GOVERNMENT OF
NEWFOUNDLAND AND LABRADOR
Department of Natural Resources
Mines Branch

A HIGH-DENSITY LAKE-SEDIMENT AND WATER SURVEY IN EASTERN LABRADOR (NTS MAP AREAS 13J/11, 13J/12, 13J/13, 13K/9, 13K/16, 13N/1 AND 13O/4)

J.W. McConnell and M.J. Ricketts

Open File LAB/1427

St. John's, Newfoundland
February, 2008

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Cover photo: Aerial photograph of the study area in NTS map area 13K/16.

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ABSTRACT

A lake-sediment and water survey was conducted in 2005 over NTS areas 13J/11, 13J/12, 13J/13, 13K/9, 13K/16, 13N/1 and 13O/4. The surveyed area is underlain by rocks of the Archean Hopedale Block, the Paleoproterozoic Makkovik Province and Grenville Province. Metamorphic grades vary from unmetamorphosed intrusives to high-grade Archean gneisses. Igneous and meta-igneous bedrock composition is dominantly felsic, but some mafic rocks are also present. Several occurrences of copper and uranium mineralization are known in the survey area.

A nominal sample density of one per four square kilometres was used, although the presence of some very large lakes and areas without suitable lakes reduced the effective sample density. Useable lake-sediment samples were collected from 809 sites and water samples from 747 sites. Sampling was conducted by float-equipped helicopter using a weighted tubular steel-gravity sampler for sediment collection. Sediment samples were analysed for a standard suite of over 50 elements. Waters were analysed for pH, conductivity and 25 elements including uranium, copper, nickel and zinc.

The report provides summary statistics of the geochemical data, correlation analyses of selected sediment and water data, histograms, 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 1:1 000 000-scale mapping and 1:250 000-scale drainage.

Many of the known uranium and copper occurrences are reflected in the geochemical data. The symbol maps suggest several additional prospecting targets for uranium, copper, gold and molybdenum.

INTRODUCTION

Working from Postville, Labrador, a high-density lake-sediment and water survey, using a float-equipped helicopter, was conducted over seven NTS 1:50 000-scale map sheets in 2005. These included all or parts of 13J/11, 13J/12, 13J/13, 13K/9, 13K/16, 13N/1 and 13O/4 (Figure 1). The region is known to host several uranium occurrences and was selected particularly for its potential for further discovery of uranium mineralization, although there is also potential for base-metal mineralization. A previous reconnaissance lake-geochemical survey indicated anomalous levels of uranium (Friske *et al.*, 1993a, b and c). A nominal sample density of one per four square kilometres was used although the presence of some very large lakes and areas without suitable lakes reduced the effective sample density. Useable lake-sediment samples were collected from 809 sites and water samples were collected from 747 sites. Sample depths for lake sediment varied from 0.5 to 28 m. Sediment samples were analyzed for a standard suite of over 50 elements. Waters were analyzed for pH, conductivity and 25 elements including uranium, copper, nickel and zinc.

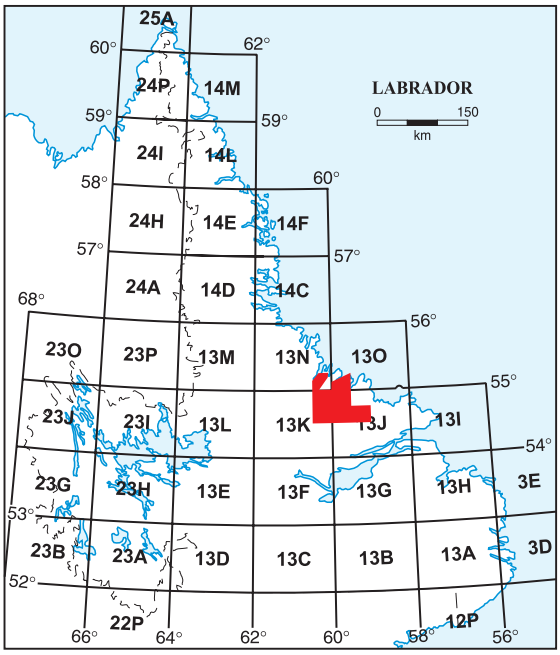

Figure 1. *Location of survey area.*

Bedrock ranges in age from Archean to Proterozoic, and metamorphic grades vary from unmetamorphosed intrusives to high-grade Archean gneisses. Most rocks are felsic although some mafic phases are also present. At least three uranium "prospects" are known in the survey area.

This report provides summary statistics of the geochemical data, correlation analyses of selected sediment and water data, histograms, sample location maps and symbol maps showing the distribution of most elements and variables in sediment and water.

LOCATION, ACCESS AND PHYSIOGRAPHY

The survey area is located in eastern Labrador. There is no road access within the area. The town of Postville is approximately in the centre of the area and is 180 km north-northeast of Happy Valley–Goose Bay. Access to Postville is by year-round scheduled flights from Happy Valley–Goose Bay or by coastal boat in summer and fall. Float plane and helicopter charter services are are available in Happy Valley–Goose Bay. Most of the terrain is moderately rugged. Tree cover is nearly universal but quite thinly spaced.

PREVIOUS GEOCHEMICAL SURVEYS

The area was included in the Labrador reconnaissance-scale surveys, which had a sample density of 1 per 14 km^2 (Friske *et al.*, 1993a, and c). Sediment analyses included 41 elements, as well as U, F and pH analyses of water. The highest Cu values were from lakes overlying the Archean mafic volcanic units and the Archean and the Windsor Harbour gneiss (Unit AMrgn in Figure 2). The strongest uranium in sediment anomaly was located in northwest NTS map areas 13J/12 and northeast 13K/9 where 4 samples ranging from 109-368 ppm were found within an eight km radius. Three other scattered high values (113-141 ppm) were found in NTS areas 13N/1 and 13O/4. Uranium data from water in the regional survey seemed to have a stronger association with known mineralization than do uranium data from sediment.

GEOLOGY AND MINERALIZATION

The surveyed area is underlain by rocks of the Archean Hopedale Block, the Paleoproterozoic Makkovik Province and the Grenville Province (Figures 2a and b). The geology and following descriptions are derived from the 1:1 000 000-scale geological map of Labrador (Wardle *et al.*, 1997). With the exception of a large pluton of Paleoproterozoic granite and some mafic volcanic, metavolcanic and mafic intrusive rocks, most of the rocks to the west of Kaipokok Bay are Archean in age. The oldest of these are mafic gneisses (Unit AMmgn) derived from intrusive and volcanic rocks and include the Weekes amphibolite. The next oldest map unit (Unit AMtgn) includes tonalitic to granodioritic migmatitic orthogneisses. The next youngest and most widespread of the Archean units (Unit AMrgn) includes tonalitic and other gneisses. The youngest is the Kanairiktok Intrusive Suite (Unit AMgd) and includes granodiorite, tonalite and minor granite. Included with the Archean package are mafic volcanic and volcaniclastic rocks, lesser sedimentary and felsic volcanic rocks, and mafic-ultramafic sills all at greenschist to amphibolite facies (Unit AMmv).

The rocks south and east of Kaipokok Bay are dominantly Paleoproterozoic felsic intrusives and extrusives. Most of the known uranium occurrences are associated with these rocks. Eleven units are identified on the geology map. The most extensive of these (Unit P3gr) is the Trans-Labrador batholith, which includes granite, quartz monzonite, granodiorite, syenite and minor quartz diorite.

Mineralization in the area is principally of two commodities – copper and uranium (Mineral Occurrence Data System, 2005). Most copper occurrences are found immediately to the east and west of Kaipokok Bay. They typically consist of chalcopyrite in metavolcanic and metasedimentary rocks of the Aillik Group.

The uranium mineralization in the survey area may be loosely grouped into three types. The five occurrences in NTS area 13N/4 (Figure 2) are associated with pegmatites intruding the enclosing Archean gneisses. Most of the occurrences immediately east and to the south of Kaipokok Bay are associated with Aillik Group metasediments and felsic to mafic metavolcanic rocks (Units P2fv and P2mva). The third group consists of hydrothermal mineralization in Paleoproterozoic granites and granodiorites to the east of Kaipokok Bay.

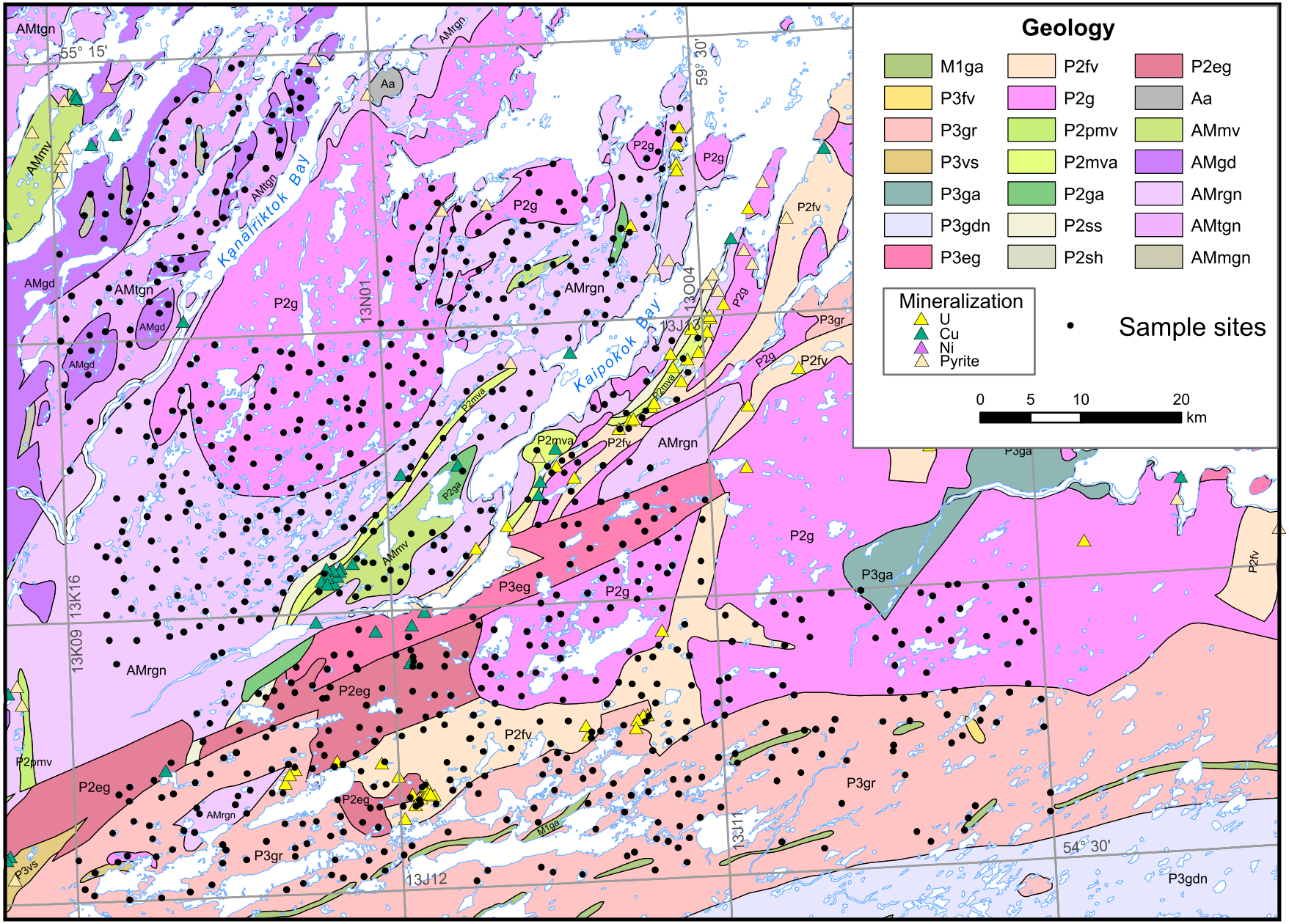

Figure 2a. *Geology of the survey area.*

STRATIFIED ROCKS

MESOPROTEROZOIC

PALEOPROTEROZOIC

P3fv	Rhyolitic to andesitic volcanic rocks including ash-flow tuff and agglomerate (Bruce River Gp.)
P3vs	Volcaniclastic sandstone, arkose and conglomerate (Bruce River Gp.)
P2fv	Rhyolite, ash-flow tuff, breccia and hypabyssal rhyolite intrusions, volcaniclastic siltstone and sandstone; minor basalt (Upper Aillik Gp.)
P2pmv	Pillow basalt, basaltic pyroclastic rocks; minor siltstone and greywacke
P2mva	Schistose amphibolite derived from mafic volcanic rocks (Lower Aillik Gp.)
P2sh	Shale and sandstone
P2ss	Pelitic schist and phyllite, equivalent to P2sh (Lower Aillik Gp.)

ARCHEAN

AMmv	Mafic volcanic and volcaniclastic rocks, lesser sedimentary and felsic volcanic rocks, and mafic-ultramafic sills; at greenschist to amphibolite facies

IGNEOUS AND META-IGNEOUS ROCKS

M1ga	Olivine gabbro and metamorphic equivalents, including coronic varieties (Shabogamo and Michael gabbros)
P3gr	Granite, quartz monzonite, granodiorite, syenite and minor quartz diorite (Trans-Labrador batholith and coeval rocks)
P3ga	Mafic intrusive suites (gabbronorite, lesser diorite), some metamorphosed at amphibolite to granulite facies
P3gdn	Granodioritic orthogneiss (lesser quartz dioritic and granitic orthogneiss), commonly migmatitic; may include some meso-proterozoic rocks in areas mapped only at reconnaissance scale
P3eg	High-level, locally fluorite-bearing granites
P2g	Granite and granodiorite
P2ga	Gabbro and leucogabbro sills (Wakuach gabbro)
P2eg	Granite plutons
Aa	Anorthosite and leucogabbroic rocks
AMgd	Granodiorite, tonalite and minor granite (Kanairiktok Intrusive Suite)
AMrgn	Tonalitic and other gneisses reworked and retrograded during Makkovikian orogenesis (Windsor Harbour gneiss)
AMtgn	Tonalitic to granodioritic migmatitic orthogneisses containing abundant mafic to ultramafic inclusions and relict mafic dykes (Maggo gneiss)
AMmgn	Mafic gneisses including rocks of intrusive and extrusive origin (Weekes amphibolite)

Figure 2b. *Expanded geological legend for geology map (Figure 2a).*

SURFICIAL GEOLOGY

The most recent surficial mapping for the area is that of Fulton *et al.* (1980a) and Fulton *et al.* (1980b). Parts of the survey area covered by their mapping include NTS map areas 13J/11, 13J/12, 13J/13, 13K/9, 13K/16 and 13O/4. Most of the area is covered by a thin (<1 m) veneer of till with considerable exposure of bedrock, particularly on rugged highlands. Striations, drumlins or drumlinoid ridges and crag-and-tail features indicate the most recent ice advance was toward the northeast.

SAMPLE COLLECTION

Samples of organic lake sediment were collected from 809 sites and water samples were obtained from 747 sites. 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 and 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 analysed using four methods for 48 unique elements plus loss-on-ignition (Table 1). In addition, 17 of these elements were analyzed using a second method for a total of 65 separate determinations. Elements that 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 were performed by ActLabs. To enable the user 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 as follows:

1. Instrumental Neutron Activation Analysis (INAA), e.g., Au1.

2. ICP-ES after HF-$HClO_4$-HCl digestion, e.g., Cu2

6. Silver by AA after HNO_3 digestion, e.g., Ag6.

9. Fluoride-ion selective electrode, e.g., F9.

Table 1. Analytical methods for lake-sediment samples

ELEMENTS	METHOD	DIGESTION/ PREPARATION
(Ag) As, Au, Ba, Br, Ca, Ce, Co, Cr, Cs, Eu, Fe, Hf, La, Lu, Mo, Na, Nd, (Ni), (Rb), Sb, Sc, Sm, (Sr), Ta, Tb, Th, U, W, Yb, (Zn), (Zr)	Instrumental Neutron Activation Analysis (INAA)	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, Zn*, Zr*	Inductively Coupled Plasma Emission Spectrometry (ICP-ES)[1]	Hf-$HClO_4$-HCl (total digestion)
Ag*	Atomic Absorption Spectrometry (AA)[2]	HNO_3
F	Fluoride-ion specific electrode with digital ion analyzer[2]	2:1 Na_2CO_3:KNO_3 flux, fusion
Loss-on-ignition (LOI)	Gravimetric using muffle furnace raised to 500°C	

* indicates preferred method of analysis
( ) indicates less favoured method of analysis; use alternative

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

In the foregoing, “ICP-ES” refers to inductively coupled plasma-emission spectrometry; “AA” is atomic absorption spectrometry. Thus, Zr2 is zirconium analyzed by ICP-ES/HF-$HClO_4$-HCl whereas Zr1 is zirconium analyzed by INAA.

Lake water was analyzed for conductivity, pH, SO_4 and 24 elements using the methods noted in Table 2. Uranium in water was analysed by SGS Lakefield Research Limited using ICP-mass spectrometry. All other analyses were performed by the Department of Natural Resources laboratory.

Analytical and field data are provided in Appendix 1.

Table 2. Analytical methods for lake-water samples

ANALYSIS	METHOD	PREPARATION
pH	Corning combination pH electrode	None
Conductivity	Corning conductivity sensor	None
Ca, Fe, K, Mg, Mn, Na, Si, SO_4	ICP-emission spectroscopy[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]	Filtration (0.45 μm) and HNO_3 acidification
U,	ICP-mass spectrometry	Filtration (0.45 μm) and HNO_3 acidification

[1] Finch, 1998

DATA QUALITY

To ensure the reliability of the analytical data, three means of determining data accuracy and precision were employed. 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. Thirty-five lakes were sampled for sediment duplicates and thirty-two for water duplicates. Data from one of these pairs of water duplicates were excluded from statistical analysis because water from one of the sample pair is thought to have been contaminated. Analyses of several metals and phosphorous in one of the two samples were extremely high. The duplicate samples were taken about 50 m apart. At the analytical stage, a standard of known composition was inserted within every batch of 20 samples and a sample split, or laboratory duplicate, was similarly included. For sediment, international reference standards composed of lake-sediment material were used, notably LKSD-1, LKSD-2, LKSD-3 and LKSD-4. For water, standards

used were both 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.

Site duplicates are useful because they give an appreciation of overall data variance occurring at both the sampling and analytical stages. Since they consist of samples from the survey itself, they may reveal limitations in the data that are specific to the area and which may not show up in the reference standards. Scatter plots of 65 variables for sediment analyses along with the Spearman correlation coefficient (r) are shown in Figures 3a, b and c. The higher the absolute value, the better the correlation, with ±1.00 being a perfect correlation. A comparison of coefficients for the same element by different methods is a useful way to select the more reliable method. For example, As2, Ba2, Mo2, Rb2 and Zr2 by ICP give preferable results than the same elements by INAA. In some cases, Ca, Ni, Sr and Zn for example, the INAA data are so poor as to be unusable. For a few elements including Na, the INAA data are preferable.

Scatter plots of 27 variables from site duplicates in water are shown in Figures 4a and b. In general, the correlations are stronger between water duplicates than between sediment duplicates. This is not surprising in as much as 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 Co, Mo and Pb appear to be of little use in this area, particularly for values near the detection limits.

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 (Tables 3 and 4); the analysis of the second sample of four site duplicate pairs are excluded. Statistics tabulated include the median, arithmetic mean, geometric mean, arithmetic standard deviation, logarithmic standard deviation, minimum and maximum. Because the distributions of most element populations are more log-normal than normal, the geometric means as well as arithmetic means are given.

Histograms

Histograms of the lake-sediment variables As1, Au1, Cu2, F9, Fe2, La2, Mg2, Mo2, U1, Zn2, depth and loss-on-ignition (LOI) are shown in Figure 5. Histograms of the lake-water variables pH, conductivity, Ca, Cu, Fe, Mg, Mn, Ni, SO4, Sr, U, and Zn are shown in Figure 6. These figures show the shape of the population distributions and may be useful when interpreting the distribution maps of these variables.

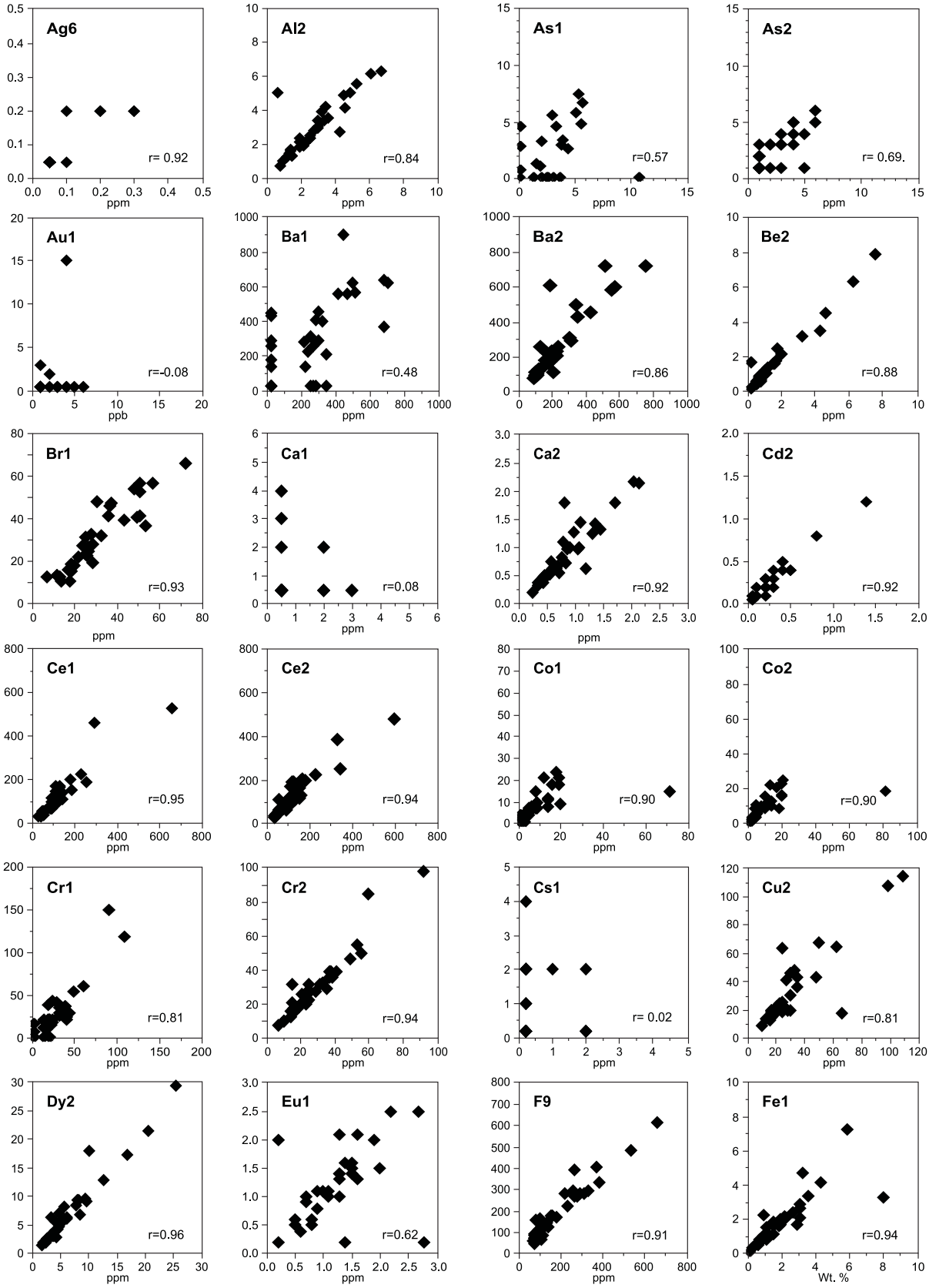

Figure 3a. *Scatter plots of Ag6, A12, As1, As2, Au1, Ba1, Ba2, Be2, Br1, Ca1, Ca2, Cd2, Ce1, Ce2, Co1, Co2, Cr1, Cr2, Cs1, Cu2, Dy2, Eu1, F9 and Fe1 in site duplicates of lake sediment.*

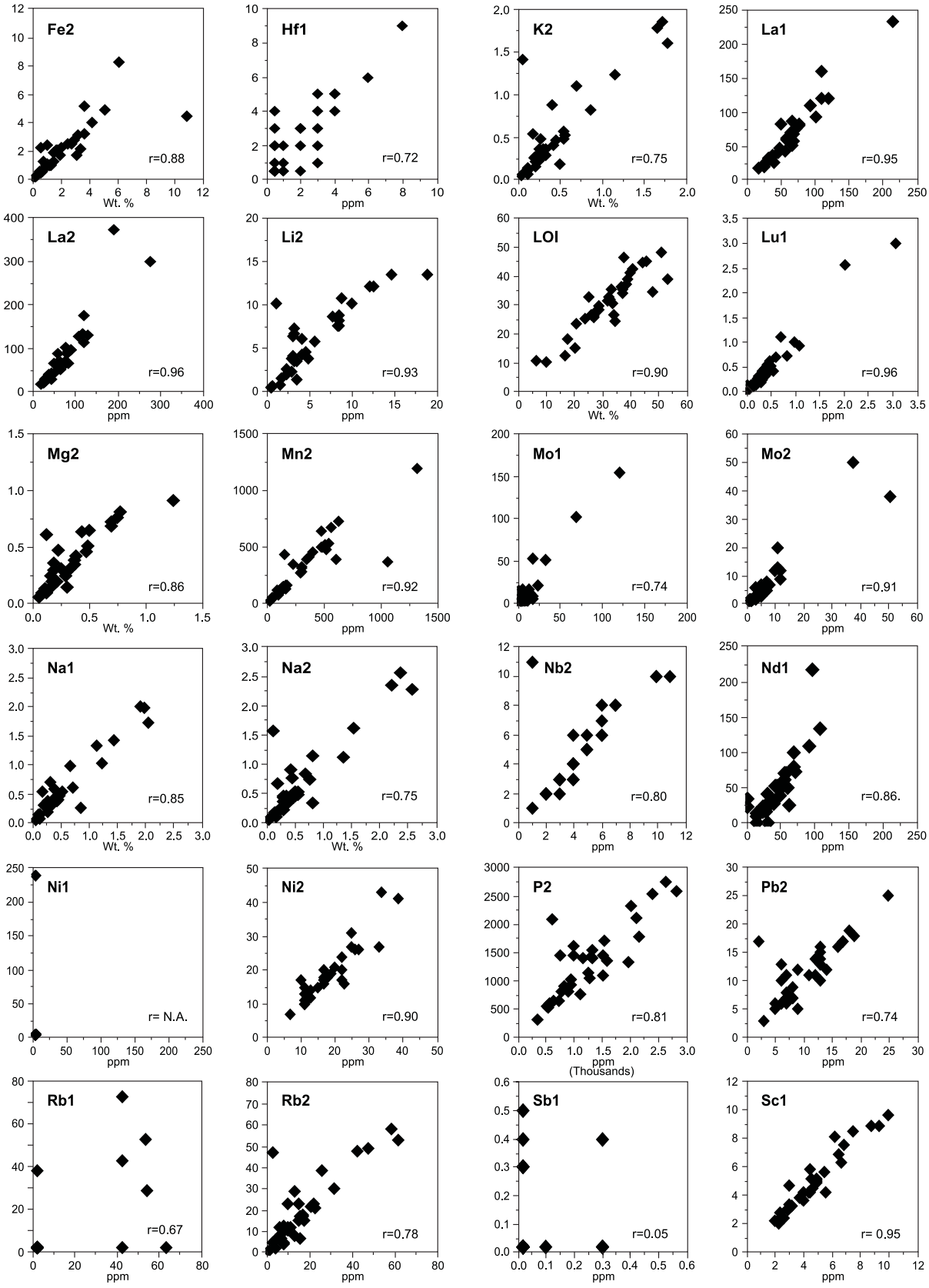

Figure 3b. *Scatter plots of Fe2, Hf1, K2, La1, La2, Li2, LOI, Lu1, Mg2, Mn2, Mo1, Mo2, Na1, Na2, Nb2, Nd1, Ni1, Ni2, P2, Pb2, Rb1, Rb2, Sb1 and Sc1 in site duplicates of lake sediment.*

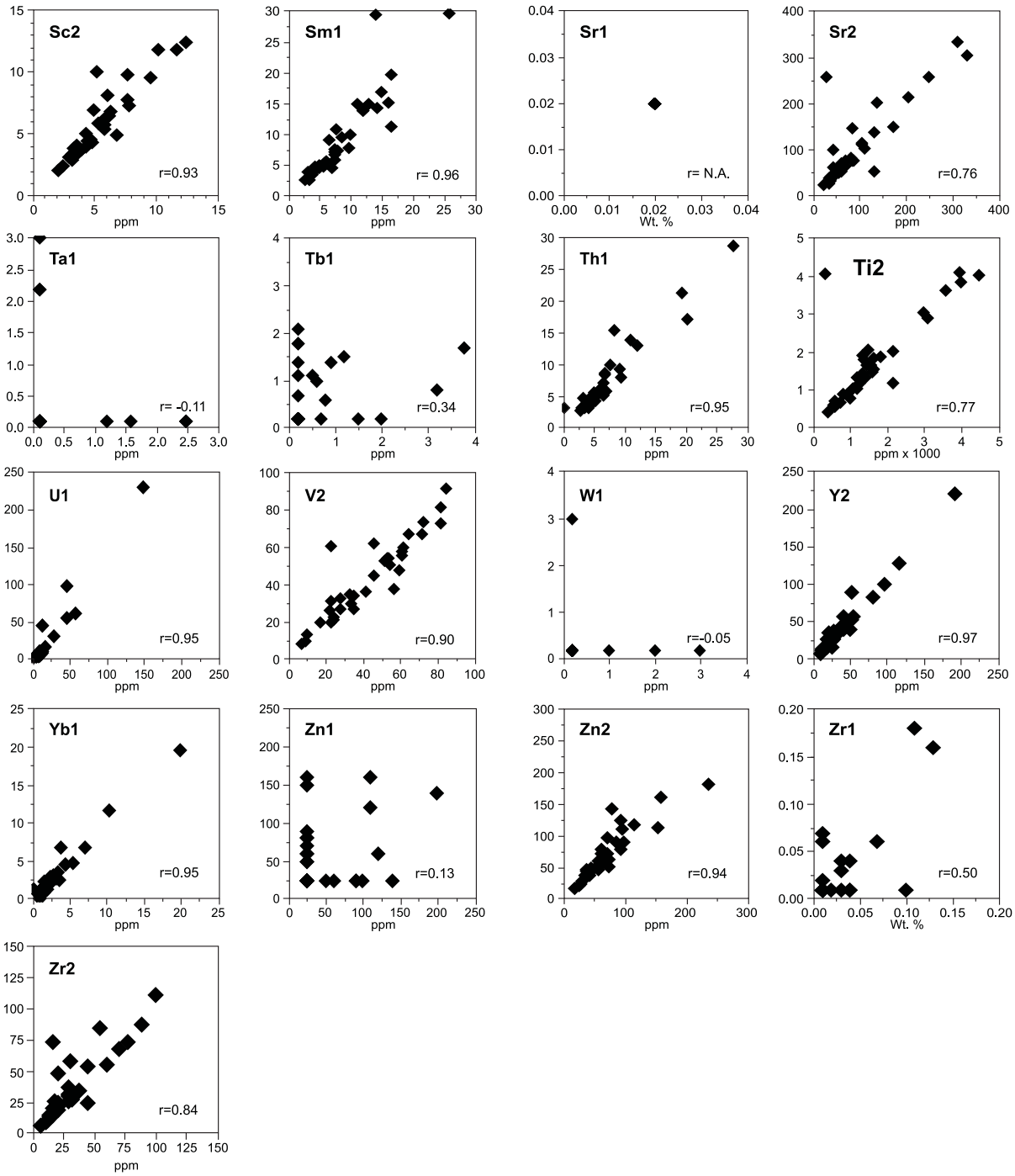

Figure 3c. *Scatter plots of Sc2, Sm1, Sr1, Sr2, Ta1, Tb1, Th1, Ti2, U1, V2, W1, Y2, Yb1, Zn1, Zn2, Zr1 and Zr2 in site duplicates of lake sediment.*

Correlation Analysis of Sediment Data

Table 5 provides a matrix of Spearman correlation coefficients of selected elements and variables that may be associated with U, Au or base-metal mineralization. Of the vertical columns, iron (Fe1), depth and loss-on-ignition (LOI) may be considered environmental parameters independent of bedrock composition that may influence the accumulation of elements in sediment. Of

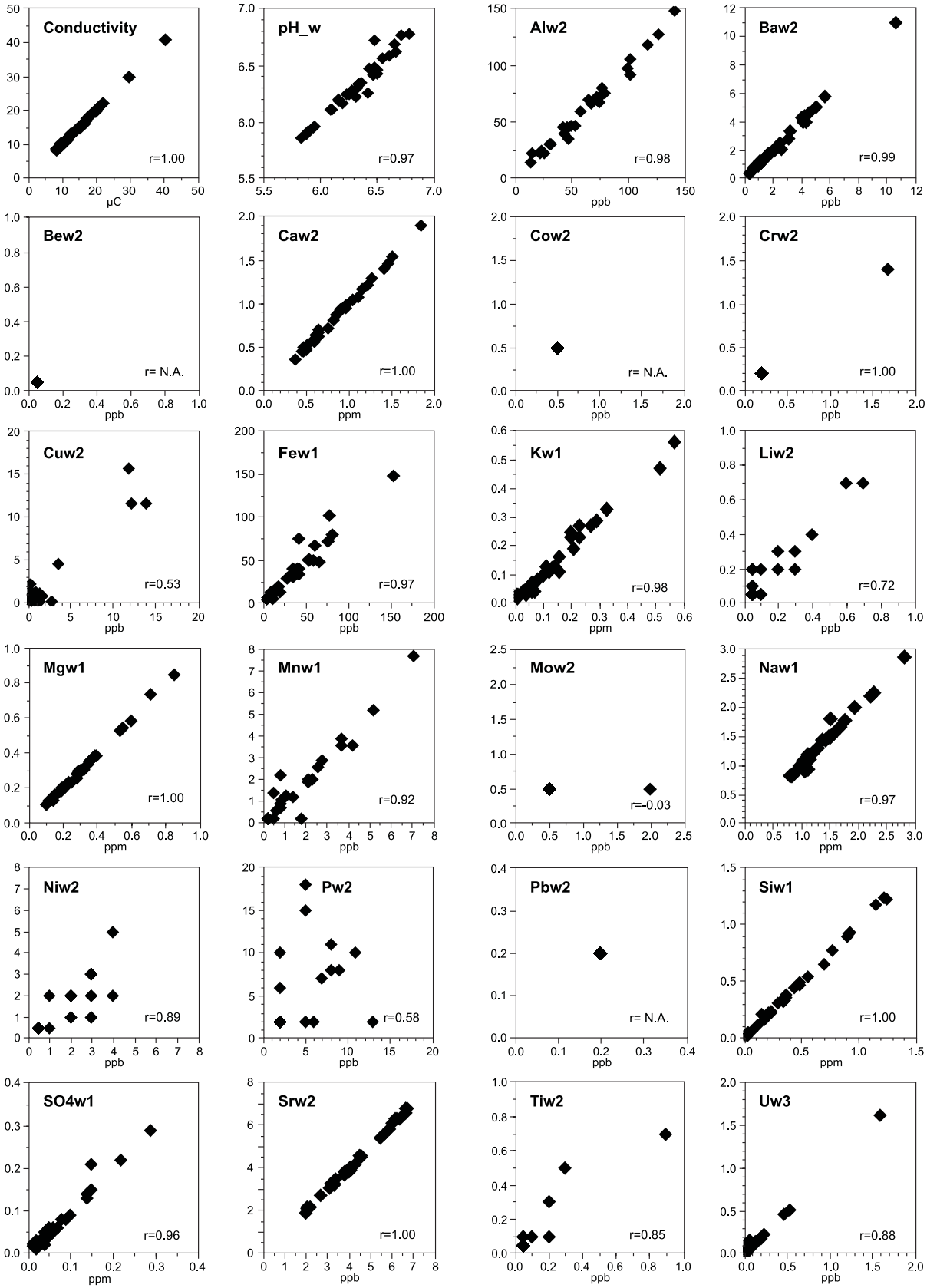

Figure 4a. *Scatter plots of conductivity, pH, A1, Ba, Be, Ca, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Si, SO_4, Sr, Ti and U in site duplicates of lake water.*

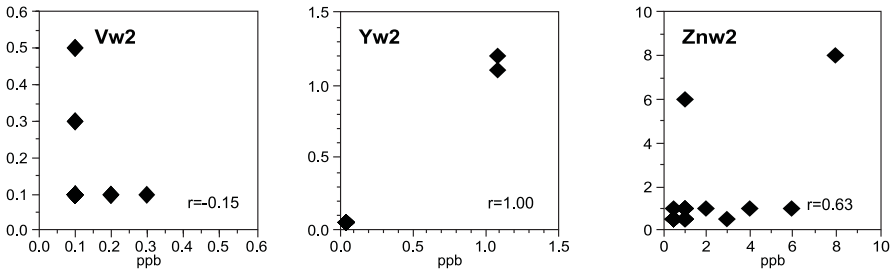

Figure 4b. *Scatter plots of V, Y and Zn in site duplicates of lake water.*

the ore metals, only cobalt (Co2) and zinc (Zn2) show strong correlations with iron at r=0.88 and r=0.74 respectively, suggesting the presence of iron hydroxide scavenging. The strongest ore metal correlation with depth is copper (r=0.54). With LOI the strongest correlation is also with copper (r=0.46).

Looking at correlations of ore metals with other elements, gold has no strong correlations. Copper has several moderate correlations with the rare-earth elements (REE), with molybdenum (r=0.49), nickel (r=0.45), uranium (r=0.41) and zinc (r=0.51). Molybdenum has quite strong correlations with the REE, and moderate correlations with uranium (r=0.58) and with zinc (r=0.57). Aside from those mentioned previously, correlations with nickel include chromium (r=0.72), magnesium (r=0.60), scandium (r=0.63), vanadium (r=0.58) and zinc (r=0.62). The first four of these likely reflect correlations with bedrock geochemistry in the catchment basin, i.e., mafic. Uranium has quite strong correlations with the REE and with thorium (r=0.67) and to a lesser degree with molybdenum (r=0.58) as mentioned above.

Correlation Analysis of Water Data

Spearman correlation coefficients were calculated for those analyses for which more than 10 percent of the samples exceeded the detection limit. They are shown in Table 6. Among the base metals, correlations are quite weak with the strongest occurring between Cu and Zn (0.34). Uranium has no strong correlations with the highest being with strontium (r=0.31). Some of the strongest correlations are among pH, conductivity, Ca and Mg, suggesting that these elements may be useful guides to magmatic differentiation of bedrock in the catchment basin. For example, the correlation between Ca and Mg is 0.67.

ELEMENT DISTRIBUTION IN LAKE SEDIMENT AND WATER

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 7-13. Each map depicts a NTS area. The bedrock polygons are from the digital 1:1 000 000 geology map of Labrador (Wardle *et al.,* 1997).

Symbol plot maps of the various elements and variables were produced in which data were classified using natural breaks (Jenk's Optimization) to depict naturally occurring divisions in the data in the hope of reflecting geochemical or mineralogical processes. In some cases, the highest

Table 3. Summary statistics for lake-sediment data (N=773).

Element	Median	Mean Arithmetic	Mean Geometric	Standard Deviation Arithmetic	Standard Deviation Logarithmic	Minimum	Maximum
Ag6	<0.1	0.09	0.06	0.18	0.25	0.05	3.4
Al2, wt. %	2.93	3.22	2.72	1.73	0.27	0.17	7.95
As1	1.5	2.7	1.0	5.92	0.64	0.2	110
As2	<2	2.8	1.8	5.29	0.34	1	85
Au1, ppb	<1	0.9	0.6	2.01	0.27	0.5	25
Ba1	290	291	164	248.58	0.56	25	3400
Ba2	211	273	228	171.96	0.26	35	940
Be2	1.0	1.5	1.0	2.18	0.35	0.1	33.1
Br1	29.0	33	27	20.48	0.30	0.5	300
Ca1, wt %	<1	0.8	0.6	0.79	0.23	0.5	7
Ca2, wt. %	0.85	0.99	0.85	0.55	0.25	0.14	3.4
Cd2	0.2	0.3	0.2	0.42	0.35	0.1	8.5
Ce1	102	139	105	122.98	0.32	7	1120
Ce2	117	153	118	124.06	0.31	5	1016
Co1	8	12	8	14.39	0.42	1	153
Co2	10	14	9	15.29	0.38	1	182
Cr1	26	30	22	22.46	0.40	2	260
Cr2	29	32	27	22.14	0.28	1	220
Cs1	<1	0.5	0.3	0.75	0.38	0.2	5
Cu2	27	37	28	41.09	0.30	4	775
Dy2	4.9	7.1	5.2	8.62	0.31	0.3	108.8
Eu1	1.3	1.5	1.3	1.02	0.28	0.2	10.3
F9	181	213	173	140	0.29	23	990
Fe1, wt.%	1.67	2.20	1.57	1.98	0.37	0.1	24.8
Fe2, wt.%	1.95	2.58	1.78	2.39	0.40	0.12	26.47
Hf1	1	1.9	1.2	1.91	0.41	0.5	11
K2, wt. %	0.31	0.55	0.33	0.56	0.46	0.04	2.82
La1	60	80	61	72.06	0.31	4	750
La2	71	95	72	90.60	0.32	4	941
Li2	4.2	6.7	4.2	6.60	0.45	0.1	53.6
LOI, wt.%	32.6	32.1	27.9	14.18	0.27	1.2	97.4
Mg2, wt.%	0.28	0.39	0.29	0.33	0.34	0.03	2.22
Mn2	300	512	289	951.39	0.44	23	16890
Mo2	5	8.3	5.2	11.30	0.40	1	140
Na1, wt.%	0.35	0.60	0.37	0.58	0.44	0.04	2.58
Na2, wt.%	0.44	0.72	0.44	0.71	0.46	0.04	3.19
Nb2	4	4.9	4.1	2.89	0.28	1	22
Nd1	39	52	37	49.54	0.38	2	540
Ni2	18	22	18	27.27	0.24	2	612
P2	1149	1370	1158	803.02	0.26	168	4437
Pb2	10	12	10	12.66	0.26	1	271
Rb1	<5	12	4	21.22	0.56	2	96
Rb2	13	21	13	19.43	0.46	1	105
Sb1	<0.5	0.08	0.03	0.14	0.46	0.02	1.3
Sc1	4.7	5.1	4.7	2.30	0.20	0.8	14.4
Sc2	5.8	6.4	5.7	2.99	0.21	0.4	19.9
Se1	<1	0.5	0.5	0.73	0.09	0.5	17

Table 3. Continued

Element	Median	Mean Arithmetic	Mean Geometric	Standard Deviation Arithmetic	Standard Deviation Logarithmic	Minimum	Maximum
Sm1	7.6	9.7	7.6	8.76	0.29	0.6	96
Sr2	76	112	86	87.27	0.31	14	466
Ta1	<0.2	0.2	0.1	0.52	0.32	0.1	4.6
Tb1	<0.5	0.7	0.4	1.08	0.41	0.2	11
Th1	5.8	7.2	6.0	5.09	0.26	0.2	51.8
Ti2	1500	1857	1493	1200	0.30	110	6227
U1	6.6	13.9	5.6	36.47	0.65	0.1	730
V2	49	51	43	26.68	0.28	2	168
W1	<1	0.4	0.2	1.02	0.27	0.2	13
Y2	27	41	29	54.13	0.32	2	811
Yb1	2	3.0	2.1	3.95	0.34	0.1	53.8
Zn2	64	79	62	87.55	0.29	6	1764
Zr1 wt. %	<0.02	0.02	0.01	0.03	0.28	0.01	0.55
Zr2	27	36	27	26.86	0.33	3	156
Lake area (km2)	0.07	0.19	0.08	0.36	0.56	0.01	3.29
Lake depth (m)	4.5	5.5	4.2	4.20	0.33	0.5	28

Table 4. Summary statistics of lake-water data (N=707); data in ppb unless otherwise incidated

Element	Detection Limit	Percentage of samples <D.L.	Median	Mean Arithmetic	Mean Geometric	Standard Deviation Arithmetic	Standard Deviation Logarithmic	Minimum	Maximum
Al	1	0	65	69	57	38.1	0.32	1	270
Ba	0.1	0	2.1	3.5	2.1	6.61	0.38	0.1	81.2
Be	0.1	99	<0.1	<0.1	<0.1	0.01	0.03	0.1	0.2
Ca, ppm	N.A.*	0	0.84	1.09	0.89	1.00	0.27	0.12	10.18
Co	2	100	<2	<2	<2	0.06	0.02	1	1
Cr	0.5	94	<0.5	<0.5	<0.5	2.26	0.22	0.2	4.4
Cu	0.5	58	<0.5	1.4	<0.5	2.98	0.55	0.2	18.5
Fe	10	24	26	47	24	76	0.50	5	1052
K, ppm	0.01	0	0.15	0.17	0.13	0.17	0.39	0.01	1.16
Li	0.1	58	<0.1	0.13	<0.1	0.12	0.33	0.1	0.8
Mg, ppm	N.A.	0	0.32	0.36	0.31	0.32	0.22	0.08	2.38
Mn	0.5	41	0.7	1.3	0.7	1.91	0.49	0.2	24
Mo	1.0	91	<1.0	<1.0	<1.0	0.45	0.17	1	3
Na, ppm	N.A.	0	1.42	1.64	1.48	2.69	0.19	0.70	9.78
Ni	1.0	31	2	2	1.4	4.68	0.37	1	50
P	5	64	<5	5.2	<5	7.2	0.35	2	70
Pb	2.0	99.7	<2	<2	<2	0.23	0.07	0.2	6
Si, ppm	N.A.	0	0.37	0.44	0.29	0.35	0.49	0.01	2.46
SO4, ppm	0.01	0	0.06	0.08	0.06	0.15	0.37	0.01	0.76
Sr	N.A.	0	4.2	4.8	4.3	2.94	0.20	0.5	27.8
Ti	0.1	78	<0.1	0.2	<0.1	0.49	0.43	0.1	6.0
U	0.005	0	0.082	0.140	0.085	0.20	0.41	0.005	2.64
V	0.2	83	<0.2	<0.2	<0.2	0.11	0.19	0.1	1.1
Y	0.1	93	<0.1	<0.1	<0.1	0.13	0.22	0.1	1.4
Zn	1.0	53	<1.0	1.3	<1.0	1.71	0.32	0.5	22
Conductivity, µS	N.A.	0	16.36	18.1	16.6	17.80	0.19	7.2	81.1
pH	N.A.	0	6.35	6.34	N.A.	0.39	N.A.	3.81	7.7

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

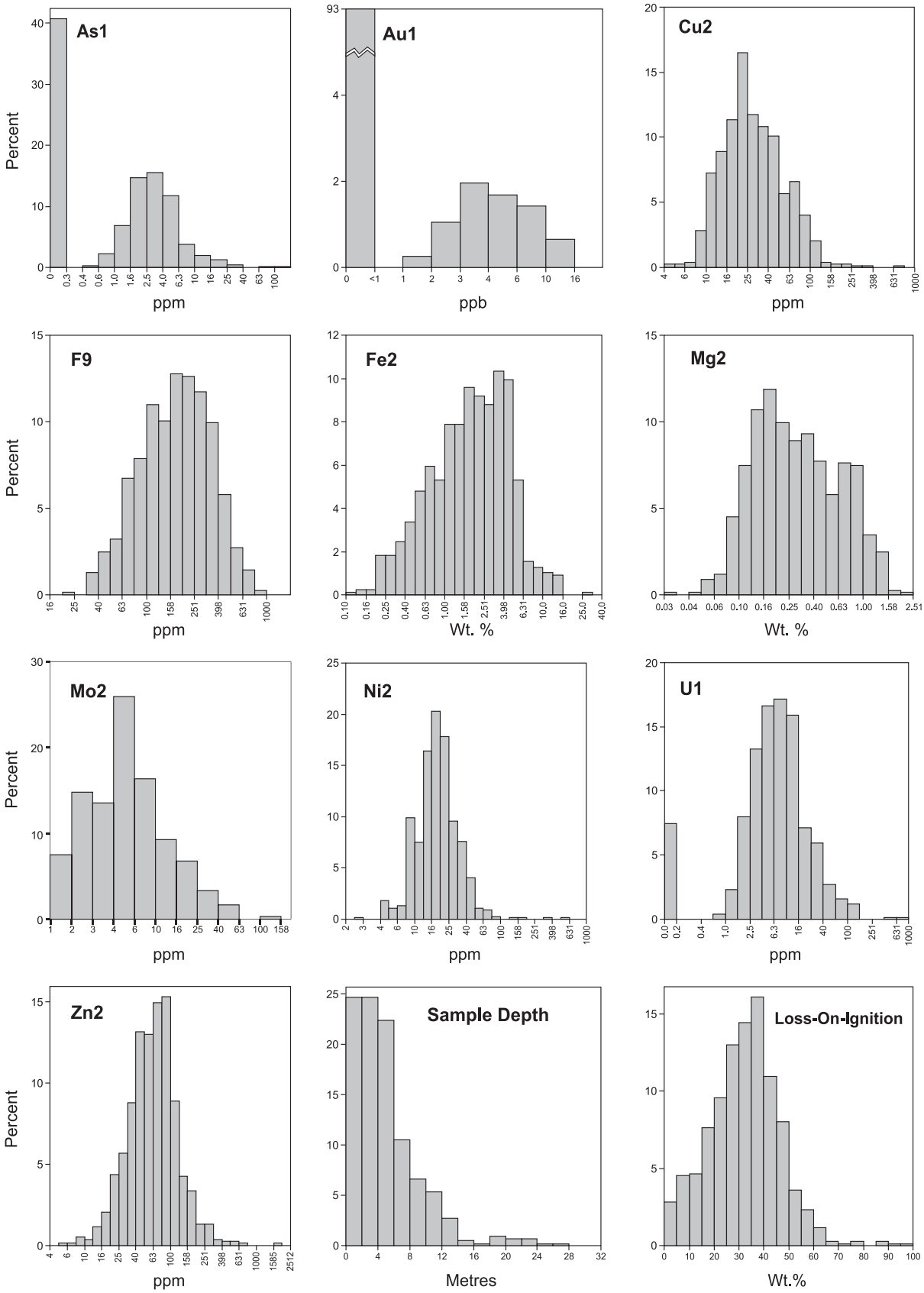

Figure 5. *Histograms of As1, Au1, Cu2, F9, Fe2, Mg2, Mo2, Ni2, U1, Zn2, depth and LOI in lake sediment.*

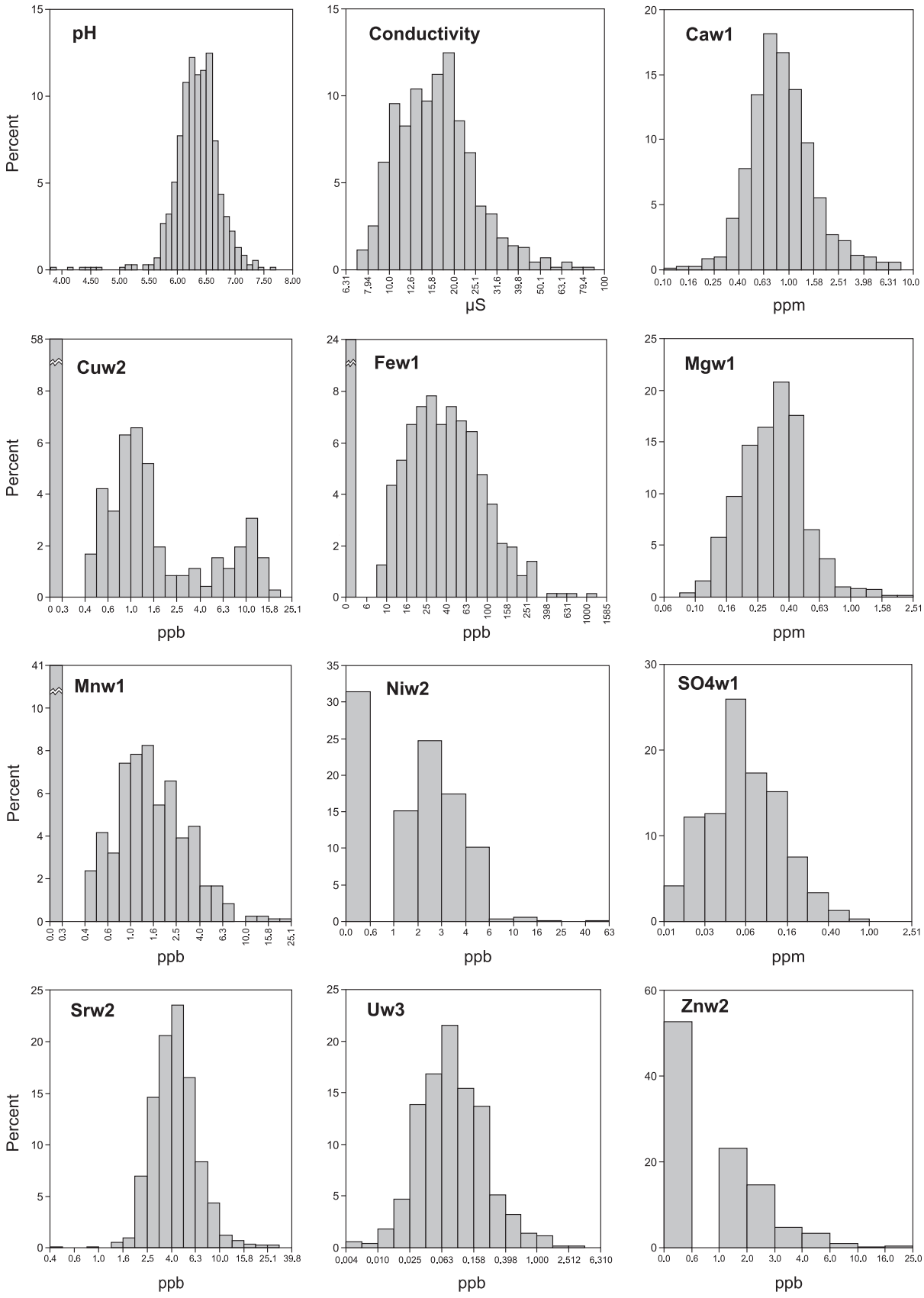

Figure 6. *Histograms of pH, conductivity, Ca, Cu, Fe, Mg, Mn, Ni, SO_4, Sr, U and Zn in lake water.*

Table 5. Spearman correlation coefficients (r) for selected elements and variables in lake sediment (N=767)

	As1	Au1	Co2	Cr1	Cu2	Fe1	La1	Mg2	Mn2	Mo2	Ni2	U1	Zn2	Depth	LOI
Ag6	0.04	0.09	0.06	0.08	0.12	0.01	-0.09	0.02	0.09	-0.03	0.06	-0.01	-0.04	0.17	0.11
Al2	0.22	0.02	0.73	0.70	0.08	0.70	-0.05	0.84	0.79	0.09	0.59	-0.08	0.51	0.30	-0.44
As1	**1.00**	0.08	0.30	0.31	0.24	0.30	0.19	0.17	0.28	0.21	0.31	0.18	0.37	0.17	-0.03
Au1	0.08	**1.00**	0.07	0.03	0.10	0.05	0.13	0.00	0.05	0.11	0.04	0.11	0.10	0.06	0.07
Ba2	0.15	0.02	0.48	0.48	-0.19	0.47	-0.15	0.83	0.59	-0.06	0.39	-0.16	0.33	0.01	-0.58
Be2	0.32	0.08	0.48	0.37	0.18	0.57	0.48	0.41	0.59	0.45	0.25	0.45	0.65	0.23	-0.27
Br1	0.10	0.02	0.04	0.06	0.46	0.01	0.18	-0.18	-0.03	0.17	0.12	0.16	0.06	0.50	0.64
Ca2	0.19	0.02	0.53	0.63	0.02	0.46	-0.18	0.85	0.58	-0.04	0.50	-0.16	0.32	0.20	-0.37
Cd2	0.33	0.08	0.44	0.28	0.64	0.44	0.54	-0.00	0.42	0.58	0.36	0.47	0.67	0.46	0.33
Ce1	0.23	0.11	0.29	0.09	0.57	0.38	0.93	-0.17	0.27	0.66	0.11	0.69	0.57	0.33	0.29
Ce2	0.22	0.11	0.31	0.05	0.59	0.40	0.96	-0.15	0.30	0.67	0.13	0.66	0.61	0.32	0.27
Co2	0.30	0.07	**1.00**	0.67	0.35	0.88	0.20	0.59	0.90	0.37	0.70	0.09	0.73	0.36	-0.22
Cr1	0.31	0.03	0.67	**1.00**	0.23	0.60	-0.03	0.69	0.63	0.11	0.72	-0.02	0.50	0.31	-0.25
Cs1	0.12	-0.01	0.25	0.31	-0.09	0.20	-0.16	0.37	0.24	-0.08	0.24	-0.10	0.13	0.04	-0.25
Cu2	0.24	0.10	0.35	0.23	**1.00**	0.29	0.59	-0.09	0.21	0.49	0.45	0.41	0.51	0.56	0.46
Dy2	0.28	0.13	0.27	0.10	0.46	0.39	0.85	-0.06	0.31	0.65	0.14	0.66	0.63	0.27	0.11
F9	0.25	0.03	0.48	0.43	0.09	0.53	0.25	0.61	0.54	0.27	0.36	0.20	0.53	0.23	-0.40
Fe1	0.30	0.05	0.88	0.60	0.29	**1.00**	0.31	0.51	0.88	0.47	0.56	0.16	0.74	0.38	-0.25
Fe2	0.29	0.05	0.88	0.60	0.29	0.99	0.32	0.53	0.89	0.48	0.56	0.16	0.75	0.37	-0.26
Hf1	0.06	-0.01	0.34	0.45	-0.32	0.35	-0.26	0.70	0.43	-0.16	0.23	-0.20	0.13	-0.12	-0.61
K2	0.09	-0.02	0.44	0.49	-0.30	0.44	-0.30	0.90	0.56	-0.13	0.33	-0.25	0.21	-0.02	-0.68
La1	0.19	0.13	0.20	-0.03	0.59	0.31	**1.00**	-0.25	0.18	0.66	0.07	0.69	0.55	0.31	0.32
Mg2	0.17	0.00	0.59	0.69	-0.09	0.51	-0.25	**1.00**	0.63	-0.09	0.60	-0.22	0.36	0.11	-0.55
Mn2	0.28	0.05	0.90	0.63	0.21	0.88	0.18	0.63	**1.00**	0.35	0.55	0.10	0.69	0.32	-0.32
Mo2	0.21	0.11	0.37	0.11	0.49	0.47	0.66	-0.09	0.35	**1.00**	0.15	0.58	0.57	0.36	0.18
Na2	0.08	-0.03	0.45	0.50	-0.31	0.45	-0.31	0.90	0.58	-0.14	0.34	-0.27	0.22	-0.06	-0.68
Nb2	0.20	0.01	0.58	0.54	-0.11	0.65	0.00	0.79	0.71	0.13	0.39	-0.03	0.45	0.13	-0.55
Nd1	0.20	0.15	0.19	-0.03	0.57	0.29	0.95	-0.25	0.16	0.64	0.08	0.65	0.54	0.29	0.34
Ni2	0.31	0.04	0.70	0.72	0.45	0.56	0.07	0.60	0.55	0.15	**1.00**	-0.05	0.62	0.35	-0.10
P2	0.21	0.08	0.47	0.34	0.61	0.55	0.52	0.13	0.48	0.53	0.33	0.40	0.54	0.71	0.30
Pb2	0.31	0.09	0.50	0.45	0.04	0.53	0.24	0.51	0.60	0.26	0.30	0.30	0.52	0.15	-0.27
Rb2	0.13	-0.02	0.51	0.54	-0.20	0.48	-0.27	0.91	0.60	-0.10	0.44	-0.22	0.28	0.05	-0.61
Sb1	0.27	0.06	0.16	0.16	0.07	0.14	0.07	0.10	0.16	0.08	0.10	0.08	0.16	0.05	-0.06
Sc2	0.28	0.07	0.72	0.69	0.16	0.72	0.09	0.81	0.78	0.18	0.63	0.01	0.62	0.25	-0.43
Se1	0.01	0.04	-0.00	-0.02	-0.01	-0.01	0.00	0.02	0.02	0.02	-0.05	0.05	-0.02	-0.01	-0.01
Sm1	0.26	0.15	0.25	0.08	0.57	0.35	0.94	-0.16	0.24	0.65	0.12	0.70	0.60	0.33	0.27
Sr2	0.10	0.01	0.46	0.53	-0.24	0.44	-0.26	0.90	0.56	-0.11	0.37	-0.23	0.24	-0.01	-0.60
Th1	0.28	0.08	0.25	0.15	0.43	0.35	0.78	0.02	0.28	0.52	0.14	0.67	0.52	0.27	0.08
Ti2	0.11	-0.01	0.54	0.60	-0.18	0.54	-0.27	0.91	0.65	-0.09	0.43	-0.25	0.28	0.10	-0.56
U1	0.18	0.11	0.09	-0.02	0.41	0.16	0.69	-0.22	0.10	0.58	-0.05	**1.00**	0.37	0.25	0.30
V2	0.25	0.02	0.78	0.65	0.32	0.82	0.19	0.62	0.79	0.35	0.58	0.04	0.63	0.41	-0.25
Y2	0.28	0.13	0.25	0.09	0.40	0.38	0.81	-0.05	0.30	0.64	0.12	0.65	0.61	0.24	0.07
Yb1	0.31	0.12	0.28	0.17	0.31	0.42	0.71	0.04	0.34	0.58	0.13	0.59	0.59	0.21	-0.03
Zn2	0.37	0.10	0.73	0.50	0.51	0.74	0.55	0.36	0.69	0.57	0.62	0.37	**1.00**	0.42	-0.07
Zr2	0.17	0.01	0.53	0.57	-0.19	0.53	-0.20	0.89	0.65	-0.05	0.43	-0.13	0.34	0.06	-0.60
Depth	0.17	0.06	0.36	0.31	0.56	0.38	0.31	0.11	0.32	0.36	0.35	0.25	0.42	**1.00**	0.27
LOI	-0.03	0.07	-0.22	-0.25	0.46	-0.25	0.32	-0.55	-0.32	0.18	-0.10	0.30	-0.07	0.27	**1.00**

Coefficients r>|0.06| is significant at the 0.05 confidence level
Coefficients r>|0.08| is significant at the 0.01 confidence level

Table 6. Spearman correlation coefficients (r) for selected elements and variables in lake water (N=707)

	pH	Conductivity	Alw2	Baw2	Caw1	Cuw2	Few1	Kw1	Liw2	Mgw1	Mnw1	Naw1	Niw2	Pw2	Siw1	SO_4w1	Srw2	Tiw2	Uw3	Vw2
pH	**1.00**	0.58	-0.06	0.22	0.83	0.21	-0.16	0.41	0.05	0.55	-0.36	0.20	0.10	-0.03	0.51	0.43	0.68	-0.02	0.21	-0.04
Conductivity	0.58	**1.00**	0.32	0.08	0.78	0.15	0.21	0.52	0.21	0.88	-0.20	0.82	0.29	-0.04	0.32	0.73	0.70	0.24	0.15	0.17
Alw2	-0.06	0.32	**1.00**	-0.21	0.21	0.07	0.30	-0.07	0.12	0.35	-0.02	0.43	0.12	0.07	0.09	0.26	0.09	0.39	0.11	0.14
Baw2	0.22	0.08	-0.21	**1.00**	0.17	0.23	0.26	0.61	0.15	0.12	0.28	-0.18	0.26	0.31	0.19	0.23	0.54	0.19	0.21	0.07
Caw1	0.83	0.78	0.21	0.17	**1.00**	0.23	0.02	0.37	0.11	0.67	-0.29	0.43	0.15	-0.07	0.50	0.59	0.78	0.13	0.20	0.07
Cuw2	0.21	0.15	0.07	0.23	0.23	**1.00**	0.05	0.21	0.08	0.15	-0.00	0.00	-0.02	0.14	0.09	0.24	0.17	0.15	0.07	0.03
Few1	-0.16	0.21	0.30	0.26	0.02	0.05	**1.00**	0.25	0.23	0.28	0.43	0.32	0.34	0.29	-0.22	0.17	0.24	0.54	0.10	0.22
Kw1	0.41	0.52	-0.07	0.61	0.37	0.21	0.25	**1.00**	0.19	0.60	0.05	0.32	0.45	0.28	0.16	0.60	0.67	0.22	0.15	0.07
Liw2	0.05	0.21	0.12	0.15	0.11	0.08	0.23	0.19	**1.00**	0.23	0.03	0.28	-0.12	0.04	0.08	0.22	0.22	0.16	0.27	0.29
Mgw1	0.55	0.88	0.35	0.12	0.67	0.15	0.28	0.60	0.23	**1.00**	-0.18	0.78	0.37	0.00	0.32	0.72	0.68	0.29	0.11	0.17
Mnw1	-0.36	-0.20	-0.02	0.28	-0.29	-0.00	0.43	0.05	0.03	-0.18	**1.00**	-0.14	0.18	0.25	-0.19	-0.17	-0.07	0.20	0.04	0.09
Naw1	0.20	0.82	0.43	-0.18	0.43	0.00	0.32	0.32	0.28	0.78	-0.14	**1.00**	0.29	-0.01	0.10	0.65	0.42	0.24	0.08	0.19
Niw2	0.10	0.29	0.12	0.26	0.15	-0.02	0.34	0.45	-0.12	0.37	0.18	0.29	**1.00**	0.31	0.03	0.35	0.36	0.32	0.10	0.11
Pw2	-0.03	-0.04	0.07	0.31	-0.07	0.14	0.29	0.28	0.04	0.00	0.25	-0.01	0.31	**1.00**	-0.18	0.14	0.11	0.30	0.10	0.01
Siw1	0.51	0.32	0.09	0.19	0.50	0.09	-0.22	0.16	0.08	0.32	-0.19	0.10	0.03	-0.18	**1.00**	0.23	0.46	-0.00	0.18	0.03
SO4w1	0.43	0.73	0.26	0.23	0.59	0.24	0.17	0.60	0.22	0.72	-0.17	0.65	0.35	0.14	0.23	**1.00**	0.64	0.20	0.13	0.18
Srw2	0.68	0.70	0.09	0.54	0.78	0.17	0.24	0.67	0.22	0.68	-0.07	0.42	0.36	0.11	0.46	0.64	**1.00**	0.25	0.31	0.15
Tiw2	-0.02	0.24	0.39	0.19	0.13	0.15	0.54	0.22	0.16	0.29	0.20	0.24	0.32	0.30	-0.00	0.20	0.25	**1.00**	0.13	0.20
Uw3	0.21	0.15	0.11	0.21	0.20	0.07	0.10	0.15	0.27	0.11	0.04	0.08	0.10	0.10	0.18	0.13	0.31	0.13	**1.00**	-0.03
Vw2	-0.04	0.17	0.14	0.07	0.07	0.03	0.22	0.07	0.29	0.17	0.09	0.19	0.11	0.01	0.03	0.18	0.15	0.20	-0.03	**1.00**
Znw2	0.02	0.05	0.07	0.26	0.07	0.34	0.13	0.24	0.05	0.06	0.16	-0.02	0.34	0.23	0.06	0.14	0.17	0.21	0.18	0.06

Coefficients r>|0.06| is significant at the 0.05 confidence level; Coefficients r>|0.09| is significant at the 0.01 confidence level

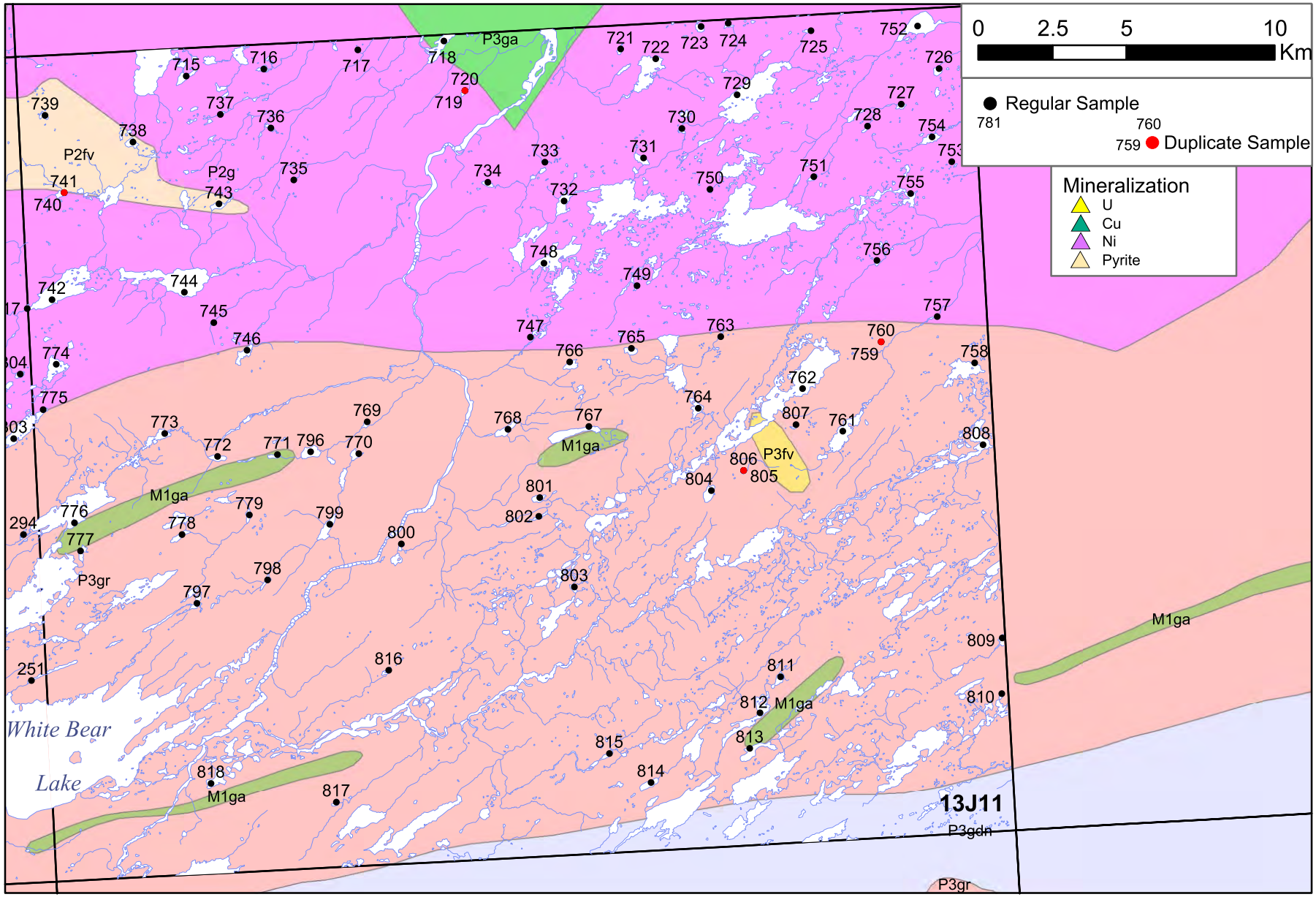

Figure 7. *Sample sites in relation to drainage and bedrock geology in NTS area 13J/11.*

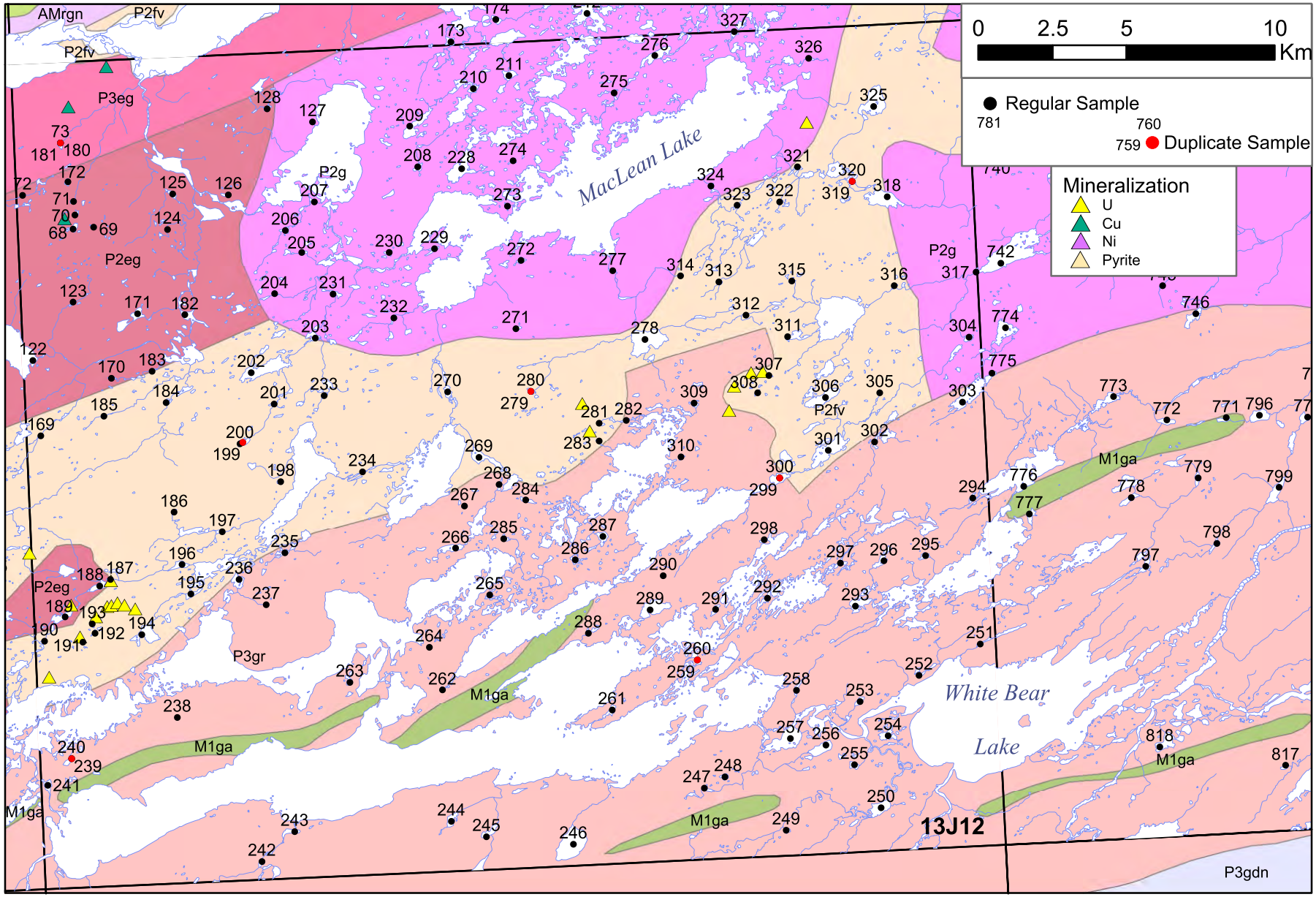

Figure 8. *Sample sites in relation to drainage and bedrock geology in NTS area 13J/12.*

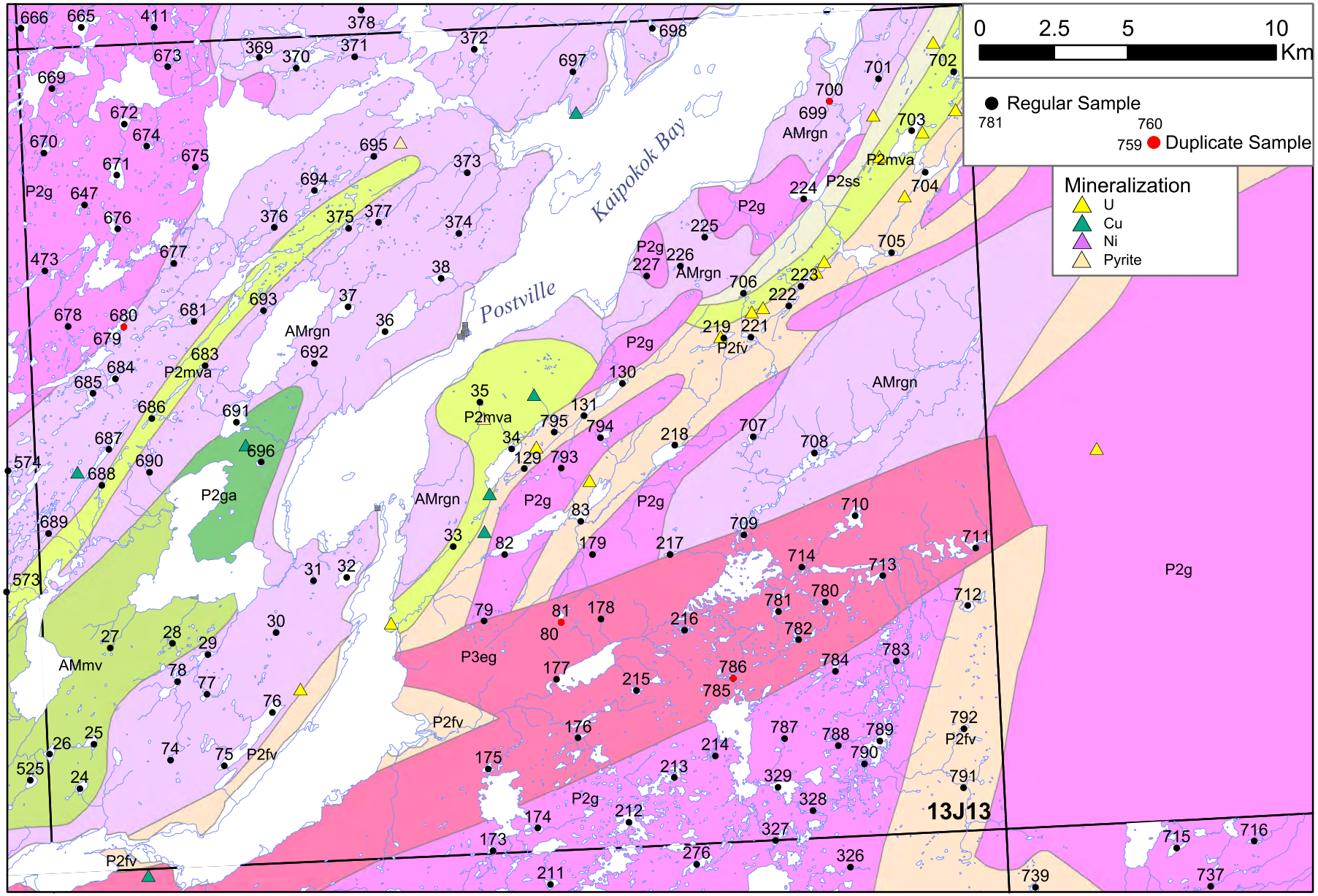

Figure 9. *Sample sites in relation to drainage and bedrock geology in NTS area 13J/13.*

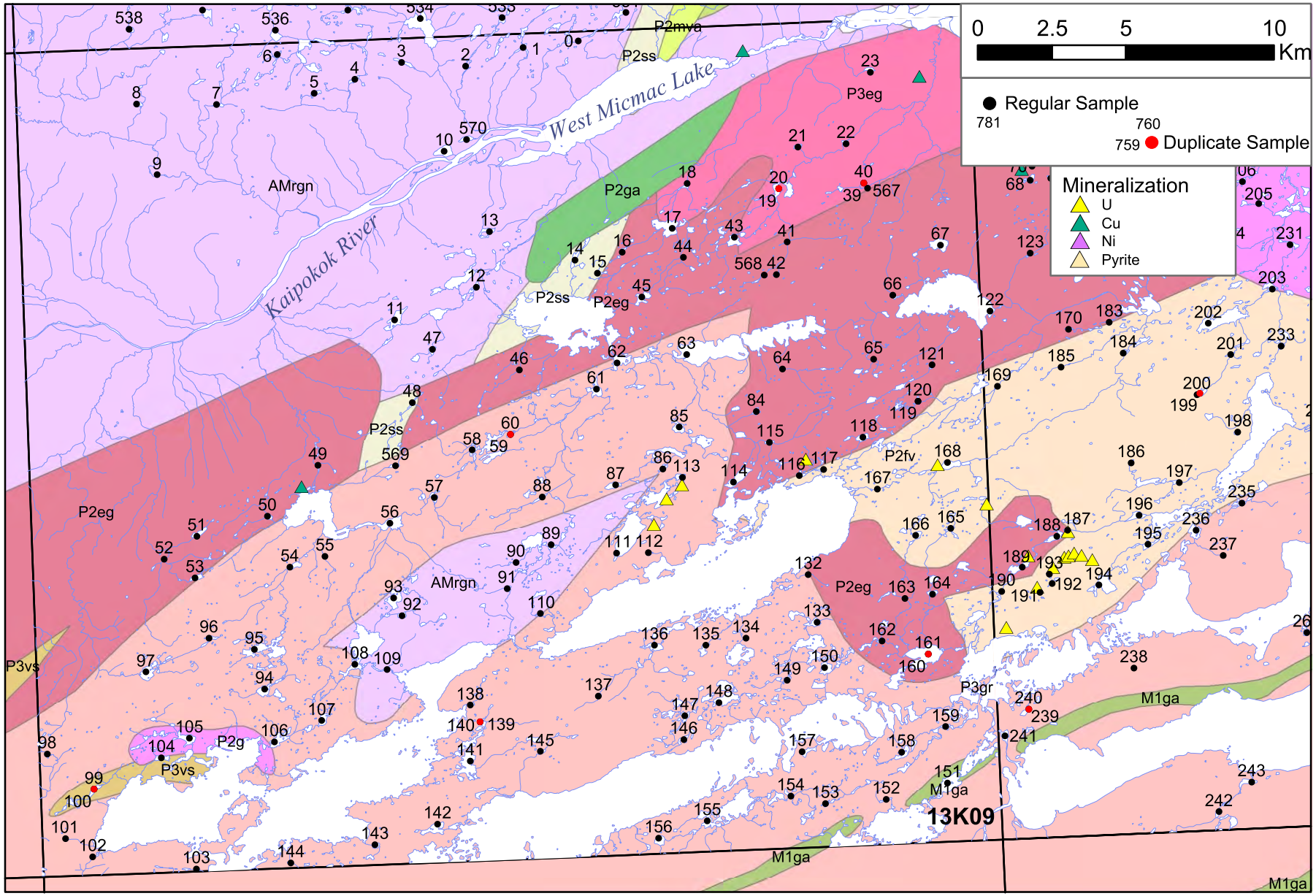

Figure 10. *Sample sites in relation to drainage and bedrock geology in NTS area 13K/09.*

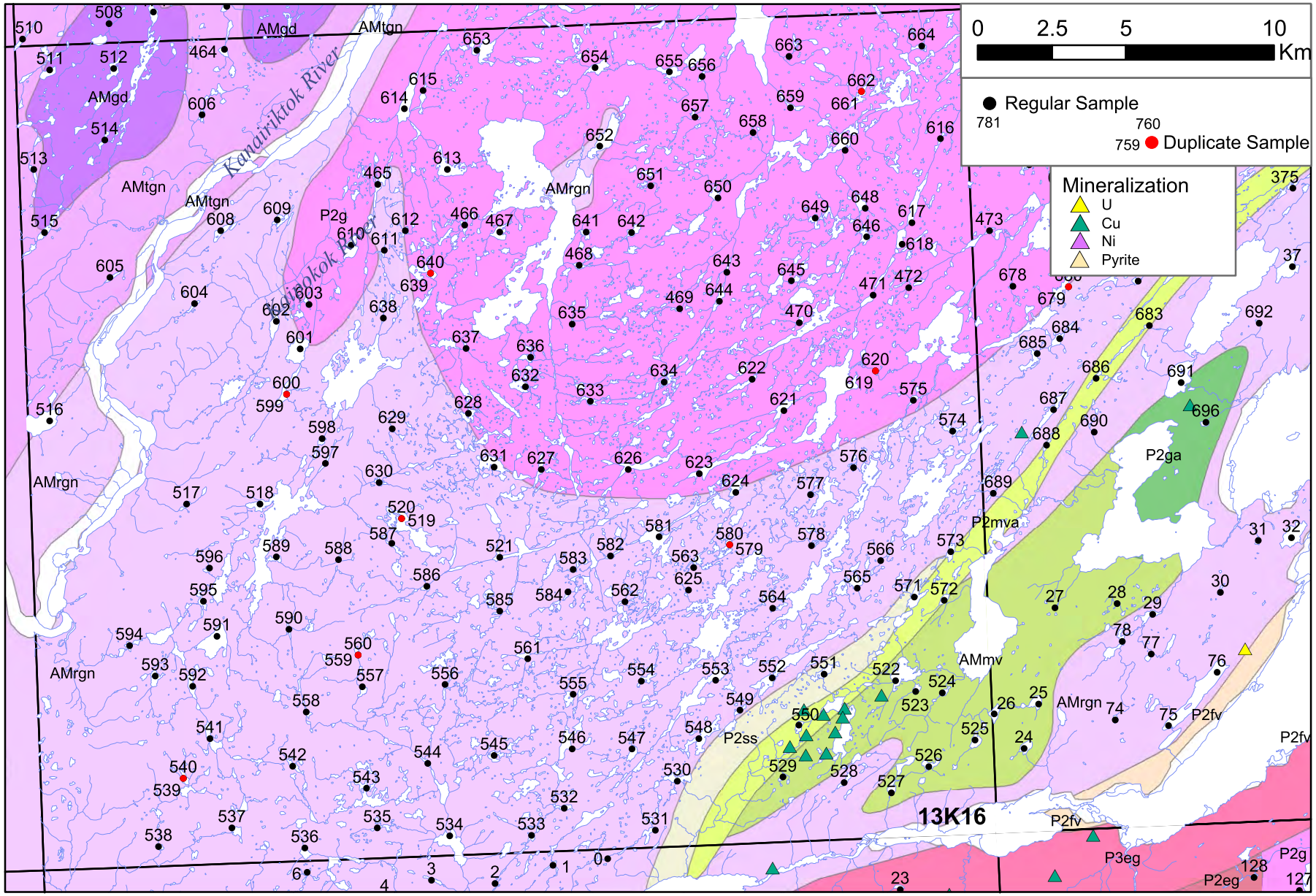

Figure 11. *Sample sites in relation to drainage and bedrock geology in NTS area 13K/16.*

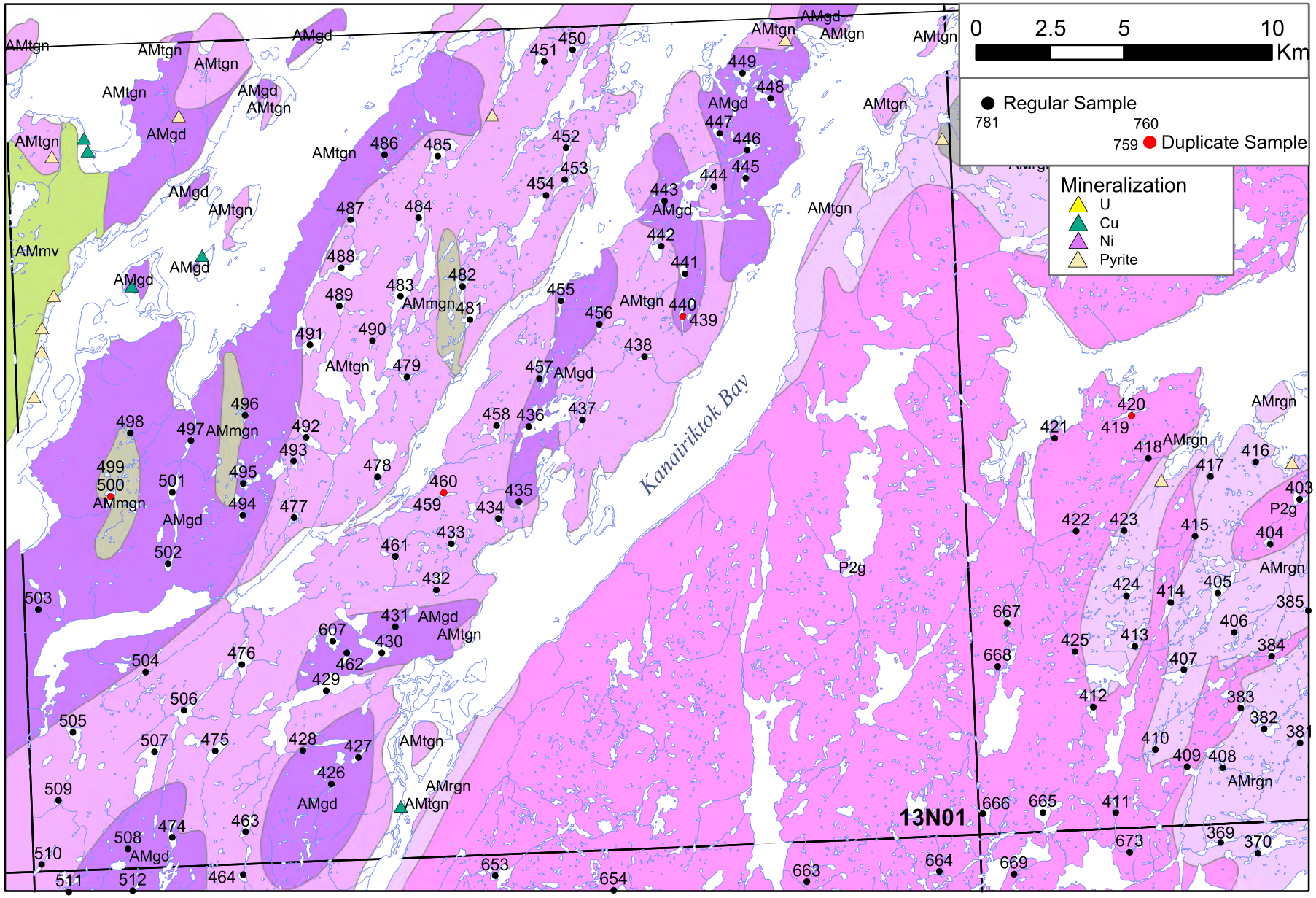

Figure 12. *Sample sites in relation to drainage and bedrock geology in NTS area 13N/01.*

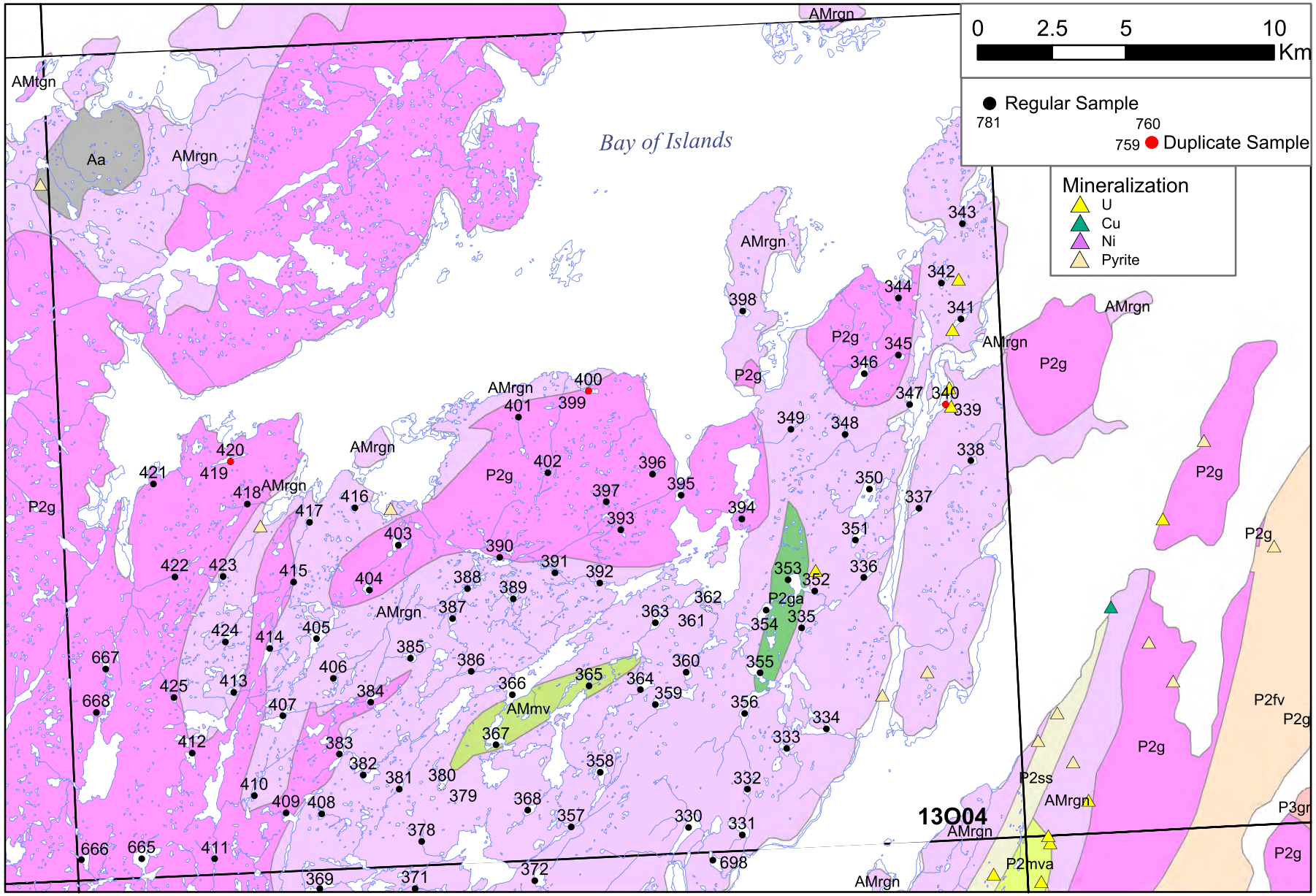

Figure 13. *Sample sites in relation to drainage and bedrock geology in NTS area 13O/04.*

interval was manually expanded to include more than the single sample that the Jenk's procedure produced. 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. Reference to the expanded geological legend (Figure 2b) may be useful when scrutinizing the symbol plots.

Sediment Data

Symbol plots of the distribution of LOI and iron (Fe2) are shown in Figures 14 and 15. The plot of LOI is different than the others in that the intervals are based not on the Jenk's distribution but on equal divisions of the data. In this case, each of the five symbol intervals includes 20% of the data. Loss-on-ignition is shown because, like iron, it can be regarded as an environmental parameter influencing the element content in sediment unrelated to bedrock source. For example the copper content of sediment has a correlation coefficient of 0.46 with LOI (Table 5).

The distribution of iron (Figure 15) in lake sediment might be regarded as a proxy for oxidizing conditions in the water column and the lake bottom. Unusually high Fe 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 values of metals that show a strong correlation with Fe should be interpreted in light of the Fe content of the sediment (Table 5).

Figures 16-18 include three elements – fluoride (F9), lanthanum (La2) and magnesium (Mg2) that might be regarded as good reflectors of bedrock. High values of fluoride (Figure 16) can be expected to be associated with highly differentiated and fluorite-bearing granitoid rocks. Here the high values are found mostly over two bedrock units – P2eg and P3eg. Figure 17 (La2) may be considered a proxy for most of the REEs. The high values are mostly from samples overlying Unit P3eg. Magnesium (Mg2) in Figure 18 has a distribution that contrasts with those of fluoride and lanthanum. Magnesium is more enriched in mafic rocks. This can be seen in the distribution where most of the high and elevated values are found over three largely mafic Archean units – AMgtn, AMrgn and AMgd.

The distribution of uranium (U1) is shown in Figure 19. Nineteen samples fall into the highest interval of 74-730 ppm uranium. Four of these, all in NTS area 13J/12, are near known uranium mineralization. The others are found remote from known occurrences. Seven, including the highest at 730 ppm, appear to overlie Unit P2g, which is mapped as granite and granodiorite. Also of note in this group of Unit P2g samples is the cluster of three high values found in the northern part of NTS area 13O/4. Nearby are five other samples having elevated uranium values that suggest, at the very least, that this intrusion is quite enriched in the metal. Four more high samples overlie the mid Paleoproterozoic granite, Unit P2eg.

The distribution of molybdenum (Mo2), another element that is associated with felsic rocks, is shown in Figure 20. Two of the three high values and three elevated values occur in samples from lakes overlying Unit P3eg, a high level, locally fluorite-bearing granite. The third is found in NTS area 13K/9 overlying Unit P3gr, mapped as a granitoid forming part of the Trans-

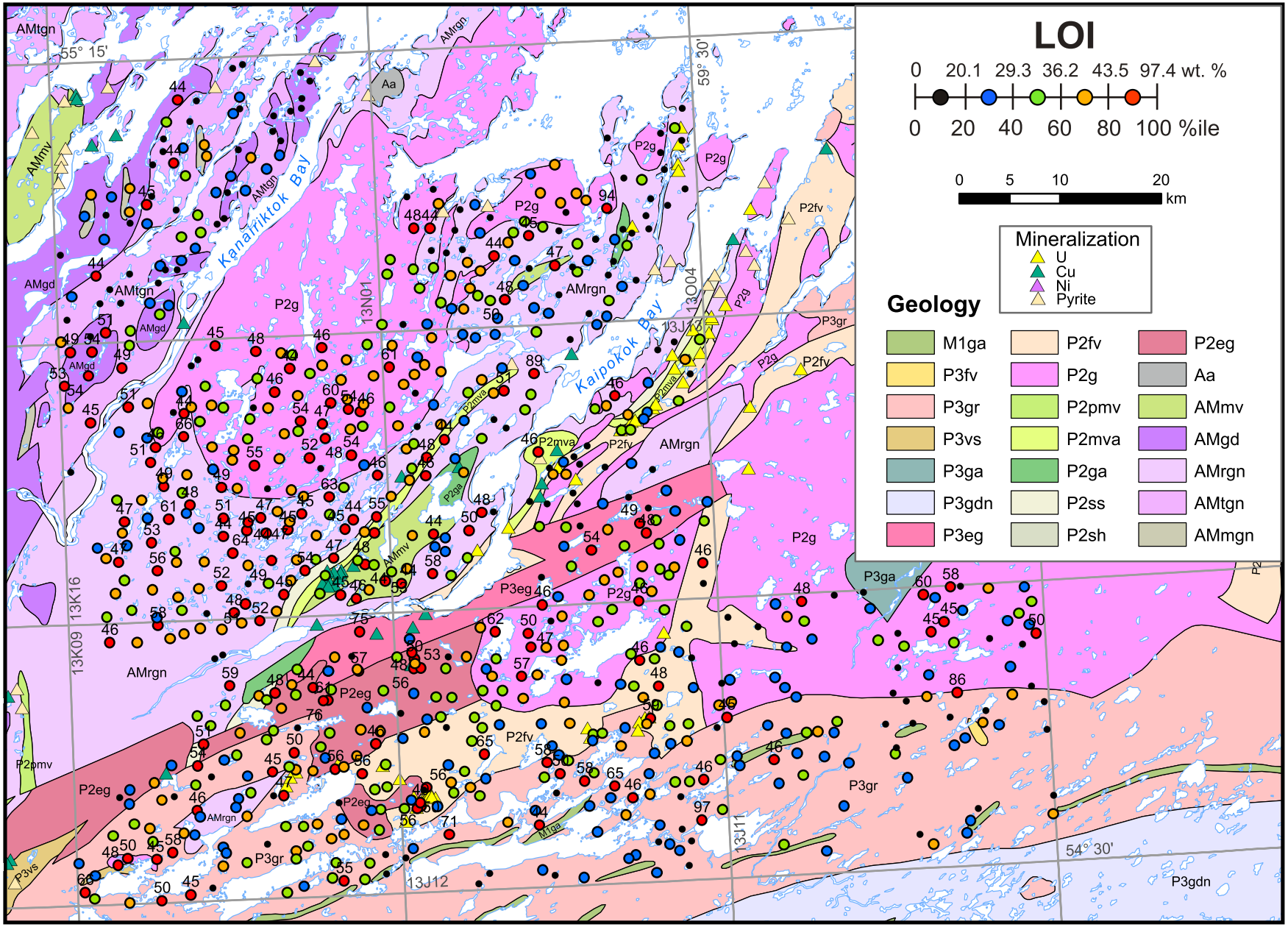

Figure 14. *Loss-on-ignition (LOI) in lake sediment.*

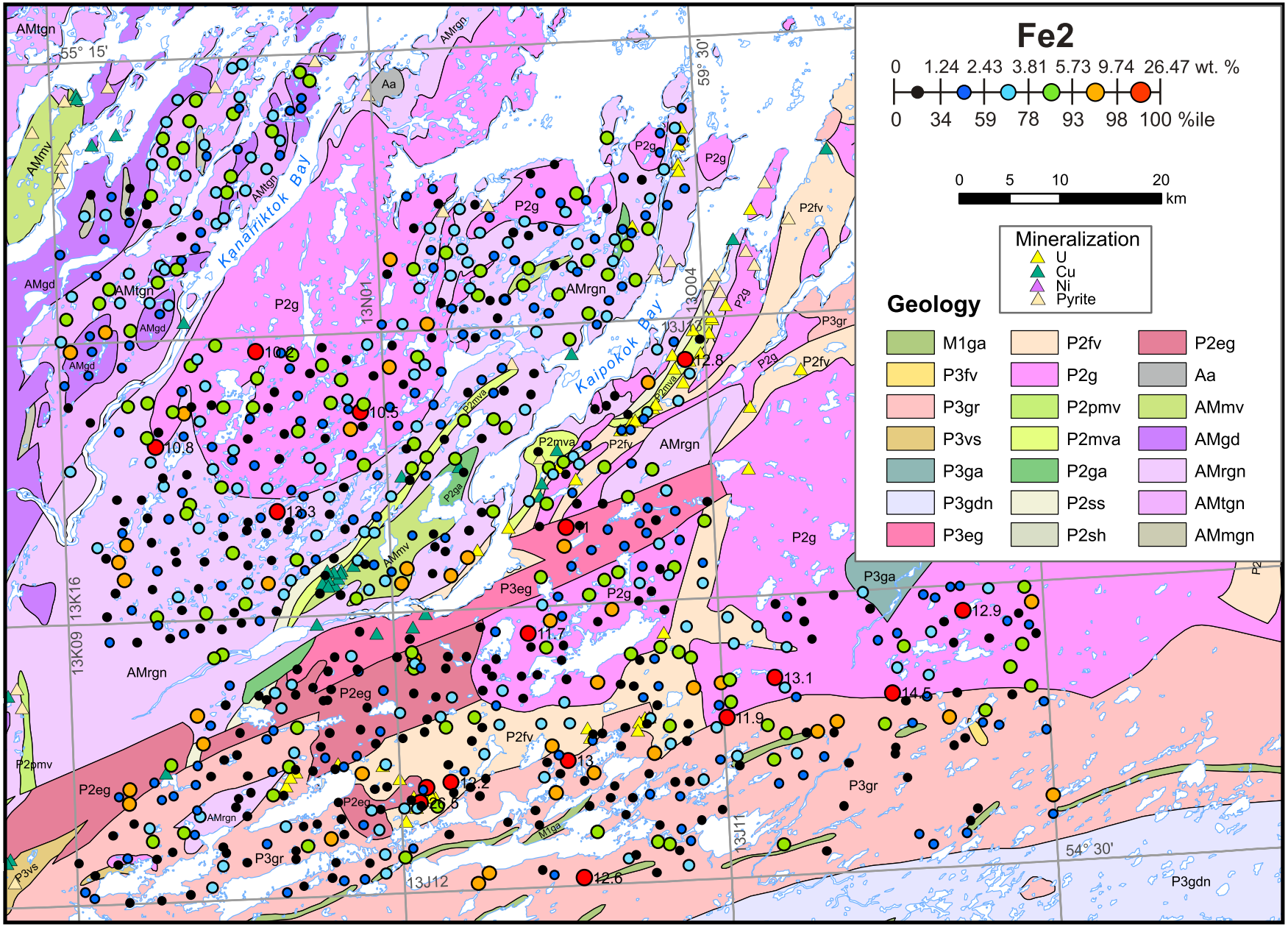

Figure 15. *Iron (Fe2) in lake sediment.*

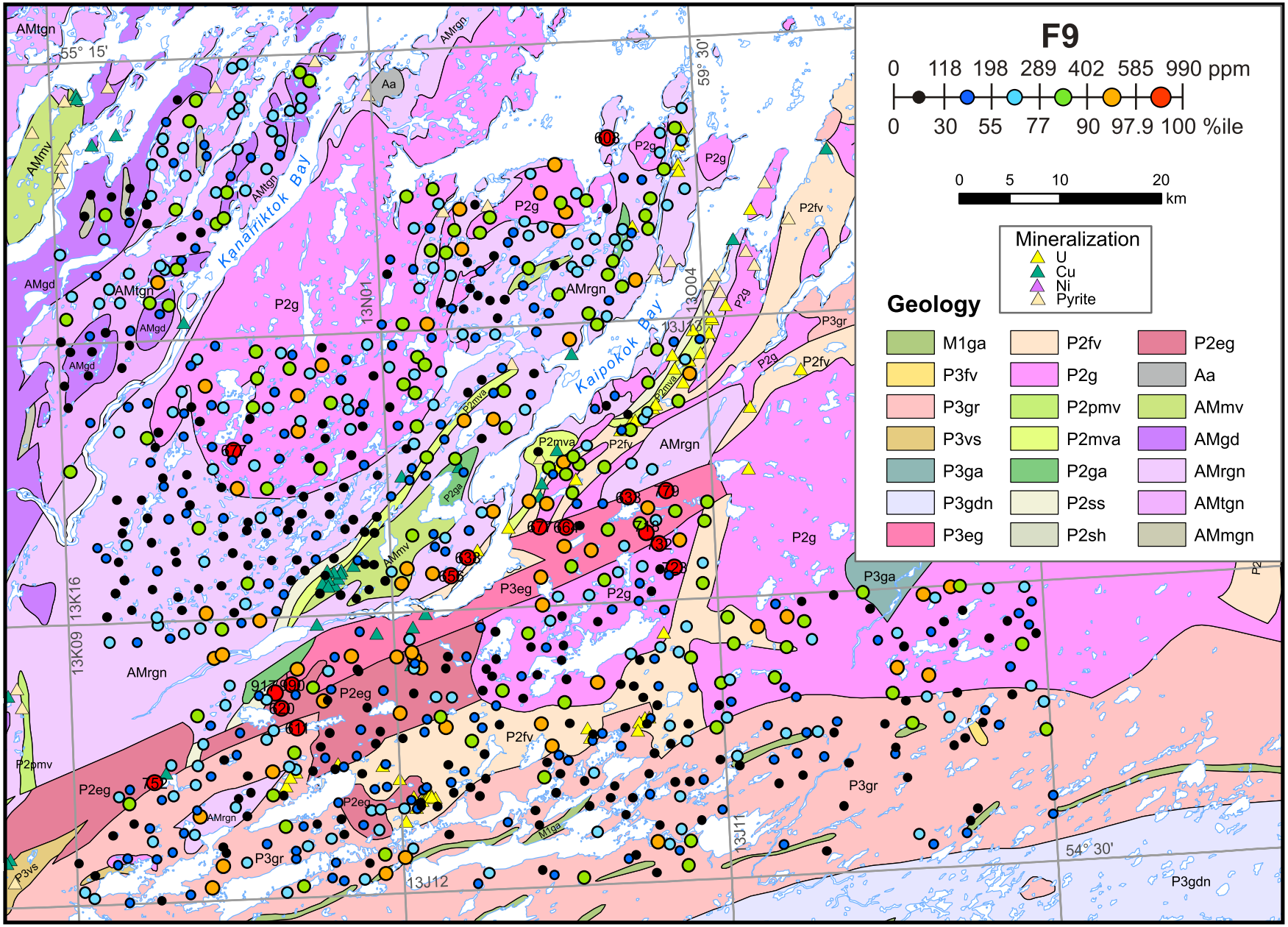

Figure 16. *Fluoride (F9) in lake sediment.*

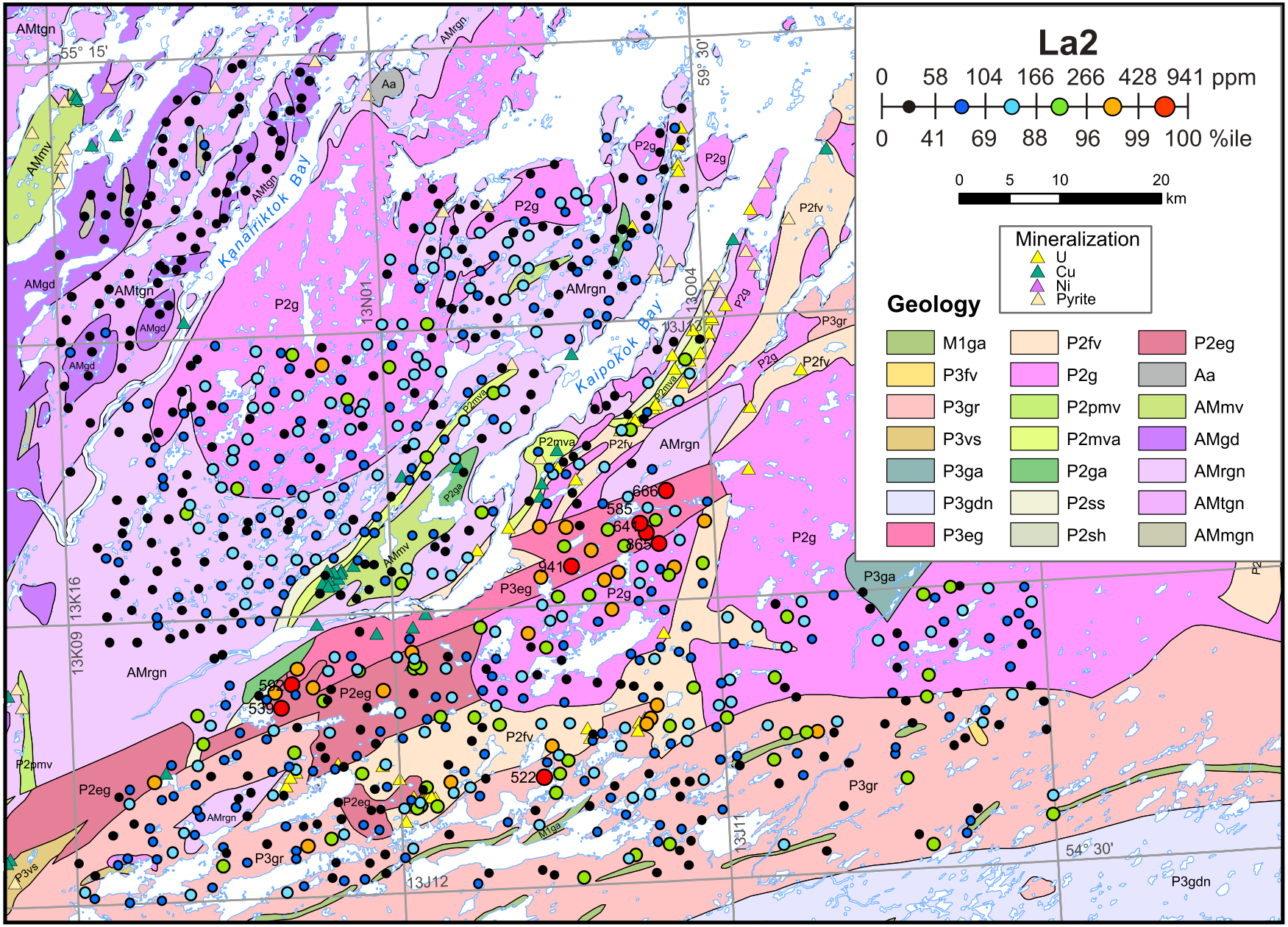

Figure 17. *Lanthanum (La2) in lake sediment.*

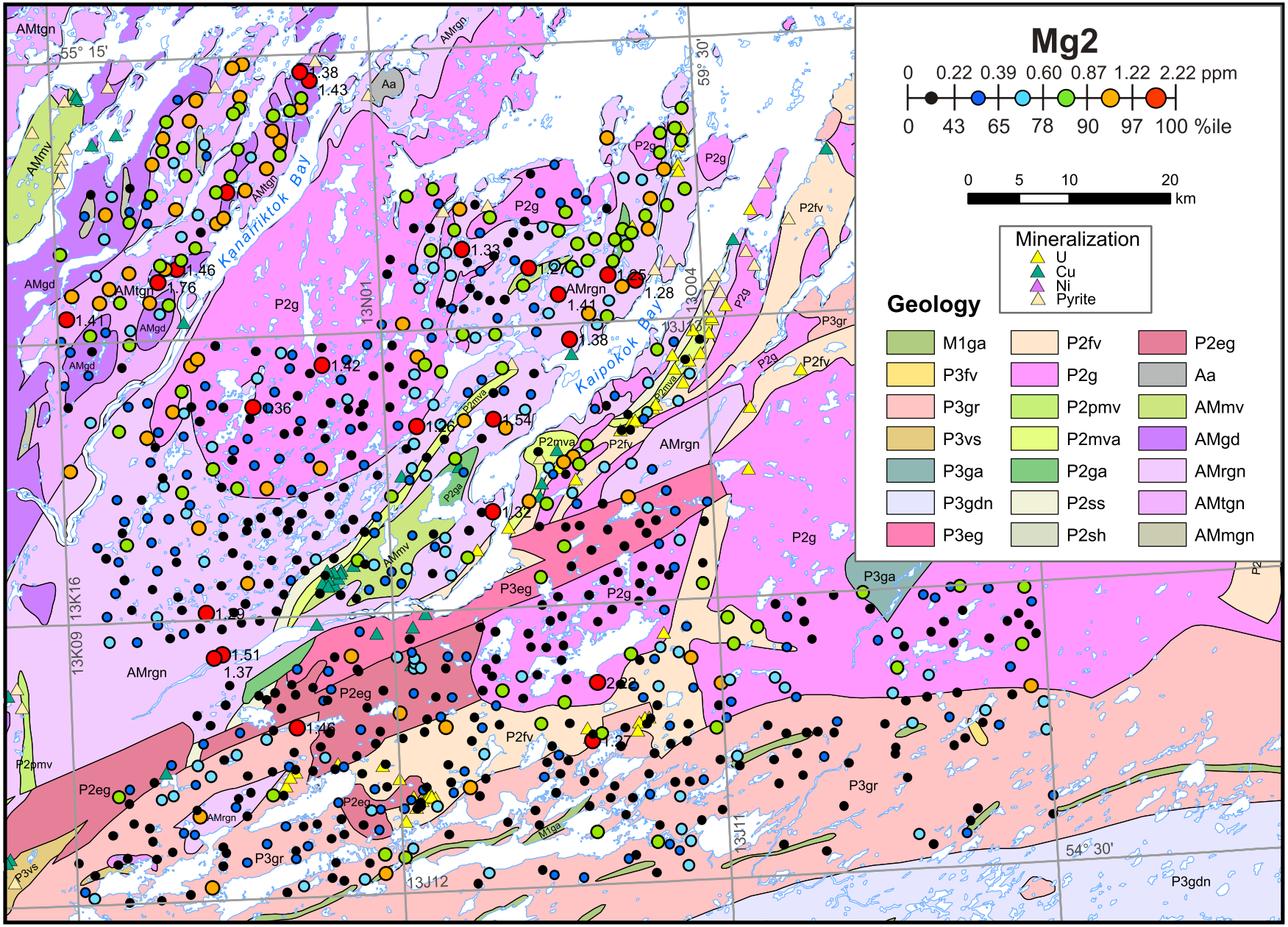

Figure 18. *Magnesium (Mg2) in lake sediment.*

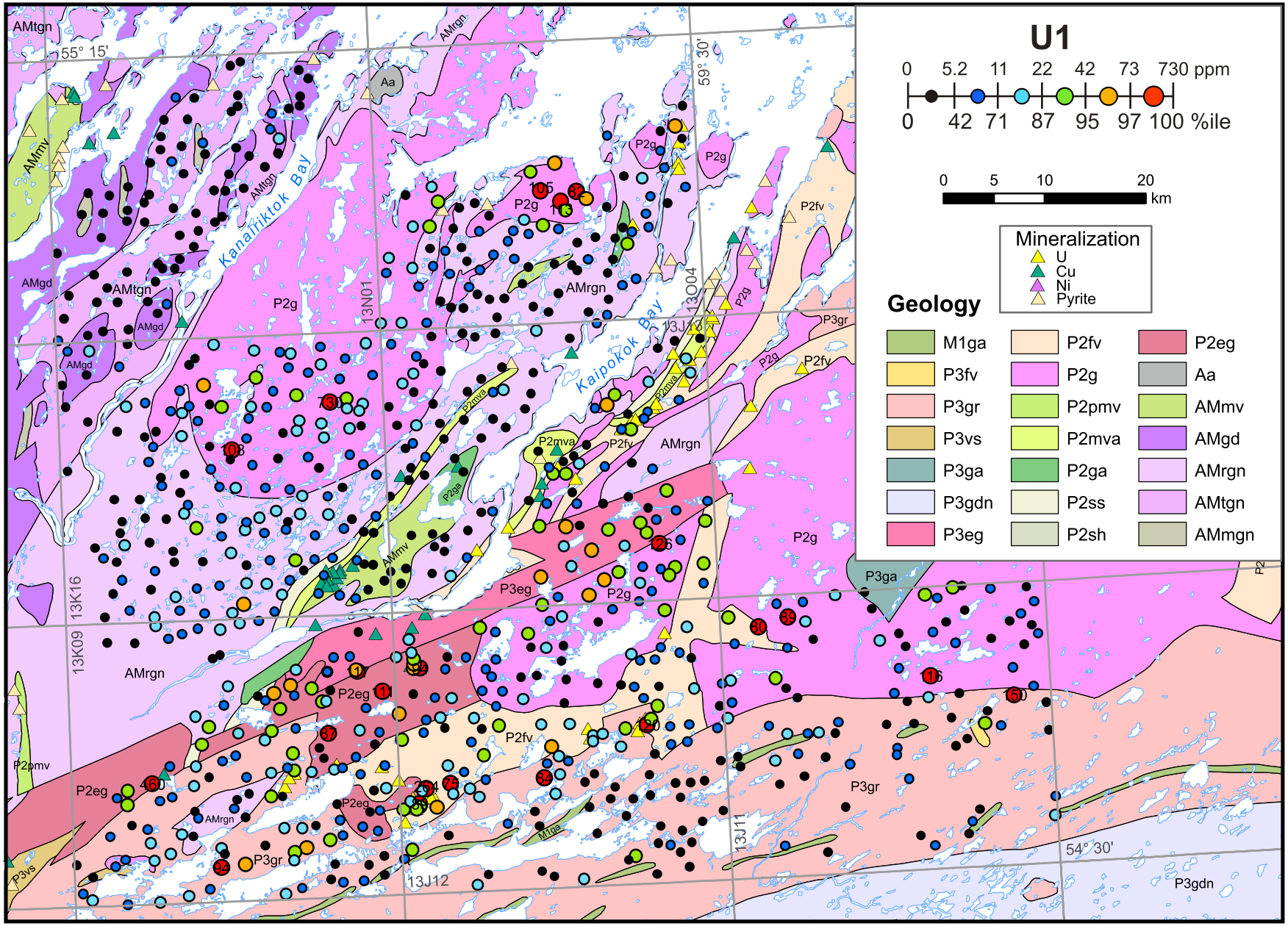

Figure 19. *Uranium (U1) in lake sediment.*

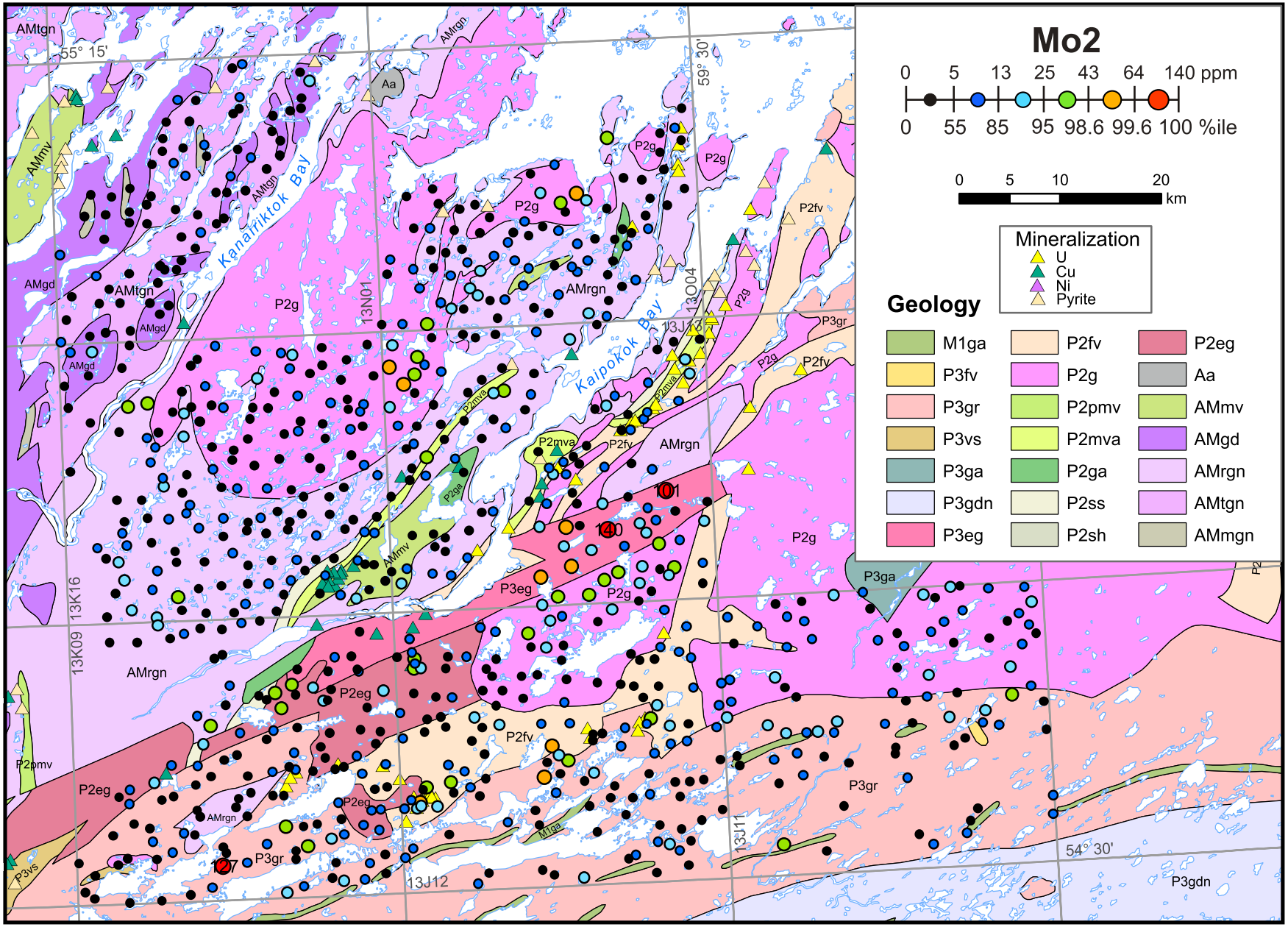

Figure 20. *Molybdenum (Mo2) in lake sediment.*

Labrador batholith. A cluster of green and orange symbols is found overlying Unit P2g in NTS area 13J/13.

The distribution of gold (Au1) is shown in Figure 21. There are six samples that have gold values in the highest interval, 15-25 ppb. All are from Paleoproterozoic terrain and three are found close to the Melody Hill North copper occurrence in NTS area 13J/12. The triangular mineralization symbol is obscured by the the red symbols in Figure 21. Although the occurrence is shown on the 1:1 000 000-scale geology map as being underlain by Unit P2eg, in fact the mineralization is described (MODS) as being hosted by amphibolitic rocks of the Aillik Group. The three high values are within a 1 km radius of the mineralization. A fourth high value is found 5 km to the west in NTS area 13K/9. A fifth high value is also found in NTS area 13J/12, apparently underlain by rocks of the Trans-Labrador batholith (Unit P3gr); an elevated sample (11 ppb Au1) is found 2 km to the southeast. The sixth sample, and the one with the highest value (25 ppb Au1), is located in NTS area 13J/11 in an area underlain by granite or granodiorite.

The distribution of the possible gold pathfinder element As1 is shown in Figure 22. Although there is no statistical correlation between arsenic and gold (Table 5), one of the two highest As1 samples is coincident with a high Au1 sample in NTS area 13J/12. Both high As1 samples are close to known copper mineralization.

The distribution of copper (Cu2) is shown in Figure 23. Four of the seven highest values are found very close to the Melody Hill North copper occurrence in NTS area 13J/12. Three of these are coincident with high gold values. Two other high copper values are found in the southwest part of NTS area 13J/13. The samples are underlain by the Archean Unit AMmv consisting predominantly of mafic volcanic and volcaniclastic rocks. This unit hosts ten copper occurrences a few km to the west. The seventh high value is from a sample obtained in the northeast part of NTS area 13K/16. It is underlain by Unit P2g.

The distribution of zinc (Zn2) is shown in Figure 24. All seven of the highest value samples are from areas underlain by Paleoproterozoic rocks. Four of these are within 1 to 2 km of known mineralization. One is near the Melody Hill North copper occurrence and three are near known uranium mineralization. The remaining three high samples are unexplained.

Water Data

The distribution of the pH of water samples is shown in Figure 25. There is a strong association of the most alkaline (red) samples and many orange samples with rock composition, notably with Units AMmv (dominantly mafic volcanic and volcaniclastic rocks), with Unit P2mva (schistose amphibolite derived from mafic volcanic rocks) and with the northern part of Unit P2fv in NTS area 13J/12. This last unit consists of a mixed lithology of felsic volcanic and hypabyssal rocks, volcaniclastic siltstone and sandstone and minor basalt. The alkaline water samples are likely found over the mafic portions or possibly over carbonate-rich sedimentary portions. The most acid samples (black and blue symbols) are most widespread in the southern part of the survey from lakes overlying rocks of the Trans-Labrador batholith (Unit P3gr).

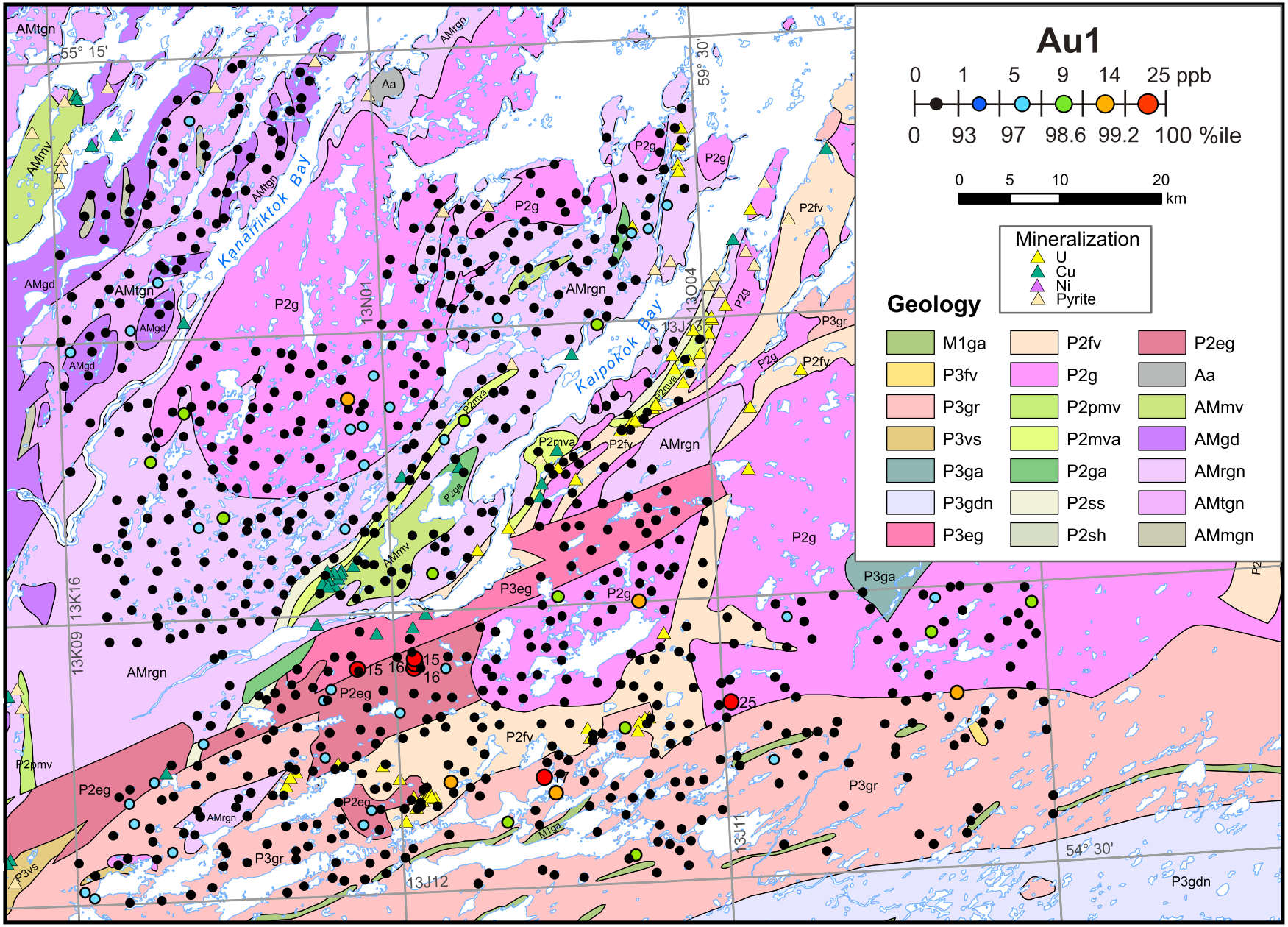

Figure 21. *Gold (Au1) in lake sediment.*

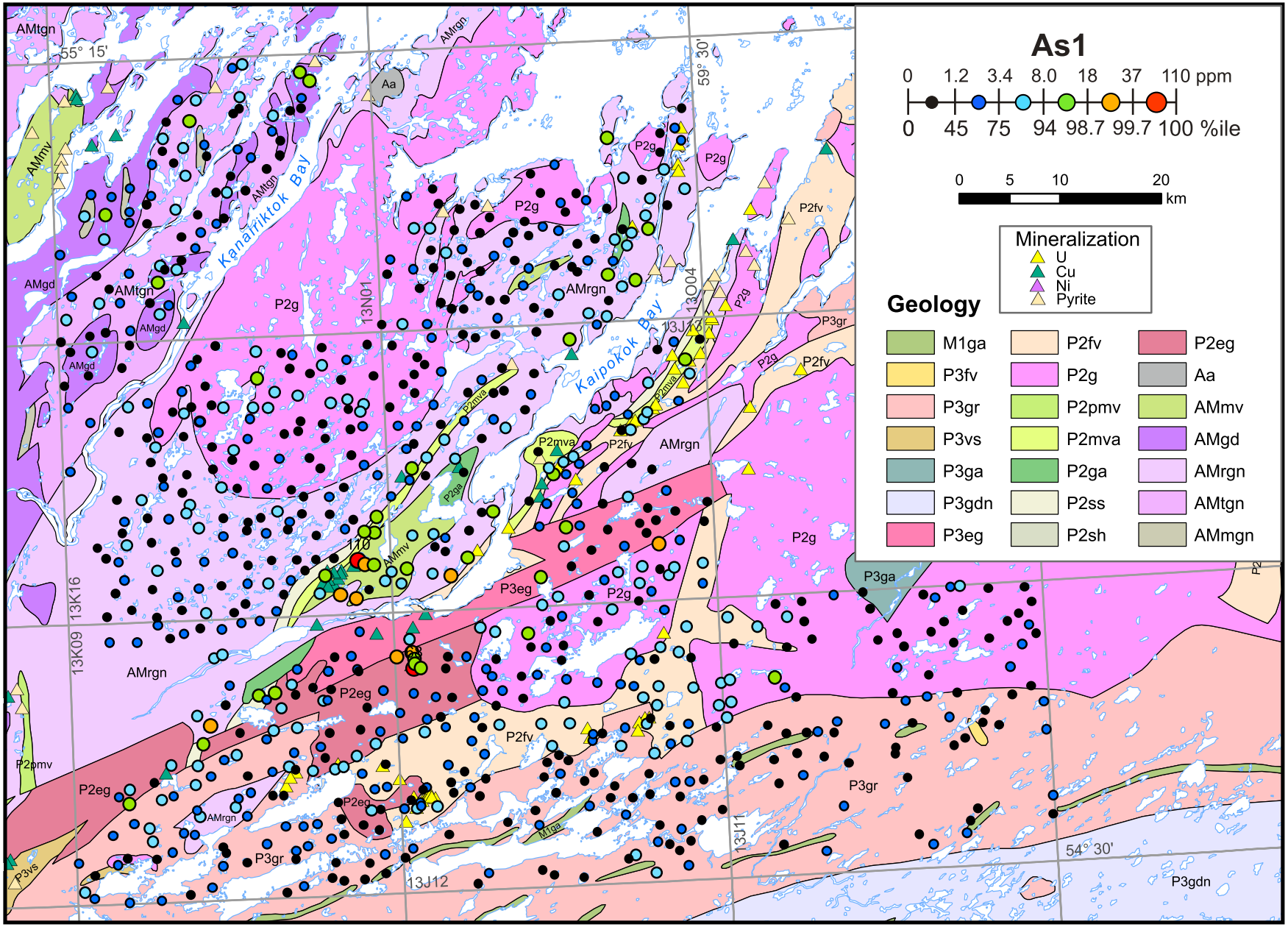

Figure 22. *Arsenic (As1) in lake sediment.*

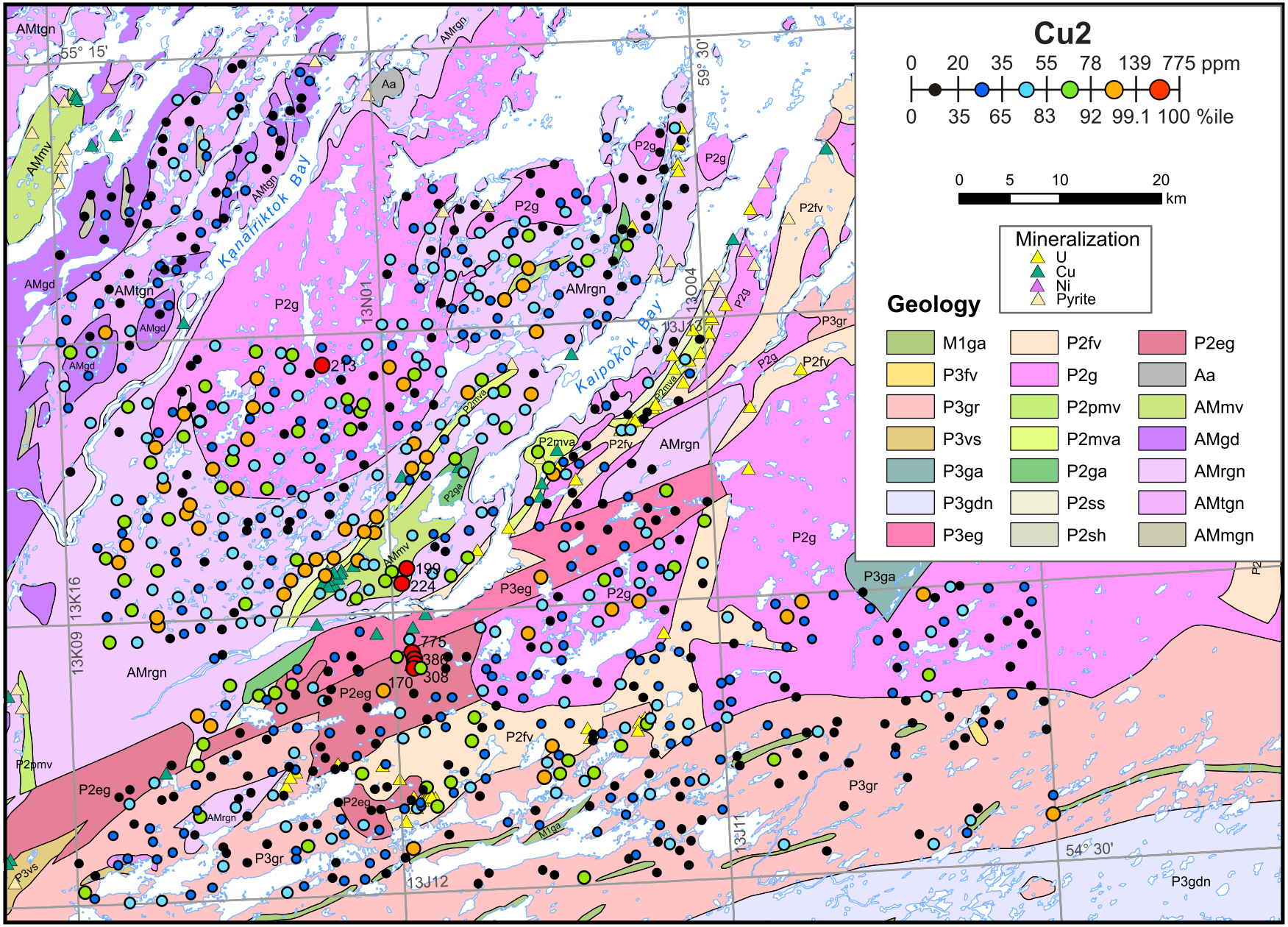

Figure 23. *Copper (Cu2) in lake sediment.*

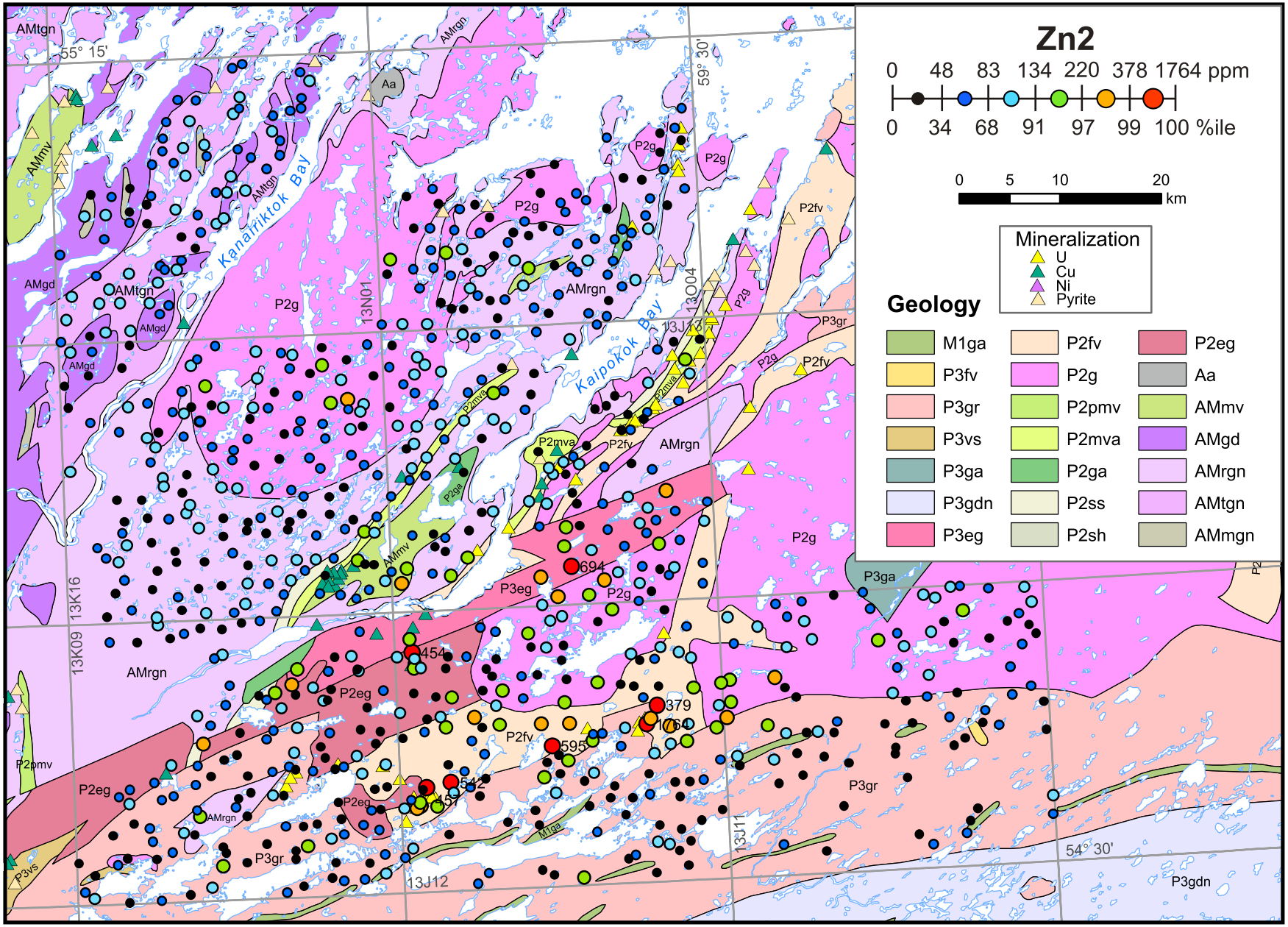

Figure 24. *Zinc (Zn2) in lake sediment.*

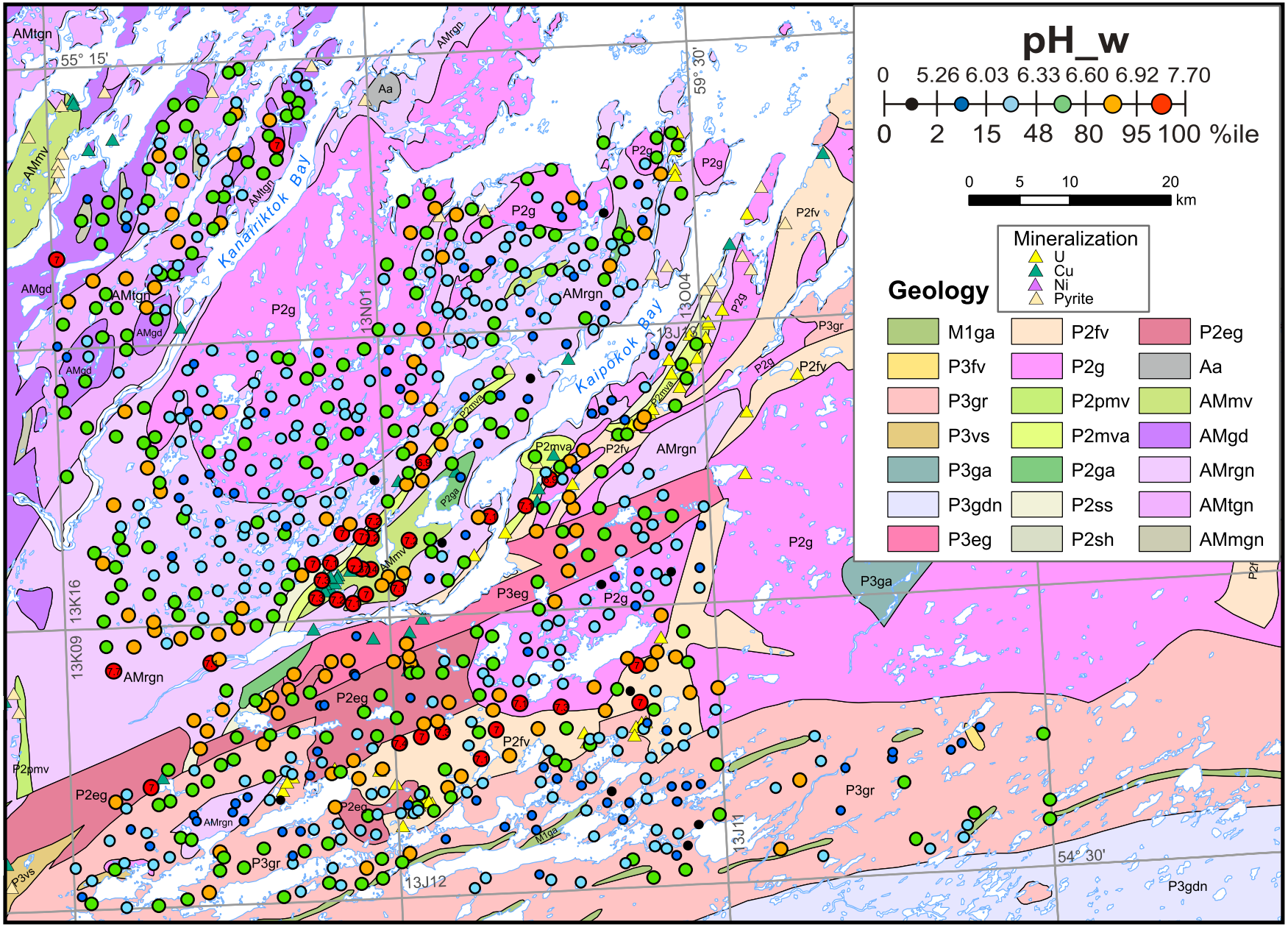

Figure 25. *Acidity (pH_w) of lake water.*

The distribution of conductivity (Figure 26) shows a strong grouping of values by area and by rock type. Three of the six highest values and many of the elevated samples are found in lakes in the north and near the coast. These likely reflect some lake contamination by salt spray or mist. Another group of high and elevated samples overlie mafic rocks of Units AMmv and P2mva in NTS areas 13J/13 and 13K/16. Low conductivity waters predominate in the southern part of the survey area particularly over rocks of the Trans-Labrador batholith and over the gneissic rocks and granitoid rocks in NTS area 13K/16.

The distribution of Fe in water is shown in Figure 27. The concentration of Fe in surface water is largely controlled 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, the presence of high Fe levels in some lakes in Figure 27 indicates that these waters were not yet in equilibrium with atmospheric oxygen and likely entered the lakes from bogs or groundwater sources shortly before sampling.

The distribution map of calcium in water (Figure 28) is similar to that of conductivity - not surprising since the two variables have a correlation coefficient of 0.78. It differs in lakes along the north coast of the survey where the Ca enrichment is less pronounced than is the conductivity.

The distribution of magnesium in water is shown in Figure 29. The locations of the highest values are similar to those of conductivity and suggest strongly the influence of seawater contamination. The Mg content of seawater is much higher than that of freshwater, 1300 ppm (Krauskopf, 1967) vs the freshwater median of 0.32 ppm found in this survey (Table 4). Thus, only a small input of seawater in the form of mist or wind-driven spray could effect the resulting analyses. Another possible source of Mg, in areas below the glacial marine limit, is from glacial sediments deposited in a marine environment (M. Batterson, personal communication, 2008). Elsewhere there appears to be a reflection of bedrock as observed with green to orange symbols over mafic volcanic rocks in NTS areas 13J/13 and 13K/16, and green and red symbols over the mafic hosted copper mineralization in 13J/12.

The Jenks distribution of uranium in water (Uw3) is shown in Figure 30. Because of the presence of one very high value (2.64 ppb Uw3), there is only one sample falling into the red interval. In fact, because of the grouping algorithm applied, the red symbol, all the orange ones and some of the green symbols in the water map have the same percentile ranges as the red symbols in the uranium in the sediment map (Figure 19). To better compare the water and sediment dispersions, a second map (Figure 31) was generated for Uw3 using the same percentile intervals as used for U1 in Figure 19. These two maps of U1 and Uw3 share many similarities as can be expected with a correlation coefficient between the two media of 0.59. However they also have interesting differences that yield some different targets. Perhaps most apparent is in the northern part of NTS area 13O/4 where there are considerably more high uranium in water values than high sediment values. To a lesser extent this is also true to the west of Kanairiktok Bay in NTS area 13N/1. Another area that receives more emphasis in the water data is on the west side of Kaipokok Bay in NTS area 13J/13 where there is a cluster of 3 elevated values, the highest being 1.18 ppb Uw3.

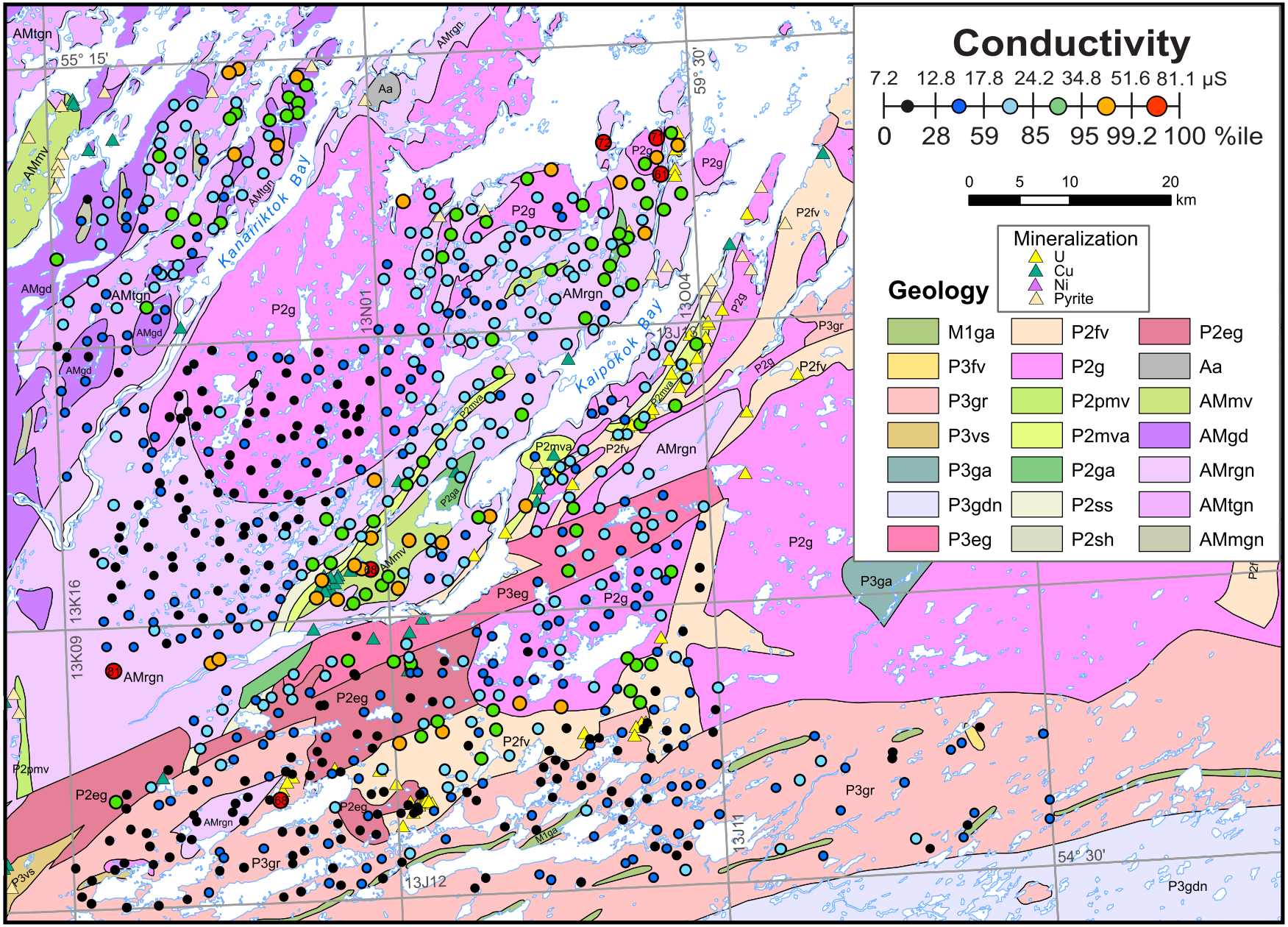

Figure 26. *Conductivity in lake water.*

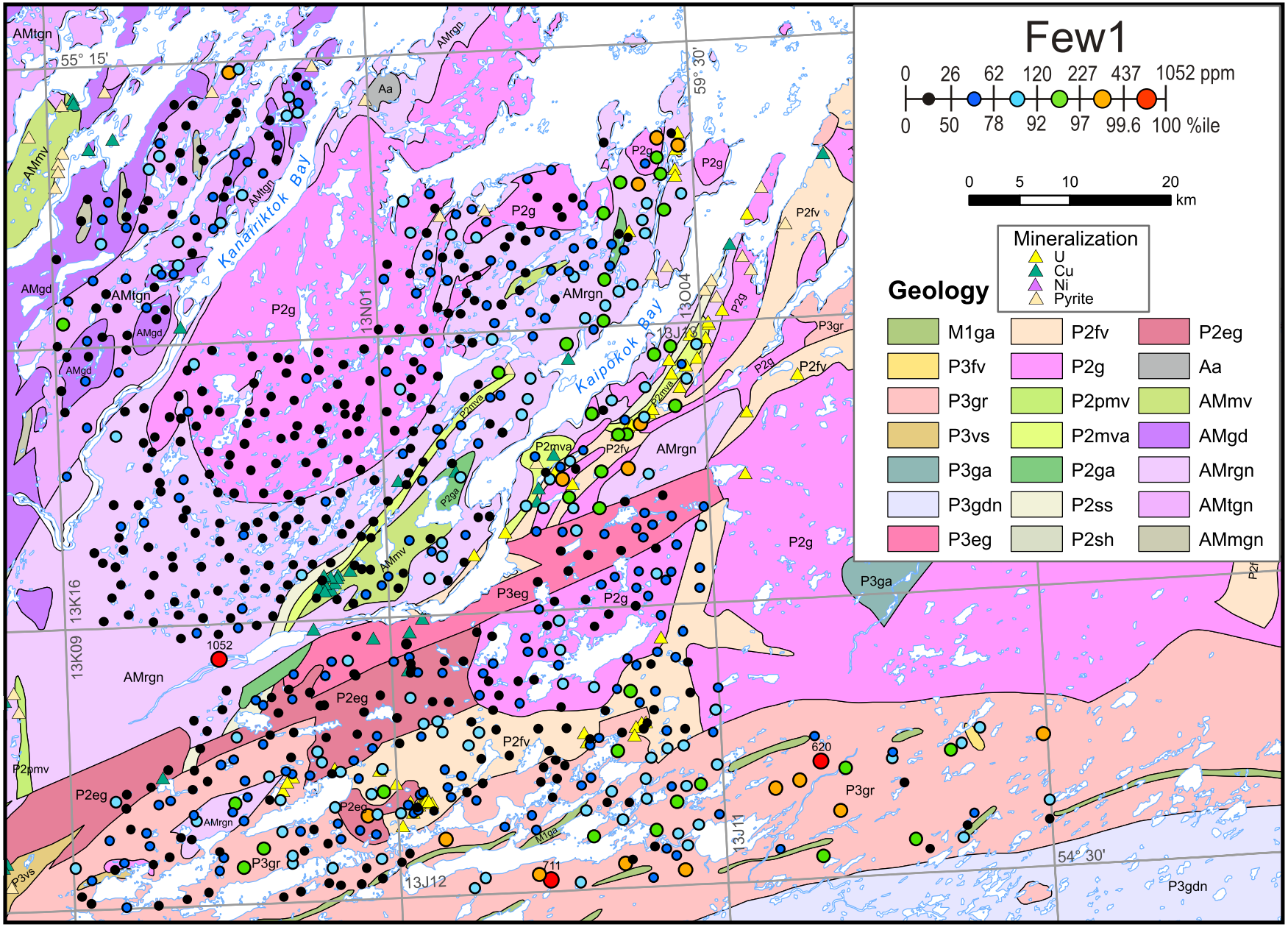

Figure 27. *Iron (Few1) in lake water.*

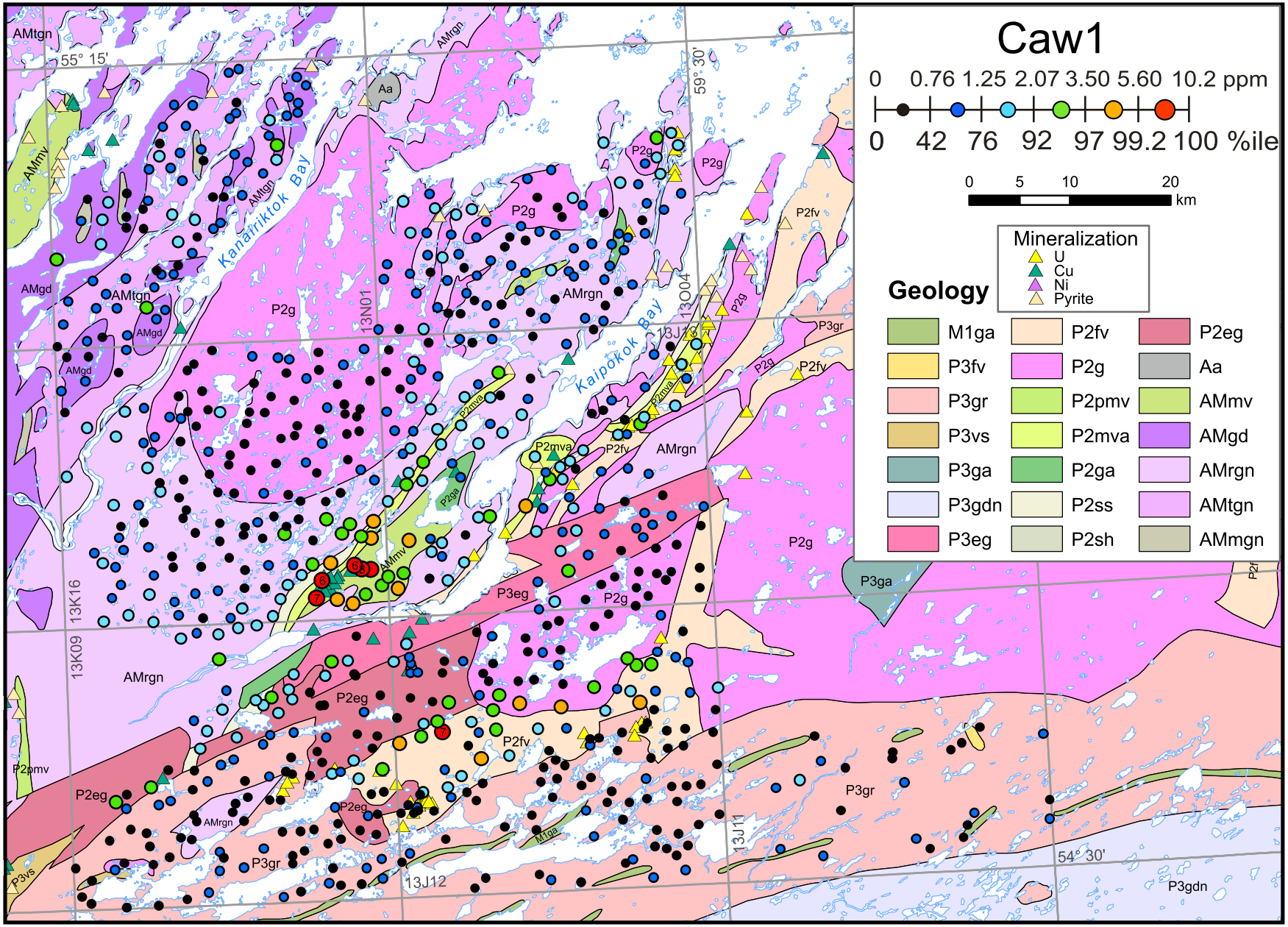

Figure 28. *Calcium (Caw1) in lake water.*

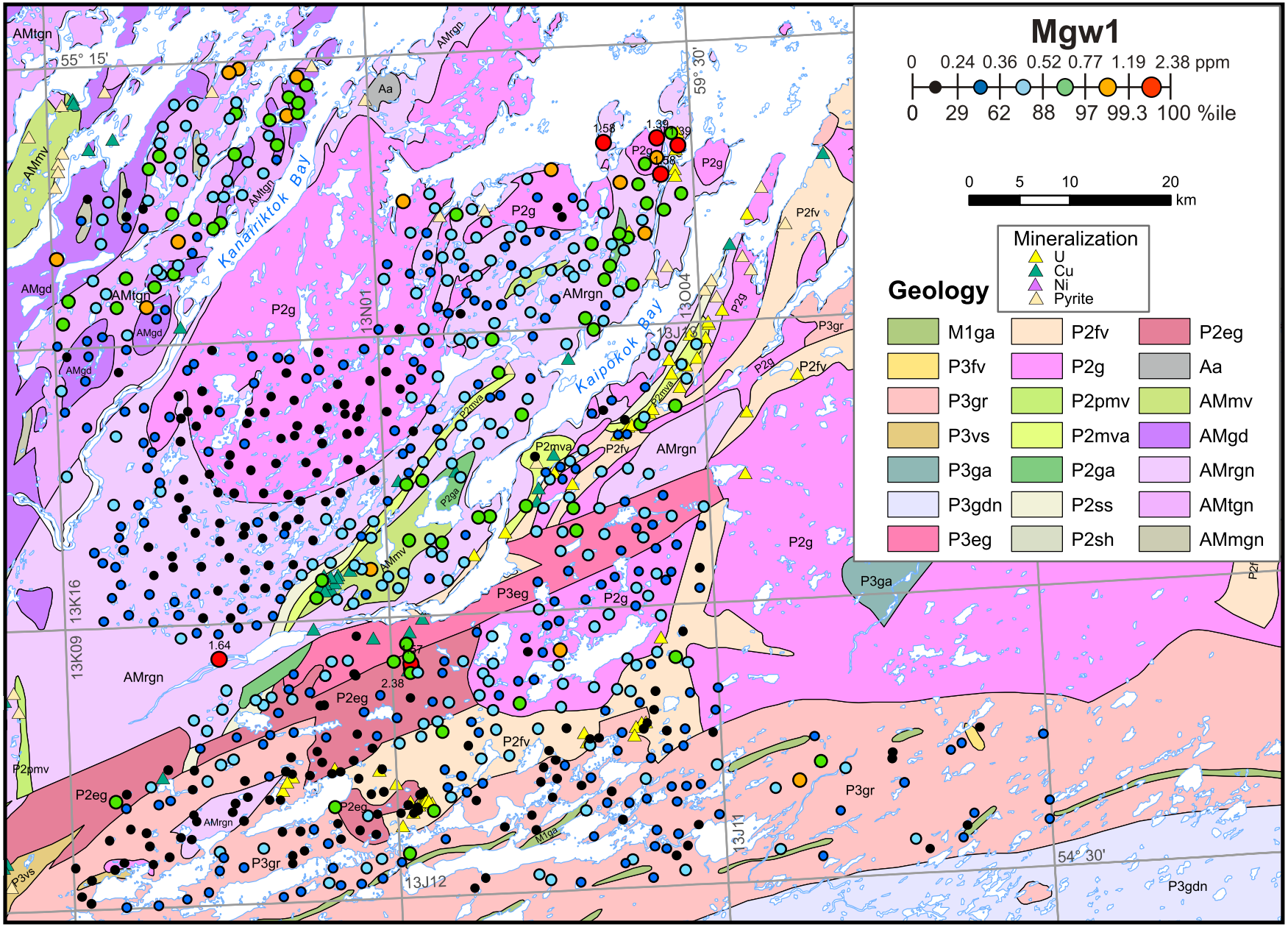

Figure 29. *Magnesium (Mgw1) in lake water.*

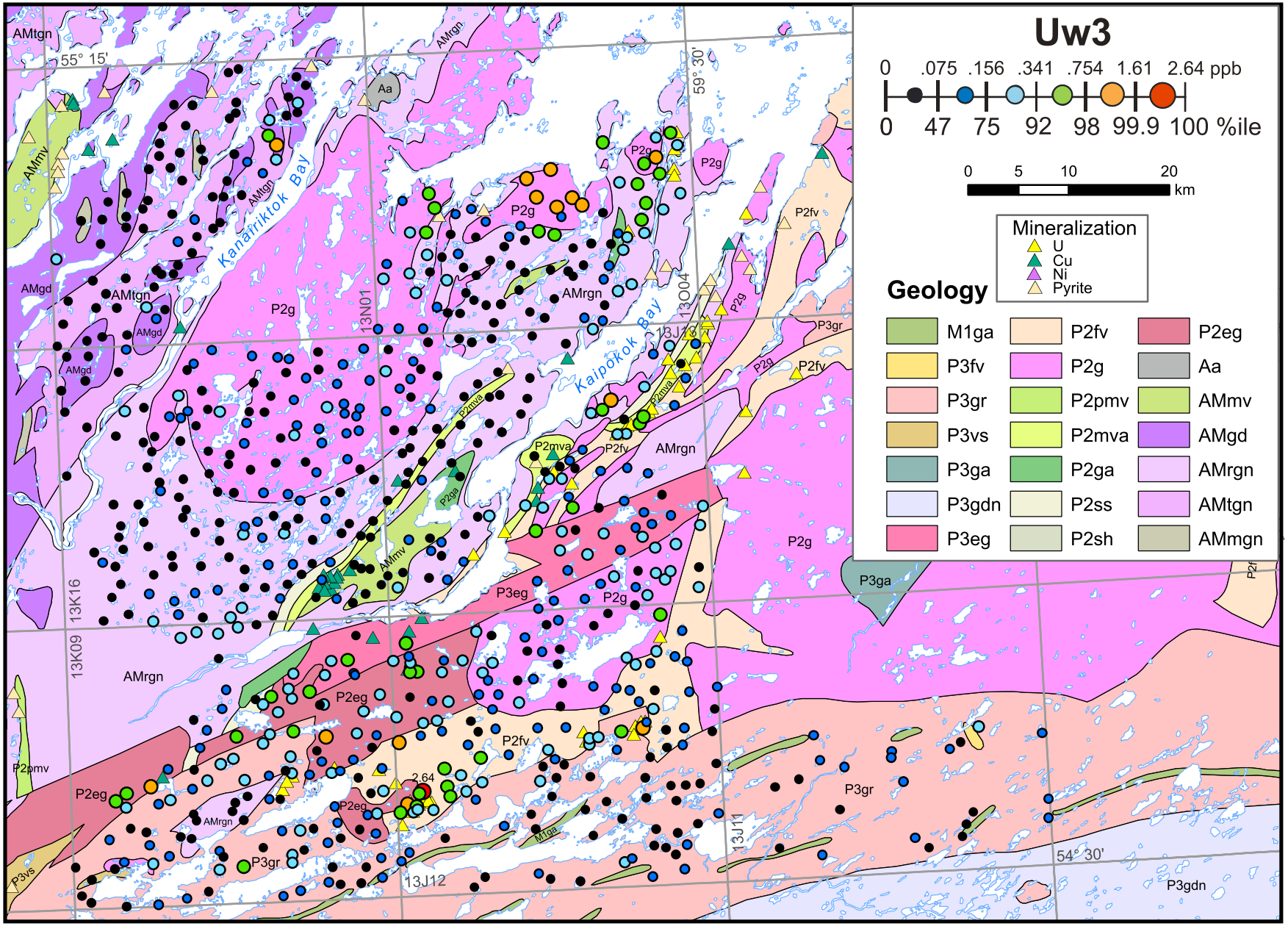

Figure 30. *Uranium (Uw3) in lake water.*

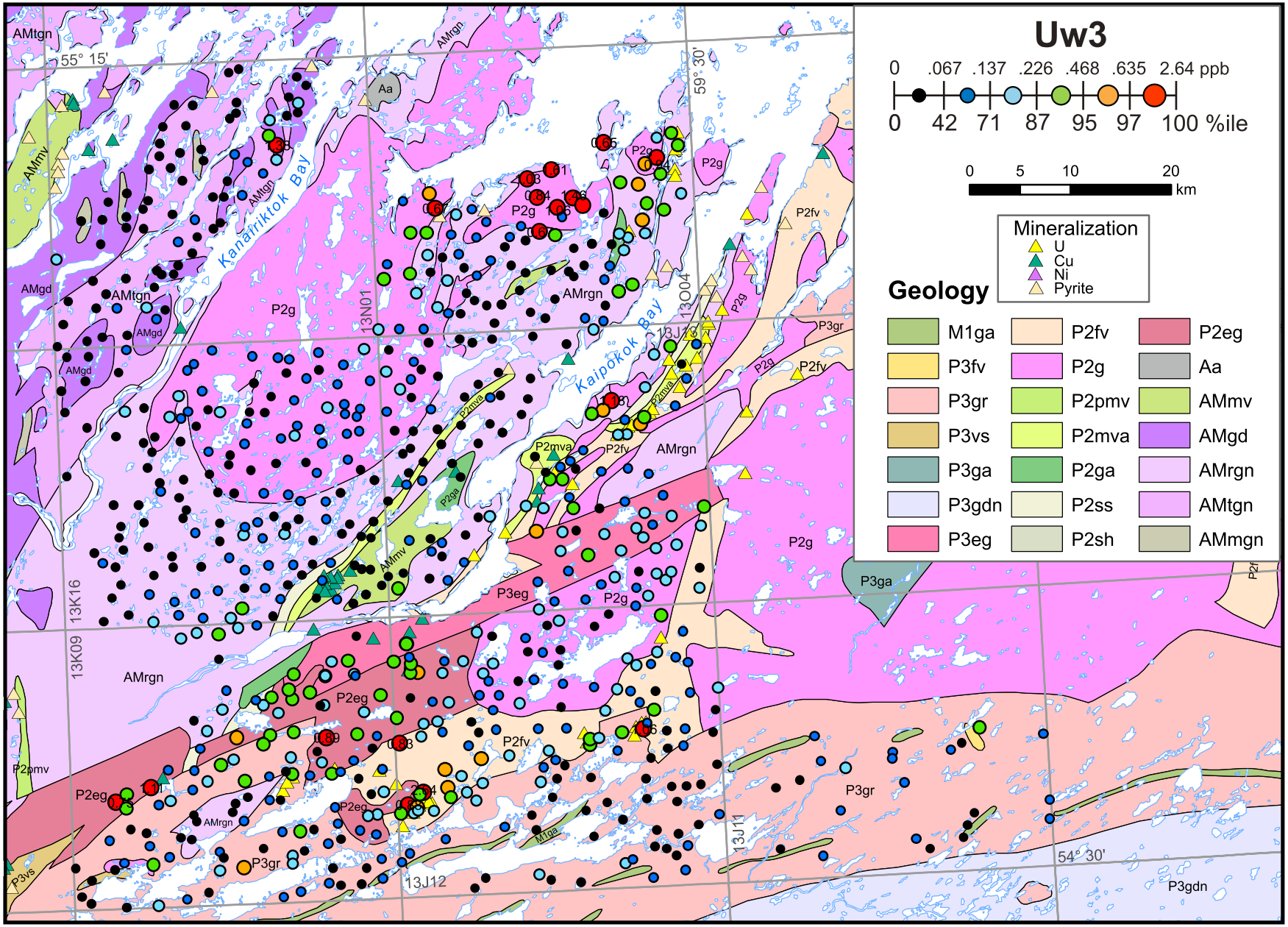

Figure 31. *Uranium (Uw3) in lake water using same frequency intervals as used for U1.*

The distribution of copper in water (Figure 32) shows a strong pattern. All but three of the 13 highest values and most of the orange symbols are found in NTS area 13J/12. The Melody Hill North copper mineralization is clearly reflected in a 14 ppb Cu analysis, as is a copper occurrence to the east of Kaipokok Bay in NTS area 13J/13 with an orange symbol. The other copper occurrences do not seem to be reflected in the water analyses, perhaps because of drainage patterns around the mineralizations. The strong spatial clustering of red and orange symbols is mostly over the western half of bedrock Unit P2fv, mapped as a predominantly felsic volcanic unit with minor mafic volcanic components.

The distribution of zinc in water (Znw2) is shown in Figure 33. Most zinc analyses are at or below the detection limit of 1 ppb. Two of the three highest analyses are from samples overlying an Archean gneiss unit (Unit AMrgn) exposed as a small inlier within an area of Paleoproterozoic rocks in NTS area 13J/11. The third high value sample, also in NTS 13J/11, is found overlying an area mapped as a granite pluton (Unit P2eg).

The distribution of sulphate (SO4w1) was plotted to see whether there is an association with sulphide mineralization (Figure 34). There appear to be two associations with areas of high value samples. One cluster in the north of NTS area 13O/4 appears to be due to seawater contamination. The other group however appears to be associated with areas of copper mineralization and mafic volcanic rocks in NTS areas 13J/13 and 13K/16. Although several of the orange and red symbols are near known mineralization, a number are not and may reflect undiscovered mineralization. Note that one red symbol near the Melody Hill North copper occurrence in NTS area 13J/12 is nearly obscured by an overlapping orange symbol.

Other Geochemical Maps

The distributions of the remaining elements are shown in alphabetical order without discussion. The distribution maps of the remaining sediment analyses are shown in Figures 35-84 (Appendix 2). The maps of the remaining water analyses are shown in Figures 85-101 (Appendix 2). Elements with all or most of the analyses below detection limit are not included.

CONCLUSIONS

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

2. Loss-on-ignition and Fe in sediment give indications of environmental conditions at the sediment deposition site that may affect the accumulation of elements in sediment. However, correlations are not overly strong for most elements (*see* Tables 5 and 6). Nonetheless, it is advisable to check the Fe and LOI content of samples before embarking on follow-up exploration.

3. Some elements in sediment and water are useful for identifying bedrock composition that may have been missed in regional mapping. For example, high levels of fluoride (F9) likely iden-

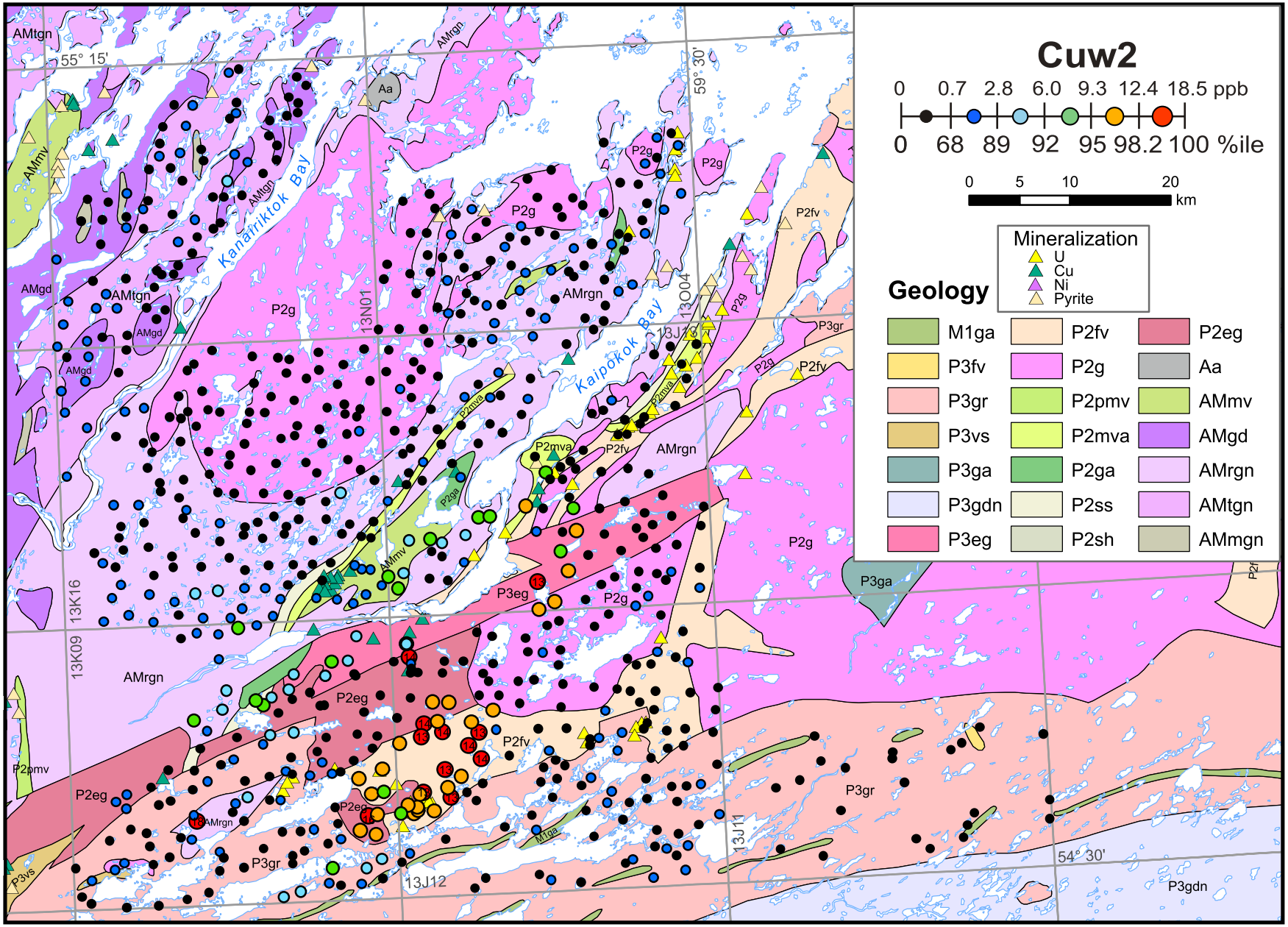

Figure 32. *Copper (Cuw2) in lake water.*

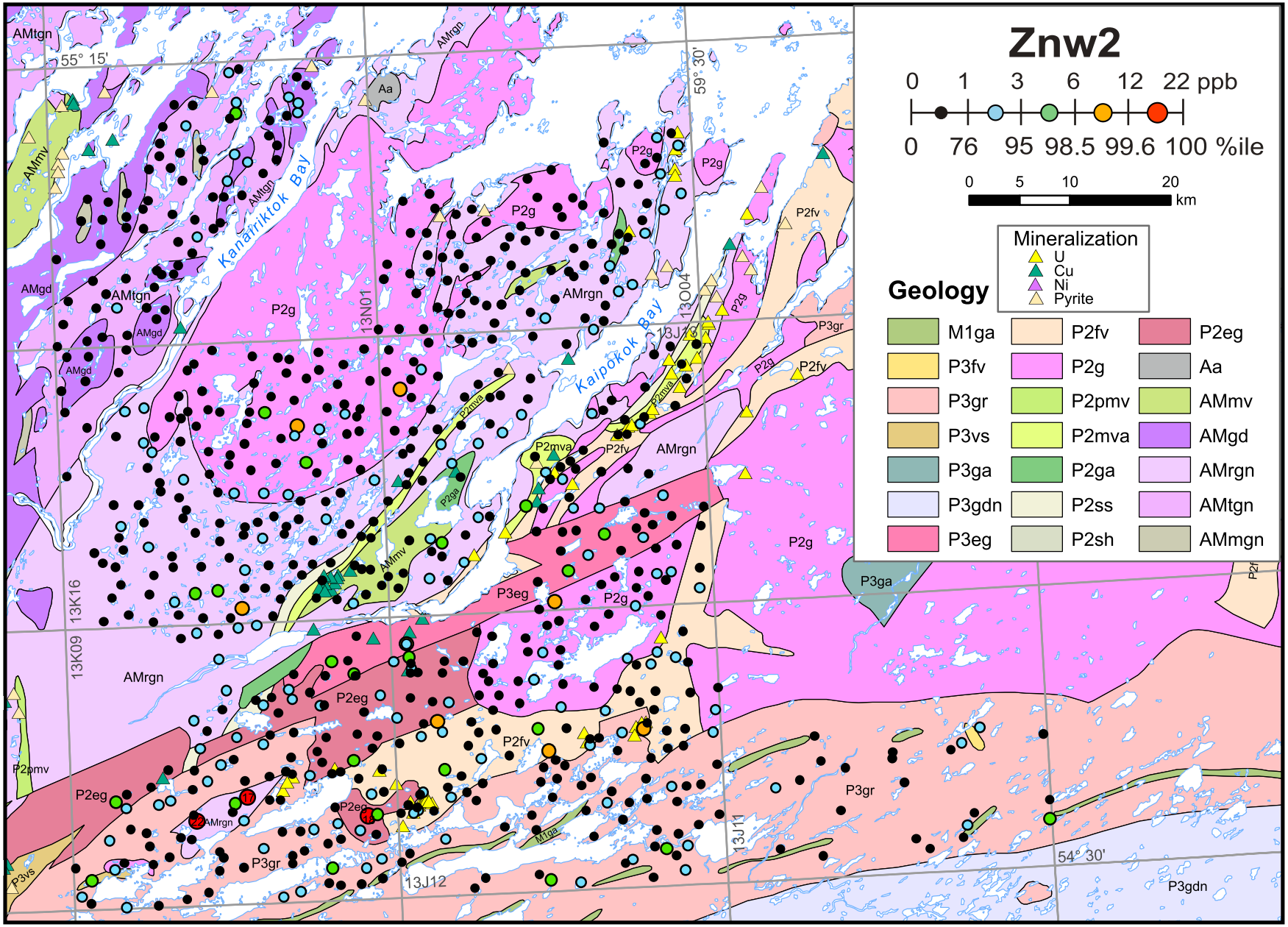

Figure 33. *Zinc (Znw2) in lake water.*

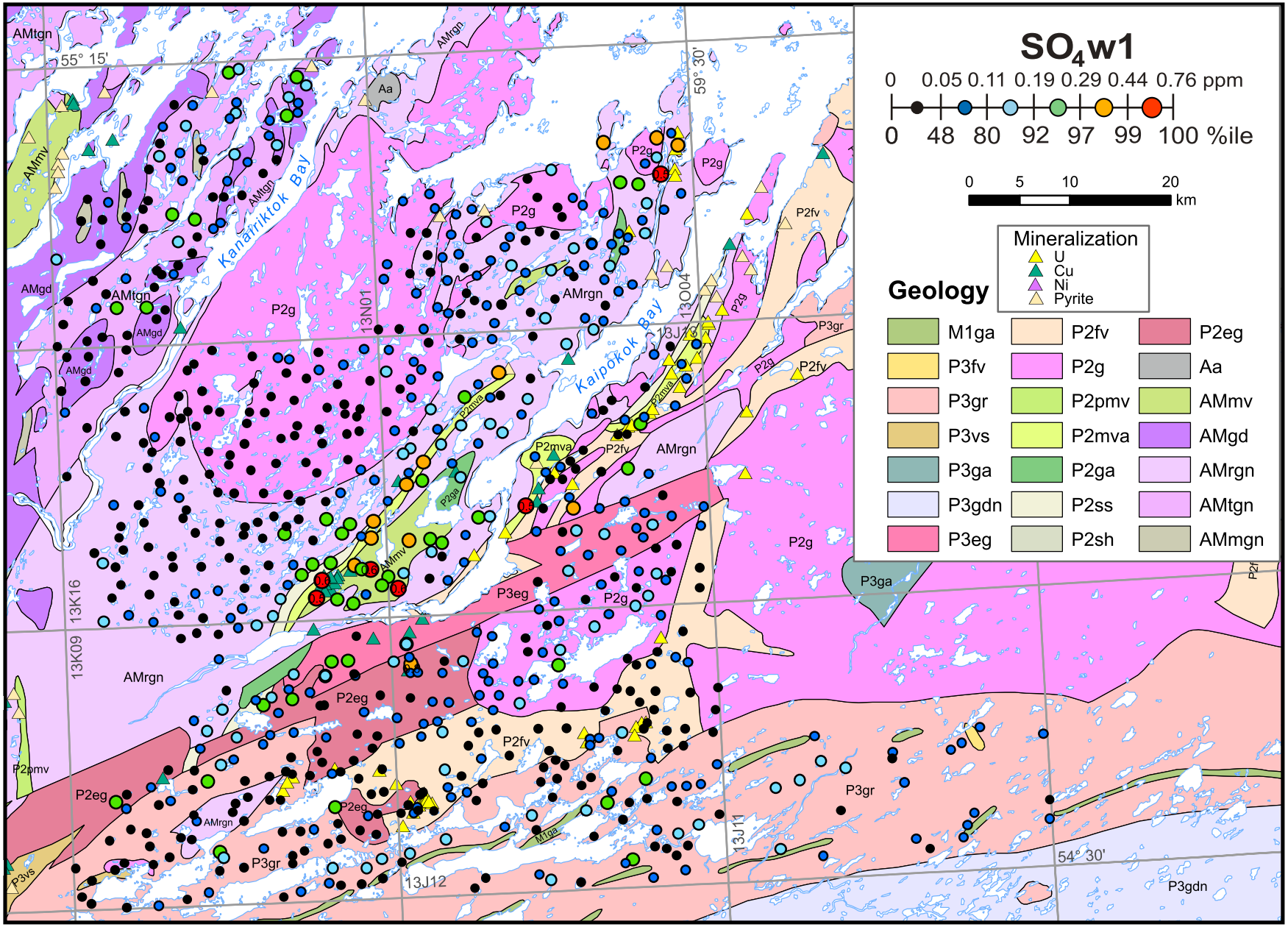

Figure 34. *Sulphate (SO_4w1) in lake water.*

tify highly differentiated or fluorite-bearing phases of granites. High levels of magnesium (Mg2 in sediment and Mgw2 in water) appear to correlate with mafic bedrock. Note that high levels of magnesium in water in some lakes near the ocean are probably contaminated by seawater and do not reflect bedrock.

4. Uranium analyses in sediment and water identify several known occurrences. Several high analyses remote from known mineralization suggest the presence of unrecognized occurrences.

5. Molybdenum mineralization is not presently known in the area but some high lake-sediment values offer exploration targets.

6. There are several high analyses of gold in sediment. Three of these are in proximity to the Melody Hill North copper occurrence in NTS area 13J/12 but several others, including the highest one, are unexplained.

7. High and elevated copper values in sediment are associated with at least two instances of copper mineralization. Several of the elevated values are from lakes overlying bedrock known to host copper mineralization but the analyses are unexplained.

8. The distribution of high copper values in waters gives a different focus to those in sediment, although both media reflect the Melody Hill North copper mineralization. Most of the high copper values in water are from lakes overlying the western half of bedrock Unit P2fv, mapped as consisting mostly of felsic volcanic rocks.

9. The distribution of sulphate in water (SO4w1) reflects two populations. The first includes samples with seawater contamination from lakes near the ocean in NTS area 13O/4. The second includes samples from lakes underlain by mafic volcanic rocks and near occurrences of copper mineralization. Several high values in the second population are not explained by known mineral occurrences.

10. Maps of most element distributions are not discussed in the report but may offer valuable exploration information concerning bedrock composition in the drainage basins (e.g., REE) or exploration targets in their own right (e.g., Ag6).

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APPENDIX 1

UTM Locations, Field Data and Analyses of Lake-sediment and Water Data

LAKE SEDIMENTS AND LAKE WATERS – FIELD DATA CODING GUIDE

COLUMN		CODING		
1-	7	Sample number		
1-	2	Project number		
	3	Sample type:	1 stream sediment only	5 lake sediment and water
			2 lake sediment only	6 stream sediment and water
			3 soil or till	7 lake water only
			4 rock	8 stream water only
8-	22	U.T.M. coordinates (to nearest 50 m)		
8-	9	Zone		
10-	15	Easting		
16-	22	Northing		
23-	27	National Topographic System map sheet - e.g. "01N04" = map sheet # 1 N/4		
28-	31	Area of sample lake in km^2 - e.g. "0125" = 1.25 km^2		
32-	34	Lake depth in metres where sample was obtained - e.g. "130" = 13.0 m		
	35	Vegetation surrounding lake:	1 forest	5 burned
			2 swamp	6 rock and forest
			3 mixed forest and swamp	7 tundra (<25% of rock)
			4 barren (>25% rock)	
	36	Water level:	1 high (flooding)	2 normal 3 low
37-	38	Sample colour:	1 tan-yellow	8 black
			2 brown	9 peaty
			3 brown, jelly-like	10 orange
			4 chocolate brown	11 white
			5 greenish brown	12 red
			6 green	13 grey-brown
			7 grey	14 other (specify)
	39	Sample composition:	1 predominantly clastic, fine grained	4 predominantly organic, granular
			2 predominantly clastic, coarse grained	5 predominantly organic, peaty
			3 predominantly organic, ooze	
	40	Contamination:	0 absent	3 settlement
			1 road	4 dump
			2 trenching or mine workings	5 other (specify)
	41	Duplicates and multiple layers of sediment	0 routine single sample	5 third layer of sediment
			1 first sample of duplicate pair	6 when for a routine sample two distinct
			2 second sample of duplicate pair	7 sample types are encountered, not in
			3 top layer of sediment	obvious stratigraphic relationship, call
			4 second layer of sediment	first type 6 and second type 7
42-	49	Mineralization. Undisturbed occurrence near shore or in upstream drainage environment. Up to 4 elements may be coded. Right justify entries in pairs of columns - e.g. if only fluorite occurs, enter "F" in Column 49. If fluorite and molybdenite occur, enter "F" in Column 49 and "Mo" in Columns 46-47.	Element	Column Entry
			arsenic	As
			barium	Ba
			chromium	Cr
			copper	Cu
			fluorine	F
			gold	Au
			lead	Pb
			molybdenum	Mo
			nickel	Ni
			silver	Ag
			tin	Sn
			tungsten	W
			uranium	U
			zinc	Zn
	50	Water colour:	1 colourless	2 yellow 3 brown
	51	Suspended matter:	1 light	2 heavy
52-	59	Lithologic classification of upstream drainage cell. Coding variable according to local geology.		

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts area	km2	depth m	veg	colour	contam	watclr	watsusp	mass	ag6	al2	as1
6222633	6253000	5	2005	53000	3000	0	20	679921	6070025	13K09	.01	5.0	1	4	0	1	1	8.08	.05	2.80	1.4
6222634	6253001	5	2005	53001	3001	0	20	678062	6069807	13K09	.06	9.0	1	4	0	1	1	5.45	.05	2.37	1.6
6222635	6253002	5	2005	53002	3002	0	20	676113	6069185	13K09	.02	4.0	6	4	0	1	1	6.07	.05	2.12	2.3
6222636	6253003	5	2005	53003	3003	0	20	673963	6069298	13K09	.06	4.0	6	4	0	1	1	5.63	.05	1.89	.2
6222637	6253004	5	2005	53004	3004	0	20	672389	6068737	13K09	.03	10.0	6	2	0	1	1	6.50	.05	2.59	2.7
6222638	6253005	2	2005	53005	3005	0	20	671007	6068263	13K09	.03	3.0	6	4	0	1	1	5.09	.05	1.09	.2
6222639	6253006	2	2005	53006	3006	0	20	669772	6069566	13K09	.05	11.0	1	4	0	1	1	8.34	.40	3.47	3.0
6222641	6253007	2	2005	53007	3007	0	20	667718	6067880	13K09	.02	6.0	6	4	0	1	1	6.73	.20	2.14	2.9
6222642	6253008	2	2005	53008	3008	0	20	665019	6067900	13K09	.04	9.0	6	4	0	1	1	8.42	.40	3.07	3.3
#NULL!	6273009	2	2005	73009	3009	0	20	665714	6065512	13K09	.01	1.0	6	#NULL!	#NULL!	3	2	#NULL!	#NULL!	#NULL!	#NULL!
6222644	6253010	2	2005	53010	3010	0	20	675399	6066307	13K09	.17	2.0	3	13	0	3	1	15.10	.20	6.85	4.3
6222645	6253011	5	2005	53011	3011	0	20	673721	6060620	13K09	.21	9.0	#NULL!	4	0	1	1	6.95	.05	3.00	4.4
6222646	6253012	5	2005	53012	3012	0	20	676479	6061717	13K09	.05	3.0	1	2	0	1	1	4.78	.05	1.41	.2
6222647	6253013	5	2005	53013	3013	0	20	676926	6063590	13K09	.09	23.0	6	4	0	1	1	5.84	.10	3.85	2.0
6222648	6253014	5	2005	53014	3014	0	20	679818	6062633	13K09	.08	5.0	1	2	0	1	1	6.13	.20	1.87	10.4
6222649	6253015	5	2005	53015	3015	0	20	680570	6062187	13K09	.02	3.0	5	2	0	1	1	3.55	.05	1.01	2.9
6222651	6253016	5	2005	53016	3016	0	20	681408	6062898	13K09	.03	14.0	5	4	0	1	1	10.70	.05	3.86	14.9
6222652	6253017	5	2005	53017	3017	0	20	683098	6063698	13K09	.33	9.0	5	4	0	1	1	7.20	.05	4.33	7.7
6222653	6253018	5	2005	53018	3018	0	20	683596	6065217	13K09	.04	10.0	5	4	0	1	1	5.90	.05	3.89	2.7
6222654	6253019	5	2005	53019	3019	1	20	686691	6065038	13K09	.22	10.0	5	2	0	1	1	4.88	.05	2.54	2.1
6222655	6253020	5	2005	53020	3020	2	20	686691	6065038	13K09	.22	10.0	5	2	0	1	1	4.58	.05	2.53	3.3
6222656	6253021	5	2005	53021	3021	0	20	687332	6066450	13K09	.02	4.0	5	4	0	1	1	5.07	.05	1.23	.2
6222657	6253022	5	2005	53022	3022	0	20	688951	6066554	13K09	.02	2.0	3	4	0	1	1	10.70	.05	5.99	2.6
6222658	6253023	5	2005	53023	3023	0	20	689781	6068976	13K09	.04	4.0	1	4	0	1	1	7.05	.05	2.36	3.4
6222659	6253024	5	2005	53024	3024	0	21	308060	6073660	13J13	.13	21.0	1	4	0	1	1	12.60	.05	4.41	6.6
6222661	6253025	5	2005	53025	3025	0	21	308666	6075111	13J13	.16	10.0	1	4	0	1	1	16.50	.05	5.55	10.2
6222662	6253026	5	2005	53026	3026	0	21	307144	6074900	13J13	.13	5.0	1	4	0	1	1	6.69	.05	2.13	5.2
6222663	6253027	5	2005	53027	3027	0	21	309497	6078298	13J13	.01	2.0	6	2	0	1	1	6.58	.05	2.23	3.5
6222664	6253028	5	2005	53028	3028	0	21	311603	6078264	13J13	.02	6.0	1	2	0	1	1	6.34	.05	1.01	3.8
6222665	6253029	5	2005	53029	3029	0	21	312764	6077794	13J13	.16	4.0	1	4	0	1	1	5.75	.05	3.18	2.6
6222666	6253030	5	2005	53030	3030	0	21	315113	6078341	13J13	.03	4.0	6	4	0	1	1	4.32	.05	1.56	.2
6222667	6253031	5	2005	53031	3031	0	21	316529	6079976	13J13	.02	2.0	1	4	0	1	1	8.04	.05	1.16	.2
6222668	6253032	5	2005	53032	3032	0	21	317652	6079979	13J13	.43	12.0	1	7	0	1	1	13.30	.05	5.92	8.3
6222669	6253033	5	2005	53033	3033	0	21	321324	6080718	13J13	.01	5.0	3	2	0	1	1	12.80	.10	5.57	.2
6222671	6253034	5	2005	53034	3034	0	21	323560	6083824	13J13	.83	6.0	6	#NULL!	0	1	1	13.50	.05	5.39	5.1
6222731	6253035	5	2005	53035	3035	0	21	322636	6085487	13J13	.01	5.0	6	4	0	1	1	4.74	.05	1.99	.2
6222732	6253036	5	2005	53036	3036	0	21	319640	6088135	13J13	1.17	12.0	6	4	0	1	1	14.10	.05	6.67	5.7
6222733	6253037	5	2005	53037	3037	0	21	318469	6089079	13J13	.41	6.0	1	13	0	1	1	16.10	.05	7.25	3.0
6222734	6253038	5	2005	53038	3038	0	21	321691	6089769	13J13	.19	10.0	1	4	0	1	1	8.23	.05	3.75	.2
6222735	6253039	5	2005	53039	3039	1	20	689554	6065230	13K09	.01	11.0	3	4	0	2	1	3.80	.05	.97	1.6
6222736	6253040	5	2005	53040	3040	2	20	689554	6065230	13K09	.00	11.0	3	4	0	2	1	3.63	.05	1.05	1.4
6222737	6253041	2	2005	53041	3041	0	20	686966	6063240	13K09	.01	1.0	6	4	0	1	1	6.70	.05	2.99	.2
6222738	6253042	5	2005	53042	3042	0	20	686600	6062150	13K09	.02	2.0	6	2	0	1	1	4.32	.05	.88	1.3
6222739	6253043	5	2005	53043	3043	0	20	685187	6063410	13K09	.12	#NULL!	5	4	0	1	1	7.10	.05	3.55	.2
6222741	6253044	5	2005	53044	3044	0	20	683465	6062721	13K09	.01	2.0	5	4	0	1	1	3.64	.05	1.22	.2
6222742	6253045	5	2005	53045	3045	0	20	682063	6061387	13K09	.13	12.0	5	4	0	1	1	6.25	.05	3.40	6.1
6222743	6253046	5	2005	53046	3046	0	20	677933	6058933	13K09	.01	1.5	5	4	0	1	1	5.72	.05	2.31	.2
6222744	6253047	5	2005	53047	3047	0	20	675001	6059621	13K09	.04	6.0	1	4	0	1	1	5.99	.05	2.07	37.2
6222745	6253048	5	2005	53048	3048	0	20	674315	6057819	13K09	.02	9.0	5	4	0	1	1	15.00	.05	4.65	13.0
6222746	6253049	5	2005	53049	3049	0	20	671144	6055706	13K09	.02	1.0	5	2	0	1	1	5.95	.05	3.21	5.2
6222747	6253050	5	2005	53050	3050	0	20	669441	6053988	13K09	.04	9.0	5	4	0	1	1	7.02	.05	3.19	.2
6222748	6253051	5	2005	53051	3051	0	20	667050	6053315	13K09	.08	5.0	6	4	0	1	1	8.44	.05	3.42	5.1
6222749	6253052	5	2005	53052	3052	0	20	665955	6052537	13K09	.01	10.0	3	2	0	1	1	18.90	.05	4.99	2.2
6222751	6253053	5	2005	53053	3053	0	20	666986	6051916	13K09	.06	7.0	6	4	0	1	1	7.13	.05	3.55	12.0
6222752	6253054	5	2005	53054	3054	0	20	670191	6052270	13K09	.07	1.0	5	4	0	1	1	6.88	.05	2.78	6.1
6222753	6253055	5	2005	53055	3055	0	20	671380	6052629	13K09	.01	.5	6	13	0	1	2	7.95	.05	4.03	2.6
6222754	6253056	5	2005	53056	3056	0	20	673571	6053753	13K09	.25	7.0	5	4	0	1	1	5.69	.05	2.79	3.5
6222755	6253057	5	2005	53057	3057	0	20	675061	6054621	13K09	.06	1.0	5	2	0	1	1	4.87	.05	2.59	1.5
6222756	6253058	5	2005	53058	3058	0	20	676345	6056223	13K09	.08	1.0	5	2	0	1	1	3.81	.05	1.42	2.1
6222757	6253059	5	2005	53059	3059	1	20	677639	6056753	13K09	.02	2.0	5	2	0	1	1	4.14	.05	1.44	5.1
6222758	6253060	5	2005	53060	3060	2	20	677639	6056753	13K09	.02	2.0	5	2	0	1	1	4.34	.05	1.65	5.9
6222759	6253061	5	2005	53061	3061	0	20	680537	6058283	13K09	.15	6.0	5	4	0	1	1	7.44	.05	3.25	2.4
6222761	6253062	5	2005	53062	3062	0	20	681235	6059168	13K09	.18	6.0	5	4	0	1	1	5.09	.05	2.37	5.0
6222762	6253063	5	2005	53063	3063	0	20	683575	6059447	13K09	1.52	4.0	5	4	0	1	1	13.10	.20	7.28	4.6
6222763	6253064	5	2005	53064	3064	0	20	686817	6058965	13K09	.01	4.5	5	2	0	1	1	4.31	.05	1.10	.2
6222764	6253065	5	2005	53065	3065	0	20	689884	6059286	13K09	.01	2.0	6	4	0	1	1	5.17	.05	2.30	.2
6222765	6253066	5	2005	53066	3066	0	20	690527	6061452	13K09	.01	3.0	5	4	0	1	1	3.76	.05	1.86	.2
6222766	6253067	5	2005	53067	3067	0	20	692150	6063132	13K09	.19	7.0	5	4	0	1	1	5.91	.05	3.52	2.4
6222767	6253068	5	2005	53068	3068	0	21	308544	6065178	13J12	.04	12.0	6	4	0	1	1	14.10	.05	4.39	68.0

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts area	km2	depth m	veg	colour	contam	watclr	watsusp	mass	ag6	al2	as1
6222768	6253069	5	2005	53069	3069	0	21	309237	6065177	13J12	.02	8.0	6	4	0	1	1	9.18	.05	3.38	9.4
6222769	6253070	5	2005	53070	3070	0	21	308647	6065639	13J12	.01	4.0	6	13	0	1	1	7.62	.05	1.82	11.1
6222771	6253071	5	2005	53071	3071	0	21	308633	6066105	13J12	.02	10.0	6	4	0	1	1	12.90	.80	2.88	17.0
6222772	6253072	5	2005	53072	3072	0	21	306934	6066457	13J12	.01	3.5	6	2	0	1	1	5.29	.05	2.21	22.9
6222773	6253073	5	2005	53073	3073	0	21	308367	6068111	13J12	.03	2.0	5	2	0	1	1	3.73	.05	1.13	3.7
6222774	6253074	5	2005	53074	3074	0	21	311204	6074351	13J13	.03	5.5	1	4	0	1	1	7.30	.05	1.98	3.5
6222775	6253075	5	2005	53075	3075	0	21	312985	6074002	13J13	1.13	8.0	1	13	0	1	1	13.80	.05	5.27	22.1
6222776	6253076	5	2005	53076	3076	0	21	314763	6075664	13J13	1.13	10.0	1	2	0	1	1	15.90	.05	5.70	16.1
6222777	6253077	5	2005	53077	3077	0	21	312611	6076460	13J13	.04	1.5	1	2	0	1	1	4.96	.05	2.82	.2
6222778	6253078	5	2005	53078	3078	0	21	311664	6076972	13J13	.26	3.0	1	13	0	1	1	4.47	.05	2.16	.2
6222779	6253079	5	2005	53079	3079	0	21	322134	6078120	13J13	.02	5.0	1	4	0	1	1	5.07	.05	2.36	1.4
6222781	6253080	5	2005	53080	3080	1	21	324735	6077854	13J13	.05	5.0	5	4	0	1	1	9.80	.05	3.48	10.8
6222782	6253081	5	2005	53081	3081	2	21	324735	6077854	13J13	.05	5.0	5	4	0	1	1	9.73	.05	4.24	.2
6222783	6253082	5	2005	53082	3082	0	21	323021	6080305	13J13	1.86	2.0	1	1	0	1	1	19.00	.20	6.06	3.3
6222843	6253083	5	2005	53083	3083	0	21	325673	6081190	13J13	1.86	1.0	5	5	0	1	1	25.70	.05	5.74	2.2
6222844	6253084	5	2005	53084	3084	0	20	685924	6057529	13K09	.03	3.0	1	2	0	1	1	4.27	.10	1.35	1.4
6222845	6253085	5	2005	53085	3085	0	20	683320	6056995	13K09	.12	14.0	1	4	0	1	1	10.40	.05	3.42	3.0
6222846	6253086	5	2005	53086	3086	0	20	682781	6055589	13K09	.03	2.0	6	4	0	1	1	6.43	.05	2.73	4.2
6222847	6253087	5	2005	53087	3087	0	20	681180	6055053	13K09	.08	9.0	1	4	0	1	1	7.35	.05	2.58	3.1
6222848	6253088	5	2005	53088	3088	0	20	678714	6054636	13K09	.04	5.0	1	4	0	1	1	3.83	.20	1.08	.2
6222849	6253089	5	2005	53089	3089	0	20	679002	6053025	13K09	.04	5.0	1	4	0	1	1	4.33	.10	1.42	1.8
6222851	6253090	5	2005	53090	3090	0	20	677816	6052425	13K09	.01	2.0	1	4	0	1	1	5.35	.10	2.12	3.2
6222852	6253091	5	2005	53091	3091	0	20	677523	6051548	13K09	.03	5.0	3	4	0	1	1	6.58	.05	3.40	3.9
6222853	6253092	5	2005	53092	3092	0	20	673976	6050626	13K09	.04	8.0	1	4	0	1	1	10.50	.30	5.04	3.7
6222854	6253093	5	2005	53093	3093	0	20	673686	6051233	13K09	.21	10.0	1	4	0	1	1	7.76	.40	2.41	3.0
6222855	6253094	5	2005	53094	3094	0	20	669333	6048161	13K09	.16	5.0	6	4	0	1	1	6.85	.05	2.86	4.0
6222856	6253095	5	2005	53095	3095	0	20	668985	6049495	13K09	.46	4.0	6	4	0	1	1	6.11	.05	2.29	4.6
6222857	6253096	5	2005	53096	3096	0	20	667466	6049870	13K09	.06	4.0	6	4	0	1	1	3.93	.20	1.50	1.4
6222858	6253097	5	2005	53097	3097	0	20	665328	6048731	13K09	.21	4.0	1	4	0	1	1	5.35	.10	1.87	2.2
6222859	6253098	5	2005	53098	3098	0	20	662010	6045969	13K09	.02	2.0	3	4	0	1	1	4.15	.05	1.66	2.4
6222861	6253099	5	2005	53099	3099	1	20	663582	6044773	13K09	.07	5.0	1	4	0	1	1	4.86	.20	1.47	.2
6222862	6253100	5	2005	53100	3100	2	20	663582	6044773	13K09	.07	5.0	1	4	0	1	1	4.82	.20	1.40	.2
6222863	6253101	5	2005	53101	3101	0	20	662616	6043115	13K09	.01	11.0	1	4	0	1	1	12.60	.60	3.40	4.4
6222864	6253102	5	2005	53102	3102	0	20	663537	6042495	13K09	.02	3.0	6	4	0	1	1	6.02	.05	2.93	3.4
6222865	6253103	5	2005	53103	3103	0	20	667043	6042085	13K09	.01	4.0	6	4	0	1	1	5.26	.05	1.90	2.4
6222866	6253104	5	2005	53104	3104	0	20	665852	6045837	13K09	.07	6.0	6	4	0	1	1	7.74	.05	1.95	1.9
6222867	6253105	5	2005	53105	3105	0	20	666805	6046499	13K09	.15	8.0	1	4	0	1	1	7.51	.20	2.20	.2
6222868	6253106	5	2005	53106	3106	0	20	669676	6046371	13K09	.19	4.0	6	4	0	1	1	5.92	.05	1.73	1.2
6222869	6253107	5	2005	53107	3107	0	20	671268	6047092	13K09	.10	3.0	1	4	0	1	1	8.78	.05	1.90	2.5
6222871	6253108	5	2005	53108	3108	0	20	672384	6048997	13K09	.97	11.0	6	4	0	1	1	7.78	.30	3.02	3.4
6222872	6253109	5	2005	53109	3109	0	20	673471	6048811	13K09	.01	4.0	6	4	0	1	1	6.66	.10	3.16	2.0
6222873	6253110	5	2005	53110	3110	0	20	678636	6050703	13K09	.02	2.0	3	4	0	1	1	5.36	.10	1.47	1.6
6222874	6253111	5	2005	53111	3111	0	20	681208	6052741	13K09	.88	11.0	6	4	0	1	1	14.10	.10	5.56	.2
6222875	6253112	5	2005	53112	3112	0	20	682293	6052755	13K09	.02	1.0	3	4	0	1	1	4.87	.20	1.04	.2
6222876	6253113	5	2005	53113	3113	0	20	683440	6055295	13K09	.06	5.0	3	4	0	1	1	5.53	.05	1.90	.2
6222877	6253114	5	2005	53114	3114	0	20	685156	6055145	13K09	.22	3.0	3	4	0	1	1	5.46	.05	1.65	4.0
6222878	6253115	5	2005	53115	3115	0	20	686369	6056481	13K09	.02	7.0	1	4	0	1	1	7.57	.20	3.63	.2
6222879	6253116	5	2005	53116	3116	0	20	687385	6055364	13K09	.04	3.0	3	4	0	1	1	9.03	.05	.92	3.8
6222881	6253117	5	2005	53117	3117	0	20	688196	6055562	13K09	.02	6.0	3	4	0	1	1	6.50	.30	2.48	3.5
6222882	6253118	5	2005	53118	3118	0	20	689533	6056655	13K09	.08	3.0	1	4	0	1	1	7.12	.05	2.25	4.8
6222883	6253119	5	2005	53119	3119	1	20	691389	6057871	13K09	.02	3.0	1	4	0	1	1	5.80	.20	1.50	3.7
6222884	6253120	5	2005	53120	3120	2	20	691389	6057871	13K09	.02	3.0	1	4	0	1	1	4.46	.20	1.37	.2
6222885	6253121	5	2005	53121	3121	0	20	691863	6059092	13K09	.02	5.0	6	4	0	1	1	5.13	.05	1.91	2.0
6222886	6253122	5	2005	53122	3122	0	21	306804	6060884	13J12	3.21	7.0	6	5	0	1	1	12.80	.05	5.98	3.4
6222887	6253123	5	2005	53123	3123	0	21	308335	6062720	13J12	.02	2.0	6	5	0	1	1	5.53	.05	2.69	2.2
6222888	6253124	5	2005	53124	3124	0	21	311709	6064889	13J12	.01	2.0	6	4	0	1	1	3.32	.05	1.07	.2
6222889	6253125	5	2005	53125	3125	0	21	311992	6066067	13J12	.05	1.0	3	7	0	1	1	4.06	.05	1.85	.2
6222891	6253126	5	2005	53126	3126	0	21	313847	6065880	13J12	.02	5.0	6	4	0	1	1	5.10	.05	1.99	2.9
6222892	6253127	5	2005	53127	3127	0	21	316897	6068091	13J12	.01	11.0	5	4	0	1	1	10.60	.20	2.38	5.1
6222893	6253128	5	2005	53128	3128	0	21	315411	6068652	13J12	.03	5.0	6	4	0	1	1	4.67	.05	2.15	4.9
6222894	6253129	5	2005	53129	3129	0	21	323935	6083135	13J13	.03	5.0	6	4	0	1	1	11.90	.05	4.17	9.3
6222895	6253130	5	2005	53130	3130	0	21	327471	6085709	13J13	.50	2.0	5	4	0	1	1	26.00	.05	6.16	2.9
6222896	6253131	5	2005	53131	3131	0	21	326094	6084728	13J13	.50	4.0	5	4	0	1	1	19.80	.05	6.33	5.7
6222897	6253132	5	2005	53132	3132	0	20	687673	6052018	13K09	.01	1.0	2	13	0	1	1	5.37	.20	2.82	.2
6223016	6253133	5	2005	53133	3133	0	20	687980	6050405	13K09	.09	4.0	6	2	0	1	1	3.66	.20	1.22	.2
6223017	6253134	5	2005	53134	3134	0	20	685579	6049870	13K09	.01	2.0	3	13	0	1	1	5.01	.05	.92	1.4
6223018	6253135	5	2005	53135	3135	0	20	684231	6049642	13K09	.08	2.5	1	2	0	1	2	3.87	.05	.99	1.4
6223019	6253136	5	2005	53136	3136	0	20	682485	6049637	13K09	.11	6.0	1	2	0	1	1	7.12	.70	3.07	2.4
6223021	6253137	5	2005	53137	3137	0	20	680600	6047921	13K09	.01	1.0	2	13	0	1	1	6.04	.05	3.08	1.6

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts area	km2	depth m	veg	colour	contam	watclr	watsusp	mass	ag6	al2	as1
6223022	6253138	5	2005	53138	3138	0	20	676280	6047613	13K09	.02	2.0	6	13	0	1	1	3.85	.05	1.01	.2
6223023	6253139	5	2005	53139	3139	1	20	676615	6047059	13K09	.24	4.0	6	13	#NULL!	1	1	3.66	.05	1.37	.2
6223024	6253140	5	2005	53140	3140	2	20	676615	6047059	13K09	.24	4.0	6	13	#NULL!	1	1	3.87	.05	1.52	.8
6223025	6253141	5	2005	53141	3141	0	20	676285	6045723	13K09	.41	4.5	5	4	0	1	1	9.20	.05	3.39	2.4
6223026	6253142	5	2005	53142	3142	0	20	675173	6043594	13K09	.18	5.0	6	13	0	1	1	7.67	.05	4.91	2.5
6223027	6253143	5	2005	53143	3143	0	20	673063	6042900	13K09	.03	2.0	5	4	0	1	1	6.24	.05	1.24	.2
6223028	6253144	5	2005	53144	3144	0	20	670219	6042295	13K09	.01	6.5	5	4	0	1	1	6.76	.05	2.14	1.5
6223029	6253145	5	2005	53145	3145	0	20	678640	6046050	13K09	.02	3.5	3	2	0	1	1	4.08	.05	2.00	.2
6223031	6253146	5	2005	53146	3146	0	20	683482	6046450	13K09	.05	4.0	6	2	0	1	1	4.48	.05	2.31	.6
6223032	6253147	5	2005	53147	3147	0	20	683510	6047251	13K09	.06	5.0	1	2	0	1	1	5.55	.10	1.96	1.6
6223033	6253148	5	2005	53148	3148	0	20	684665	6047702	13K09	.38	5.0	6	13	0	1	1	7.26	.05	3.16	2.5
6223034	6253149	5	2005	53149	3149	0	20	686977	6048459	13K09	.04	4.5	6	4	0	1	1	7.49	.05	2.04	2.3
6223035	6253150	5	2005	53150	3150	0	20	688240	6048884	13K09	.13	4.0	1	4	0	1	1	6.02	.05	1.82	.2
6223036	6253151	5	2005	53151	3151	0	20	692385	6044991	13K09	.87	5.0	6	7	0	1	1	7.17	.20	5.69	.2
6223037	6253152	5	2005	53152	3152	0	20	690319	6044429	13K09	.03	4.0	6	13	0	1	1	5.89	.05	3.10	1.2
6223038	6253153	5	2005	53153	3153	0	20	688270	6044290	13K09	.03	3.5	6	4	0	1	1	7.04	.05	1.59	.2
6222672	6253154	5	2005	53154	3154	0	20	687089	6044551	13K09	.04	1.5	6	13	0	1	1	4.22	.05	.83	.7
6222673	6253155	5	2005	53155	3155	0	20	684270	6043711	13K09	1.01	3.0	6	4	0	1	1	4.89	.05	2.43	1.3
6222674	6253156	5	2005	53156	3156	0	20	682626	6043126	13K09	.08	11.0	6	4	0	1	1	6.11	.05	2.18	.2
6222675	6253157	5	2005	53157	3157	0	20	687479	6046044	13K09	.07	2.0	6	13	0	1	1	4.69	.05	.99	.7
6222676	6253158	5	2005	53158	3158	0	20	690829	6046027	13K09	.11	3.0	6	13	0	1	1	5.94	.05	.78	1.0
6222677	6253159	5	2005	53159	3159	0	20	692318	6046886	13K09	.07	5.0	6	13	0	1	1	6.58	.05	4.22	3.0
6222678	6253160	5	2005	53160	3160	1	20	691737	6049333	13K09	.65	9.0	6	4	0	1	1	6.69	.05	2.80	.2
6222679	6253161	5	2005	53161	3161	2	20	691737	6049333	13K09	.65	9.0	6	4	0	1	1	6.84	.05	2.88	.2
6222681	6253162	5	2005	53162	3162	0	20	690172	6049777	13K09	.04	4.0	6	4	0	1	1	4.90	.10	1.58	.9
6222682	6253163	5	2005	53163	3163	0	20	690949	6051222	13K09	.01	1.0	3	4	0	1	1	10.20	.10	3.77	3.8
6222683	6253164	5	2005	53164	3164	0	20	691882	6051353	13K09	.05	2.0	3	13	0	1	1	5.13	.05	2.05	1.2
6222684	6253165	5	2005	53165	3165	0	20	692491	6053576	13K09	.05	2.0	3	5	0	1	1	5.17	.05	1.65	1.3
6222685	6253166	5	2005	53166	3166	0	20	691302	6053343	13K09	.06	1.5	3	7	0	2	1	6.20	.05	1.82	2.8
6222686	6253167	5	2005	53167	3167	0	20	690012	6054901	13K09	.01	10.0	6	4	0	1	1	12.90	1.40	3.43	3.2
6222687	6253168	5	2005	53168	3168	0	20	692375	6055807	13K09	.17	2.0	6	13	0	1	2	6.01	.05	2.11	.2
6222688	6253169	5	2005	53169	3169	0	21	306854	6058331	13J12	.01	2.0	6	13	0	1	1	4.20	.50	.66	2.5
6222689	6253170	5	2005	53170	3170	0	21	309398	6060052	13J12	.02	4.5	1	2	0	1	1	4.73	.20	.77	1.4
6222691	6253171	5	2005	53171	3171	0	21	310466	6062149	13J12	.11	4.5	1	4	0	1	1	4.00	.05	1.59	1.3
6222692	6253172	5	2005	53172	3172	0	21	308500	6066773	13J12	.03	9.0	5	4	0	1	1	10.80	.05	4.03	33.0
6222693	6253173	5	2005	53173	3173	0	21	321771	6070377	13J13	.06	8.0	5	4	0	1	1	6.95	.05	2.00	7.4
6222694	6253174	5	2005	53174	3174	0	21	323348	6071006	13J13	.06	4.0	5	4	0	1	1	4.47	.05	1.42	4.6
6222695	6253175	5	2005	53175	3175	0	21	321850	6073135	13J13	.09	8.0	6	4	0	1	1	9.53	.05	4.87	11.0
6222696	6253176	5	2005	53176	3176	0	21	324963	6073921	13J13	.06	5.0	1	4	0	1	1	5.96	.05	1.72	.2
6222697	6253177	5	2005	53177	3177	0	21	324403	6075954	13J13	1.48	9.5	1	13	0	1	1	11.50	1.70	5.23	3.5
6222698	6253178	5	2005	53178	3178	0	21	326077	6077858	13J13	.01	1.0	5	13	0	1	1	3.24	.05	1.18	1.3
6222699	6253179	5	2005	53179	3179	0	21	325980	6080047	13J13	.01	1.0	3	13	0	1	1	3.47	.05	1.95	2.4
6222701	6253180	5	2005	53180	3180	1	21	308365	6068107	13J12	.03	3.0	5	4	0	1	1	3.35	.05	1.22	5.4
6222702	6253181	5	2005	53181	3181	2	21	308365	6068107	13J12	.03	3.0	5	4	0	1	1	3.32	.05	1.31	7.5
6222703	6253182	5	2005	53182	3182	0	21	312055	6061972	13J12	.20	4.0	1	4	0	1	1	6.60	.05	2.74	.2
6222704	6253183	5	2005	53183	3183	0	21	310790	6060170	13J12	.01	3.0	1	4	0	1	1	8.25	.05	2.21	.2
6222705	6253184	5	2005	53184	3184	0	21	311170	6059084	13J12	.02	1.5	1	4	0	1	1	19.10	.05	6.16	2.5
6222706	6253185	5	2005	53185	3185	0	21	309039	6058804	13J12	.01	2.0	1	2	0	1	1	4.85	.05	1.02	3.5
6222707	6253186	5	2005	53186	3186	0	21	311119	6055373	13J12	.02	2.0	3	2	0	1	1	3.43	.05	.95	1.4
6222708	6253187	5	2005	53187	3187	0	21	308794	6053300	13J12	.01	6.0	1	4	0	1	1	3.60	.05	1.88	2.0
6222709	6253188	5	2005	53188	3188	0	21	308412	6053117	13J12	.13	3.0	1	5	0	1	1	4.10	.05	2.58	.2
6222711	6253189	5	2005	53189	3189	0	21	307163	6052180	13J12	.15	4.0	1	2	0	1	1	4.77	.05	2.18	.2
6222712	6253190	5	2005	53190	3190	0	21	306395	6051420	13J12	.02	2.0	1	4	0	1	1	7.25	.05	2.90	2.6
6222713	6253191	5	2005	53191	3191	0	21	307686	6051282	13J12	.02	5.0	1	4	0	1	1	6.59	.05	1.51	4.8
6222714	6253192	5	2005	53192	3192	0	21	308117	6051540	13J12	.02	4.0	1	4	0	1	1	4.72	.05	1.43	1.6
6222715	6253193	5	2005	53193	3193	0	21	308052	6051865	13J12	.02	6.0	1	4	0	1	1	9.36	.05	1.37	2.5
6222716	6253194	5	2005	53194	3194	0	21	309689	6051359	13J12	.32	7.0	1	2	0	1	1	6.07	.05	2.49	5.1
6222717	6253195	5	2005	53195	3195	0	21	311453	6052585	13J12	.07	5.0	1	2	0	1	1	4.51	.05	1.11	1.0
6222718	6253196	5	2005	53196	3196	0	21	311243	6053592	13J12	.10	7.0	3	4	0	1	1	12.80	.50	3.17	.2
6222719	6253197	5	2005	53197	3197	0	21	312676	6054581	13J12	.03	1.0	3	2	0	1	1	5.55	.05	2.41	.2
6222721	6253198	5	2005	53198	3198	0	21	314786	6056099	13J12	.02	5.0	1	2	0	1	1	4.89	.50	4.71	2.0
6222722	6253199	5	2005	53199	3199	1	21	313635	6057521	13J12	.07	8.0	1	4	0	1	1	11.90	.30	.67	1.4
6222723	6253200	5	2005	53200	3200	2	21	313535	6057484	13J12	.07	10.0	1	4	0	1	1	13.10	.20	5.06	.2
6222724	6253201	5	2005	53201	3201	0	21	314785	6058726	13J12	.02	5.0	1	4	0	1	1	5.89	.05	2.47	.9
6222725	6253202	5	2005	53202	3202	0	21	314117	6059843	13J12	.59	5.0	1	2	0	1	1	10.00	.05	3.69	2.2
6222726	6253203	5	2005	53203	3203	0	21	316363	6060814	13J12	.12	1.0	1	2	0	1	1	6.67	.05	2.69	.2
6222727	6253204	5	2005	53204	3204	0	21	315129	6062422	13J12	.01	2.0	6	4	0	1	1	3.24	.05	.97	1.5
6222728	6253205	5	2005	53205	3205	0	21	316160	6063730	13J12	.03	2.0	1	4	0	1	1	3.96	.05	.73	2.1
6222729	6253206	5	2005	53206	3206	0	21	315674	6064516	13J12	.04	4.0	1	4	0	1	1	3.34	.05	.97	1.6

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts area	km2	depth m	veg	colour	contam	watclr	watsusp	mass	ag6	al2	as1
6222784	6253207	5	2005	53207	3207	0	21	316729	6065394	13J12	.03	1.0	1	2	0	1	1	4.21	.05	.93	1.2
6222785	6253208	5	2005	53208	3208	0	21	320299	6066280	13J12	.05	5.0	1	2	0	1	1	4.47	.05	.95	.2
6222786	6253209	5	2005	53209	3209	0	21	320141	6067659	13J12	.29	11.0	3	4	0	1	1	12.30	.05	3.31	18.0
6222787	6253210	5	2005	53210	3210	0	21	322389	6068734	13J12	.21	1.0	3	1	0	1	1	3.49	.05	1.77	.2
6222788	6253211	5	2005	53211	3211	0	21	323618	6069081	13J12	.11	3.0	5	4	0	1	2	4.79	.05	1.30	2.3
6222789	6253212	5	2005	53212	3212	0	21	326434	6070935	13J13	.62	7.0	5	4	0	1	1	5.91	.05	2.09	.2
6222791	6253213	5	2005	53213	3213	0	21	328089	6072308	13J13	.54	21.0	6	4	0	1	1	5.86	.05	2.76	2.6
6222792	6253214	5	2005	53214	3214	0	21	329529	6072919	13J13	.03	9.0	1	4	0	1	1	6.48	.05	2.09	4.4
6222793	6253215	5	2005	53215	3215	0	21	327058	6075343	13J13	.07	11.0	6	4	0	1	1	6.05	.05	1.66	.2
6222794	6253216	5	2005	53216	3216	0	21	328850	6077242	13J13	.05	4.0	5	4	0	1	1	5.20	.05	1.30	.2
6222795	6253217	5	2005	53217	3217	0	21	328580	6079823	13J13	.03	4.0	5	2	0	1	1	3.33	.05	1.21	.2
6222796	6253218	5	2005	53218	3218	0	21	329064	6083475	13J13	.47	9.0	5	4	0	1	1	10.60	.05	4.85	.2
6222797	6253219	5	2005	53219	3219	0	21	331022	6086943	13J13	.13	6.0	5	4	0	1	1	5.65	.05	1.79	.2
6222799	6253221	5	2005	53221	3221	0	21	331931	6086890	13J13	.09	4.0	5	4	0	1	1	4.21	.05	1.99	4.2
6222801	6253222	5	2005	53222	3222	0	21	333300	6087840	13J13	.05	1.0	1	4	0	1	1	6.31	.05	3.19	4.9
6222802	6253223	5	2005	53223	3223	0	21	333761	6088460	13J13	.12	4.0	3	4	0	1	1	11.50	.05	3.79	4.5
6222803	6253224	5	2005	53224	3224	0	21	334100	6091383	13J13	1.13	5.0	5	4	0	1	1	15.20	.05	4.65	6.8
6222804	6253225	5	2005	53225	3225	0	21	330664	6090383	13J13	.01	5.0	5	4	0	1	1	7.60	.05	2.44	2.3
6222805	6253226	5	2005	53226	3226	0	21	329765	6089489	13J13	.01	5.0	5	4	0	1	1	3.96	.05	1.68	1.5
6222806	6253227	5	2005	53227	3227	0	21	328607	6089250	13J13	.01	1.5	5	4	0	1	1	6.94	.10	3.18	2.8
6222807	6253228	5	2005	53228	3228	0	21	321768	6066090	13J12	1.16	14.0	1	4	0	1	1	8.16	.05	2.42	2.9
6222808	6253229	5	2005	53229	3229	0	21	320631	6063480	13J12	.04	2.0	3	4	0	1	1	5.74	.05	.82	1.3
6222809	6253230	5	2005	53230	3230	0	21	319088	6063477	13J12	.03	2.5	1	4	0	1	1	9.72	.05	2.89	.2
6222811	6253231	5	2005	53231	3231	0	21	317094	6062249	13J12	.06	4.5	1	4	0	1	1	10.70	.05	3.69	1.7
6222812	6253232	5	2005	53232	3232	0	21	319062	6061266	13J12	.01	4.5	3	2	0	1	1	5.72	.05	1.53	.2
6222813	6253233	5	2005	53233	3233	0	21	316499	6058866	13J12	.03	1.5	1	13	0	1	1	7.01	.05	2.06	5.7
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6222816	6253236	5	2005	53236	3236	0	21	313112	6052926	13J12	.14	3.0	3	4	0	1	1	5.92	.05	1.63	2.4
6222817	6253237	5	2005	53237	3237	0	21	313951	6052004	13J12	.01	3.0	1	4	0	1	1	2.97	.05	.82	.2
6222818	6253238	5	2005	53238	3238	0	21	310631	6048470	13J12	.01	1.5	7	4	0	1	1	5.43	.05	1.16	.9
6222819	6253239	5	2005	53239	3239	1	21	306970	6047395	13J12	.05	4.0	1	4	0	1	1	5.84	.05	3.23	2.7
6222821	6253240	5	2005	53240	3240	2	21	306970	6047395	13J12	.05	4.0	1	4	0	1	1	7.23	.05	3.96	.2
6222822	6253241	5	2005	53241	3241	0	21	306085	6046562	13J12	.08	3.5	1	4	0	1	1	7.33	.70	4.54	.2
6222823	6253242	5	2005	53242	3242	0	21	313068	6043393	13J12	.03	3.0	5	9	0	1	1	5.13	.05	2.02	.2
6222824	6253243	5	2005	53243	3243	0	21	314248	6044301	13J12	.08	1.0	3	2	0	1	1	20.30	1.00	5.34	1.5
6222825	6253244	5	2005	53244	3244	0	21	319544	6044202	13J12	.11	1.5	3	2	0	1	1	3.81	.05	1.65	.2
6222826	6253245	5	2005	53245	3245	0	21	320676	6043584	13J12	.11	1.0	3	5	0	1	1	6.17	.05	2.96	.2
6222827	6253246	5	2005	53246	3246	0	21	323588	6043083	13J12	.78	10.0	1	4	0	1	1	13.90	.05	4.59	.2
6222828	6253247	5	2005	53247	3247	0	21	328145	6044589	13J12	.04	1.0	3	4	0	1	1	4.97	.05	2.00	.2
6222829	6253248	5	2005	53248	3248	0	21	328871	6044906	13J12	.04	3.0	1	6	0	1	1	5.60	.05	.81	5.5
6222831	6253249	5	2005	53249	3249	0	21	330766	6042946	13J12	.03	2.0	1	2	0	1	1	3.19	.05	.90	4.8
6222832	6253250	5	2005	53250	3250	0	21	334018	6043425	13J12	.25	6.0	1	2	0	1	1	14.50	.05	5.54	3.1
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6222835	6253253	5	2005	53253	3253	0	21	333618	6047047	13J12	.06	2.5	3	13	0	1	1	5.92	.05	3.22	2.1
6222836	6253254	5	2005	53254	3254	0	21	334467	6045823	13J12	.14	.5	2	13	0	1	1	29.10	.10	6.20	.9
6222837	6253255	5	2005	53255	3255	0	21	333253	6044940	13J12	.06	1.5	3	13	0	1	1	5.27	.10	2.53	.2
6222838	6253256	5	2005	53256	3256	0	21	332345	6045687	13J12	.23	7.0	1	4	0	1	1	7.30	.05	2.83	.2
6222839	6253257	5	2005	53257	3257	0	21	331172	6046000	13J12	.63	4.0	1	5	0	1	1	11.00	.05	4.92	2.1
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6222842	6253259	5	2005	53259	3259	1	21	328270	6048918	13J12	.08	1.0	1	4	0	1	1	7.12	.05	1.44	3.4
6222898	6253260	5	2005	53260	3260	2	21	328270	6048918	13J12	.08	1.0	1	4	0	1	1	7.15	.05	1.71	4.6
6222899	6253261	5	2005	53261	3261	0	21	325268	6047482	13J12	.07	2.0	3	4	0	1	1	7.52	.05	3.73	.2
6222901	6253262	5	2005	53262	3262	0	21	319625	6048631	13J12	.01	1.5	1	5	0	1	1	3.80	.05	.72	1.9
6222902	6253263	5	2005	53263	3263	0	21	316538	6049161	13J12	.05	1.5	1	4	0	1	1	5.28	.20	.73	.2
6222903	6253264	5	2005	53264	3264	0	21	319303	6050110	13J12	.01	2.0	1	2	0	1	1	3.57	.10	1.26	.2
6222904	6253265	5	2005	53265	3265	0	21	321490	6051689	13J12	.07	2.0	1	13	0	1	1	4.95	.05	2.87	.2
6222905	6253266	5	2005	53266	3266	0	21	320479	6053355	13J12	.16	4.0	4	4	0	1	1	7.17	.05	2.93	.2
6222906	6253267	5	2005	53267	3267	0	21	320888	6054756	13J12	.01	1.5	4	4	0	1	1	5.02	.05	.81	.2
6222907	6253268	5	2005	53268	3268	0	21	322118	6055376	13J12	.02	1.5	1	13	0	1	1	4.42	.05	2.35	.2
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6222909	6253270	5	2005	53270	3270	0	21	320649	6058629	13J12	.15	2.0	1	13	0	1	1	7.47	.05	3.03	7.7
6222911	6253271	5	2005	53271	3271	0	21	323128	6060563	13J12	.03	23.0	3	4	0	1	1	13.00	.30	4.77	6.4
6222912	6253272	5	2005	53272	3272	0	21	323504	6062837	13J12	.04	1.5	1	2	0	1	1	3.24	.10	.83	1.8
6222913	6253273	5	2005	53273	3273	0	21	323195	6064697	13J12	.02	2.5	1	4	0	1	1	5.31	.05	.79	.2
6222914	6253274	5	2005	53274	3274	0	21	323522	6066207	13J12	.02	2.0	1	4	0	1	1	5.49	.05	.65	.2
6222915	6253275	5	2005	53275	3275	0	21	327108	6068198	13J12	.01	2.5	1	2	0	1	1	4.97	.05	.77	.2
6222916	6253276	5	2005	53276	3276	0	21	328590	6069323	13J12	.26	5.0	1	4	0	1	1	7.14	.05	2.37	3.8

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	area km2	depth m	veg	colour	contam	watclr	watsusp	mass	ag6	al2	as1
6222917	6253277	5	2005	53277	3277	0	21	326555	6062227	13J12	.02	.5	1	2	0	1	1	22.90	.40	5.98	2.9
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6222923	6253282	5	2005	53282	3282	0	21	326571	6057165	13J12	.02	5.0	4	2	0	1	1	3.83	.30	1.32	.9
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6222926	6253285	5	2005	53285	3285	0	21	322113	6053545	13J12	.03	4.0	6	2	0	1	1	6.05	.05	1.26	2.1
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6222929	6253288	5	2005	53288	3288	0	21	324689	6050124	13J12	.02	1.5	1	2	0	1	1	4.02	.05	.54	2.1
6222931	6253289	5	2005	53289	3289	0	21	326838	6050728	13J12	.37	2.0	1	2	0	1	1	5.67	.05	1.85	.2
6222932	6253290	5	2005	53290	3290	0	21	327376	6051835	13J12	.01	1.5	3	2	0	1	1	2.67	.05	.39	.7
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6222935	6253293	5	2005	53293	3293	0	21	333733	6050263	13J12	.29	3.0	1	2	0	1	1	6.91	.05	4.43	.2
6222936	6253294	5	2005	53294	3294	0	21	337989	6053557	13J12	.04	5.0	1	2	0	1	1	4.34	.05	1.13	.2
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6222938	6253296	5	2005	53296	3296	0	21	334823	6051700	13J12	.14	2.0	1	4	0	1	1	4.43	.05	.96	1.3
6222939	6253297	5	2005	53297	3297	0	21	333354	6051752	13J12	.12	2.0	1	2	0	1	1	4.35	.05	.88	1.6
6222941	6253298	5	2005	53298	3298	0	21	330862	6052761	13J12	.02	1.0	1	2	0	1	1	3.83	.05	1.23	1.0
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6222947	6253304	5	2005	53304	3304	0	21	338330	6058965	13J12	.05	3.0	3	4	0	1	1	4.16	.05	1.13	4.1
6222948	6253305	5	2005	53305	3305	0	21	335166	6057362	13J12	.01	5.0	1	2	0	1	1	4.02	.05	.79	3.4
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6222951	6253307	5	2005	53307	3307	0	21	331498	6058253	13J12	.01	5.0	1	4	0	1	1	8.15	.05	1.99	.2
6222952	6253308	5	2005	53308	3308	0	21	331072	6057713	13J12	.02	5.0	1	4	0	1	1	3.89	.05	1.18	5.3
6222953	6253309	5	2005	53309	3309	0	21	328906	6057546	13J12	.04	2.0	1	2	0	1	1	3.74	.05	1.25	2.9
6222954	6253310	5	2005	53310	3310	0	21	328301	6055772	13J12	.02	5.0	1	4	0	1	1	4.22	.05	1.09	4.2
6222955	6253311	5	2005	53311	3311	0	21	332240	6059509	13J12	.14	4.0	1	2	0	1	1	5.51	.30	1.91	3.6
6222956	6253312	5	2005	53312	3312	0	21	330901	6060357	13J12	.01	2.0	5	4	0	1	1	8.69	.05	2.17	3.5
6222957	6253313	5	2005	53313	3313	0	21	330089	6061549	13J12	.01	3.0	5	2	0	1	1	5.25	.05	1.73	1.6
6222958	6253314	5	2005	53314	3314	0	21	328818	6061851	13J12	.01	4.0	1	2	0	1	1	3.51	.10	.93	2.2
6222959	6253315	5	2005	53315	3315	0	21	332536	6061362	13J12	.01	5.0	4	4	0	1	1	9.18	.05	2.61	4.0
6222961	6253316	5	2005	53316	3316	0	21	335967	6060914	13J12	.01	1.0	1	1	0	1	1	4.83	.05	2.07	3.7
6222962	6253317	5	2005	53317	3317	0	21	338750	6061140	13J12	1.34	.5	1	2	0	1	1	12.50	.05	5.23	7.4
6222963	6253318	5	2005	53318	3318	0	21	335988	6063912	13J12	.48	2.0	1	2	0	1	1	9.32	.05	4.98	.2
6222964	6253319	5	2005	53319	3319	1	21	334847	6064536	13J12	.07	1.0	1	2	0	1	1	7.39	.05	3.00	4.4
6222965	6253320	5	2005	53320	3320	2	21	334847	6064536	13J12	.07	1.0	1	2	0	1	1	6.51	.05	3.11	2.7
6222966	6253321	5	2005	53321	3321	0	21	333047	6065175	13J12	.04	1.0	1	2	0	1	1	8.73	.05	4.02	4.4
6222967	6253322	5	2005	53322	3322	0	21	332360	6064049	13J12	.01	2.0	1	2	0	1	1	6.78	.05	2.27	.2
6222968	6253323	5	2005	53323	3323	0	21	330922	6064061	13J12	.02	5.0	1	2	0	1	1	6.71	.05	1.32	2.2
6222969	6253324	5	2005	53324	3324	0	21	330093	6064787	13J12	.04	3.0	1	2	0	1	1	11.00	.05	3.86	6.2
6222971	6253325	5	2005	53325	3325	0	21	335787	6066988	13J12	.57	4.0	1	4	0	1	1	8.45	.05	4.11	4.2
6222972	6253326	5	2005	53326	3326	0	21	333747	6068797	13J12	.02	1.5	1	2	0	1	1	4.66	.05	1.94	2.6
6222973	6253327	5	2005	53327	3327	0	21	331315	6069899	13J12	.05	3.0	1	2	0	1	1	6.75	.05	1.09	.2
6222974	6253328	5	2005	53328	3328	0	21	332661	6070806	13J13	.05	3.0	1	2	0	1	1	5.14	.05	.73	1.9
6222975	6253329	5	2005	53329	3329	0	21	331548	6071685	13J13	.43	5.0	1	2	0	1	1	6.25	.05	1.76	5.0
6222976	6253330	5	2005	53330	3330	0	21	328773	6098724	13O04	.43	10.5	1	2	0	1	1	13.90	.05	5.71	8.0
6222977	6253331	5	2005	53331	3331	0	21	330568	6098318	13O04	.20	5.0	1	2	0	1	1	10.50	.05	4.52	5.8
6222978	6253332	5	2005	53332	3332	0	21	330873	6099831	13O04	.07	1.5	1	4	0	1	1	6.79	.05	3.58	.2
6222979	6253333	5	2005	53333	3333	0	21	332302	6101089	13O04	.13	5.0	1	2	0	1	1	8.79	.05	4.87	3.5
6222981	6253334	5	2005	53334	3334	0	21	333704	6101639	13O04	.43	20.0	6	4	0	1	1	15.10	.05	6.15	14.3
6222982	6253335	5	2005	53335	3335	0	21	333165	6105097	13O04	.17	8.0	6	4	0	1	1	9.40	.05	4.34	4.5
6222983	6253336	5	2005	53336	3336	0	21	335390	6106611	13O04	.11	6.0	6	2	0	1	1	14.50	.05	6.04	8.4
6222984	6253337	5	2005	53337	3337	0	21	337447	6108780	13O04	.04	4.5	6	13	0	1	1	22.80	.05	6.37	.2
6222985	6253338	5	2005	53338	3338	0	21	339330	6110230	13O04	.05	4.0	4	4	0	1	1	9.40	.05	5.09	4.8
6222988	6253341	5	2005	53341	3341	0	21	339418	6115027	13O04	.10	1.0	4	4	0	1	1	22.50	.05	6.06	2.2
6222989	6253342	5	2005	53342	3342	0	21	338857	6116293	13O04	.05	3.0	4	2	0	1	1	13.50	.05	4.21	2.2
6222991	6253343	2	2005	53343	3343	0	21	339732	6118226	13O04	.06	.5	4	7	0	1	1	32.00	.05	4.53	.2
6222992	6253344	5	2005	53344	3344	0	21	337364	6115912	13O04	.05	1.5	4	2	0	1	1	13.30	.05	5.89	.2
6222993	6253345	5	2005	53345	3345	0	21	337194	6114000	13O04	.04	.5	4	13	0	1	1	24.20	.05	6.38	.2
#NULL!	6273346	7	2005	73346	3346	0	21	335999	6113466	13O04	.34	#NULL!	4	#NULL!	0	1	1	#NULL!	#NULL!	#NULL!	#NULL!
6222995	6253347	5	2005	53347	3347	0	21	337440	6112299	13O04	.05	8.0	2	13	0	1	1	12.30	.05	5.29	3.5

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts area	km2	depth m	veg	colour	contam	watclr	watsusp	mass	ag6	al2	as1
6222996	6253348	5	2005	53348	3348	0	21	335183	6111484	13O04	.03	1.5	2	4	0	1	1	7.11	.05	3.23	.2
6222997	6253349	5	2005	53349	3349	0	21	333371	6111817	13O04	.02	.5	2	2	0	1	1	10.70	.05	3.79	4.0
6222998	6253350	5	2005	53350	3350	0	21	335832	6109573	13O04	.84	3.0	6	13	0	1	1	11.80	.05	6.09	4.0
6222999	6253351	5	2005	53351	3351	0	21	335214	6107906	13O04	.15	1.5	6	2	0	1	1	10.60	.05	5.41	3.5
6223001	6253352	5	2005	53352	3352	0	21	333707	6106305	13O04	.41	4.0	3	2	0	1	1	10.00	.05	4.63	3.5
6223002	6253353	5	2005	53353	3353	0	21	332837	6106767	13O04	.41	2.5	4	#NULL!	0	1	1	10.60	.05	5.28	.2
6223003	6253354	5	2005	53354	3354	0	21	332016	6105799	13O04	.20	9.0	4	4	0	1	1	9.60	.05	4.63	3.7
6223004	6253355	5	2005	53355	3355	0	21	331631	6103707	13O04	.20	3.0	6	2	0	1	1	12.50	.05	5.73	3.3
6223005	6253356	5	2005	53356	3356	0	21	330997	6102399	13O04	.34	3.0	6	2	0	1	1	16.50	.05	6.55	11.4
6223006	6253357	5	2005	53357	3357	0	21	324833	6099081	13O04	.14	6.0	6	7	0	1	1	5.82	.05	3.47	1.2
6223007	6253358	5	2005	53358	3358	0	21	325972	6100833	13O04	.22	1.5	6	2	0	1	1	18.80	.05	7.13	5.1
6223008	6253359	5	2005	53359	3359	0	21	328024	6102944	13O04	.13	4.0	6	7	0	1	1	6.03	.05	3.32	.2
6223009	6253360	5	2005	53360	3360	0	21	329147	6103944	13O04	.07	4.0	6	2	0	1	1	8.33	.05	4.92	3.4
6223011	6253361	5	2005	53361	3361	0	21	330077	6106016	13O04	.04	4.5	6	2	0	1	1	8.30	.05	4.81	.8
6223012	6253362	5	2005	53362	3362	0	21	330078	6106016	13O04	.04	4.0	3	2	0	1	1	8.86	.05	4.80	.2
6223013	6253363	5	2005	53363	3363	0	21	328256	6105703	13O04	.15	7.0	6	4	0	2	1	8.82	.05	4.31	.2
6223014	6253364	5	2005	53364	3364	0	21	327559	6103489	13O04	.23	3.0	6	2	0	1	1	11.50	.05	5.32	.2
6223015	6253365	5	2005	53365	3365	0	21	325847	6103770	13O04	.01	2.0	6	2	0	1	1	6.08	.05	2.11	.2
6223039	6253366	5	2005	53366	3366	0	21	323244	6103690	13O04	2.22	4.0	6	2	0	1	1	16.20	.05	6.47	3.2
6223041	6253367	5	2005	53367	3367	0	21	322548	6102053	13O04	.48	4.5	6	2	0	1	1	7.26	.05	4.37	2.5
6223042	6253368	5	2005	53368	3368	0	21	323422	6099770	13O04	.10	3.5	6	2	0	1	1	5.16	.05	2.93	1.1
6223043	6253369	5	2005	53369	3369	0	21	316210	6097728	13J13	.25	1.5	6	2	0	1	1	10.30	.05	5.34	.2
6223044	6253370	5	2005	53370	3370	0	21	317427	6097261	13J13	.77	4.0	6	2	0	1	1	4.81	.05	2.96	.2
6223045	6253371	5	2005	53371	3371	0	21	319421	6097458	13J13	.01	4.5	3	2	0	1	1	6.41	.05	4.05	.2
6223046	6253372	5	2005	53372	3372	0	21	323463	6097376	13J13	.18	4.5	6	4	0	1	1	7.37	.05	3.31	.2
6223047	6253373	5	2005	53373	3373	0	21	322866	6093242	13J13	.01	1.0	2	4	0	1	1	7.95	.05	.80	.2
6223048	6253374	5	2005	53374	3374	0	21	322416	6091223	13J13	.05	4.0	1	4	0	1	1	4.93	.05	2.25	1.6
6223049	6253375	5	2005	53375	3375	0	21	318713	6091713	13J13	.11	3.5	1	2	0	1	1	7.06	.05	3.06	.2
6223051	6253376	5	2005	53376	3376	0	21	316230	6091955	13J13	.03	3.0	1	2	0	1	1	4.98	.05	1.98	.2
6223052	6253377	5	2005	53377	3377	0	21	319744	6091825	13J13	.01	4.0	6	2	0	1	1	9.46	.05	3.03	.2
6223053	6253378	5	2005	53378	3378	0	21	319771	6099023	13O04	.02	1.0	2	2	0	1	1	4.34	.05	2.31	1.6
6223054	6253379	5	2005	53379	3379	0	21	320615	6100795	13O04	.09	7.0	4	4	0	1	1	10.10	.05	3.61	.2
6223055	6253380	5	2005	53380	3380	0	21	320615	6100795	13O04	.09	7.0	4	4	0	1	1	9.30	.05	3.34	.2
6223056	6253381	5	2005	53381	3381	0	21	319162	6100849	13O04	.04	2.0	4	2	0	1	1	3.17	.05	1.17	.2
6223057	6253382	5	2005	53382	3382	0	21	317992	6101423	13O04	.37	6.0	4	4	0	1	1	6.77	.05	2.96	2.3
6223058	6253383	5	2005	53383	3383	0	21	317260	6102191	13O04	.24	4.0	4	2	0	1	1	6.05	.05	3.41	1.5
6223059	6253384	5	2005	53384	3384	0	21	318456	6103845	13O04	.09	6.0	4	4	0	1	1	8.18	.05	3.48	.2
6223061	6253385	5	2005	53385	3385	0	21	319925	6105210	13O04	.10	7.0	4	4	0	1	1	6.21	.05	2.60	1.9
6223062	6253386	5	2005	53386	3386	0	21	321927	6104593	13O04	.04	2.0	4	2	0	1	1	4.20	.05	3.21	.2
6223063	6253387	5	2005	53387	3387	0	21	321457	6106429	13O04	.09	5.0	4	4	0	1	1	7.21	.05	2.94	1.6
6223064	6253388	5	2005	53388	3388	0	21	322041	6107386	13O04	.08	5.0	6	4	0	1	1	4.56	.05	1.55	.7
6223065	6253389	5	2005	53389	3389	0	21	323553	6106912	13O04	.14	3.5	4	4	0	1	1	5.91	.05	2.89	.2
6223066	6253390	5	2005	53390	3390	0	21	323221	6108350	13O04	.36	4.0	4	2	0	1	1	5.75	.05	2.64	.2
6223067	6253391	5	2005	53391	3391	0	21	325017	6107665	13O04	.03	1.5	4	5	0	1	1	6.12	.05	3.50	1.7
6223068	6253392	5	2005	53392	3392	0	21	326500	6107189	13O04	.04	4.5	6	2	0	1	1	7.28	.05	4.53	1.3
6223069	6253393	5	2005	53393	3393	0	21	327360	6108920	13O04	.02	4.0	4	13	0	1	1	18.00	.05	6.82	1.1
6223071	6253394	5	2005	53394	3394	0	21	331472	6108942	13O04	.04	2.0	2	4	0	1	1	8.21	.05	.35	.2
6223072	6253395	5	2005	53395	3395	0	21	329492	6109909	13O04	.10	7.5	4	4	0	1	1	7.33	.05	2.95	1.6
6223073	6253396	5	2005	53396	3396	0	21	328594	6110708	13O04	.03	8.0	4	4	0	1	1	10.60	.05	3.50	1.1
6223074	6253397	5	2005	53397	3397	0	21	326956	6109901	13O04	.03	6.0	4	2	0	1	1	7.23	.05	3.33	2.1
6223075	6253398	5	2005	53398	3398	0	21	332105	6115919	13O04	.10	11.0	4	5	0	1	1	14.40	.05	5.39	9.0
6223076	6253399	5	2005	53399	3399	1	21	326682	6113689	13O04	.08	6.0	4	4	0	1	1	6.13	.05	1.98	2.5
6223077	6253400	5	2005	53400	3400	2	21	326682	6113689	13O04	.08	6.0	4	4	0	1	1	6.83	.05	2.18	.2
6223078	6253401	5	2005	53401	3401	0	21	324251	6113003	13O04	.02	4.5	4	2	0	1	1	4.34	.05	1.54	.2
6223079	6253402	5	2005	53402	3402	0	21	325074	6111058	13O04	.04	11.5	4	4	0	1	1	7.86	.05	2.72	.2
6223081	6253403	5	2005	53403	3403	0	21	319846	6109053	13O04	.20	5.0	6	2	0	1	1	18.90	.05	5.94	.5
6223082	6253404	5	2005	53404	3404	0	21	318738	6107628	13O04	.10	4.0	3	2	0	1	1	5.26	.05	2.80	.2
6223083	6253405	5	2005	53405	3405	0	21	316827	6106136	13O04	.58	8.0	6	7	0	1	1	20.80	.10	7.34	3.1
6223084	6253406	5	2005	53406	3406	0	21	317270	6104763	13O04	.07	6.5	6	2	0	1	1	5.88	.05	2.25	.2
6223085	6253407	5	2005	53407	3407	0	21	315468	6103642	13O04	.33	11.5	6	4	0	1	1	10.00	.05	4.05	.2
6223086	6253408	5	2005	53408	3408	0	21	316490	6100236	13O04	.07	5.0	4	4	0	1	1	5.04	.05	1.88	.2
6223087	6253409	5	2005	53409	3409	0	21	315297	6100373	13O04	.17	4.0	6	2	0	1	1	5.80	.05	2.78	.2
6223088	6253410	5	2005	53410	3410	0	21	314277	6101050	13O04	.05	4.0	6	2	0	1	1	4.80	.05	1.49	.2
6223089	6253411	5	2005	53411	3411	0	21	312761	6099032	13O04	.07	8.0	6	2	0	1	1	8.93	.05	4.13	1.7
6223091	6253412	5	2005	53412	3412	0	21	312307	6102657	13O04	.14	9.0	6	4	0	1	1	9.15	.05	3.98	.2
6223092	6253413	5	2005	53413	3413	0	21	313882	6104580	13O04	.07	#NULL!	6	5	0	1	1	7.29	.05	3.47	.2
6223093	6253414	5	2005	53414	3414	0	21	315220	6105951	13O04	.20	5.0	6	2	0	1	1	16.00	.05	6.18	4.4
6223094	6253415	5	2005	53415	3415	0	21	316221	6108119	13O04	.03	20.0	6	2	0	1	1	13.80	.05	5.60	.2
6223095	6253416	5	2005	53416	3416	0	21	318483	6110428	13O04	.03	4.0	4	2	0	1	1	4.04	.05	1.63	.2

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts area	km2	depth m	veg	colour	contam	watclr	watsusp	mass	ag6	al2	as1
6223096	6253417	5	2005	53417	3417	0	21	316922	6110084	13O04	.05	6.0	1	13	0	1	1	18.30	.05	6.68	.2
6223097	6253418	5	2005	53418	3418	0	21	314888	6110864	13O04	.01	1.5	4	4	0	1	1	9.31	.05	3.75	.2
6223098	6253419	5	2005	53419	3419	1	21	314439	6112346	13O04	.13	6.0	4	2	0	1	1	8.23	.05	4.90	.2
6223099	6253420	5	2005	53420	3420	2	21	314439	6112346	13O04	.13	6.0	4	2	0	1	1	8.97	.05	5.07	4.6
6223101	6253421	5	2005	53421	3421	0	21	311780	6111825	13O04	.01	1.0	2	13	0	1	1	22.10	.05	6.51	1.6
6223102	6253422	5	2005	53422	3422	0	21	312240	6108625	13O04	.07	7.0	4	4	0	1	1	7.46	.05	2.21	3.7
6223103	6253423	5	2005	53423	3423	0	21	313858	6108500	13O04	.04	4.0	4	4	0	1	1	8.09	.05	3.24	4.1
6223104	6253424	5	2005	53424	3424	0	21	313742	6106304	13O04	.09	5.0	4	2	0	1	1	19.10	.05	6.41	.2
6223105	6253425	5	2005	53425	3425	0	21	311860	6104584	13O04	.07	5.0	6	4	0	1	1	6.81	.05	3.16	2.8
6223106	6253426	5	2005	53426	3426	0	20	669969	6100398	13N01	.04	2.0	6	2	0	1	1	8.27	.05	4.01	3.8
6223107	6253427	5	2005	53427	3427	0	20	670870	6101300	13N01	.09	7.0	1	2	0	1	1	8.40	.05	5.04	3.0
6223108	6253428	5	2005	53428	3428	0	20	668994	6101537	13N01	.04	7.0	5	2	0	1	1	9.61	.05	5.71	.2
6223109	6253429	5	2005	53429	3429	0	20	669782	6103550	13N01	2.24	6.0	5	2	0	1	1	17.00	.05	7.72	9.5
6223111	6253430	5	2005	53430	3430	0	20	671670	6104829	13N01	.97	3.0	5	2	0	1	1	19.10	.30	7.80	5.8
6223112	6253431	5	2005	53431	3431	0	20	672121	6105720	13N01	.02	4.0	3	2	0	1	1	6.70	.05	4.23	.2
6223113	6253432	5	2005	53432	3432	0	20	673512	6106966	13N01	.03	7.0	5	2	0	1	1	11.60	.05	4.87	1.3
6223114	6253433	5	2005	53433	3433	0	20	674010	6108526	13N01	.13	5.0	4	4	0	1	1	5.40	.05	2.57	1.4
6223115	6253434	5	2005	53434	3434	0	20	675610	6109364	13N01	.10	6.0	6	2	0	1	1	10.90	.05	6.02	2.2
6223116	6253435	5	2005	53435	3435	0	20	676300	6109942	13N01	.05	4.0	6	2	0	1	1	11.40	.05	6.13	.2
6223117	6253436	5	2005	53436	3436	0	20	676630	6112483	13N01	1.23	7.0	5	13	0	1	1	17.20	.05	7.95	5.1
6223118	6253437	5	2005	53437	3437	0	20	678453	6112704	13N01	.12	7.0	6	3	0	1	1	8.91	.20	5.47	.2
6223119	6253438	5	2005	53438	3438	0	20	680548	6114850	13N01	.06	6.0	4	2	0	1	1	9.69	.05	5.59	.2
6223121	6253439	5	2005	53439	3439	1	20	681845	6116200	13N01	.08	5.0	6	2	0	1	1	9.89	.05	4.59	.2
6223122	6253440	5	2005	53440	3440	2	20	681845	6116206	13N01	.08	5.0	6	2	0	1	1	8.31	.05	4.19	.2
6223123	6253441	5	2005	53441	3441	0	20	681916	6117635	13N01	.11	5.0	4	2	0	1	1	14.80	.05	6.87	.2
6223124	6253442	5	2005	53442	3442	0	20	681107	6118569	13N01	.24	10.0	4	2	0	1	1	12.90	.05	6.07	2.4
6223125	6253443	5	2005	53443	3443	0	20	681226	6120100	13N01	.03	6.0	4	2	0	1	1	10.30	.05	5.42	7.0
6223126	6253444	5	2005	53444	3444	0	20	682896	6120584	13N01	.06	2.0	4	2	0	1	1	11.70	.05	5.72	.2
6223127	6253445	5	2005	53445	3445	0	20	683965	6120866	13N01	.11	6.0	4	2	0	1	1	11.40	.05	5.58	.2
6223128	6253446	5	2005	53446	3446	0	20	684022	6121811	13N01	.19	6.0	4	2	0	1	1	9.27	.05	4.73	2.9
#NULL!	6273447	7	2005	73447	3447	0	20	683080	6122389	13N01	.08	2.0	6	#NULL!	0	1	1	#NULL!	#NULL!	#NULL!	#NULL!
6223131	6253448	5	2005	53448	3448	0	20	684798	6123570	13N01	.19	7.0	4	2	0	1	1	14.10	.05	6.55	9.0
6223132	6253449	5	2005	53449	3449	0	20	683857	6124412	13N01	.50	11.0	4	13	0	1	1	16.60	.05	6.98	12.0
6223133	6253450	5	2005	53450	3450	0	20	678110	6125208	13N01	.17	9.0	4	13	0	1	1	15.10	.05	6.71	3.6
6223134	6253451	5	2005	53451	3451	0	20	677149	6124815	13N01	.21	1.5	4	13	0	1	1	17.90	.05	6.94	2.7
6223135	6253452	5	2005	53452	3452	0	20	677895	6121899	13N01	.23	20.0	4	4	0	1	1	9.06	.05	5.27	8.0
6223136	6253453	5	2005	53453	3453	0	20	677852	6120815	13N01	.25	2.0	6	2	0	1	1	11.00	.05	5.40	.2
6223137	6253454	5	2005	53454	3454	0	20	677225	6120280	13N01	1.07	13.0	4	2	0	1	1	10.00	.05	5.72	.2
6223138	6253455	5	2005	53455	3455	0	20	677715	6116724	13N01	.11	3.0	4	2	0	1	1	10.90	.05	5.52	1.9
6223139	6253456	5	2005	53456	3456	0	20	679008	6115939	13N01	.04	3.0	6	4	0	1	1	11.30	.10	4.27	1.3
6223141	6253457	5	2005	53457	3457	0	20	677000	6114100	13N01	.19	8.0	4	2	0	1	1	8.70	.05	4.75	.2
6223142	6253458	5	2005	53458	3458	0	20	675543	6112510	13N01	.17	12.0	6	2	0	1	1	9.06	.05	5.35	.2
6223143	6253459	5	2005	53459	3459	1	20	673769	6110240	13N01	.08	8.0	5	4	0	1	1	8.58	.05	3.65	.2
6223144	6253460	5	2005	53460	3460	2	20	673769	6110240	13N01	.08	8.0	5	4	0	1	1	6.97	.05	3.61	.2
6223145	6253461	5	2005	53461	3461	0	20	672121	6108087	13N01	.04	3.0	5	2	2	1	1	5.29	.05	2.67	.2
6223146	6253462	5	2005	53462	3462	0	20	670480	6104824	13N01	.10	6.0	5	2	0	1	1	15.70	.05	6.50	.2
6223147	6253463	5	2005	53463	3463	0	20	667061	6098782	13N01	.18	10.0	5	4	0	1	1	10.80	.05	4.71	3.1
6223148	6253464	5	2005	53464	3464	0	20	666983	6097341	13K16	.08	5.0	5	4	0	1	1	6.50	.05	3.37	.2
6223149	6253465	5	2005	53465	3465	0	20	672162	6092773	13K16	.20	8.0	6	4	0	1	1	9.36	.05	4.39	2.1
6223151	6253466	5	2005	53466	3466	0	20	675093	6091404	13K16	.07	6.0	6	4	0	1	1	5.50	.20	1.73	.2
6223152	6253467	5	2005	53467	3467	0	20	676276	6091164	13K16	.18	6.0	6	4	0	1	1	5.97	.05	2.39	3.5
6223153	6253468	5	2005	53468	3468	0	20	678945	6090055	13K16	.07	6.0	6	4	0	1	1	5.73	.05	2.31	1.8
6223154	6253469	5	2005	53469	3469	0	20	682347	6088580	13K16	.03	4.0	4	2	0	1	1	5.36	.05	1.75	.2
6223155	6253470	5	2005	53470	3470	0	20	686381	6088116	13K16	.05	3.0	6	2	0	1	1	6.23	.05	2.37	.2
6223156	6253471	5	2005	53471	3471	0	20	688868	6089040	13K16	.09	11.0	6	4	0	1	1	10.80	.10	4.56	.2
6223157	6253472	5	2005	53472	3472	0	20	690065	6089294	13K16	.01	2.0	4	2	0	1	1	4.18	.05	1.40	1.3
6223158	6253473	5	2005	53473	3473	0	21	308388	6091165	13J13	.03	4.0	4	2	0	1	1	4.09	.05	2.41	.2
6223159	6253474	5	2005	53474	3474	0	20	664587	6098593	13N01	.28	23.0	1	4	0	1	1	4.88	.05	5.14	.2
6223161	6253475	5	2005	53475	3475	0	20	666040	6101514	13N01	.26	1.0	1	2	0	1	1	7.23	.05	5.20	1.7
6223162	6253476	5	2005	53476	3476	0	20	666940	6104438	13N01	.59	5.0	5	4	0	1	1	10.60	.05	5.80	3.0
6223163	6253477	5	2005	53477	3477	0	20	668707	6109395	13N01	.10	4.0	6	2	0	1	1	5.34	.05	3.20	.2
6223164	6253478	5	2005	53478	3478	0	20	671531	6110777	13N01	.78	28.0	6	2	0	1	1	12.30	.05	5.90	4.0
6223165	6253479	5	2005	53479	3479	0	20	672511	6114154	13N01	.10	13.0	6	4	0	1	1	11.00	.05	5.20	4.5
6223167	6253481	5	2005	53481	3481	0	20	674647	6116096	13N01	.32	14.0	4	4	0	1	1	9.96	.05	4.27	.2
6223168	6253482	5	2005	53482	3482	0	20	674392	6117209	13N01	.24	11.0	4	4	0	1	1	12.40	.05	4.60	3.4
6223169	6253483	5	2005	53483	3483	0	20	672304	6116872	13N01	.97	21.0	4	4	0	1	1	12.00	.05	5.49	4.7
6223171	6253484	5	2005	53484	3484	0	20	672917	6119530	13N01	.32	10.0	4	1	0	1	1	19.00	.05	7.45	9.0
6223172	6253485	5	2005	53485	3485	0	20	673563	6121609	13N01	.32	8.0	4	2	0	1	1	16.40	.05	6.74	5.4
6223173	6253486	5	2005	53486	3486	0	20	671760	6121662	13N01	.06	10.0	4	4	0	1	1	10.70	.05	3.22	2.8

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts area	km2	depth m	veg	colour	contam	watclr	watsusp	mass	ag6	al2	as1
6223174	6253487	5	2005	53487	3487	0	20	670606	6119471	13N01	.10	13.0	4	4	0	1	1	9.26	.05	4.38	.2
6223175	6253488	5	2005	53488	3488	0	20	670288	6117839	13N01	.64	3.0	4	1	0	1	1	23.60	.05	6.98	3.8
6223176	6253489	5	2005	53489	3489	0	20	670238	6116543	13N01	.13	6.0	4	2	0	1	1	9.18	.05	5.27	.2
6223177	6253490	5	2005	53490	3490	0	20	671354	6115377	13N01	.04	16.0	4	4	0	1	1	12.00	.05	4.49	.2
6223178	6253491	5	2005	53491	3491	0	20	669232	6115232	13N01	.31	9.0	4	13	0	1	1	10.80	.05	5.76	3.0
6223179	6253492	5	2005	53492	3492	0	20	669111	6112108	13N01	.24	20.0	4	2	0	1	1	20.10	.40	6.13	1.4
6223181	6253493	5	2005	53493	3493	0	20	668679	6111304	13N01	.09	17.0	4	4	0	1	1	8.62	.20	3.04	.2
6223182	6253494	5	2005	53494	3494	0	20	666965	6109479	13N01	.08	1.0	3	2	0	1	1	7.76	.05	4.83	3.1
6223183	6253495	5	2005	53495	3495	0	20	666986	6110555	13N01	.16	8.0	4	4	0	1	1	8.54	.05	2.84	1.6
6223184	6253496	5	2005	53496	3496	0	20	667043	6112859	13N01	.03	5.0	4	4	0	1	1	5.47	.10	1.88	2.0
6223185	6253497	5	2005	53497	3497	0	20	665210	6112011	13N01	.09	3.0	1	4	0	1	1	6.33	.05	3.11	2.8
6223186	6253498	5	2005	53498	3498	0	20	663160	6112261	13N01	.02	3.0	5	2	0	1	1	4.15	.05	1.22	2.1
6223187	6253499	5	2005	53499	3499	1	20	662508	6110119	13N01	.13	4.0	5	4	3	1	1	9.63	.05	4.34	5.6
6223188	6253500	5	2005	53500	3500	2	20	662508	6110119	13N01	.13	4.0	5	4	3	1	1	7.01	.05	2.77	4.9
6223189	6253501	5	2005	53501	3501	0	20	664585	6110250	13N01	.20	10.0	1	4	0	1	1	14.60	.05	6.34	9.3
6223191	6253502	5	2005	53502	3502	0	20	664447	6107848	13N01	.12	6.0	4	2	0	1	1	7.50	.05	3.97	3.6
6223192	6253503	5	2005	53503	3503	0	20	660064	6106296	13N01	.02	5.0	5	2	0	1	1	9.54	.05	5.06	2.3
6223193	6253504	5	2005	53504	3504	0	20	663691	6104181	13N01	.05	11.0	4	4	0	1	1	10.80	.05	3.56	.2
6223194	6253505	5	2005	53505	3505	0	20	661230	6102146	13N01	.43	11.0	1	4	0	1	1	11.70	.05	5.70	2.1
6223195	6253506	5	2005	53506	3506	0	20	664980	6102884	13N01	.37	12.0	1	13	0	1	1	11.70	.05	6.11	.2
6223196	6253507	5	2005	53507	3507	0	20	663978	6101482	13N01	.91	13.0	1	13	0	1	1	12.00	.05	6.55	3.8
6223197	6253508	5	2005	53508	3508	0	20	663085	6098207	13N01	.02	.5	1	2	0	1	1	11.60	.05	4.94	.2
6223198	6253509	5	2005	53509	3509	0	20	660732	6099853	13N01	.05	5.0	1	2	0	1	1	13.80	.05	7.19	3.5
6223199	6253510	5	2005	53510	3510	0	20	660163	6097678	13N01	.10	8.0	4	4	0	1	1	7.28	.05	3.12	.2
6223201	6253511	5	2005	53511	3511	0	20	661081	6096641	13K16	.13	23.0	5	4	0	1	1	13.30	.05	5.17	.2
6223202	6253512	5	2005	53512	3512	0	20	663243	6096686	13K16	.16	14.0	1	4	0	1	1	10.10	.20	3.38	4.0
6223203	6253513	5	2005	53513	3513	0	20	660546	6093275	13K16	.07	10.0	1	4	0	1	1	12.20	.05	3.84	.2
6223204	6253514	5	2005	53514	3514	0	20	662942	6094282	13K16	.07	12.0	5	4	0	1	1	10.70	.20	3.19	.2
6223205	6253515	5	2005	53515	3515	0	20	660909	6091155	13K16	.17	2.5	1	2	0	1	1	5.37	.05	1.63	1.3
6223206	6253516	5	2005	53516	3516	0	20	661082	6084805	13K16	.64	3.0	5	13	0	1	1	13.80	.05	6.21	2.1
6223207	6253517	5	2005	53517	3517	0	20	665703	6081997	13K16	.05	5.0	5	2	0	1	1	4.95	.05	1.91	.2
6223208	6253518	5	2005	53518	3518	0	20	668177	6081994	13K16	3.21	5.0	1	2	0	1	1	6.62	.05	2.06	4.0
6223209	6253519	5	2005	53519	3519	1	20	672965	6081499	13K16	.88	8.0	1	4	0	1	1	12.10	.05	4.56	5.7
6223211	6253520	5	2005	53520	3520	2	20	672965	6081499	13K16	.88	6.0	1	4	0	1	1	11.60	.05	4.90	6.7
6223212	6253521	5	2005	53521	3521	0	20	676271	6080194	13K16	.36	20.0	6	4	0	1	1	11.20	.10	3.19	.2
6223213	6253522	5	2005	53522	3522	0	20	689627	6076037	13K16	.54	5.0	1	4	0	1	1	14.50	.05	3.75	110.0
6223214	6253523	5	2005	53523	3523	0	20	690313	6075665	13K16	.06	4.0	1	2	0	1	1	7.00	.05	.92	25.0
6223215	6253524	5	2005	53524	3524	0	20	691214	6075618	13K16	.05	4.5	1	2	0	1	1	7.72	.05	1.96	13.0
6223216	6253525	5	2005	53525	3525	0	20	692303	6074026	13K16	.13	12.5	1	4	0	1	1	11.30	.05	2.86	3.9
6223217	6253526	5	2005	53526	3526	0	20	690742	6073132	13K16	.13	6.0	1	4	0	1	1	10.10	.05	2.73	.2
6223218	6253527	5	2005	53527	3527	0	20	689487	6072248	13K16	.08	10.5	6	4	0	1	1	7.82	.05	2.59	23.0
6223219	6253528	5	2005	53528	3528	0	20	687897	6072593	13K16	.08	3.5	1	2	0	1	1	7.26	.05	1.61	36.0
6223221	6253529	5	2005	53529	3529	0	20	685835	6072774	13K16	.04	4.0	1	2	0	1	1	5.76	.05	.74	4.1
6223222	6253530	5	2005	53530	3530	0	20	682268	6072640	13K16	.23	5.0	3	2	0	1	1	9.18	.05	3.45	.2
6223223	6253531	5	2005	53531	3531	0	20	681522	6070985	13K16	.11	4.0	6	4	0	1	1	5.93	.05	2.44	1.3
6223224	6253532	5	2005	53532	3532	0	20	678452	6071721	13K16	.08	9.0	6	4	0	1	1	10.10	.05	3.84	.2
6223225	6253533	5	2005	53533	3533	0	20	677343	6070815	13K16	.05	5.0	6	4	0	1	1	7.23	.05	2.64	.2
6223226	6253534	5	2005	53534	3534	0	20	674588	6070793	13K16	.57	5.0	6	1	0	1	1	12.60	.05	6.76	6.0
6223227	6253535	5	2005	53535	3535	0	20	672142	6071069	13K16	.07	3.5	6	2	0	1	1	4.44	.05	1.24	.2
6223228	6253536	5	2005	53536	3536	0	20	669700	6070390	13K16	.10	8.5	6	4	0	1	1	7.87	.20	3.63	.2
6223229	6253537	5	2005	53537	3537	0	20	667234	6071066	13K16	.11	5.5	6	4	0	1	1	6.05	.05	2.74	.2
6223231	6253538	5	2005	53538	3538	0	20	664760	6070426	13K16	.04	3.0	1	2	0	1	1	5.01	.05	1.92	.2
6223232	6253539	5	2005	53539	3539	1	20	665597	6072740	13K16	.08	4.0	6	4	0	1	1	5.84	.10	2.26	.2
6223233	6253540	5	2005	53540	3540	2	20	665597	6072740	13K16	.08	4.0	6	4	0	1	1	5.41	.05	2.14	.2
6223234	6253541	5	2005	53541	3541	0	20	666488	6074069	13K16	.22	6.5	6	2	0	1	1	7.08	.05	2.70	2.8
6223235	6253542	5	2005	53542	3542	0	20	669288	6073143	13K16	.10	22.0	6	4	0	1	1	5.90	.10	2.16	.2
6223236	6253543	5	2005	53543	3543	0	20	671770	6072395	13K16	.54	8.0	6	4	0	1	1	8.82	.10	2.52	2.6
6223237	6253544	5	2005	53544	3544	0	20	673839	6073235	13K16	.05	4.0	6	2	0	1	1	7.18	.05	2.68	2.4
6223238	6253545	5	2005	53545	3545	0	20	676090	6073505	13K16	.12	8.0	6	4	0	1	1	8.87	.05	2.59	.2
6223239	6253546	5	2005	53546	3546	0	20	678710	6073735	13K16	.37	8.0	6	2	0	1	1	16.60	.05	6.19	1.4
6223241	6253547	5	2005	53547	3547	0	20	680734	6073720	13K16	.11	6.0	6	2	0	1	1	7.33	.05	2.76	3.6
6223242	6253548	5	2005	53548	3548	0	20	682997	6074074	13K16	.51	5.0	6	2	0	1	1	10.60	.05	4.42	2.5
6223243	6253549	5	2005	53549	3549	0	20	684372	6075029	13K16	.06	8.0	6	4	0	1	1	8.73	.10	3.03	.2
6223244	6253550	5	2005	53550	3550	0	20	686372	6074534	13K16	.08	2.0	1	13	0	1	1	7.51	.05	.65	12.6
6223245	6253551	5	2005	53551	3551	0	20	687211	6076253	13K16	.17	6.0	6	5	0	1	1	9.54	.10	1.63	.2
6223246	6253552	5	2005	53552	3552	0	20	685463	6076123	13K16	.86	8.0	6	4	0	1	1	9.23	.05	4.52	.2
6223247	6253553	5	2005	53553	3553	0	20	683552	6076044	13K16	.80	8.0	6	2	0	1	1	9.44	.05	3.99	.2
6223248	6253554	5	2005	53554	3554	0	20	681050	6076019	13K16	.10	2.0	6	2	0	1	1	8.73	.05	3.12	.2
6223249	6253555	5	2005	53555	3555	0	20	678743	6075565	13K16	.13	2.0	6	2	0	1	1	5.70	.05	2.33	.2

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts area	km2	depth m	veg	colour	contam	watclr	watsusp	mass	ag6	al2	as1
6223251	6253556	5	2005	53556	3556	0	20	674420	6075896	13K16	.10	2.0	6	2	0	1	1	7.47	.05	2.65	2.8
6223252	6253557	5	2005	53557	3557	0	20	671632	6075822	13K16	.07	2.5	6	2	0	1	1	4.99	.05	1.90	1.4
6223253	6253558	5	2005	53558	3558	0	20	669738	6074972	13K16	.04	13.0	6	4	0	1	1	10.80	.40	3.36	3.5
6223254	6253559	5	2005	53559	3559	1	20	671500	6076895	13K16	.03	4.0	1	2	0	1	1	5.04	.10	2.19	.2
6223255	6253560	5	2005	53560	3560	2	20	671500	6076895	13K16	.03	4.0	1	2	0	1	1	4.31	.20	1.96	.2
6223256	6253561	5	2005	53561	3561	0	20	677215	6076765	13K16	.09	9.0	6	4	0	1	1	5.76	.05	4.36	3.3
6223257	6253562	5	2005	53562	3562	0	20	680500	6078700	13K16	1.17	3.5	6	4	0	1	1	6.28	.05	2.14	1.9
6223258	6253563	5	2005	53563	3563	0	20	682820	6079850	13K16	.11	4.0	4	2	0	1	1	5.09	.05	1.73	2.1
6223259	6253564	5	2005	53564	3564	0	20	685480	6078472	13K16	.06	2.0	6	13	0	1	1	6.97	.05	3.64	.2
6223261	6253565	5	2005	53565	3565	0	20	688334	6079160	13K16	.16	5.0	6	13	0	1	1	9.57	.10	1.59	2.0
6223262	6253566	5	2005	53566	3566	0	20	689130	6080090	13K16	.02	6.0	1	2	0	1	1	5.39	.05	1.69	.2
6223263	6253567	5	2005	53567	3567	0	20	689685	6065065	13K09	.01	5.0	5	4	0	1	1	6.37	.05	1.81	.2
6223264	6253568	5	2005	53568	3568	0	20	686190	6062127	13K09	.02	7.0	5	4	0	1	1	7.62	.05	3.19	5.1
6223265	6253569	5	2005	53569	3569	0	20	673750	6055691	13K09	.03	12.0	1	4	0	1	1	11.90	.30	4.27	4.8
6223266	6253570	5	2005	53570	3570	0	20	676151	6066709	13K09	.06	1.5	3	13	0	1	1	12.90	.10	6.86	4.0
6223267	6253571	5	2005	53571	3571	0	20	690259	6078853	13K16	.26	7.0	6	4	0	1	1	6.66	3.40	2.55	8.5
6223268	6253572	5	2005	53572	3572	0	20	691262	6078748	13K16	.07	14.0	6	4	0	1	1	10.10	.40	3.10	18.0
6223269	6253573	5	2005	53573	3573	0	20	691492	6080377	13K16	.11	26.0	6	4	0	1	1	8.30	1.20	3.11	18.0
6223271	6253574	5	2005	53574	3574	0	20	691547	6084458	13K16	.14	3.0	6	4	0	1	1	7.04	.05	3.25	2.0
6223272	6253575	5	2005	53575	3575	0	20	690224	6085490	13K16	.06	1.5	3	2	0	1	1	6.35	.20	3.70	2.7
6223273	6253576	5	2005	53576	3576	0	20	688210	6083227	13K16	.02	3.0	6	2	0	1	1	4.29	.05	1.24	.2
6223274	6253577	5	2005	53577	3577	0	20	686754	6082313	13K16	.03	7.0	6	4	0	1	1	12.70	.05	2.95	2.6
6223275	6253578	5	2005	53578	3578	0	20	686790	6080592	13K16	.04	1.0	6	2	0	1	1	4.70	.05	1.68	.2
6223276	6253579	5	2005	53579	3579	1	20	684036	6080613	13K16	.14	8.0	6	4	0	1	1	7.11	.05	2.56	.2
6223277	6253580	5	2005	53580	3580	2	20	684036	6080613	13K16	.14	8.0	6	4	0	1	1	6.98	.05	2.40	.2
6223278	6253581	5	2005	53581	3581	0	20	681642	6080880	13K16	.68	10.0	6	4	0	1	1	10.30	.30	4.65	5.1
6223279	6253582	5	2005	53582	3582	0	20	680017	6080247	13K16	.06	5.0	6	4	0	1	1	9.18	.10	3.04	.2
6223281	6253583	5	2005	53583	3583	0	20	678748	6079788	13K16	.02	3.0	6	4	0	1	1	5.83	.05	1.44	1.2
6223282	6253584	5	2005	53584	3584	0	20	678580	6079023	13K16	.04	4.0	6	4	0	1	1	5.78	.05	1.57	.2
6223283	6253585	5	2005	53585	3585	0	20	676274	6078379	13K16	.10	5.0	6	4	0	1	1	5.98	.10	1.94	1.5
6223284	6253586	5	2005	53586	3586	0	20	673818	6079219	13K16	.05	8.0	6	4	0	1	1	10.50	.05	5.37	4.4
6223285	6253587	5	2005	53587	3587	0	20	672625	6080672	13K16	.08	12.0	1	4	0	1	1	9.74	.10	4.18	4.1
6223286	6253588	2	2005	53588	3588	0	20	670837	6080120	13K16	.01	13.0	1	4	0	1	1	12.40	.50	3.36	2.5
6223287	6253589	5	2005	53589	3589	0	20	668739	6080201	13K16	3.21	4.0	1	2	0	1	1	4.26	.05	2.22	.2
6223288	6253590	5	2005	53590	3590	0	20	669154	6077771	13K16	.04	14.0	1	2	0	1	1	8.85	.30	2.81	.2
6223289	6253591	5	2005	53591	3591	0	20	666723	6077526	13K16	.66	14.0	1	4	0	1	1	14.70	.05	5.52	5.8
6223291	6253592	5	2005	53592	3592	0	20	665916	6075836	13K16	.15	22.0	1	4	0	1	1	12.30	.80	4.00	2.5
6223292	6253593	5	2005	53593	3593	0	20	664644	6076193	13K16	.14	8.0	1	2	0	1	1	7.90	.05	2.08	.2
6223293	6253594	5	2005	53594	3594	0	20	663789	6077215	13K16	.13	3.0	6	1	0	1	1	5.14	.20	3.30	.2
6223294	6253595	5	2005	53595	3595	0	20	666280	6078714	13K16	.10	3.0	1	2	0	1	1	5.34	.05	2.57	1.2
6223295	6253596	5	2005	53596	3596	0	20	666475	6079825	13K16	.03	10.0	1	4	0	1	1	6.13	.40	2.37	3.2
6223296	6253597	5	2005	53597	3597	0	20	670393	6083356	13K16	.05	11.0	1	4	0	1	1	11.50	.30	4.41	3.0
6223297	6253598	5	2005	53598	3598	0	20	670281	6084201	13K16	.05	3.0	1	2	0	1	1	5.41	.05	2.39	.2
6223298	6253599	5	2005	53599	3599	1	20	669073	6085698	13K16	.23	20.0	5	4	0	1	1	10.20	.30	3.36	.2
6223299	6253600	5	2005	53600	3600	2	20	669073	6085698	13K16	.23	20.0	5	4	0	1	1	10.30	.20	3.44	.2
6223301	6253601	5	2005	53601	3601	0	20	669530	6087227	13K16	.44	12.0	5	4	0	1	1	12.40	.05	4.74	6.5
6223302	6253602	5	2005	53602	3602	0	20	668726	6088159	13K16	.21	13.0	5	2	0	1	1	10.40	.05	6.07	.2
6223303	6253603	5	2005	53603	3603	0	20	669839	6088720	13K16	.05	2.0	6	2	0	1	1	4.34	.05	2.41	1.3
6223304	6253604	5	2005	53604	3604	0	20	665968	6088758	13K16	.05	5.0	5	2	0	1	1	7.29	.05	4.33	.2
6223305	6253605	5	2005	53605	3605	0	20	663115	6089646	13K16	.06	2.0	5	4	0	1	1	7.24	.05	3.10	2.7
6223306	6253606	5	2005	53606	3606	0	20	666219	6095120	13K16	.05	10.0	5	4	0	1	1	7.97	.05	2.56	.2
6223307	6253607	5	2005	53607	3607	0	20	670007	6105230	13N01	.23	11.0	5	2	0	1	1	10.20	.05	5.69	3.6
6223308	6253608	5	2005	53608	3608	0	20	666863	6091212	13K16	.13	10.0	5	4	0	1	1	12.00	.05	4.71	3.9
6223309	6253609	5	2005	53609	3609	0	20	668769	6091587	13K16	.13	7.0	5	4	0	1	1	8.40	.05	3.46	2.6
6223311	6253610	5	2005	53610	3610	0	20	671263	6090723	13K16	.25	3.0	6	13	0	1	1	7.20	.05	5.52	.2
6223312	6253611	5	2005	53611	3611	0	20	672370	6090552	13K16	.05	15.0	6	4	0	1	1	14.40	.20	5.24	4.9
6223313	6253612	5	2005	53612	3612	0	20	673088	6091217	13K16	.04	2.0	6	4	0	1	1	4.78	.10	1.46	.2
6223314	6253613	5	2005	53613	3613	0	20	674511	6093283	13K16	.44	13.0	6	4	0	1	1	7.83	.10	4.33	.2
6223315	6253614	5	2005	53614	3614	0	20	673050	6095326	13K16	.51	2.0	6	2	0	1	1	8.96	.40	6.04	2.6
6223316	6253615	5	2005	53615	3615	0	20	673682	6095943	13K16	.11	1.0	1	2	0	1	1	21.70	.05	6.59	.2
6223317	6253616	5	2005	53616	3616	0	20	691147	6094316	13K16	.05	6.0	6	2	0	1	1	4.17	.05	2.48	.2
6223318	6253617	5	2005	53617	3617	0	20	690175	6091489	13K16	.30	13.0	6	2	0	1	1	6.87	.05	4.46	5.4
6223319	6253618	5	2005	53618	3618	0	20	689844	6090764	13K16	.15	20.0	6	4	0	1	1	10.30	.05	4.58	5.0
6223321	6253619	5	2005	53619	3619	1	20	688948	6086485	13K16	.02	10.0	6	4	0	1	1	7.13	.05	3.15	.2
6223322	6253620	5	2005	53620	3620	2	20	688948	6086485	13K16	.02	10.0	6	4	0	1	1	5.04	.05	3.33	.2
6223323	6253621	5	2005	53621	3621	0	20	685865	6085148	13K16	.21	4.0	6	7	0	1	1	21.30	.05	6.66	.2
6223324	6253622	5	2005	53622	3622	0	20	684787	6086207	13K16	.14	13.0	6	4	0	1	1	10.00	.05	4.00	.2
6223325	6253623	5	2005	53623	3623	0	20	683012	6083020	13K16	.74	7.0	6	2	0	1	1	6.00	.05	3.58	.2
6223326	6253624	5	2005	53624	3624	0	20	684241	6082383	13K16	.17	5.0	6	2	0	1	1	5.96	.05	3.64	.2

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts area	km2	depth m	veg	colour	contam	watclr	watsusp	mass	ag6	al2	as1
6223327	6253625	5	2005	53625	3625	0	20	682641	6079084	13K16	.02	2.0	6	2	0	1	1	4.90	.05	1.12	1.2
6223328	6253626	5	2005	53626	3626	0	20	680602	6083155	13K16	.46	2.0	6	7	0	1	1	11.90	.05	6.14	1.8
6223329	6253627	5	2005	53627	3627	0	20	677670	6083164	13K16	.17	6.0	1	4	0	1	1	11.50	.05	4.93	.2
6223331	6253628	5	2005	53628	3628	0	20	675221	6085044	13K16	.16	2.0	6	2	0	1	1	12.70	.05	5.63	.2
6223332	6253629	5	2005	53629	3629	0	20	672650	6084525	13K16	.01	1.0	3	2	0	1	1	6.02	.05	2.44	.2
6223333	6253630	5	2005	53630	3630	0	20	672205	6082712	13K16	.05	1.0	3	2	0	1	1	6.68	.05	3.47	.2
6223334	6253631	5	2005	53631	3631	0	20	676075	6083242	13K16	.42	4.0	2	4	0	1	1	8.34	.05	4.06	4.1
6223335	6253632	5	2005	53632	3632	0	20	677146	6085957	13K16	.22	6.0	1	4	0	1	1	5.61	.05	3.03	.2
6223336	6253633	5	2005	53633	3633	0	20	679333	6085454	13K16	.10	16.0	6	4	0	1	1	10.80	.10	3.52	.2
6223337	6253634	5	2005	53634	3634	0	20	681817	6086107	13K16	.22	7.0	6	2	0	1	1	5.85	.05	2.58	2.5
6223338	6253635	5	2005	53635	3635	0	20	678709	6088060	13K16	.02	7.0	1	2	0	1	1	5.04	.05	2.86	1.9
6223339	6253636	5	2005	53636	3636	0	20	677305	6086946	13K16	.09	7.0	1	2	0	1	1	8.01	.05	3.05	4.8
6223341	6253637	5	2005	53637	3637	0	20	675129	6087249	13K16	.02	1.0	1	4	0	1	1	6.62	.05	3.33	.2
6223342	6253638	5	2005	53638	3638	0	20	672341	6088269	13K16	.02	23.0	6	4	0	1	1	7.95	.30	3.75	.2
6223343	6253639	5	2005	53639	3639	1	20	673936	6089776	13K16	.29	5.0	6	2	0	1	1	5.62	.05	3.04	3.0
6223344	6253640	5	2005	53640	3640	2	20	673936	6089776	13K16	.29	5.0	6	2	0	1	1	5.36	.05	2.99	5.6
6223345	6253641	5	2005	53641	3641	0	20	679188	6091172	13K16	.09	11.0	1	13	0	1	1	13.20	.10	6.29	6.4
6223346	6253642	5	2005	53642	3642	0	20	680715	6091153	13K16	.12	5.0	6	2	0	1	1	6.80	.05	3.16	5.8
6223347	6253643	5	2005	53643	3643	0	20	683938	6089811	13K16	.04	7.0	6	2	0	1	1	7.68	.05	3.20	.2
6223348	6253644	5	2005	53644	3644	0	20	683682	6088838	13K16	.14	8.0	6	2	0	1	1	7.25	.05	3.55	.2
6223349	6253645	5	2005	53645	3645	0	20	686120	6089523	13K16	.07	8.0	4	4	0	1	1	7.61	.05	2.81	.2
6223351	6253646	5	2005	53646	3646	0	20	688655	6091006	13K16	.14	10.0	6	4	0	1	1	8.15	.05	2.86	.2
6223352	6253647	5	2005	53647	3647	0	21	309917	6093270	13J13	.06	5.0	6	4	0	1	1	5.51	.05	2.53	.2
6223353	6253648	5	2005	53648	3648	0	20	688597	6091975	13K16	.15	2.0	6	2	0	1	1	4.06	.05	5.74	7.9
6223354	6253649	5	2005	53649	3649	0	20	686920	6091642	13K16	.09	10.0	6	4	0	1	1	2.34	#NULL!	3.75	5.0
6223355	6253650	5	2005	53650	3650	0	20	683631	6092328	13K16	.10	6.0	6	4	0	1	1	8.04	.05	3.04	5.3
6223356	6253651	5	2005	53651	3651	0	20	681364	6092731	13K16	.01	2.0	6	2	0	1	1	7.01	.05	2.68	3.8
6223357	6253652	5	2005	53652	3652	0	20	679639	6094064	13K16	.59	12.0	6	2	0	1	1	13.40	.05	5.69	8.3
6223358	6253653	5	2005	53653	3653	0	20	675493	6097299	13K16	.41	10.0	6	4	0	1	1	8.61	.20	3.23	.2
6223359	6253654	5	2005	53654	3654	0	20	679481	6096713	13K16	.21	12.0	6	4	0	1	1	13.90	.60	3.92	7.0
6223361	6253655	5	2005	53655	3655	0	20	682000	6096573	13K16	.21	10.0	1	4	0	1	1	7.28	.05	3.16	.2
6223362	6253656	5	2005	53656	3656	0	20	683104	6096425	13K16	.04	6.0	1	4	0	1	1	5.31	.05	3.37	2.9
6223363	6253657	5	2005	53657	3657	0	20	682857	6095049	13K16	.03	6.0	1	4	0	1	1	7.42	.05	2.85	.2
6223364	6253658	5	2005	53658	3658	0	20	684826	6094535	13K16	.02	3.0	1	2	0	1	1	4.13	.05	1.57	.2
6223365	6253659	5	2005	53659	3659	0	20	686076	6095366	13K16	.11	14.0	1	13	0	1	1	4.49	#NULL!	6.64	7.1
6223366	6253660	5	2005	53660	3660	0	20	687931	6093932	13K16	.47	6.0	6	2	0	1	1	9.09	.05	3.66	.2
6223367	6253661	5	2005	53661	3661	1	20	688473	6095909	13K16	.21	4.0	6	2	0	1	1	5.33	.05	2.57	2.0
6223368	6253662	5	2005	53662	3662	2	20	688473	6095909	13K16	.21	4.0	6	2	0	1	1	5.05	.05	2.40	1.1
6223369	6253663	5	2005	53663	3663	0	20	686032	6097094	13K16	.02	4.0	6	2	0	1	1	5.83	.05	1.95	.2
6223371	6253664	5	2005	53664	3664	0	20	690518	6097443	13K16	.08	7.0	6	4	0	1	1	8.14	.05	3.69	.2
6223372	6253665	5	2005	53665	3665	0	21	310311	6099251	13O04	.39	6.0	6	13	0	1	1	12.60	.05	5.80	3.7
6223373	6253666	5	2005	53666	3666	0	21	308280	6099386	13O04	.14	4.0	6	2	0	1	1	5.49	.05	3.56	.2
6223374	6253667	5	2005	53667	3667	0	21	309649	6105736	13O04	.11	4.0	6	2	0	1	1	6.01	.05	3.73	3.4
6223375	6253668	5	2005	53668	3668	0	21	309205	6104297	13O04	.02	2.0	1	2	0	1	1	4.14	.05	1.34	.2
6223376	6253669	5	2005	53669	3669	0	21	309150	6097264	13J13	.04	4.0	6	4	0	1	1	4.39	.05	1.61	.2
6223377	6253670	5	2005	53670	3670	0	21	308684	6095124	13J13	.09	8.0	1	2	0	1	1	#NULL!	.05	3.91	#NULL!
6223378	6253671	5	2005	53671	3671	0	21	311073	6094171	13J13	.39	7.0	1	4	0	1	1	8.10	.05	4.99	.2
6223379	6253672	5	2005	53672	3672	0	21	311478	6095866	13J13	.14	6.0	1	7	0	1	1	12.70	.05	6.32	.2
6223381	6253673	5	2005	53673	3673	0	21	313104	6097668	13J13	.03	2.0	1	2	0	1	1	6.43	.05	2.66	3.2
6223382	6253674	5	2005	53674	3674	0	21	312172	6095057	13J13	.10	11.0	6	2	0	1	1	10.70	.05	4.86	.2
6223383	6253675	5	2005	53675	3675	0	21	313746	6094222	13J13	.04	8.0	6	4	0	1	1	9.08	.05	4.46	3.0
6223384	6253676	5	2005	53676	3676	0	21	310948	6092360	13J13	.21	2.0	1	7	0	1	1	22.30	.05	6.52	.2
6223385	6253677	5	2005	53677	3677	0	21	312737	6091039	13J13	.04	2.0	6	7	0	1	1	6.05	.05	4.00	1.7
6223386	6253678	5	2005	53678	3678	0	21	309010	6089229	13J13	.01	2.0	1	4	0	1	1	6.19	.05	2.96	2.3
6223387	6253679	5	2005	53679	3679	1	21	310876	6089055	13J13	.34	7.0	6	4	0	1	1	14.20	.05	6.79	2.1
6223388	6253680	5	2005	53680	3680	2	21	310876	6089055	13J13	.34	7.0	6	4	0	1	1	15.80	.05	6.31	.2
6223389	6253681	5	2005	53681	3681	0	21	313242	6089033	13J13	.04	6.0	1	4	0	1	1	8.10	.05	2.98	.2
6223392	6253683	5	2005	53683	3683	0	21	313493	6087510	13J13	.02	3.0	1	2	0	1	1	6.10	.05	2.57	3.7
6223393	6253684	5	2005	53684	3684	0	21	310440	6087333	13J13	.13	9.0	1	2	0	1	1	13.40	.05	4.70	.2
6223394	6253685	5	2005	53685	3685	0	21	309643	6086901	13J13	.21	4.0	1	4	0	1	1	4.34	.05	1.25	1.4
6223395	6253686	5	2005	53686	3686	0	21	311550	6085887	13J13	.04	8.0	1	4	0	1	1	10.40	.05	3.56	4.2
6223396	6253687	5	2005	53687	3687	0	21	310027	6084968	13J13	.43	4.0	6	13	0	1	1	11.10	.05	4.96	15.0
6223397	6253688	5	2005	53688	3688	0	21	309685	6083787	13J13	.05	4.0	6	2	0	1	1	5.40	.05	2.35	2.1
6223398	6253689	5	2005	53689	3689	0	21	307750	6082322	13J13	.04	2.0	6	4	0	1	1	10.40	.05	3.80	2.9
6223399	6253690	5	2005	53690	3690	0	21	311323	6084091	13J13	.01	1.5	1	4	0	1	1	6.36	.05	3.12	.2
6223401	6253691	5	2005	53691	3691	0	21	314391	6085513	13J13	.73	9.0	1	13	0	1	1	10.70	.05	4.95	4.9
6223402	6253692	5	2005	53692	3692	0	21	317184	6087274	13J13	.01	4.0	3	2	0	1	1	3.91	.05	1.18	.2
6223403	6253693	5	2005	53693	3693	0	21	315615	6089195	13J13	.05	12.0	1	2	0	1	1	14.40	.05	6.14	2.2
6223404	6253694	5	2005	53694	3694	0	21	317673	6093084	13J13	.12	12.0	1	2	0	1	1	6.23	.05	3.19	3.0

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts area	km2	depth m	veg	colour	contam	watclr	watsusp	mass	ag6	al2	as1
6223405	6253695	5	2005	53695	3695	0	21	319780	6094069	13J13	.01	1.0	6	13	0	1	1	6.02	.05	3.68	.2
6223406	6253696	5	2005	53696	3696	0	21	315106	6084105	13J13	.05	3.0	3	4	1	1	1	5.34	.05	1.94	.2
6223407	6253697	5	2005	53697	3697	0	21	326710	6096336	13J13	.14	3.0	1	13	0	1	1	17.00	.05	6.81	10.0
6223408	6253698	5	2005	53698	3698	0	21	329503	6097556	13J13	.17	4.0	1	3	0	1	1	5.58	.05	3.27	3.3
6223409	6253699	5	2005	53699	3699	1	21	335250	6094598	13J13	.02	.5	1	2	0	1	1	12.80	.05	5.28	.2
6223411	6253700	5	2005	53700	3700	2	21	335250	6094598	13J13	.02	.5	1	2	0	1	1	11.80	.05	5.57	2.9
6223412	6253701	5	2005	53701	3701	0	21	336960	6095210	13J13	.05	2.0	6	2	0	1	1	19.00	.05	5.81	1.9
6223413	6253702	5	2005	53702	3702	0	21	339508	6095236	13J13	.11	2.0	3	4	0	1	1	5.19	.05	1.66	.2
6223414	6253703	5	2005	53703	3703	0	21	337931	6093364	13J13	.70	8.0	1	4	0	1	1	11.50	.05	3.02	8.4
6223415	6253704	5	2005	53704	3704	0	21	338267	6091938	13J13	.34	4.0	3	13	0	1	1	17.40	.05	6.35	3.8
6223416	6253705	5	2005	53705	3705	0	21	336898	6089332	13J13	.65	10.0	3	4	0	1	1	8.16	.05	3.33	2.1
6223417	6253706	5	2005	53706	3706	0	21	331804	6088391	13J13	.03	3.0	5	4	0	1	1	4.51	.05	1.61	1.3
6223418	6253707	5	2005	53707	3707	0	21	331728	6083544	13J13	.08	1.5	5	4	0	1	1	6.29	.05	4.11	.2
6223419	6253708	5	2005	53708	3708	0	21	333737	6082809	13J13	.67	2.0	3	13	0	1	1	5.14	.05	2.85	.2
6223421	6253709	5	2005	53709	3709	0	21	331117	6080264	13J13	.19	5.0	5	13	0	1	1	23.10	.05	7.10	4.6
6223422	6253710	5	2005	53710	3710	0	21	334924	6080589	13J13	.28	6.0	5	4	0	1	1	6.96	.05	3.97	2.7
6223423	6253711	5	2005	53711	3711	0	21	338880	6079165	13J13	.26	5.0	1	2	0	1	1	4.11	.05	2.49	.2
6223424	6253712	5	2005	53712	3712	0	21	338450	6077243	13J13	.09	6.0	1	4	0	1	1	6.35	.05	2.39	.2
6223425	6253713	5	2005	53713	3713	0	21	335666	6078494	13J13	.17	6.0	1	2	0	1	1	6.28	.05	2.58	.2
6223426	6253714	2	2005	23714	3714	0	21	332983	6079022	13J13	.05	1.0	1	2	0	1	1	6.98	.05	4.54	.2
6223427	6223715	2	2005	23715	3715	0	21	344766	6068493	13J11	.19	3.0	3	2	0	#NULL!	#NULL!	4.00	.05	1.44	.2
6223428	6223716	2	2005	23716	3716	0	21	347397	6068499	13J11	.06	6.5	3	2	0	#NULL!	#NULL!	6.67	.10	2.15	.2
6223429	6223717	2	2005	23717	3717	0	21	350602	6068870	13J11	.01	4.0	3	13	0	#NULL!	#NULL!	4.00	.05	.55	1.5
6223431	6223718	2	2005	23718	3718	0	21	353518	6068921	13J11	.33	1.0	1	2	0	#NULL!	#NULL!	21.50	.05	6.02	.2
6223432	6223719	2	2005	23719	3719	1	21	354084	6067203	13J11	.03	4.0	1	2	0	#NULL!	#NULL!	3.05	.05	.80	.2
6223433	6223720	2	2005	23720	3720	2	21	354084	6067203	13J11	.03	4.0	1	2	0	#NULL!	#NULL!	3.28	.05	.79	.2
6223434	6223721	2	2005	23721	3721	0	21	359431	6068141	13J11	.04	9.0	1	4	0	#NULL!	#NULL!	11.10	.05	3.55	.2
6223435	6223722	2	2005	23722	3722	0	21	360588	6067714	13J11	.66	4.0	1	4	0	#NULL!	#NULL!	6.94	.05	2.97	3.0
6223436	6223723	2	2005	23723	3723	0	21	362205	6068667	13J11	.08	12.0	6	2	0	#NULL!	#NULL!	10.30	.05	3.40	3.1
6223437	6223724	2	2005	23724	3724	0	21	363116	6068700	13J11	.03	3.0	4	2	0	#NULL!	#NULL!	13.50	.05	6.06	3.9
6223438	6223725	2	2005	23725	3725	0	21	365879	6068215	13J11	.02	6.0	4	4	0	#NULL!	#NULL!	7.49	.05	2.68	.2
6223439	6223726	2	2005	23726	3726	0	21	370080	6066569	13J11	.07	6.0	4	4	0	#NULL!	#NULL!	9.71	.05	3.60	.2
6223441	6223727	2	2005	23727	3727	0	21	368698	6065492	13J11	.05	3.0	1	2	0	#NULL!	#NULL!	4.09	.05	1.60	.2
6223442	6223728	2	2005	23728	3728	0	21	367509	6064839	13J11	.03	2.0	1	13	0	#NULL!	#NULL!	3.73	.05	1.19	.2
6223443	6223729	2	2005	23729	3729	0	21	363211	6066267	13J11	1.93	7.0	1	2	0	#NULL!	#NULL!	10.20	.05	2.98	.2
6223444	6223730	2	2005	23730	3730	0	21	361265	6065300	13J11	.03	5.0	6	2	0	#NULL!	#NULL!	5.61	.05	1.95	.2
6223445	6223731	2	2005	23731	3731	0	21	359885	6064421	13J11	.11	12.0	3	4	0	#NULL!	#NULL!	7.66	.05	2.83	.2
6223446	6223732	2	2005	23732	3732	0	21	357097	6063202	13J11	.24	8.0	3	4	0	#NULL!	#NULL!	6.65	.05	2.08	.2
6223447	6223733	2	2005	23733	3733	0	21	356560	6064560	13J11	.01	1.5	6	2	0	#NULL!	#NULL!	10.40	.05	5.16	.2
6223448	6223734	2	2005	23734	3734	0	21	354600	6064054	13J11	.05	5.0	6	4	0	#NULL!	#NULL!	5.05	.05	2.76	.2
6223449	6223735	2	2005	23735	3735	0	21	348080	6064695	13J11	.02	2.0	3	13	0	#NULL!	#NULL!	3.55	.05	1.42	.2
6223451	6223736	2	2005	23736	3736	0	21	347456	6066500	13J11	.04	4.0	6	2	0	#NULL!	#NULL!	3.69	.05	1.45	1.2
6223452	6223737	2	2005	23737	3737	0	21	345798	6067108	13J11	.02	5.0	1	4	0	#NULL!	#NULL!	7.05	.05	3.33	3.9
6223453	6223738	2	2005	23738	3738	0	21	342790	6066426	13J11	.09	12.0	3	2	0	#NULL!	#NULL!	24.10	.05	7.05	5.0
6223454	6223739	2	2005	23739	3739	0	21	339910	6067577	13J11	.02	8.0	4	2	0	#NULL!	#NULL!	8.61	.05	5.63	4.0
6223455	6223740	2	2005	23740	3740	1	21	340329	6064920	13J11	.06	12.0	4	4	0	#NULL!	#NULL!	17.90	.05	6.12	.2
6223456	6223741	2	2005	23741	3741	2	21	340329	6064920	13J11	.06	12.0	4	4	0	#NULL!	#NULL!	20.50	.05	6.19	.2
6223457	6223742	2	2005	23742	3742	0	21	339610	6061367	13J11	1.34	5.0	1	5	0	#NULL!	#NULL!	7.27	.05	3.28	4.2
6223458	6223743	2	2005	23743	3743	0	21	345491	6064098	13J11	.10	3.0	6	4	0	#NULL!	#NULL!	3.98	.05	2.50	.2
6223459	6223744	2	2005	23744	3744	0	21	344077	6061230	13J11	1.59	6.0	1	4	0	#NULL!	#NULL!	11.30	.05	4.50	8.4
6223461	6223745	2	2005	23745	3745	0	21	344980	6060133	13J11	.01	1.0	3	2	0	#NULL!	#NULL!	6.97	.05	3.41	3.4
6223462	6223746	2	2005	23746	3746	0	21	346018	6059102	13J11	.18	3.0	1	2	0	#NULL!	#NULL!	5.21	.05	1.55	.2
6223463	6223747	2	2005	23747	3747	0	21	355580	6058725	13J11	.09	2.0	1	2	0	#NULL!	#NULL!	8.85	.05	4.17	.2
6223464	6223748	2	2005	23748	3748	0	21	356240	6061170	13J11	.75	3.0	1	6	0	#NULL!	#NULL!	21.50	.05	7.30	2.5
6223465	6223749	2	2005	23749	3749	0	21	359300	6060152	13J11	.02	5.0	1	5	0	#NULL!	#NULL!	7.38	.05	4.24	.2
6223466	6223750	2	2005	23750	3750	0	21	362031	6063183	13J11	.01	4.0	3	2	0	#NULL!	#NULL!	3.89	.05	.72	.2
6223467	6223751	2	2005	23751	3751	0	21	365548	6063298	13J11	.04	1.5	3	3	0	#NULL!	#NULL!	2.38	.05	1.09	.2
6223468	6223752	2	2005	23752	3752	0	21	369470	6068058	13J11	.67	3.0	6	2	0	#NULL!	#NULL!	7.67	.05	3.83	.2
6223469	6223753	2	2005	23753	3753	0	21	370234	6063405	13J11	.01	1.0	2	4	0	#NULL!	#NULL!	9.19	.05	3.68	.2
6223471	6223754	2	2005	23754	3754	0	21	369639	6064296	13J11	.14	5.0	3	2	0	#NULL!	#NULL!	4.91	.05	2.02	1.6
6223472	6223755	2	2005	23755	3755	0	21	368764	6062455	13J11	.43	1.0	3	13	0	#NULL!	#NULL!	21.20	.05	6.10	1.6
6223473	6223756	2	2005	23756	3756	0	21	367429	6060304	13J11	.03	1.0	3	4	0	#NULL!	#NULL!	8.31	.05	3.30	3.0
6223474	6223757	2	2005	23757	3757	0	21	369300	6058250	13J11	.02	1.0	2	4	0	#NULL!	#NULL!	18.10	.05	6.16	.2
6223475	6223758	2	2005	23758	3758	0	21	370416	6056598	13J11	.56	2.0	3	7	0	#NULL!	#NULL!	16.80	.05	6.17	1.6
6223476	6223759	2	2005	23759	3759	1	21	367347	6057560	13J11	.01	5.0	3	4	0	#NULL!	#NULL!	3.87	.05	1.18	.2
6223477	6223760	2	2005	23760	3760	2	21	367347	6057560	13J11	.01	5.0	3	4	0	#NULL!	#NULL!	5.09	.05	1.26	.2
6223478	6223761	2	2005	23761	3761	0	21	365795	6054669	13J11	.57	3.0	3	2	0	#NULL!	#NULL!	4.37	.05	1.87	1.0
6223479	6223762	2	2005	23762	3762	0	21	364568	6056214	13J11	3.29	5.0	6	2	0	#NULL!	#NULL!	11.90	.05	4.37	.2
6223481	6223763	2	2005	23763	3763	0	21	361969	6058200	13J11	.01	2.0	2	2	0	#NULL!	#NULL!	4.70	.05	.53	.9

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	area km2	depth m	veg	colour	contam	watclr	watsusp	mass	ag6	al2	as1
6223482	6223764	2	2005	23764	3764	0	21	361018	6055867	13J11	.15	1.0	3	10	0	#NULL!	#NULL!	5.48	.05	3.23	1.8
6223483	6223765	2	2005	23765	3765	0	21	358938	6058061	13J11	.09	5.0	1	2	0	#NULL!	#NULL!	5.84	.05	2.33	2.0
6223484	6223766	2	2005	23766	3766	0	21	356822	6057792	13J11	.10	1.5	1	13	0	#NULL!	#NULL!	3.13	.05	1.19	1.8
6223485	6223767	2	2005	23767	3767	0	21	357279	6055560	13J11	.38	4.0	1	7	0	#NULL!	#NULL!	24.90	.05	7.31	.2
6223486	6223768	2	2005	23768	3768	0	21	354556	6055699	13J11	.17	1.0	1	10	0	#NULL!	#NULL!	3.70	.05	1.41	1.5
6223487	6223769	2	2005	23769	3769	0	21	349843	6056355	13J11	.03	1.0	1	4	0	#NULL!	#NULL!	5.79	.05	2.43	1.5
6223488	6223770	2	2005	23770	3770	0	21	349471	6055314	13J11	.09	4.0	1	2	0	#NULL!	#NULL!	3.80	.05	1.08	.2
6223489	6223771	2	2005	23771	3771	0	21	346740	6055521	13J11	.05	3.0	1	2	0	#NULL!	#NULL!	3.64	.05	1.40	.2
6223491	6223772	2	2005	23772	3772	0	21	344733	6055628	13J11	.09	5.0	1	2	0	#NULL!	#NULL!	5.01	.05	2.10	.2
6223492	6223773	2	2005	23773	3773	0	21	343012	6056552	13J11	.23	4.0	1	2	0	#NULL!	#NULL!	4.45	.05	1.91	.2
6223493	6223774	2	2005	23774	3774	0	21	339575	6059178	13J11	.33	4.0	1	2	0	#NULL!	#NULL!	6.06	.05	1.77	4.2
6223494	6223775	2	2005	23775	3775	0	21	338996	6057692	13J11	.59	4.0	1	2	0	#NULL!	#NULL!	10.50	.05	2.41	5.0
6223495	6223776	2	2005	23776	3776	0	21	339732	6053808	13J11	1.94	4.0	1	2	0	#NULL!	#NULL!	5.63	.05	3.42	.2
6223496	6223777	2	2005	23777	3777	0	21	339854	6052855	13J11	.09	1.0	1	2	0	#NULL!	#NULL!	3.94	.05	1.06	.2
6223497	6223778	2	2005	23778	3778	0	21	343312	6053111	13J11	.10	7.0	1	4	0	#NULL!	#NULL!	7.57	.05	2.48	.2
6223498	6223779	2	2005	23779	3779	0	21	345625	6053577	13J11	.06	#NULL!	1	13	0	#NULL!	#NULL!	4.06	.05	1.01	.2
6223499	6253780	5	2005	53780	3780	0	21	333658	6077777	13J13	.05	6.0	4	2	0	1	1	4.21	.05	1.32	.2
6223501	6253781	5	2005	53781	3781	0	21	332065	6077595	13J13	.07	8.0	4	4	0	1	1	6.87	.05	2.52	.2
6223502	6253782	5	2005	53782	3782	0	21	332654	6076584	13J13	.07	7.0	1	4	0	1	1	6.66	.05	2.32	.2
6223503	6253783	5	2005	53783	3783	0	21	335886	6075591	13J13	.05	5.0	3	2	0	1	1	6.88	.05	3.37	2.2
6223504	6253784	5	2005	53784	3784	0	21	333802	6075414	13J13	.06	13.0	1	2	0	1	1	4.01	.05	2.79	23.0
6223505	6253785	5	2005	53785	3785	1	21	330347	6075471	13J13	.03	6.0	1	4	0	1	1	4.95	.05	1.94	3.1
6223506	6253786	5	2005	53786	3786	2	21	330347	6075471	13J13	.03	6.0	1	4	0	1	1	5.08	.05	2.43	.2
6223507	6253787	5	2005	53787	3787	0	21	331911	6073307	13J13	.04	5.0	1	2	0	1	1	4.67	.05	2.28	4.5
6223508	6253788	5	2005	53788	3788	0	21	333692	6072912	13J13	.01	4.0	1	2	0	1	1	3.85	.05	.94	.2
6223509	6253789	5	2005	53789	3789	0	21	335107	6072954	13J13	.57	1.0	1	4	0	1	1	9.39	.05	4.06	4.8
6223511	6253790	5	2005	53790	3790	0	21	334512	6072218	13J13	.07	6.0	1	2	0	1	1	5.39	.05	1.86	6.3
6223512	6253791	5	2005	53791	3791	0	21	337785	6071141	13J13	.01	2.0	1	2	0	1	1	15.60	.05	5.93	1.8
6223513	6253792	5	2005	53792	3792	0	21	337957	6073119	13J13	.04	5.0	1	4	0	1	1	6.06	.05	3.16	4.2
6223514	6253793	5	2005	53793	3793	0	21	325171	6083036	13J13	.01	4.0	4	2	0	1	1	5.93	.05	2.01	2.6
6223515	6253794	5	2005	53794	3794	0	21	326582	6083950	13J13	.09	8.0	4	2	0	1	1	11.60	.05	5.57	2.0
6223516	6253795	5	2005	53795	3795	0	21	325044	6084265	13J13	.02	8.0	1	4	0	1	1	12.10	.05	4.88	7.2
6223517	6253796	5	2005	53796	3796	0	21	347865	6055514	13J11	.20	16.0	1	4	0	1	1	7.20	.05	2.93	2.0
6223518	6253797	5	2005	53797	3797	0	21	343609	6050759	13J11	.10	1.5	3	2	0	1	1	4.16	.05	1.38	.2
6223519	6253798	5	2005	53798	3798	0	21	346054	6051331	13J11	.06	10.0	1	4	0	1	1	4.19	.05	1.01	1.8
6223521	6253799	5	2005	53799	3799	0	21	348305	6053030	13J11	.22	1.0	3	2	0	1	1	5.45	.05	2.60	.2
6223522	6253800	5	2005	53800	3800	0	21	350650	6052162	13J11	.03	2.0	1	2	0	1	1	3.27	.05	.69	.2
6223523	6253801	5	2005	53801	3801	0	21	355425	6053316	13J11	.09	1.5	6	5	0	1	1	3.26	.05	.96	.2
6223524	6253802	5	2005	53802	3802	0	21	355347	6052692	13J11	.06	1.5	6	5	0	1	1	4.22	.05	2.11	.2
6223525	6253803	5	2005	53803	3803	0	21	356342	6050220	13J11	.04	2.5	3	5	0	1	1	3.24	.05	.62	.2
6223526	6253804	5	2005	53804	3804	0	21	361208	6053056	13J11	.15	1.5	3	5	0	1	1	4.07	.05	.74	.9
6223527	6253805	5	2005	53805	3805	1	21	362355	6053650	13J11	.01	2.0	3	5	0	1	1	2.58	.05	.92	.2
6223528	6253806	5	2005	53806	3806	2	21	362355	6053650	13J11	.01	2.0	3	5	0	1	1	2.02	.05	.81	.2
6223529	6253807	5	2005	53807	3807	0	21	364240	6055037	13J11	.02	5.5	3	4	0	1	1	4.29	.05	1.71	.2
6223531	6253808	5	2005	53808	3808	0	21	370474	6053819	13J11	.79	1.5	3	5	0	1	1	21.80	.05	6.64	1.3
6223532	6253809	5	2005	53809	3809	0	21	370550	6047272	13J11	1.80	4.0	3	5	0	1	1	8.11	.05	3.81	2.0
6223533	6253810	5	2005	53810	3810	0	21	370377	6045405	13J11	.02	8.0	1	5	0	1	1	4.92	.05	1.85	.2
6223534	6253811	5	2005	53811	3811	0	21	363002	6046614	13J11	.10	1.0	3	5	0	1	1	4.11	.05	1.65	1.0
6223535	6253812	5	2005	53812	3812	0	21	362209	6045456	13J11	.51	4.0	1	5	0	1	1	4.48	.05	1.42	.2
6223536	6253813	5	2005	53813	3813	0	21	361758	6044300	13J11	.27	4.0	1	5	0	1	1	4.69	.05	2.31	2.3
6223537	6253814	5	2005	53814	3814	0	21	358342	6043432	13J11	.13	7.0	1	5	0	1	1	5.34	.05	1.75	1.7
6223538	6253815	5	2005	53815	3815	0	21	357040	6044525	13J11	.05	1.0	1	5	0	1	1	23.90	.05	6.37	.2
6223539	6253816	5	2005	53816	3816	0	21	349858	6047954	13J11	.04	2.0	3	5	0	1	1	3.42	.05	.55	1.3
6223541	6253817	5	2005	53817	3817	0	21	347726	6043680	13J11	.04	1.5	3	5	0	1	1	2.95	.05	.43	3.0
6223542	6253818	5	2005	53818	3818	0	21	343559	6044664	13J11	.29	3.0	1	5	0	1	1	6.33	.05	2.13	.2

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	as2	au1	ba1	ba2	be2	br1	ca1	ca2	cd2	ce1	ce2
6222633	6253000	5	2005	53000	3000	0	20	679921	6070025	13K09	1	.5	320	123	.5	55.0	.5	1.91	.3	94	116
6222634	6253001	5	2005	53001	3001	0	20	678062	6069807	13K09	1	.5	300	103	.5	52.3	.5	.68	.4	99	119
6222635	6253002	5	2005	53002	3002	0	20	676113	6069185	13K09	1	.5	25	142	.5	45.7	.5	.75	.3	72	89
6222636	6253003	5	2005	53003	3003	0	20	673963	6069298	13K09	4	.5	25	109	.5	42.3	.5	.58	.3	55	80
6222637	6253004	5	2005	53004	3004	0	20	672389	6068737	13K09	2	.5	260	176	.6	30.3	4.0	.76	.4	66	80
6222638	6253005	2	2005	53005	3005	0	20	671007	6068263	13K09	1	.5	25	121	.2	35.8	.5	.45	.1	28	31
6222639	6253006	2	2005	53006	3006	0	20	669772	6069566	13K09	4	.5	330	199	.9	50.6	.5	1.69	.6	110	131
6222641	6253007	2	2005	53007	3007	0	20	667718	6067880	13K09	1	.5	25	156	.5	37.4	.5	.78	.2	47	62
6222642	6253008	2	2005	53008	3008	0	20	665019	6067900	13K09	1	.5	380	335	.8	50.0	.5	1.05	.3	83	95
#NULL!	6273009	2	2005	73009	3009	0	20	665714	6065512	13K09	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!
6222644	6253010	2	2005	53010	3010	0	20	675399	6066307	13K09	3	.5	450	712	1.8	3.3	5.0	1.89	.2	61	78
6222645	6253011	5	2005	53011	3011	0	20	673721	6060620	13K09	1	.5	480	84	1.2	47.8	.5	.38	.5	314	401
6222646	6253012	5	2005	53012	3012	0	20	676479	6061717	13K09	1	.5	25	114	.9	29.1	.5	.66	.2	94	114
6222647	6253013	5	2005	53013	3013	0	20	676926	6063590	13K09	1	.5	25	205	1.1	66.0	.5	.97	.3	127	144
6222648	6253014	5	2005	53014	3014	0	20	679818	6062633	13K09	10	.5	25	124	.4	39.0	.5	.75	.3	55	74
6222649	6253015	5	2005	53015	3015	0	20	680570	6062187	13K09	4	.5	25	92	1.8	20.9	5.0	.54	.3	72	84
6222651	6253016	5	2005	53016	3016	0	20	681408	6062898	13K09	17	.5	490	175	33.1	38.5	.5	.99	1.5	341	357
6222652	6253017	5	2005	53017	3017	0	20	683098	6063698	13K09	8	.5	550	92	28.6	37.4	.5	.49	1.0	660	727
6222653	6253018	5	2005	53018	3018	0	20	683596	6065217	13K09	3	.5	460	199	14.7	22.0	.5	.67	.4	281	345
6222654	6253019	5	2005	53019	3019	1	20	686691	6065038	13K09	1	.5	260	223	1.6	18.7	.5	.55	.1	132	162
6222655	6253020	5	2005	53020	3020	2	20	686691	6065038	13K09	3	.5	310	214	1.6	15.9	.5	.54	.1	165	199
6222656	6253021	5	2005	53021	3021	0	20	687332	6066450	13K09	1	.5	25	56	1.3	48.6	.5	.57	.1	204	231
6222657	6253022	5	2005	53022	3022	0	20	688951	6066554	13K09	2	.5	520	610	2.0	12.0	4.0	1.54	.1	84	102
6222658	6253023	5	2005	53023	3023	0	20	689781	6068976	13K09	3	.5	190	186	.7	132.0	.5	.58	.3	53	56
6222659	6253024	5	2005	53024	3024	0	21	308060	6073660	13J13	6	.5	380	347	1.0	39.0	4.0	1.72	1.1	306	388
6222661	6253025	5	2005	53025	3025	0	21	308666	6075111	13J13	8	.5	340	305	1.3	51.0	.5	1.65	.7	246	321
6222662	6253026	5	2005	53026	3026	0	21	307144	6074900	13J13	3	.5	140	143	.4	44.4	.5	.91	.4	66	81
6222663	6253027	5	2005	53027	3027	0	21	309497	6078298	13J13	1	.5	320	159	.5	33.6	.5	1.20	.2	114	133
6222664	6253028	5	2005	53028	3028	0	21	311603	6078264	13J13	1	.5	25	88	.2	45.6	.5	.55	.1	108	127
6222665	6253029	5	2005	53029	3029	0	21	312764	6077794	13J13	2	.5	410	344	.7	34.8	4.0	.96	.2	84	98
6222666	6253030	5	2005	53030	3030	0	21	315113	6078341	13J13	4	.5	250	120	.4	78.0	5.0	.63	.2	84	90
6222667	6253031	5	2005	53031	3031	0	21	316529	6079976	13J13	1	.5	25	64	.3	40.0	.5	.88	.2	170	242
6222668	6253032	5	2005	53032	3032	0	21	317652	6079979	13J13	10	.5	590	542	2.2	60.0	2.0	1.56	.4	110	154
6222669	6253033	5	2005	53033	3033	0	21	321324	6080718	13J13	2	.5	620	570	1.6	8.6	.5	1.87	.3	43	58
6222671	6253034	5	2005	53034	3034	0	21	323560	6083824	13J13	5	.5	310	404	2.4	26.0	.5	1.50	.7	150	234
6222731	6253035	5	2005	53035	3035	0	21	322636	6085487	13J13	1	.5	25	105	1.4	43.0	.5	.97	.3	110	144
6222732	6253036	5	2005	53036	3036	0	21	319640	6088135	13J13	9	.5	420	536	1.8	48.0	.5	1.77	.4	140	261
6222733	6253037	5	2005	53037	3037	0	21	318469	6089079	13J13	5	.5	400	666	1.9	14.0	.5	2.15	.2	60	125
6222734	6253038	5	2005	53038	3038	0	21	321691	6089769	13J13	2	.5	290	315	.8	35.0	.5	1.19	.2	68	94
6222735	6253039	5	2005	53039	3039	1	20	689554	6065230	13K09	1	15.0	520	100	.9	33.0	.5	.35	.2	130	169
6222736	6253040	5	2005	53040	3040	2	20	689554	6065230	13K09	1	.5	570	94	1.0	32.0	.5	.39	.3	170	203
6222737	6253041	2	2005	53041	3041	0	20	686966	6063240	13K09	1	2.0	320	368	1.0	14.0	2.0	.86	.1	47	59
6222738	6253042	5	2005	53042	3042	0	20	686600	6062150	13K09	1	.5	280	162	.5	30.0	.5	.38	.2	59	66
6222739	6253043	5	2005	53043	3043	0	20	685187	6063410	13K09	6	.5	460	111	4.5	29.0	.5	.34	.4	440	572
6222741	6253044	5	2005	53044	3044	0	20	683465	6062721	13K09	1	.5	200	113	.7	18.0	.5	.46	.1	110	135
6222742	6253045	5	2005	53045	3045	0	20	682063	6061387	13K09	5	.5	25	57	4.0	25.0	.5	.50	.3	460	616
6222743	6253046	5	2005	53046	3046	0	20	677933	6058933	13K09	1	.5	280	197	1.9	21.0	.5	.74	.2	81	110
6222744	6253047	5	2005	53047	3047	0	20	675001	6059621	13K09	31	.5	25	79	.6	30.0	.5	1.16	.3	200	149
6222745	6253048	5	2005	53048	3048	0	20	674315	6057819	13K09	16	3.0	360	292	5.0	29.0	.5	1.20	1.7	390	338
6222746	6253049	5	2005	53049	3049	0	20	671144	6055706	13K09	4	.5	25	204	1.7	21.0	.5	.53	.4	240	188
6222747	6253050	5	2005	53050	3050	0	20	669441	6053988	13K09	5	4.0	340	137	6.3	38.0	.5	1.31	.3	460	245
6222748	6253051	5	2005	53051	3051	0	20	667050	6053315	13K09	3	.5	350	236	1.9	33.0	.5	.83	.4	190	151
6222749	6253052	5	2005	53052	3052	0	20	665955	6052537	13K09	1	.5	550	555	1.5	4.9	2.0	1.74	.2	71	60
6222751	6253053	5	2005	53053	3053	0	20	666986	6051916	13K09	10	3.0	430	189	3.5	27.0	.5	.68	.8	280	229
6222752	6253054	5	2005	53054	3054	0	20	670191	6052270	13K09	2	.5	270	254	1.1	26.0	.5	.77	.2	160	128
6222753	6253055	5	2005	53055	3055	0	20	671380	6052629	13K09	2	.5	560	465	1.3	9.9	.5	1.26	.2	160	118
6222754	6253056	5	2005	53056	3056	0	20	673571	6053753	13K09	5	.5	300	290	1.3	32.0	.5	.82	.3	190	157
6222755	6253057	5	2005	53057	3057	0	20	675061	6054621	13K09	3	.5	260	311	.7	11.0	.5	.90	.1	64	51
6222756	6253058	5	2005	53058	3058	0	20	676345	6056223	13K09	1	.5	310	146	.8	13.0	.5	.39	.1	140	108
6222757	6253059	5	2005	53059	3059	1	20	677639	6056753	13K09	4	.5	25	102	.7	22.0	.5	.46	.2	180	151
6222758	6253060	5	2005	53060	3060	2	20	677639	6056753	13K09	3	.5	25	112	.8	22.0	.5	.51	.2	200	166
6222759	6253061	5	2005	53061	3061	0	20	680537	6058283	13K09	3	.5	440	329	1.4	25.0	.5	1.05	.3	170	152
6222761	6253062	5	2005	53062	3062	0	20	681235	6059168	13K09	3	.5	240	170	1.5	34.0	.5	.60	.3	300	237
6222762	6253063	5	2005	53063	3063	0	20	683575	6059447	13K09	3	.5	950	921	2.3	.5	.5	1.77	.3	110	96
6222763	6253064	5	2005	53064	3064	0	20	686817	6058965	13K09	1	.5	750	85	.9	41.0	.5	.43	.4	270	214
6222764	6253065	5	2005	53065	3065	0	20	689884	6059286	13K09	1	.5	290	203	.7	25.0	.5	.58	.2	110	81
6222765	6253066	5	2005	53066	3066	0	20	690527	6061452	13K09	1	.5	320	227	.8	19.0	.5	.67	.2	88	76
6222766	6253067	5	2005	53067	3067	0	20	692150	6063132	13K09	3	.5	630	104	3.2	53.5	.5	.41	.4	890	711
6222767	6253068	5	2005	53068	3068	0	21	308544	6065178	13J12	85	16.0	570	223	6.7	40.0	.5	.95	.7	468	436

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	as2	au1	ba1	ba2	be2	br1	ca1	ca2	cd2	ce1	ce2
6222768	6253069	5	2005	53069	3069	0	21	309237	6065177	13J12	11	.5	510	279	3.7	34.8	.5	1.18	.4	374	322
6222769	6253070	5	2005	53070	3070	0	21	308647	6065639	13J12	10	16.0	200	173	2.2	22.1	.5	.89	.7	272	241
6222771	6253071	5	2005	53071	3071	0	21	308633	6066105	13J12	15	15.0	580	238	2.9	34.0	.5	1.50	.3	230	207
6222772	6253072	5	2005	53072	3072	0	21	306934	6066457	13J12	19	.5	280	170	9.3	23.0	.5	.91	.7	196	173
6222773	6253073	5	2005	53073	3073	0	21	308367	6068111	13J12	4	.5	25	110	7.7	21.3	7.0	.43	.9	179	147
6222774	6253074	5	2005	53074	3074	0	21	311204	6074351	13J13	1	9.0	200	165	.7	48.5	.5	1.92	.2	230	200
6222775	6253075	5	2005	53075	3075	0	21	312985	6074002	13J13	26	.5	450	296	4.8	31.5	.5	1.11	.5	383	357
6222776	6253076	5	2005	53076	3076	0	21	314763	6075664	13J13	15	.5	25	322	4.3	43.3	.5	1.40	.5	349	329
6222777	6253077	5	2005	53077	3077	0	21	312611	6076460	13J13	1	.5	25	290	.6	21.6	.5	1.24	.1	71	51
6222778	6253078	5	2005	53078	3078	0	21	311664	6076972	13J13	1	.5	25	255	.5	20.7	.5	.78	.1	81	71
6222779	6253079	5	2005	53079	3079	0	21	322134	6078120	13J13	1	.5	25	97	10.3	31.5	.5	.80	.1	594	399
6222781	6253080	5	2005	53080	3080	1	21	324735	6077854	13J13	6	.5	450	352	6.3	25.2	.5	.99	.1	666	604
6222782	6253081	5	2005	53081	3081	2	21	324735	6077854	13J13	5	.5	900	435	6.3	23.4	.5	1.28	.1	531	481
6222783	6253082	5	2005	53082	3082	0	21	323021	6080305	13J13	4	.5	480	623	3.1	8.5	.5	1.75	.1	171	167
6222843	6253083	5	2005	53083	3083	0	21	325673	6081190	13J13	1	.5	450	645	2.6	4.5	.5	1.64	.1	49	73
6222844	6253084	5	2005	53084	3084	0	20	685924	6057529	13K09	1	.5	25	181	.4	27.2	.5	.39	.1	26	37
6222845	6253085	5	2005	53085	3085	0	20	683320	6056995	13K09	2	.5	25	179	2.5	48.5	.5	.58	.3	315	423
6222846	6253086	5	2005	53086	3086	0	20	682781	6055589	13K09	2	.5	260	196	1.3	31.5	.5	.65	.2	136	180
6222847	6253087	5	2005	53087	3087	0	20	681180	6055053	13K09	1	.5	230	159	1.2	37.4	.5	.89	.2	136	172
6222848	6253088	5	2005	53088	3088	0	20	678714	6054636	13K09	1	.5	25	115	.5	23.0	.5	.33	.1	53	63
6222849	6253089	5	2005	53089	3089	0	20	679002	6053025	13K09	1	.5	250	186	.4	34.8	.5	.48	.1	45	49
6222851	6253090	5	2005	53090	3090	0	20	677816	6052425	13K09	1	.5	25	282	.6	16.1	.5	.54	.1	29	37
6222852	6253091	5	2005	53091	3091	0	20	677523	6051548	13K09	3	.5	390	379	1.3	23.8	.5	.88	.2	102	129
6222853	6253092	5	2005	53092	3092	0	20	673976	6050626	13K09	3	.5	530	669	2.1	17.0	3.0	1.23	.2	136	165
6222854	6253093	5	2005	53093	3093	0	20	673686	6051233	13K09	1	.5	260	209	1.1	45.9	.5	.54	.3	136	170
6222855	6253094	5	2005	53094	3094	0	20	669333	6048161	13K09	3	.5	25	192	1.6	36.1	.5	.60	.4	171	193
6222856	6253095	5	2005	53095	3095	0	20	668985	6049495	13K09	2	.5	25	138	1.3	39.9	.5	.56	.5	181	198
6222857	6253096	5	2005	53096	3096	0	20	667466	6049870	13K09	4	5.0	25	163	.6	27.5	.5	.57	.1	58	62
6222858	6253097	5	2005	53097	3097	0	20	665328	6048731	13K09	1	.5	300	169	.9	32.3	.5	.51	.2	87	97
6222859	6253098	5	2005	53098	3098	0	20	662010	6045969	13K09	1	.5	260	168	.5	23.8	.5	.41	.1	43	49
6222861	6253099	5	2005	53099	3099	1	20	663582	6044773	13K09	1	.5	25	168	.6	26.6	.5	.46	.1	54	52
6222862	6253100	5	2005	53100	3100	2	20	663582	6044773	13K09	1	.5	180	164	.5	24.7	.5	.46	.1	42	44
6222863	6253101	5	2005	53101	3101	0	20	662616	6043115	13K09	3	3.0	480	384	1.6	55.1	2.0	1.24	.2	190	221
6222864	6253102	5	2005	53102	3102	0	20	663537	6042495	13K09	1	4.0	280	272	1.4	55.1	.5	.84	.2	143	157
6222865	6253103	5	2005	53103	3103	0	20	667043	6042085	13K09	1	.5	25	173	1.0	37.0	.5	.50	.1	152	167
6222866	6253104	5	2005	53104	3104	0	20	665852	6045837	13K09	2	.5	290	97	1.9	27.0	.5	.85	.2	140	176
6222867	6253105	5	2005	53105	3105	0	20	666805	6046499	13K09	2	.5	310	158	1.1	31.0	.5	.61	.2	150	179
6222868	6253106	5	2005	53106	3106	0	20	669676	6046371	13K09	1	.5	200	152	.8	26.0	.5	.67	.2	120	141
6222869	6253107	5	2005	53107	3107	0	20	671268	6047092	13K09	1	4.0	25	124	1.2	33.0	.5	.76	.2	150	196
6222871	6253108	5	2005	53108	3108	0	20	672384	6048997	13K09	2	.5	370	288	1.5	29.0	.5	.61	.3	190	248
6222872	6253109	5	2005	53109	3109	0	20	673471	6048811	13K09	5	.5	340	313	1.2	15.0	.5	.85	.1	68	93
6222873	6253110	5	2005	53110	3110	0	20	678636	6050703	13K09	1	.5	240	212	.5	20.0	.5	.45	.1	50	58
6222874	6253111	5	2005	53111	3111	0	20	681208	6052741	13K09	2	.5	490	684	1.9	14.0	.5	1.77	.1	150	204
6222875	6253112	5	2005	53112	3112	0	20	682293	6052755	13K09	1	.5	25	151	.3	25.0	.5	.30	.1	31	33
6222876	6253113	5	2005	53113	3113	0	20	683440	6055295	13K09	2	.5	25	137	1.6	28.0	.5	1.02	.3	180	219
6222877	6253114	5	2005	53114	3114	0	20	685156	6055145	13K09	1	.5	340	174	.8	48.0	.5	.50	.2	150	157
6222878	6253115	5	2005	53115	3115	0	20	686369	6056481	13K09	1	3.0	500	462	1.2	21.0	.5	1.22	.1	56	60
6222879	6253116	5	2005	53116	3116	0	20	687385	6055364	13K09	1	.5	190	212	.5	30.0	.5	.70	.1	89	92
6222881	6253117	5	2005	53117	3117	0	20	688196	6055562	13K09	1	.5	380	433	1.0	45.0	.5	1.03	.2	98	97
6222882	6253118	5	2005	53118	3118	0	20	689533	6056655	13K09	2	.5	390	384	2.1	52.0	.5	.95	.6	190	192
6222883	6253119	5	2005	53119	3119	1	20	691389	6057871	13K09	1	.5	25	211	.6	51.0	3.0	.60	.1	56	57
6222884	6253120	5	2005	53120	3120	2	20	691389	6057871	13K09	1	.5	25	210	.6	57.0	.5	.61	.1	57	57
6222885	6253121	5	2005	53121	3121	0	20	691863	6059092	13K09	2	.5	280	213	.6	42.0	.5	.70	.1	140	147
6222886	6253122	5	2005	53122	3122	0	21	306804	6060884	13J12	1	3.0	500	783	1.9	13.0	3.0	2.15	.1	120	123
6222887	6253123	5	2005	53123	3123	0	21	308335	6062720	13J12	2	.5	350	339	.8	29.0	2.0	.75	.1	54	55
6222888	6253124	5	2005	53124	3124	0	21	311709	6064889	13J12	1	3.0	310	121	.5	36.1	.5	.31	.2	162	182
6222889	6253125	5	2005	53125	3125	0	21	311992	6066067	13J12	1	.5	25	176	.6	12.4	.5	.35	.1	69	74
6222891	6253126	5	2005	53126	3126	0	21	313847	6065880	13J12	2	.5	220	170	.7	40.8	.5	.66	.2	92	110
6222892	6253127	5	2005	53127	3127	0	21	316897	6068091	13J12	5	.5	220	215	.7	105.0	.5	.92	.3	105	139
6222893	6253128	5	2005	53128	3128	0	21	315411	6068652	13J12	4	.5	25	102	4.3	55.1	.5	.48	.2	247	285
6222894	6253129	5	2005	53129	3129	0	21	323935	6083135	13J13	8	.5	300	329	2.7	37.0	4.0	1.52	1.0	200	268
6222895	6253130	5	2005	53130	3130	0	21	327471	6085709	13J13	3	.5	420	662	2.3	5.3	1.0	1.93	.1	45	67
6222896	6253131	5	2005	53131	3131	0	21	326094	6084728	13J13	4	.5	410	633	2.2	9.5	3.0	2.37	.2	54	73
6222897	6253132	5	2005	53132	3132	0	20	687673	6052018	13K09	1	.5	370	350	.8	9.5	.5	.76	.1	42	43
6223016	6253133	5	2005	53133	3133	0	20	687980	6050405	13K09	1	.5	360	178	.6	15.3	.5	.33	.1	77	66
6223017	6253134	5	2005	53134	3134	0	20	685579	6049870	13K09	1	.5	25	148	.3	18.7	.5	.33	.1	62	57
6223018	6253135	5	2005	53135	3135	0	20	684231	6049642	13K09	1	.5	25	125	1.1	27.2	.5	.40	.2	61	56
6223019	6253136	5	2005	53136	3136	0	20	682485	6049637	13K09	1	.5	310	309	1.4	27.2	.5	.83	.5	187	180
6223021	6253137	5	2005	53137	3137	0	20	680600	6047921	13K09	1	.5	25	365	.9	8.5	.5	.88	.1	62	52

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	as2	au1	ba1	ba2	be2	br1	ca1	ca2	cd2	ce1	ce2
6223022	6253138	5	2005	53138	3138	0	20	676280	6047613	13K09	1	.5	390	145	.4	15.3	.5	.40	.2	84	81
6223023	6253139	5	2005	53139	3139	1	20	676615	6047059	13K09	1	.5	220	211	.5	11.9	.5	.51	.1	84	72
6223024	6253140	5	2005	53140	3140	2	20	676615	6047059	13K09	1	.5	280	222	.6	13.6	.5	.54	.1	71	70
6223025	6253141	5	2005	53141	3141	0	20	676285	6045723	13K09	2	.5	510	177	4.9	26.4	.5	.82	.5	383	366
6223026	6253142	5	2005	53142	3142	0	20	675173	6043594	13K09	1	.5	500	593	2.0	11.9	.5	.99	.2	136	126
6223027	6253143	5	2005	53143	3143	0	20	673063	6042900	13K09	1	.5	120	173	1.0	25.5	.5	.51	.2	221	192
6223028	6253144	5	2005	53144	3144	0	20	670219	6042295	13K09	1	.5	25	136	.9	33.2	.5	.50	.2	162	155
6223029	6253145	5	2005	53145	3145	0	20	678640	6046050	13K09	1	.5	430	244	1.0	17.0	.5	.73	.1	111	98
6223031	6253146	5	2005	53146	3146	0	20	683482	6046450	13K09	1	.5	360	290	1.1	20.4	.5	.57	.1	119	105
6223032	6253147	5	2005	53147	3147	0	20	683510	6047251	13K09	1	.5	400	222	1.4	29.8	.5	.45	.2	170	157
6223033	6253148	5	2005	53148	3148	0	20	684665	6047702	13K09	3	.5	650	251	2.1	26.3	.5	.47	.5	375	384
6223034	6253149	5	2005	53149	3149	0	20	686977	6048459	13K09	1	.5	290	139	1.3	26.3	.5	.39	.3	210	223
6223035	6253150	5	2005	53150	3150	0	20	688240	6048884	13K09	2	.5	320	166	.9	30.0	.5	.48	.2	165	170
6223036	6253151	5	2005	53151	3151	0	20	692385	6044991	13K09	3	.5	620	735	2.0	8.3	.5	1.07	.2	83	77
6223037	6253152	5	2005	53152	3152	0	20	690319	6044429	13K09	1	.5	280	380	1.1	23.3	.5	.69	.2	98	97
6223038	6253153	5	2005	53153	3153	0	20	688270	6044290	13K09	2	.5	25	99	.8	28.5	.5	.57	.2	105	100
6222672	6253154	5	2005	53154	3154	0	20	687089	6044551	13K09	1	.5	290	120	.3	14.0	.5	.34	.1	38	50
6222673	6253155	5	2005	53155	3155	0	20	684270	6043711	13K09	1	.5	300	294	.9	13.0	.5	.64	.1	80	100
6222674	6253156	5	2005	53156	3156	0	20	682626	6043126	13K09	1	.5	300	188	1.1	20.0	.5	.44	.2	140	187
6222675	6253157	5	2005	53157	3157	0	20	687479	6046044	13K09	1	.5	240	157	.2	18.0	.5	.37	.1	44	62
6222676	6253158	5	2005	53158	3158	0	20	690829	6046027	13K09	1	.5	150	118	.3	18.0	.5	.44	.1	53	73
6222677	6253159	5	2005	53159	3159	0	20	692318	6046886	13K09	1	.5	670	574	1.3	12.0	.5	.93	.1	51	72
6222678	6253160	5	2005	53160	3160	1	20	691737	6049333	13K09	2	.5	470	306	1.0	27.0	.5	.64	.2	93	115
6222679	6253161	5	2005	53161	3161	2	20	691737	6049333	13K09	1	.5	560	315	1.1	27.0	.5	.66	.2	97	122
6222681	6253162	5	2005	53162	3162	0	20	690172	6049777	13K09	5	3.0	430	178	.5	20.0	.5	.44	.2	95	131
6222682	6253163	5	2005	53163	3163	0	20	690949	6051222	13K09	3	2.0	560	439	1.2	14.0	.5	1.21	.3	57	71
6222683	6253164	5	2005	53164	3164	0	20	691882	6051353	13K09	1	.5	580	281	.8	16.0	.5	.59	.1	66	81
6222684	6253165	5	2005	53165	3165	0	20	692491	6053576	13K09	2	.5	380	187	1.0	13.0	.5	.48	.1	120	162
6222685	6253166	5	2005	53166	3166	0	20	691302	6053343	13K09	1	.5	290	209	.5	16.0	.5	.50	.2	61	78
6222686	6253167	5	2005	53167	3167	0	20	690012	6054901	13K09	3	.5	680	677	2.0	34.0	.5	.85	.6	220	332
6222687	6253168	5	2005	53168	3168	0	20	692375	6055807	13K09	3	.5	200	279	1.6	22.0	.5	.62	.4	130	179
6222688	6253169	5	2005	53169	3169	0	21	306854	6058331	13J12	2	.5	590	206	1.0	15.0	.5	.49	.2	55	66
6222689	6253170	5	2005	53170	3170	0	21	309398	6060052	13J12	1	.5	290	173	1.0	21.0	.5	.35	.2	67	79
6222691	6253171	5	2005	53171	3171	0	21	310466	6062149	13J12	2	.5	25	152	.6	19.0	.5	.58	.1	88	119
6222692	6253172	5	2005	53172	3172	0	21	308500	6066773	13J12	35	.5	25	124	25.1	42.0	.5	.75	4.4	470	546
6222693	6253173	5	2005	53173	3173	0	21	321771	6070377	13J13	8	.5	390	193	1.9	43.0	.5	.82	.3	180	233
6222694	6253174	5	2005	53174	3174	0	21	323348	6071006	13J13	3	8.0	300	74	4.4	27.0	.5	.30	1.0	280	367
6222695	6253175	5	2005	53175	3175	0	21	321850	6073135	13J13	9	.5	910	518	4.4	22.0	.5	1.46	.7	330	455
6222696	6253176	5	2005	53176	3176	0	21	324963	6073921	13J13	5	.5	25	82	6.0	20.0	.5	.37	1.1	740	874
6222697	6253177	5	2005	53177	3177	0	21	324403	6075954	13J13	4	.5	640	423	3.7	25.0	.5	.95	.5	360	522
6222698	6253178	5	2005	53178	3178	0	21	326077	6077858	13J13	1	.5	370	162	.5	12.0	.5	.37	.1	30	29
6222699	6253179	5	2005	53179	3179	0	21	325980	6080047	13J13	1	.5	260	204	.9	12.0	.5	.50	.1	70	78
6222701	6253180	5	2005	53180	3180	1	21	308365	6068107	13J12	6	.5	25	120	7.6	17.0	.5	.46	.8	128	155
6222702	6253181	5	2005	53181	3181	2	21	308365	6068107	13J12	6	.5	450	126	7.9	16.1	.5	.51	.8	128	165
6222703	6253182	5	2005	53182	3182	0	21	312055	6061972	13J12	3	.5	550	417	2.7	22.1	.5	.58	1.0	196	286
6222704	6253183	5	2005	53183	3183	0	21	310790	6060170	13J12	3	.5	25	263	2.8	24.6	.5	.91	.6	145	223
6222705	6253184	5	2005	53184	3184	0	21	311170	6059084	13J12	6	.5	370	574	2.6	4.3	.5	2.43	.5	53	144
6222706	6253185	5	2005	53185	3185	0	21	309039	6058804	13J12	3	.5	700	340	2.9	19.5	.5	.64	.4	84	130
6222707	6253186	5	2005	53186	3186	0	21	311119	6055373	13J12	1	.5	100	132	.4	11.9	.5	.34	.1	43	57
6222708	6253187	5	2005	53187	3187	0	21	308794	6053300	13J12	1	.5	1420	258	1.7	29.8	.5	.47	2.7	298	305
6222709	6253188	5	2005	53188	3188	0	21	308412	6053117	13J12	1	.5	25	262	1.2	5.3	.5	.59	.1	60	88
6222711	6253189	5	2005	53189	3189	0	21	307163	6052180	13J12	4	.5	480	299	1.2	17.0	.5	.56	.2	90	109
6222712	6253190	5	2005	53190	3190	0	21	306395	6051420	13J12	3	.5	320	303	1.9	23.0	.5	.62	.4	160	218
6222713	6253191	5	2005	53191	3191	0	21	307686	6051282	13J12	3	.5	550	299	1.0	27.0	.5	.72	.9	210	286
6222714	6253192	5	2005	53192	3192	0	21	308117	6051540	13J12	1	.5	510	212	1.0	34.0	.5	.54	1.0	230	269
6222715	6253193	5	2005	53193	3193	0	21	308052	6051865	13J12	1	.5	300	109	1.0	20.0	.5	.23	.8	160	201
6222716	6253194	5	2005	53194	3194	0	21	309689	6051359	13J12	3	.5	620	238	1.4	26.0	.5	.50	.5	410	524
6222717	6253195	5	2005	53195	3195	0	21	311453	6052585	13J12	1	.5	400	292	.6	27.0	.5	.49	.6	130	164
6222718	6253196	5	2005	53196	3196	0	21	311243	6053592	13J12	3	10.0	530	940	2.5	14.0	.5	.73	2.8	320	461
6222719	6253197	5	2005	53197	3197	0	21	312676	6054581	13J12	4	.5	25	193	1.0	18.0	.5	.81	.2	120	145
6222721	6253198	5	2005	53198	3198	0	21	314786	6056099	13J12	1	.5	550	534	1.7	34.0	3.0	1.61	.3	67	137
6222722	6253199	5	2005	53199	3199	1	21	313635	6057521	13J12	1	.5	500	192	.2	14.0	.5	.83	.2	90	58
6222723	6253200	5	2005	53200	3200	2	21	313535	6057484	13J12	1	.5	620	608	1.7	11.0	.5	1.80	.2	67	111
6222724	6253201	5	2005	53201	3201	0	21	314785	6058726	13J12	1	.5	25	340	1.0	24.0	.5	.93	.2	61	78
6222725	6253202	5	2005	53202	3202	0	21	314117	6059843	13J12	3	.5	410	456	4.4	24.0	.5	.69	1.1	250	410
6222726	6253203	5	2005	53203	3203	0	21	316363	6060814	13J12	1	.5	500	467	2.4	16.0	.5	.93	.6	120	164
6222727	6253204	5	2005	53204	3204	0	21	315129	6062422	13J12	1	.5	25	139	.7	22.0	.5	.40	.1	110	136
6222728	6253205	5	2005	53205	3205	0	21	316160	6063730	13J12	1	.5	220	162	.6	36.0	.5	.33	.2	85	110
6222729	6253206	5	2005	53206	3206	0	21	315674	6064516	13J12	1	.5	25	136	.7	18.0	3.0	.41	.1	59	75

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	as2	au1	ba1	ba2	be2	br1	ca1	ca2	cd2	ce1	ce2
6222784	6253207	5	2005	53207	3207	0	21	316729	6065394	13J12	1	.5	25	141	.6	18.9	.5	.30	.1	117	108
6222785	6253208	5	2005	53208	3208	0	21	320299	6066280	13J12	1	.5	25	139	.3	35.1	.5	.28	.1	78	57
6222786	6253209	5	2005	53209	3209	0	21	320141	6067659	13J12	18	.5	25	150	1.8	42.3	.5	.57	.2	549	522
6222787	6253210	5	2005	53210	3210	0	21	322389	6068734	13J12	3	.5	25	63	1.2	19.8	.5	.15	.1	216	178
6222788	6253211	5	2005	53211	3211	0	21	323618	6069081	13J12	6	.5	520	115	.9	43.2	.5	.38	.3	225	200
6222789	6253212	5	2005	53212	3212	0	21	326434	6070935	13J13	3	.5	25	104	3.8	36.0	.5	.39	.4	441	364
6222791	6253213	5	2005	53213	3213	0	21	328089	6072308	13J13	6	.5	560	127	3.5	35.1	.5	.55	.6	729	495
6222792	6253214	5	2005	53214	3214	0	21	329529	6072919	13J13	1	.5	25	93	3.5	35.1	.5	.31	.2	666	445
6222793	6253215	5	2005	53215	3215	0	21	327058	6075343	13J13	1	.5	800	73	2.1	30.6	.5	.47	.2	792	467
6222794	6253216	5	2005	53216	3216	0	21	328850	6077242	13J13	1	.5	25	75	1.5	30.6	.5	.97	.1	378	330
6222795	6253217	5	2005	53217	3217	0	21	328580	6079823	13J13	1	.5	25	92	1.2	23.4	.5	.35	.2	198	188
6222796	6253218	5	2005	53218	3218	0	21	329064	6083475	13J13	1	.5	460	518	2.7	23.4	.5	1.31	.1	216	195
6222797	6253219	5	2005	53219	3219	0	21	331022	6086943	13J13	5	.5	170	145	1.5	44.1	.5	.79	.3	207	184
6222799	6253221	5	2005	53221	3221	0	21	331931	6086890	13J13	1	.5	510	88	2.9	36.9	.5	.67	.3	405	339
6222801	6253222	5	2005	53222	3222	0	21	333300	6087840	13J13	1	.5	470	387	1.6	20.7	.5	1.10	.1	108	92
6222802	6253223	5	2005	53223	3223	0	21	333761	6088460	13J13	2	.5	480	427	2.0	19.8	.5	1.43	.2	126	119
6222803	6253224	5	2005	53224	3224	0	21	334100	6091383	13J13	5	.5	590	476	2.6	27.0	.5	1.30	.3	405	363
6222804	6253225	5	2005	53225	3225	0	21	330664	6090383	13J13	1	.5	410	306	.9	32.4	.5	1.10	.1	64	51
6222805	6253226	5	2005	53226	3226	0	21	329765	6089489	13J13	1	.5	25	122	1.0	60.3	.5	.46	.3	126	94
6222806	6253227	5	2005	53227	3227	0	21	328607	6089250	13J13	1	.5	390	389	1.0	29.7	.5	.98	.1	34	32
6222807	6253228	5	2005	53228	3228	0	21	321768	6066090	13J12	3	.5	25	182	1.1	62.1	.5	.51	.3	279	257
6222808	6253229	5	2005	53229	3229	0	21	320631	6063480	13J12	1	.5	230	260	.2	28.8	.5	.41	.1	49	41
6222809	6253230	5	2005	53230	3230	0	21	319088	6063477	13J12	1	.5	550	350	1.0	27.9	.5	1.45	.2	153	129
6222811	6253231	5	2005	53231	3231	0	21	317094	6062249	13J12	1	.5	590	607	2.7	23.0	.5	1.70	.6	187	182
6222812	6253232	5	2005	53232	3232	0	21	319062	6061266	13J12	5	.5	370	377	1.5	23.8	.5	.72	.4	128	111
6222813	6253233	5	2005	53233	3233	0	21	316499	6058866	13J12	3	.5	390	392	4.4	22.1	.5	.76	.5	289	265
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6222815	6253235	5	2005	53235	3235	0	21	314729	6053700	13J12	1	.5	25	182	.3	21.3	.5	.34	.1	83	72
6222816	6253236	5	2005	53236	3236	0	21	313112	6052926	13J12	1	.5	25	235	.7	25.5	.5	.87	.1	170	155
6222817	6253237	5	2005	53237	3237	0	21	313951	6052004	13J12	1	.5	500	157	.4	21.3	.5	.27	.1	136	121
6222818	6253238	5	2005	53238	3238	0	21	310631	6048470	13J12	1	.5	25	170	.3	22.1	.5	.50	.1	73	69
6222819	6253239	5	2005	53239	3239	1	21	306970	6047395	13J12	1	.5	25	345	1.0	28.9	.5	1.11	.2	187	161
6222821	6253240	5	2005	53240	3240	2	21	306970	6047395	13J12	1	3.0	450	500	1.2	19.5	4.0	1.46	.2	153	134
6222822	6253241	5	2005	53241	3241	0	21	306085	6046562	13J12	1	.5	910	597	1.7	4.0	.5	.94	.1	160	118
6222823	6253242	5	2005	53242	3242	0	21	313068	6043393	13J12	1	.5	500	318	1.0	14.0	.5	.47	.1	240	183
6222824	6253243	5	2005	53243	3243	0	21	314248	6044301	13J12	1	.5	660	668	2.0	5.9	.5	1.62	.1	140	125
6222825	6253244	5	2005	53244	3244	0	21	319544	6044202	13J12	1	.5	25	211	.5	11.0	.5	.67	.1	51	39
6222826	6253245	5	2005	53245	3245	0	21	320676	6043584	13J12	1	.5	400	371	1.0	9.2	.5	1.06	.1	120	91
6222827	6253246	5	2005	53246	3246	0	21	323588	6043083	13J12	3	.5	660	399	2.1	23.0	.5	1.08	.1	440	360
6222828	6253247	5	2005	53247	3247	0	21	328145	6044589	13J12	1	.5	25	239	.7	12.0	.5	.67	.1	170	138
6222829	6253248	5	2005	53248	3248	0	21	328871	6044906	13J12	5	8.0	590	187	.8	20.0	.5	.33	.2	91	68
6222831	6253249	5	2005	53249	3249	0	21	330766	6042946	13J12	1	.5	25	143	.4	15.0	.5	.36	.1	55	40
6222832	6253250	5	2005	53250	3250	0	21	334018	6043425	13J12	1	.5	800	661	2.0	7.0	.5	1.91	.1	130	98
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6222835	6253253	5	2005	53253	3253	0	21	333618	6047047	13J12	1	.5	420	459	1.1	15.3	.5	.88	.1	71	95
6222836	6253254	5	2005	53254	3254	0	21	334467	6045823	13J12	1	.5	430	748	2.0	3.1	2.0	2.20	.1	38	59
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6222838	6253256	5	2005	53256	3256	0	21	332345	6045687	13J12	1	.5	550	306	2.0	32.3	.5	.70	.3	230	282
6222839	6253257	5	2005	53257	3257	0	21	331172	6046000	13J12	1	.5	460	551	1.8	9.4	.5	1.75	.1	102	138
6222841	6253258	5	2005	53258	3258	0	21	331525	6047611	13J12	1	.5	25	149	.4	23.0	.5	.42	.1	102	113
6222842	6253259	5	2005	53259	3259	1	21	328270	6048918	13J12	5	.5	270	203	.5	28.9	.5	.44	.1	102	133
6222898	6253260	5	2005	53260	3260	2	21	328270	6048918	13J12	1	.5	260	218	.6	28.5	.5	.48	.1	124	154
6222899	6253261	5	2005	53261	3261	0	21	325268	6047482	13J12	1	.5	25	496	1.3	12.8	.5	.85	.2	85	159
6222901	6253262	5	2005	53262	3262	0	21	319625	6048631	13J12	1	.5	25	149	.3	25.5	.5	.25	.1	94	143
6222902	6253263	5	2005	53263	3263	0	21	316538	6049161	13J12	1	6.0	200	96	.3	17.0	.5	.52	.2	55	90
6222903	6253264	5	2005	53264	3264	0	21	319303	6050110	13J12	1	.5	25	190	.3	12.8	.5	.46	.1	37	52
6222904	6253265	5	2005	53265	3265	0	21	321490	6051689	13J12	1	11.0	25	189	1.7	5.4	.5	.36	.3	323	484
6222905	6253266	5	2005	53266	3266	0	21	320479	6053355	13J12	1	17.0	850	231	2.2	20.4	.5	.89	.3	408	585
6222906	6253267	5	2005	53267	3267	0	21	320888	6054756	13J12	1	.5	25	158	.3	27.2	.5	.25	.2	81	135
6222907	6253268	5	2005	53268	3268	0	21	322118	6055376	13J12	1	.5	710	208	.9	9.4	.5	.56	.1	136	216
6222908	6253269	5	2005	53269	3269	0	21	321516	6056350	13J12	5	.5	25	292	3.9	20.4	.5	.75	2.2	459	567
6222909	6253270	5	2005	53270	3270	0	21	320649	6058629	13J12	5	.5	25	402	2.2	20.4	.5	.70	1.0	162	282
6222911	6253271	5	2005	53271	3271	0	21	323128	6060563	13J12	7	.5	440	617	4.0	38.0	.5	1.66	1.0	110	163
6222912	6253272	5	2005	53272	3272	0	21	323504	6062837	13J12	1	.5	25	129	.3	19.0	.5	.28	.1	52	67
6222913	6253273	5	2005	53273	3273	0	21	323195	6064697	13J12	1	.5	330	94	.2	32.0	.5	.49	.2	22	26
6222914	6253274	5	2005	53274	3274	0	21	323522	6066207	13J12	1	.5	25	133	.2	29.0	.5	.36	.2	59	88
6222915	6253275	5	2005	53275	3275	0	21	327108	6068198	13J12	4	.5	25	129	.3	23.0	.5	.34	.2	96	132
6222916	6253276	5	2005	53276	3276	0	21	328590	6069323	13J12	3	.5	25	117	1.3	36.0	.5	.40	.4	350	506

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6222922	6253281	5	2005	53281	3281	0	21	325663	6057142	13J12	1	.5	160	233	.8	17.9	.5	.50	.4	54	84
6222923	6253282	5	2005	53282	3282	0	21	326571	6057165	13J12	1	.5	380	228	.9	19.5	4.0	.68	.4	79	101
6222924	6253283	5	2005	53283	3283	0	21	325602	6056545	13J12	1	.5	340	222	1.6	11.9	.5	.91	.6	69	114
6222925	6253284	5	2005	53284	3284	0	21	322971	6054772	13J12	1	.5	540	485	1.1	17.9	.5	.37	.4	255	441
6222926	6253285	5	2005	53285	3285	0	21	322113	6053545	13J12	1	.5	310	162	.5	29.8	.5	.34	.2	162	265
6222927	6253286	5	2005	53286	3286	0	21	324461	6052619	13J12	1	.5	25	167	.3	26.4	.5	.43	.2	77	133
6222928	6253287	5	2005	53287	3287	0	21	325463	6053337	13J12	1	.5	25	198	.8	28.9	.5	.59	.4	162	262
6222929	6253288	5	2005	53288	3288	0	21	324689	6050124	13J12	1	.5	25	95	.1	14.4	.5	.26	.1	37	59
6222931	6253289	5	2005	53289	3289	0	21	326838	6050728	13J12	1	.5	25	172	.4	12.8	.5	.46	.1	94	149
6222932	6253290	5	2005	53290	3290	0	21	327376	6051835	13J12	1	.5	25	125	.1	29.8	.5	.14	.2	19	25
6222933	6253291	5	2005	53291	3291	0	21	329031	6050550	13J12	1	.5	350	252	.3	23.0	.5	.36	.1	130	172
6222934	6253292	5	2005	53292	3292	0	21	330807	6050788	13J12	1	.5	480	209	.6	28.0	.5	.64	.1	140	184
6222935	6253293	5	2005	53293	3293	0	21	333733	6050263	13J12	1	.5	530	528	1.4	6.1	.5	1.68	.1	60	76
6222936	6253294	5	2005	53294	3294	0	21	337989	6053557	13J12	1	.5	25	180	.5	22.0	.5	.39	.2	120	156
6222937	6253295	5	2005	53295	3295	0	21	336240	6051754	13J12	1	.5	510	289	.9	33.0	.5	.74	.2	190	250
6222938	6253296	5	2005	53296	3296	0	21	334823	6051700	13J12	1	.5	25	185	.2	21.0	.5	.56	.1	50	62
6222939	6253297	5	2005	53297	3297	0	21	333354	6051752	13J12	1	.5	25	153	.2	22.0	.5	.35	.1	54	67
6222941	6253298	5	2005	53298	3298	0	21	330862	6052761	13J12	1	.5	240	143	.3	12.0	.5	.40	.1	59	79
6222942	6253299	5	2005	53299	3299	1	21	331560	6054786	13J12	1	.5	25	181	1.0	17.0	.5	.43	.2	100	130
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6222944	6253301	5	2005	53301	3301	0	21	333274	6055579	13J12	1	.5	25	163	1.1	21.0	.5	.47	.3	120	148
6222945	6253302	5	2005	53302	3302	0	21	334859	6055717	13J12	1	.5	25	154	1.0	28.0	.5	.54	.4	160	208
6222946	6253303	5	2005	53303	3303	0	21	337925	6056812	13J12	1	.5	760	741	2.2	3.8	3.0	2.12	.3	65	117
6222947	6253304	5	2005	53304	3304	0	21	338330	6058965	13J12	1	.5	25	175	.6	28.0	.5	.44	.3	140	177
6222948	6253305	5	2005	53305	3305	0	21	335166	6057362	13J12	3	.5	25	165	.6	33.0	.5	.35	.4	110	146
6222949	6253306	5	2005	53306	3306	0	21	333330	6057353	13J12	1	.5	500	189	2.4	21.0	3.0	.73	.4	200	289
6222951	6253307	5	2005	53307	3307	0	21	331498	6058253	13J12	1	.5	440	122	3.1	25.0	.5	.54	.6	320	321
6222952	6253308	5	2005	53308	3308	0	21	331072	6057713	13J12	1	.5	1200	234	8.2	31.0	.5	.51	8.5	290	354
6222953	6253309	5	2005	53309	3309	0	21	328906	6057546	13J12	1	7.0	270	175	1.1	13.0	.5	.41	.3	150	177
6222954	6253310	5	2005	53310	3310	0	21	328301	6055772	13J12	1	.5	370	153	.4	28.0	.5	.73	.2	140	188
6222955	6253311	5	2005	53311	3311	0	21	332240	6059509	13J12	5	.5	570	330	3.2	19.0	.5	.57	.8	290	414
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6222957	6253313	5	2005	53313	3313	0	21	330089	6061549	13J12	1	.5	350	232	.6	20.0	.5	.89	.2	60	79
6222958	6253314	5	2005	53314	3314	0	21	328818	6061851	13J12	1	.5	25	143	.8	20.0	.5	.49	.2	62	77
6222959	6253315	5	2005	53315	3315	0	21	332536	6061362	13J12	3	.5	350	364	1.2	32.0	.5	1.17	.3	66	93
6222961	6253316	5	2005	53316	3316	0	21	335967	6060914	13J12	1	.5	390	224	2.2	11.0	.5	.61	.2	210	286
6222962	6253317	5	2005	53317	3317	0	21	338750	6061140	13J12	8	.5	490	484	2.7	10.0	.5	2.35	.5	110	177
6222963	6253318	5	2005	53318	3318	0	21	335988	6063912	13J12	4	.5	550	449	3.1	9.9	.5	1.75	.2	86	120
6222964	6253319	5	2005	53319	3319	1	21	334847	6064536	13J12	1	.5	300	242	3.2	20.0	.5	.78	.5	140	186
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6222966	6253321	5	2005	53321	3321	0	21	333047	6065175	13J12	3	.5	420	364	2.9	21.6	.5	1.09	.5	200	190
6222967	6253322	5	2005	53322	3322	0	21	332360	6064049	13J12	3	.5	340	264	1.1	26.4	.5	.74	.3	248	215
6222968	6253323	5	2005	53323	3323	0	21	330922	6064061	13J12	3	.5	25	135	1.2	43.2	.5	.95	.3	120	115
6222969	6253324	5	2005	53324	3324	0	21	330093	6064787	13J12	5	.5	25	353	1.9	21.6	.5	1.27	.5	168	162
6222971	6253325	5	2005	53325	3325	0	21	335787	6066988	13J12	3	.5	630	318	2.5	24.8	.5	.91	.4	200	178
6222972	6253326	5	2005	53326	3326	0	21	333747	6068797	13J12	1	.5	25	182	1.4	26.4	6.0	.60	.2	128	124
6222973	6253327	5	2005	53327	3327	0	21	331315	6069899	13J12	1	10.0	260	111	.4	30.4	.5	.52	.3	112	117
6222974	6253328	5	2005	53328	3328	0	21	332661	6070806	13J13	1	.5	380	105	.4	34.4	.5	.44	.2	112	96
6222975	6253329	5	2005	53329	3329	0	21	331548	6071685	13J13	1	.5	25	139	.9	45.6	.5	.43	.3	200	184
6222976	6253330	5	2005	53330	3330	0	21	328773	6098724	13O04	8	.5	570	402	1.5	41.6	.5	1.84	.4	120	117
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6222978	6253332	5	2005	53332	3332	0	21	330873	6099831	13O04	5	.5	25	340	1.1	46.5	.5	1.05	.2	162	139
6222979	6253333	5	2005	53333	3333	0	21	332302	6101089	13O04	1	.5	660	488	1.2	42.8	.5	1.49	.2	89	77
6222981	6253334	5	2005	53334	3334	0	21	333704	6101639	13O04	14	.5	680	308	1.7	124.0	.5	1.90	.3	143	135
6222982	6253335	5	2005	53335	3335	0	21	333165	6105097	13O04	4	.5	440	285	1.8	82.7	.5	1.23	.5	247	206
6222983	6253336	5	2005	53336	3336	0	21	335390	6106611	13O04	8	5.0	600	577	1.7	95.0	.5	2.03	.4	181	153
6222984	6253337	5	2005	53337	3337	0	21	337447	6108780	13O04	1	3.0	550	646	2.0	9.1	.5	2.19	.1	54	50
6222985	6253338	5	2005	53338	3338	0	21	339330	6110230	13O04	1	.5	540	507	4.3	26.6	.5	1.71	.3	114	90
6222988	6253341	5	2005	53341	3341	0	21	339418	6115027	13O04	1	.5	610	587	1.4	20.0	.5	2.24	.2	48	58
6222989	6253342	5	2005	53342	3342	0	21	338857	6116293	13O04	1	.5	530	364	1.2	44.0	.5	1.71	.3	130	164
6222991	6253343	2	2005	53343	3343	0	21	339732	6118226	13O04	1	.5	550	394	1.1	12.0	.5	1.80	.1	35	75
6222992	6253344	5	2005	53344	3344	0	21	337364	6115912	13O04	1	.5	440	518	1.4	38.0	4.0	2.30	.1	59	46
6222993	6253345	5	2005	53345	3345	0	21	337194	6114000	13O04	4	.5	530	558	1.5	10.0	.5	2.43	.1	42	52
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labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	as2	au1	ba1	ba2	be2	br1	ca1	ca2	cd2	ce1	ce2
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6222997	6253349	5	2005	53349	3349	0	21	333371	6111817	13O04	1	.5	560	352	1.0	20.0	.5	1.47	.2	45	60
6222998	6253350	5	2005	53350	3350	0	21	335832	6109573	13O04	1	.5	560	606	1.5	28.0	.5	1.91	.2	55	65
6222999	6253351	5	2005	53351	3351	0	21	335214	6107906	13O04	1	.5	550	541	1.3	33.0	.5	1.73	.2	47	53
6223001	6253352	5	2005	53352	3352	0	21	333707	6106305	13O04	3	2.0	420	409	1.3	37.0	.5	1.56	.2	58	70
6223002	6253353	5	2005	53353	3353	0	21	332837	6106767	13O04	2	.5	570	475	1.3	19.0	.5	1.85	.2	49	57
6223003	6253354	5	2005	53354	3354	0	21	332016	6105799	13O04	1	.5	380	379	1.4	54.2	.5	1.37	.3	70	93
6223004	6253355	5	2005	53355	3355	0	21	331631	6103707	13O04	1	.5	570	525	1.5	29.5	.5	1.98	.2	84	104
6223005	6253356	5	2005	53356	3356	0	21	330997	6102399	13O04	10	.5	440	634	1.7	52.3	.5	2.23	.3	88	110
6223006	6253357	5	2005	53357	3357	0	21	324833	6099081	13O04	1	.5	310	315	.7	36.1	.5	1.02	.1	54	68
6223007	6253358	5	2005	53358	3358	0	21	325972	6100833	13O04	5	.5	570	626	1.4	27.5	.5	2.45	.2	68	89
6223008	6253359	5	2005	53359	3359	0	21	328024	6102944	13O04	4	.5	300	232	.8	45.6	3.0	1.42	.4	133	160
6223009	6253360	5	2005	53360	3360	0	21	329147	6103944	13O04	1	.5	420	332	1.2	35.2	.5	1.31	.5	209	248
6223011	6253361	5	2005	53361	3361	0	21	330077	6106016	13O04	1	.5	270	371	1.0	28.0	.5	1.87	.1	62	58
6223012	6253362	5	2005	53362	3362	0	21	330078	6106016	13O04	1	.5	390	364	1.0	26.4	2.0	1.87	.1	60	54
6223013	6253363	5	2005	53363	3363	0	21	328256	6105703	13O04	2	.5	210	296	1.0	45.9	.5	1.53	.3	136	126
6223014	6253364	5	2005	53364	3364	0	21	327559	6103489	13O04	1	.5	420	399	1.0	23.8	.5	1.79	.2	72	76
6223015	6253365	5	2005	53365	3365	0	21	325847	6103770	13O04	1	.5	160	147	.4	51.0	.5	.98	.2	64	61
6223039	6253366	5	2005	53366	3366	0	21	323244	6103690	13O04	6	.5	240	313	1.6	36.8	.5	2.24	.5	308	370
6223041	6253367	5	2005	53367	3367	0	21	322548	6102053	13O04	1	.5	25	202	1.0	43.5	.5	1.42	.4	270	292
6223042	6253368	5	2005	53368	3368	0	21	323422	6099770	13O04	2	.5	25	178	.7	42.8	.5	.72	.3	120	125
6223043	6253369	5	2005	53369	3369	0	21	316210	6097728	13J13	1	.5	490	507	1.1	24.8	.5	1.50	.2	105	109
6223044	6253370	5	2005	53370	3370	0	21	317427	6097261	13J13	1	.5	200	301	.7	36.0	.5	.82	.2	83	78
6223045	6253371	5	2005	53371	3371	0	21	319421	6097458	13J13	1	.5	340	415	.9	27.8	2.0	1.12	.2	65	67
6223046	6253372	5	2005	53372	3372	0	21	323463	6097376	13J13	1	.5	200	148	.9	43.5	.5	.89	.4	188	206
6223047	6253373	5	2005	53373	3373	0	21	322866	6093242	13J13	1	.5	25	88	.3	66.0	.5	.38	.1	57	59
6223048	6253374	5	2005	53374	3374	0	21	322416	6091223	13J13	1	.5	25	192	.5	36.0	2.0	1.31	.2	90	82
6223049	6253375	5	2005	53375	3375	0	21	318713	6091713	13J13	1	.5	240	125	1.1	36.0	.5	.90	.5	548	603
6223051	6253376	5	2005	53376	3376	0	21	316230	6091955	13J13	5	.5	260	142	.4	37.5	.5	.87	.2	120	126
6223052	6253377	5	2005	53377	3377	0	21	319744	6091825	13J13	1	.5	260	267	1.0	56.3	.5	1.61	.3	255	268
6223053	6253378	5	2005	53378	3378	0	21	319771	6099023	13O04	2	4.0	25	262	.4	31.5	.5	.83	.1	44	39
6223054	6253379	5	2005	53379	3379	0	21	320615	6100795	13O04	2	.5	260	155	.8	68.3	.5	.69	.4	210	229
6223055	6253380	5	2005	53380	3380	0	21	320615	6100795	13O04	1	.5	25	150	.7	66.0	.5	.64	.3	203	209
6223056	6253381	5	2005	53381	3381	0	21	319162	6100849	13O04	1	.5	25	112	.2	42.0	.5	.40	.1	41	38
6223057	6253382	5	2005	53382	3382	0	21	317992	6101423	13O04	1	.5	25	135	.8	45.0	.5	.51	.4	158	147
6223058	6253383	5	2005	53383	3383	0	21	317260	6102191	13O04	1	.5	25	116	1.2	38.3	.5	.59	.4	240	244
6223059	6253384	5	2005	53384	3384	0	21	318456	6103845	13O04	1	.5	170	199	1.0	53.3	.5	.67	.6	233	232
6223061	6253385	5	2005	53385	3385	0	21	319925	6105210	13O04	1	.5	25	140	.6	72.8	.5	.68	.2	158	158
6223062	6253386	5	2005	53386	3386	0	21	321927	6104593	13O04	1	.5	110	153	1.0	26.3	.5	.66	.2	360	342
6223063	6253387	5	2005	53387	3387	0	21	321457	6106429	13O04	1	.5	25	100	.8	67.5	.5	.57	.3	195	192
6223064	6253388	5	2005	53388	3388	0	21	322041	6107386	13O04	1	.5	260	102	1.6	54.8	.5	.69	.2	90	85
6223065	6253389	5	2005	53389	3389	0	21	323553	6106912	13O04	1	.5	25	104	3.4	68.3	.5	.73	.2	263	268
6223066	6253390	5	2005	53390	3390	0	21	323221	6108350	13O04	5	.5	270	86	3.4	48.0	.5	.47	.4	150	138
6223067	6253391	5	2005	53391	3391	0	21	325017	6107665	13O04	1	.5	260	317	3.1	41.3	3.0	1.05	.2	90	82
6223068	6253392	5	2005	53392	3392	0	21	326500	6107189	13O04	1	.5	340	395	2.5	23.3	.5	1.46	.2	57	55
6223069	6253393	5	2005	53393	3393	0	21	327360	6108920	13O04	1	.5	510	687	2.8	20.3	3.0	2.12	.2	128	157
6223071	6253394	5	2005	53394	3394	0	21	331472	6108942	13O04	1	.5	25	35	.2	69.0	.5	.89	.1	26	26
6223072	6253395	5	2005	53395	3395	0	21	329492	6109909	13O04	2	.5	290	156	3.6	69.0	.5	1.10	.5	255	260
6223073	6253396	5	2005	53396	3396	0	21	328594	6110708	13O04	1	.5	250	305	3.1	45.8	.5	.97	.4	188	185
6223074	6253397	5	2005	53397	3397	0	21	326956	6109901	13O04	3	.5	490	205	4.1	59.3	.5	.92	.3	248	232
6223075	6253398	5	2005	53398	3398	0	21	332105	6115919	13O04	11	.5	350	316	2.3	300.0	3.0	1.76	1.0	135	143
6223076	6253399	5	2005	53399	3399	1	21	326682	6113689	13O04	1	.5	290	124	2.0	72.8	.5	.92	.2	143	104
6223077	6253400	5	2005	53400	3400	2	21	326682	6113689	13O04	2	.5	410	134	2.2	66.5	.5	1.00	.2	114	117
6223078	6253401	5	2005	53401	3401	0	21	324251	6113003	13O04	1	.5	25	129	2.5	43.7	.5	.44	.1	88	86
6223079	6253402	5	2005	53402	3402	0	21	325074	6111058	13O04	3	.5	630	180	8.1	57.0	.5	.98	.3	143	146
6223081	6253403	5	2005	53403	3403	0	21	319846	6109053	13O04	1	.5	420	557	1.2	8.9	.5	2.02	.1	21	38
6223082	6253404	5	2005	53404	3404	0	21	318738	6107628	13O04	1	.5	25	147	.9	35.2	.5	.78	.3	181	207
6223083	6253405	5	2005	53405	3405	0	21	316827	6106136	13O04	6	.5	260	782	1.6	13.3	.5	2.09	.1	46	88
6223084	6253406	5	2005	53406	3406	0	21	317270	6104763	13O04	1	.5	130	144	.5	49.4	.5	.50	.2	80	94
6223085	6253407	5	2005	53407	3407	0	21	315468	6103642	13O04	4	.5	370	308	.9	48.5	.5	1.15	.4	84	105
6223086	6253408	5	2005	53408	3408	0	21	316490	6100236	13O04	1	.5	25	129	.5	45.6	.5	.56	.2	72	82
6223087	6253409	5	2005	53409	3409	0	21	315297	6100373	13O04	1	.5	250	200	.7	27.5	3.0	.61	.2	67	81
6223088	6253410	5	2005	53410	3410	0	21	314277	6101050	13O04	1	.5	310	129	.4	38.0	.5	.55	.2	41	49
6223089	6253411	5	2005	53411	3411	0	21	312761	6099032	13O04	1	.5	490	224	1.3	28.0	.5	.82	.4	210	258
6223091	6253412	5	2005	53412	3412	0	21	312307	6102657	13O04	1	.5	460	336	1.0	40.0	.5	.97	.3	86	110
6223092	6253413	5	2005	53413	3413	0	21	313882	6104580	13O04	3	.5	490	267	1.0	43.0	.5	1.30	.2	190	217
6223093	6253414	5	2005	53414	3414	0	21	315220	6105951	13O04	6	.5	180	433	1.8	25.0	.5	1.50	.4	220	304
6223094	6253415	5	2005	53415	3415	0	21	316221	6108119	13O04	1	.5	420	605	1.2	12.0	.5	1.57	.2	46	72
6223095	6253416	5	2005	53416	3416	0	21	318483	6110428	13O04	1	.5	25	137	.4	39.0	.5	.55	.1	36	43

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	as2	au1	ba1	ba2	be2	br1	ca1	ca2	cd2	ce1	ce2
6223096	6253417	5	2005	53417	3417	0	21	316922	6110084	13O04	1	.5	530	718	1.4	16.0	.5	2.00	.1	50	81
6223097	6253418	5	2005	53418	3418	0	21	314888	6110864	13O04	1	.5	520	380	.9	33.0	.5	1.29	.2	59	73
6223098	6253419	5	2005	53419	3419	1	21	314439	6112346	13O04	3	.5	330	432	1.1	37.0	.5	1.37	.2	60	66
6223099	6253420	5	2005	53420	3420	2	21	314439	6112346	13O04	4	2.0	400	454	1.1	46.0	3.0	1.42	.2	57	68
6223101	6253421	5	2005	53421	3421	0	21	311780	6111825	13O04	2	.5	430	592	1.3	13.0	2.0	1.86	.1	34	54
6223102	6253422	5	2005	53422	3422	0	21	312240	6108625	13O04	2	.5	25	140	.7	68.0	.5	1.37	.3	75	91
6223103	6253423	5	2005	53423	3423	0	21	313858	6108500	13O04	1	.5	350	125	1.0	61.0	.5	.71	.4	140	167
6223104	6253424	5	2005	53424	3424	0	21	313742	6106304	13O04	1	.5	690	725	1.2	8.1	.5	1.81	.1	34	52
6223105	6253425	5	2005	53425	3425	0	21	311860	6104584	13O04	1	.5	25	207	1.0	36.0	.5	.83	.3	140	174
6223106	6253426	5	2005	53426	3426	0	20	669969	6100398	13N01	1	.5	25	293	.7	18.0	.5	1.32	.2	25	35
6223107	6253427	5	2005	53427	3427	0	20	670870	6101300	13N01	2	.5	330	361	1.0	24.0	.5	1.27	.2	40	45
6223108	6253428	5	2005	53428	3428	0	20	668994	6101537	13N01	1	.5	590	415	1.1	19.0	.5	1.48	.2	48	55
6223109	6253429	5	2005	53429	3429	0	20	669782	6103550	13N01	10	2.0	640	566	1.6	16.0	3.0	2.11	.2	59	87
6223111	6253430	5	2005	53430	3430	0	20	671670	6104829	13N01	4	.5	600	641	1.5	3.6	1.0	2.28	.2	55	87
6223112	6253431	5	2005	53431	3431	0	20	672121	6105720	13N01	1	.5	330	319	.7	21.0	.5	1.04	.2	28	35
6223113	6253432	5	2005	53432	3432	0	20	673512	6106966	13N01	1	.5	320	356	.7	16.8	2.0	1.53	.1	22	30
6223114	6253433	5	2005	53433	3433	0	20	674010	6108526	13N01	2	.5	25	88	.6	48.3	.5	.47	.4	55	65
6223115	6253434	5	2005	53434	3434	0	20	675610	6109364	13N01	5	.5	540	416	1.2	26.3	2.0	1.58	.2	46	64
6223116	6253435	5	2005	53435	3435	0	20	676300	6109942	13N01	1	.5	410	438	1.1	11.6	2.0	1.85	.1	35	46
6223117	6253436	5	2005	53436	3436	0	20	676630	6112483	13N01	8	.5	570	570	1.7	20.0	2.0	2.09	.2	58	90
6223118	6253437	5	2005	53437	3437	0	20	678453	6112704	13N01	1	.5	500	407	1.0	22.0	.5	1.19	.2	38	48
6223119	6253438	5	2005	53438	3438	0	20	680548	6114850	13N01	1	.5	440	419	1.0	23.1	.5	1.33	.2	28	38
6223121	6253439	5	2005	53439	3439	1	20	681845	6116200	13N01	1	.5	270	315	.8	28.0	.5	1.47	.2	39	36
6223122	6253440	5	2005	53440	3440	2	20	681845	6116206	13N01	1	.5	25	296	.7	33.0	.5	1.33	.2	32	32
6223123	6253441	5	2005	53441	3441	0	20	681916	6117635	13N01	1	.5	390	455	1.1	14.0	2.0	2.02	.2	37	47
6223124	6253442	5	2005	53442	3442	0	20	681107	6118569	13N01	1	.5	430	414	1.1	27.0	.5	1.60	.3	54	56
6223125	6253443	5	2005	53443	3443	0	20	681226	6120100	13N01	4	.5	480	361	1.0	43.0	2.0	1.82	.3	56	57
6223126	6253444	5	2005	53444	3444	0	20	682896	6120584	13N01	1	.5	380	422	.9	25.0	.5	1.92	.2	37	39
6223127	6253445	5	2005	53445	3445	0	20	683965	6120866	13N01	1	.5	490	421	.9	33.0	2.0	1.78	.2	39	40
6223128	6253446	5	2005	53446	3446	0	20	684022	6121811	13N01	3	.5	410	333	.9	43.0	.5	1.53	.3	43	45
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6223131	6253448	5	2005	53448	3448	0	20	684798	6123570	13N01	9	.5	490	444	1.3	55.0	.5	1.99	.5	69	72
6223132	6253449	5	2005	53449	3449	0	20	683857	6124412	13N01	12	.5	350	482	1.3	75.0	.5	2.28	.3	66	77
6223133	6253450	5	2005	53450	3450	0	20	678110	6125208	13N01	5	.5	350	454	1.1	48.3	2.0	2.31	.3	43	63
6223134	6253451	5	2005	53451	3451	0	20	677149	6124815	13N01	3	.5	380	487	1.0	8.5	1.0	2.57	.1	32	47
6223135	6253452	5	2005	53452	3452	0	20	677895	6121899	13N01	5	.5	510	351	1.0	77.7	.5	1.60	.5	59	72
6223136	6253453	5	2005	53453	3453	0	20	677852	6120815	13N01	1	.5	480	365	.9	21.0	.5	1.95	.1	35	46
6223137	6253454	5	2005	53454	3454	0	20	677225	6120280	13N01	3	.5	300	271	1.1	72.4	.5	1.38	.6	82	108
6223138	6253455	5	2005	53455	3455	0	20	677715	6116724	13N01	1	.5	320	435	1.0	22.0	2.0	2.01	.1	34	46
6223139	6253456	5	2005	53456	3456	0	20	679008	6115939	13N01	2	.5	390	271	.8	60.9	.5	1.15	.2	49	64
6223141	6253457	5	2005	53457	3457	0	20	677000	6114100	13N01	1	.5	430	309	.9	39.9	.5	1.10	.4	49	59
6223142	6253458	5	2005	53458	3458	0	20	675543	6112510	13N01	1	.5	400	387	.9	31.5	.5	1.30	.2	40	46
6223143	6253459	5	2005	53459	3459	1	20	673769	6110240	13N01	1	.5	300	225	.6	37.8	.5	1.08	.2	48	60
6223144	6253460	5	2005	53460	3460	2	20	673769	6110240	13N01	1	.5	290	233	.7	47.5	2.0	1.00	.3	55	67
6223145	6253461	5	2005	53461	3461	0	20	672121	6108087	13N01	1	.5	160	203	.4	41.8	.5	.90	.1	23	23
6223146	6253462	5	2005	53462	3462	0	20	670480	6104824	13N01	1	.5	370	436	1.1	13.3	2.0	2.01	.1	35	44
6223147	6253463	5	2005	53463	3463	0	20	667061	6098782	13N01	1	3.0	25	232	1.0	38.0	2.0	1.45	.5	72	83
6223148	6253464	5	2005	53464	3464	0	20	666983	6097341	13K16	1	.5	250	245	.6	32.3	.5	1.33	.1	23	24
6223149	6253465	5	2005	53465	3465	0	20	672162	6092773	13K16	1	.5	230	331	.9	43.7	.5	1.10	.1	54	58
6223151	6253466	5	2005	53466	3466	0	20	675093	6091404	13K16	1	.5	210	200	.7	45.6	.5	.91	.3	67	69
6223152	6253467	5	2005	53467	3467	0	20	676276	6091164	13K16	1	.5	25	235	.8	33.3	.5	1.27	.5	114	126
6223153	6253468	5	2005	53468	3468	0	20	678945	6090055	13K16	1	.5	25	116	.7	43.7	.5	.52	.2	90	96
6223154	6253469	5	2005	53469	3469	0	20	682347	6088580	13K16	1	.5	180	148	.4	43.7	.5	.58	.1	58	69
6223155	6253470	5	2005	53470	3470	0	20	686381	6088116	13K16	1	.5	150	147	.6	34.0	.5	.78	.2	83	105
6223156	6253471	5	2005	53471	3471	0	20	688868	6089040	13K16	1	4.0	300	189	1.5	39.0	.5	.73	.4	210	286
6223157	6253472	5	2005	53472	3472	0	20	690065	6089294	13K16	1	2.0	25	173	.3	28.0	.5	.44	.1	30	33
6223158	6253473	5	2005	53473	3473	0	21	308388	6091165	13J13	2	3.0	25	131	.7	28.0	.5	.58	.2	91	105
6223159	6253474	5	2005	53474	3474	0	20	664587	6098593	13N01	1	.5	25	133	1.2	65.0	.5	.64	.5	110	130
6223161	6253475	5	2005	53475	3475	0	20	666040	6101514	13N01	1	.5	420	382	.9	11.0	.5	1.36	.1	41	50
6223162	6253476	5	2005	53476	3476	0	20	666940	6104438	13N01	2	.5	420	416	1.0	15.0	.5	1.84	.1	39	46
6223163	6253477	5	2005	53477	3477	0	20	668707	6109395	13N01	1	.5	250	241	.5	27.0	2.0	1.06	.1	18	20
6223164	6253478	5	2005	53478	3478	0	20	671531	6110777	13N01	3	.5	420	405	1.2	66.0	.5	1.66	.4	81	109
6223165	6253479	5	2005	53479	3479	0	20	672511	6114154	13N01	3	.5	160	308	1.1	48.0	.5	1.62	.4	92	114
6223167	6253481	5	2005	53481	3481	0	20	674647	6116096	13N01	1	.5	460	189	.8	91.0	.5	1.03	.4	76	71
6223168	6253482	5	2005	53482	3482	0	20	674392	6117209	13N01	1	.5	320	213	.9	77.0	.5	1.57	.4	109	108
6223169	6253483	5	2005	53483	3483	0	20	672304	6116872	13N01	2	.5	230	298	1.0	80.0	3.0	1.26	.4	88	87
6223171	6253484	5	2005	53484	3484	0	20	672917	6119530	13N01	9	2.0	490	621	1.4	10.0	.5	1.94	.1	76	74
6223172	6253485	5	2005	53485	3485	0	20	673563	6121609	13N01	6	.5	480	517	1.2	39.0	.5	2.39	.1	73	72
6223173	6253486	5	2005	53486	3486	0	20	671760	6121662	13N01	4	.5	260	177	.6	82.0	.5	.89	.6	60	58

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	as2	au1	ba1	ba2	be2	br1	ca1	ca2	cd2	ce1	ce2
6223174	6253487	5	2005	53487	3487	0	20	670606	6119471	13N01	1	.5	560	309	.7	63.0	.5	1.23	.2	44	38
6223175	6253488	5	2005	53488	3488	0	20	670288	6117839	13N01	2	.5	420	495	1.1	17.0	.5	1.94	.1	45	47
6223176	6253489	5	2005	53489	3489	0	20	670238	6116543	13N01	1	.5	530	347	.7	26.0	.5	1.48	.1	40	38
6223177	6253490	5	2005	53490	3490	0	20	671354	6115377	13N01	1	.5	25	218	.9	73.0	.5	1.23	.3	90	85
6223178	6253491	5	2005	53491	3491	0	20	669232	6115232	13N01	1	.5	470	398	.9	28.0	3.0	1.60	.1	46	45
6223179	6253492	5	2005	53492	3492	0	20	669111	6112108	13N01	2	.5	400	392	.9	14.0	.5	2.08	.1	41	43
6223181	6253493	5	2005	53493	3493	0	20	668679	6111304	13N01	1	.5	340	194	.6	93.0	.5	.93	.3	54	57
6223182	6253494	5	2005	53494	3494	0	20	666965	6109479	13N01	1	.5	450	360	.7	20.0	.5	1.43	.1	39	39
6223183	6253495	5	2005	53495	3495	0	20	666986	6110555	13N01	1	.5	270	184	.5	71.0	.5	1.02	.2	57	61
6223184	6253496	5	2005	53496	3496	0	20	667043	6112859	13N01	1	.5	25	106	.4	52.0	.5	.58	.1	55	51
6223185	6253497	5	2005	53497	3497	0	20	665210	6112011	13N01	1	.5	260	218	.5	34.0	.5	1.20	.2	30	34
6223186	6253498	5	2005	53498	3498	0	20	663160	6112261	13N01	1	.5	25	109	.2	50.0	.5	.43	.2	12	16
6223187	6253499	5	2005	53499	3499	1	20	662508	6110119	13N01	5	.5	350	212	.8	31.0	.5	1.21	.3	95	91
6223188	6253500	5	2005	53500	3500	2	20	662508	6110119	13N01	4	.5	210	115	.6	48.3	.5	.63	.4	69	61
6223189	6253501	5	2005	53501	3501	0	20	664585	6110250	13N01	9	.5	400	466	1.2	69.3	.5	2.31	.2	126	91
6223191	6253502	5	2005	53502	3502	0	20	664447	6107848	13N01	1	.5	390	271	.7	28.4	.5	1.31	.2	51	40
6223192	6253503	5	2005	53503	3503	0	20	660064	6106296	13N01	1	.5	330	383	.8	17.9	2.0	1.66	.1	45	36
6223193	6253504	5	2005	53504	3504	0	20	663691	6104181	13N01	2	.5	300	213	.7	54.6	.5	1.08	.2	63	51
6223194	6253505	5	2005	53505	3505	0	20	661230	6102146	13N01	1	.5	320	429	1.2	25.2	.5	1.26	.1	76	60
6223195	6253506	5	2005	53506	3506	0	20	664980	6102884	13N01	1	.5	25	435	1.2	22.0	2.0	1.50	.2	81	59
6223196	6253507	5	2005	53507	3507	0	20	663978	6101482	13N01	1	.5	530	467	1.3	26.3	.5	1.69	.1	97	70
6223197	6253508	5	2005	53508	3508	0	20	663085	6098207	13N01	1	.5	300	279	.8	15.8	.5	1.95	.1	41	31
6223198	6253509	5	2005	53509	3509	0	20	660732	6099853	13N01	1	.5	610	581	1.5	8.8	.5	1.49	.1	83	58
6223199	6253510	5	2005	53510	3510	0	20	660163	6097678	13N01	1	.5	260	174	.7	44.0	.5	.73	.4	60	56
6223201	6253511	5	2005	53511	3511	0	20	661081	6096641	13K16	1	3.0	210	203	1.2	67.0	.5	1.21	.5	170	164
6223202	6253512	5	2005	53512	3512	0	20	663243	6096686	13K16	1	.5	25	145	.8	78.0	.5	.87	.3	78	72
6223203	6253513	5	2005	53513	3513	0	20	660546	6093275	13K16	3	.5	110	203	.9	43.0	.5	1.06	.3	83	81
6223204	6253514	5	2005	53514	3514	0	20	662942	6094282	13K16	1	.5	250	177	.7	56.0	.5	1.01	.2	66	65
6223205	6253515	5	2005	53515	3515	0	20	660909	6091155	13K16	1	.5	25	110	.5	28.0	.5	.59	.2	47	45
6223206	6253516	5	2005	53516	3516	0	20	661082	6084805	13K16	3	.5	500	489	1.3	11.0	.5	1.29	.1	52	54
6223207	6253517	5	2005	53517	3517	0	20	665703	6081997	13K16	1	.5	25	134	.5	31.0	.5	.70	.2	60	51
6223208	6253518	5	2005	53518	3518	0	20	668177	6081994	13K16	1	.5	25	110	.5	43.0	.5	.63	.2	65	64
6223209	6253519	5	2005	53519	3519	1	20	672965	6081499	13K16	4	.5	25	130	1.2	50.0	.5	.80	.5	230	234
6223211	6253520	5	2005	53520	3520	2	20	672965	6081499	13K16	5	.5	430	261	1.4	41.0	.5	1.10	.4	230	224
6223212	6253521	5	2005	53521	3521	0	20	676271	6080194	13K16	1	6.0	25	175	.7	68.0	.5	.89	.3	110	108
6223213	6253522	5	2005	53522	3522	0	20	689627	6076037	13K16	80	.5	230	258	.9	31.0	.5	1.83	.8	87	93
6223214	6253523	5	2005	53523	3523	0	20	690313	6075665	13K16	19	.5	25	70	.2	36.0	.5	.80	.2	25	21
6223215	6253524	5	2005	53524	3524	0	20	691214	6075618	13K16	10	.5	25	173	.4	30.0	.5	1.15	.2	41	37
6223216	6253525	5	2005	53525	3525	0	20	692303	6074026	13K16	4	.5	25	178	.5	63.0	.5	1.48	.3	135	139
6223217	6253526	5	2005	53526	3526	0	20	690742	6073132	13K16	2	.5	160	137	.6	46.0	.5	1.09	.4	63	65
6223218	6253527	5	2005	53527	3527	0	20	689487	6072248	13K16	22	.5	290	161	.6	40.0	.5	1.19	.4	85	81
6223219	6253528	5	2005	53528	3528	0	20	687897	6072593	13K16	32	.5	25	105	.3	55.0	.5	1.03	.3	79	73
6223221	6253529	5	2005	53529	3529	0	20	685835	6072774	13K16	1	.5	25	90	.2	29.0	.5	.72	.5	40	24
6223222	6253530	5	2005	53530	3530	0	20	682268	6072640	13K16	1	.5	25	96	1.0	48.0	.5	.81	.4	200	150
6223223	6253531	5	2005	53531	3531	0	20	681522	6070985	13K16	1	.5	25	106	.6	37.0	.5	.75	.4	170	126
6223224	6253532	5	2005	53532	3532	0	20	678452	6071721	13K16	1	.5	240	155	1.1	36.0	.5	1.19	.4	300	229
6223225	6253533	5	2005	53533	3533	0	20	677343	6070815	13K16	1	.5	25	185	.7	41.0	.5	.75	.3	140	98
6223226	6253534	5	2005	53534	3534	0	20	674588	6070793	13K16	5	.5	700	604	1.9	7.6	.5	1.14	.1	190	145
6223227	6253535	5	2005	53535	3535	0	20	672142	6071069	13K16	1	.5	25	124	.3	34.0	.5	.58	.2	57	41
6223228	6253536	5	2005	53536	3536	0	20	669700	6070390	13K16	1	.5	270	270	1.1	27.0	.5	.93	.5	150	115
6223229	6253537	5	2005	53537	3537	0	20	667234	6071066	13K16	1	.5	25	122	.9	28.0	.5	.64	.4	130	90
6223231	6253538	5	2005	53538	3538	0	20	664760	6070426	13K16	1	.5	280	146	.4	34.0	.5	.73	.1	64	45
6223232	6253539	5	2005	53539	3539	1	20	665597	6072740	13K16	1	.5	25	188	.5	24.3	.5	1.07	.2	47	47
6223233	6253540	5	2005	53540	3540	2	20	665597	6072740	13K16	1	.5	260	174	.5	27.9	.5	.99	.2	43	44
6223234	6253541	5	2005	53541	3541	0	20	666488	6074069	13K16	1	.5	260	137	.9	36.9	.5	.40	.4	108	111
6223235	6253542	5	2005	53542	3542	0	20	669288	6073143	13K16	1	.5	25	92	.7	38.7	.5	.64	.4	68	79
6223236	6253543	5	2005	53543	3543	0	20	671770	6072395	13K16	1	.5	270	118	.8	40.5	.5	.64	.5	108	114
6223237	6253544	5	2005	53544	3544	0	20	673839	6073235	13K16	1	.5	25	196	.6	44.1	.5	.81	.2	57	62
6223238	6253545	5	2005	53545	3545	0	20	676090	6073505	13K16	1	.5	170	107	.7	57.6	.5	.54	.3	99	117
6223239	6253546	5	2005	53546	3546	0	20	678710	6073735	13K16	1	.5	680	665	1.6	12.6	.5	2.11	.1	153	181
6223241	6253547	5	2005	53547	3547	0	20	680734	6073720	13K16	1	.5	25	144	.9	33.3	.5	.65	.3	180	185
6223242	6253548	5	2005	53548	3548	0	20	682997	6074074	13K16	1	.5	280	150	1.3	38.7	.5	.93	.5	189	198
6223243	6253549	5	2005	53549	3549	0	20	684372	6075029	13K16	1	.5	350	207	.7	49.5	.5	1.28	.3	135	146
6223244	6253550	5	2005	53550	3550	0	20	686372	6074534	13K16	11	.5	140	81	.1	19.8	.5	.71	.3	46	51
6223245	6253551	5	2005	53551	3551	0	20	687211	6076253	13K16	1	.5	25	96	.3	52.2	.5	1.02	.4	71	76
6223246	6253552	5	2005	53552	3552	0	20	685463	6076123	13K16	3	.5	290	270	1.0	44.1	.5	1.53	.4	162	174
6223247	6253553	5	2005	53553	3553	0	20	683552	6076044	13K16	1	.5	25	131	1.3	39.6	.5	.72	.4	225	263
6223248	6253554	5	2005	53554	3554	0	20	681050	6076019	13K16	3	.5	25	184	1.0	36.0	.5	.75	.3	171	195
6223249	6253555	5	2005	53555	3555	0	20	678743	6075565	13K16	1	.5	180	155	.5	31.5	.5	.59	.1	50	54

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	as2	au1	ba1	ba2	be2	br1	ca1	ca2	cd2	ce1	ce2
6223251	6253556	5	2005	53556	3556	0	20	674420	6075896	13K16	1	.5	200	187	.6	32.4	.5	1.01	.1	53	58
6223252	6253557	5	2005	53557	3557	0	20	671632	6075822	13K16	1	.5	25	112	.5	28.8	.5	.51	.1	64	68
6223253	6253558	5	2005	53558	3558	0	20	669738	6074972	13K16	2	.5	310	249	1.1	45.9	3.0	1.96	.3	87	92
6223254	6253559	5	2005	53559	3559	1	20	671500	6076895	13K16	1	.5	230	227	.5	25.2	2.0	.85	.2	39	41
6223255	6253560	5	2005	53560	3560	2	20	671500	6076895	13K16	1	.5	140	212	.4	31.5	.5	.73	.1	33	33
6223256	6253561	5	2005	53561	3561	0	20	677215	6076765	13K16	1	.5	25	134	1.2	90.0	.5	1.10	.5	252	233
6223257	6253562	5	2005	53562	3562	0	20	680500	6078700	13K16	1	.5	160	139	.6	38.7	.5	.81	.2	90	105
6223258	6253563	5	2005	53563	3563	0	20	682820	6079850	13K16	1	.5	25	71	.5	45.0	.5	.52	.3	87	95
6223259	6253564	5	2005	53564	3564	0	20	685480	6078472	13K16	3	.5	25	68	.9	63.9	.5	.31	.4	135	143
6223261	6253565	5	2005	53565	3565	0	20	688334	6079160	13K16	1	2.0	120	78	.3	54.0	.5	.71	.5	69	81
6223262	6253566	5	2005	53566	3566	0	20	689130	6080090	13K16	1	.5	150	82	.3	43.2	2.0	.97	.3	68	72
6223263	6253567	5	2005	53567	3567	0	20	689685	6065065	13K09	3	.5	25	96	1.5	55.8	.5	.51	.4	252	280
6223264	6253568	5	2005	53568	3568	0	20	686190	6062127	13K09	4	3.0	25	176	2.2	58.5	.5	1.38	.3	306	330
6223265	6253569	5	2005	53569	3569	0	20	673750	6055691	13K09	4	.5	320	324	3.1	65.0	.5	1.37	.3	180	187
6223266	6253570	5	2005	53570	3570	0	20	676151	6066709	13K09	1	.5	500	714	1.9	6.7	.5	1.71	.1	67	71
6223267	6253571	5	2005	53571	3571	0	20	690259	6078853	13K16	6	.5	240	351	.6	80.0	3.0	.65	1.2	100	103
6223268	6253572	5	2005	53572	3572	0	20	691262	6078748	13K16	13	.5	230	209	.5	61.0	1.0	1.24	.8	72	77
6223269	6253573	5	2005	53573	3573	0	20	691492	6080377	13K16	12	.5	270	246	.4	84.0	3.0	2.73	.7	80	73
6223271	6253574	5	2005	53574	3574	0	20	691547	6084458	13K16	1	.5	25	105	.9	58.0	.5	.98	.4	200	208
6223272	6253575	5	2005	53575	3575	0	20	690224	6085490	13K16	1	4.0	200	189	.9	53.0	.5	.66	.1	140	142
6223273	6253576	5	2005	53576	3576	0	20	688210	6083227	13K16	1	.5	25	180	.3	40.0	.5	.43	.1	100	105
6223274	6253577	5	2005	53577	3577	0	20	686754	6082313	13K16	1	.5	260	136	.7	79.0	.5	.73	.2	160	176
6223275	6253578	5	2005	53578	3578	0	20	686790	6080592	13K16	1	.5	25	150	.4	24.0	.5	.70	.1	99	99
6223276	6253579	5	2005	53579	3579	1	20	684036	6080613	13K16	1	.5	25	109	.8	48.6	.5	.67	.2	117	133
6223277	6253580	5	2005	53580	3580	2	20	684036	6080613	13K16	1	.5	140	111	.7	54.0	.5	.64	.2	99	108
6223278	6253581	5	2005	53581	3581	0	20	681642	6080880	13K16	3	.5	25	121	1.2	52.2	.5	.53	.5	189	209
6223279	6253582	5	2005	53582	3582	0	20	680017	6080247	13K16	1	.5	270	104	.8	52.2	.5	.92	.3	117	131
6223281	6253583	5	2005	53583	3583	0	20	678748	6079788	13K16	1	.5	25	113	.4	39.6	.5	.62	.1	63	64
6223282	6253584	5	2005	53584	3584	0	20	678580	6079023	13K16	1	.5	140	108	.4	41.4	.5	.54	.1	50	54
6223283	6253585	5	2005	53585	3585	0	20	676274	6078379	13K16	1	.5	140	104	.5	40.5	.5	.79	.2	78	79
6223284	6253586	5	2005	53586	3586	0	20	673818	6079219	13K16	3	3.0	650	424	1.5	24.3	.5	1.43	.3	234	255
6223285	6253587	5	2005	53587	3587	0	20	672625	6080672	13K16	4	1.0	630	325	1.4	22.5	.5	1.13	.4	252	279
6223286	6253588	2	2005	53588	3588	0	20	670837	6080120	13K16	2	.5	250	221	.7	52.2	.5	1.19	.2	84	93
6223287	6253589	5	2005	53589	3589	0	20	668739	6080201	13K16	1	.5	260	212	.5	28.8	.5	.81	.1	27	35
6223288	6253590	5	2005	53590	3590	0	20	669154	6077771	13K16	1	.5	210	208	.7	61.2	.5	.90	.3	52	62
6223289	6253591	5	2005	53591	3591	0	20	666723	6077526	13K16	4	.5	400	450	1.5	44.1	.5	1.54	.5	126	151
6223291	6253592	5	2005	53592	3592	0	20	665916	6075836	13K16	1	.5	440	304	1.2	39.6	.5	.81	.5	135	165
6223292	6253593	5	2005	53593	3593	0	20	664644	6076193	13K16	1	.5	25	119	.5	41.4	2.0	1.04	.3	84	106
6223293	6253594	5	2005	53594	3594	0	20	663789	6077215	13K16	1	.5	25	158	.6	41.4	.5	.65	.1	70	94
6223294	6253595	5	2005	53595	3595	0	20	666280	6078714	13K16	3	.5	190	151	.5	47.7	.5	.50	.3	69	88
6223295	6253596	5	2005	53596	3596	0	20	666475	6079825	13K16	1	.5	200	224	.5	57.6	.5	.73	.2	52	65
6223296	6253597	5	2005	53597	3597	0	20	670393	6083356	13K16	4	.5	190	236	1.3	44.1	.5	1.33	.7	126	155
6223297	6253598	5	2005	53598	3598	0	20	670281	6084201	13K16	2	.5	170	122	.7	42.3	.5	.56	.5	88	109
6223298	6253599	5	2005	53599	3599	1	20	669073	6085698	13K16	3	8.0	240	165	.7	57.6	2.0	1.32	.4	82	96
6223299	6253600	5	2005	53600	3600	2	20	669073	6085698	13K16	3	.5	230	182	.8	56.7	.5	1.24	.4	78	96
6223301	6253601	5	2005	53601	3601	0	20	669530	6087227	13K16	4	.5	25	121	1.3	71.1	.5	.70	.8	144	200
6223302	6253602	5	2005	53602	3602	0	20	668726	6088159	13K16	3	.5	280	462	1.2	34.2	.5	1.19	.2	68	77
6223303	6253603	5	2005	53603	3603	0	20	669839	6088720	13K16	2	.5	25	205	.4	27.9	.5	.78	.1	44	43
6223304	6253604	5	2005	53604	3604	0	20	665968	6088758	13K16	1	.5	25	360	.7	29.7	.5	1.07	.2	33	42
6223305	6253605	5	2005	53605	3605	0	20	663115	6089646	13K16	1	.5	440	210	.5	38.7	.5	.65	.2	26	35
6223306	6253606	5	2005	53606	3606	0	20	666219	6095120	13K16	3	.5	25	152	.4	63.9	.5	1.04	.2	41	46
6223307	6253607	5	2005	53607	3607	0	20	670007	6105230	13N01	1	.5	280	407	1.0	34.2	.5	1.34	.2	50	55
6223308	6253608	5	2005	53608	3608	0	20	666863	6091212	13K16	2	.5	25	148	1.1	75.6	.5	1.16	.6	117	138
6223309	6253609	5	2005	53609	3609	0	20	668769	6091587	13K16	1	.5	260	120	.7	56.7	.5	.75	.4	99	118
6223311	6253610	5	2005	53610	3610	0	20	671263	6090723	13K16	1	.5	260	449	1.0	20.7	.5	1.16	.1	50	63
6223312	6253611	5	2005	53611	3611	0	20	672370	6090552	13K16	4	6.0	350	347	1.4	47.7	.5	1.38	.5	144	181
6223313	6253612	5	2005	53612	3612	0	20	673088	6091217	13K16	2	.5	220	187	.2	41.4	.5	.64	.1	30	34
6223314	6253613	5	2005	53613	3613	0	20	674511	6093283	13K16	4	.5	500	253	1.2	61.2	.5	1.29	.8	243	285
6223315	6253614	5	2005	53614	3614	0	20	673050	6095326	13K16	1	.5	440	452	1.1	47.7	.5	1.41	.1	59	69
6223316	6253615	5	2005	53615	3615	0	20	673682	6095943	13K16	3	.5	240	500	1.1	7.8	2.0	1.93	.1	30	41
6223317	6253616	5	2005	53616	3616	0	20	691147	6094316	13K16	1	3.0	200	127	.5	73.8	.5	.46	.1	89	93
6223318	6253617	5	2005	53617	3617	0	20	690175	6091489	13K16	4	.5	170	93	1.6	47.7	.5	.50	.4	288	344
6223319	6253618	5	2005	53618	3618	0	20	689844	6090764	13K16	3	.5	25	163	1.3	64.8	.5	.60	.5	225	270
6223321	6253619	5	2005	53619	3619	1	20	688948	6086485	13K16	3	.5	25	149	.8	51.3	.5	.72	.3	108	154
6223322	6253620	5	2005	53620	3620	2	20	688948	6086485	13K16	3	.5	25	152	.8	41.4	.5	.57	.2	90	115
6223323	6253621	5	2005	53621	3621	0	20	685865	6085148	13K16	1	.5	520	603	1.3	4.1	.5	2.48	.1	50	79
6223324	6253622	5	2005	53622	3622	0	20	684787	6086207	13K16	1	.5	140	148	1.0	46.8	.5	.93	.5	108	149
6223325	6253623	5	2005	53623	3623	0	20	683012	6083020	13K16	2	.5	400	216	.9	25.2	.5	.97	.2	108	132
6223326	6253624	5	2005	53624	3624	0	20	684241	6082383	13K16	1	.5	25	92	1.3	30.6	.5	.62	.3	198	278

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	as2	au1	ba1	ba2	be2	br1	ca1	ca2	cd2	ce1	ce2
6223327	6253625	5	2005	53625	3625	0	20	682641	6079084	13K16	1	.5	250	71	.1	26.1	.5	.87	.2	56	69
6223328	6253626	5	2005	53626	3626	0	20	680602	6083155	13K16	3	.5	590	589	1.5	10.8	2.0	1.91	.3	135	186
6223329	6253627	5	2005	53627	3627	0	20	677670	6083164	13K16	2	.5	240	345	1.3	25.2	.5	1.49	.4	189	280
6223331	6253628	5	2005	53628	3628	0	20	675221	6085044	13K16	2	.5	340	523	1.6	15.3	.5	1.43	.4	162	249
6223332	6253629	5	2005	53629	3629	0	20	672650	6084525	13K16	1	.5	350	221	.4	23.4	2.0	.81	.1	36	51
6223333	6253630	5	2005	53630	3630	0	20	672205	6082712	13K16	1	.5	220	288	.6	19.8	.5	1.20	.1	39	53
6223334	6253631	5	2005	53631	3631	0	20	676075	6083242	13K16	1	.5	160	117	1.2	29.7	.5	.58	.4	198	295
6223335	6253632	5	2005	53632	3632	0	20	677146	6085957	13K16	3	.5	25	122	.9	28.8	.5	.74	.3	126	180
6223336	6253633	5	2005	53633	3633	0	20	679333	6085454	13K16	4	.5	230	194	.7	45.9	.5	1.06	.2	90	144
6223337	6253634	5	2005	53634	3634	0	20	681817	6086107	13K16	1	.5	25	130	.5	24.3	2.0	1.04	.2	80	117
6223338	6253635	5	2005	53635	3635	0	20	678709	6088060	13K16	3	.5	450	124	1.0	23.4	.5	.34	.4	144	214
6223339	6253636	5	2005	53636	3636	0	20	677305	6086946	13K16	7	.5	25	114	.8	42.3	.5	1.78	.3	144	183
6223341	6253637	5	2005	53637	3637	0	20	675129	6087249	13K16	1	.5	360	240	.7	29.7	.5	.97	.3	61	82
6223342	6253638	5	2005	53638	3638	0	20	672341	6088269	13K16	3	.5	430	190	.9	78.0	.5	2.31	.4	120	117
6223343	6253639	5	2005	53639	3639	1	20	673936	6089776	13K16	4	.5	25	109	.9	54.0	.5	.55	.5	110	118
6223344	6253640	5	2005	53640	3640	2	20	673936	6089776	13K16	5	.5	25	97	1.0	37.0	.5	.58	.4	170	190
6223345	6253641	5	2005	53641	3641	0	20	679188	6091172	13K16	6	.5	550	623	1.6	16.0	.5	1.77	.2	120	155
6223346	6253642	5	2005	53642	3642	0	20	680715	6091153	13K16	4	.5	25	170	.9	33.0	.5	1.08	.2	170	200
6223347	6253643	5	2005	53643	3643	0	20	683938	6089811	13K16	1	.5	300	177	.7	50.0	3.0	.98	.2	91	99
6223348	6253644	5	2005	53644	3644	0	20	683682	6088838	13K16	1	.5	25	96	1.0	26.0	.5	.65	.2	230	278
6223349	6253645	5	2005	53645	3645	0	20	686120	6089523	13K16	1	.5	100	110	.7	55.0	.5	.59	.3	77	95
6223351	6253646	5	2005	53646	3646	0	20	688655	6091006	13K16	3	.5	310	126	.6	67.0	3.0	1.05	.2	120	140
6223352	6253647	5	2005	53647	3647	0	21	309917	6093270	13J13	3	.5	510	111	.7	42.0	.5	1.33	.1	210	238
6223353	6253648	5	2005	53648	3648	0	20	688597	6091975	13K16	3	14.0	730	377	2.0	42.0	.5	1.25	.5	440	419
6223354	6253649	5	2005	53649	3649	0	20	686920	6091642	13K16	4	.5	3400	167	.9	63.0	.5	1.97	.3	220	184
6223355	6253650	5	2005	53650	3650	0	20	683631	6092328	13K16	4	.5	290	134	.9	42.0	5.0	1.56	.2	190	222
6223356	6253651	5	2005	53651	3651	0	20	681364	6092731	13K16	1	.5	220	171	.5	44.0	.5	.66	.1	99	116
6223357	6253652	5	2005	53652	3652	0	20	679639	6094064	13K16	7	.5	440	323	1.9	36.0	.5	1.19	.4	230	308
6223358	6253653	5	2005	53653	3653	0	20	675493	6097299	13K16	1	.5	320	197	.8	55.0	.5	.73	.4	120	139
6223359	6253654	5	2005	53654	3654	0	20	679481	6096713	13K16	4	.5	390	230	1.3	40.0	.5	.94	.5	220	289
6223361	6253655	5	2005	53655	3655	0	20	682000	6096573	13K16	1	.5	330	224	.8	50.0	.5	.80	.2	110	124
6223362	6253656	5	2005	53656	3656	0	20	683104	6096425	13K16	1	.5	25	140	1.2	32.0	.5	.62	.4	290	317
6223363	6253657	5	2005	53657	3657	0	20	682857	6095049	13K16	1	.5	300	169	.8	42.0	.5	1.14	.1	110	130
6223364	6253658	5	2005	53658	3658	0	20	684826	6094535	13K16	1	.5	25	138	.3	44.1	.5	.77	.1	56	61
6223365	6253659	5	2005	53659	3659	0	20	686076	6095366	13K16	8	.5	1260	528	1.8	53.1	.5	1.19	.4	432	336
6223366	6253660	5	2005	53660	3660	0	20	687931	6093932	13K16	1	.5	280	252	.8	48.6	.5	.66	.4	108	127
6223367	6253661	5	2005	53661	3661	1	20	688473	6095909	13K16	1	.5	25	195	.5	51.3	.5	.71	.1	75	82
6223368	6253662	5	2005	53662	3662	2	20	688473	6095909	13K16	2	.5	25	194	.5	53.1	.5	.68	.2	68	72
6223369	6253663	5	2005	53663	3663	0	20	686032	6097094	13K16	1	.5	300	194	.4	73.8	.5	.55	.1	58	59
6223371	6253664	5	2005	53664	3664	0	20	690518	6097443	13K16	1	.5	25	215	1.1	51.3	.5	.87	.3	171	210
6223372	6253665	5	2005	53665	3665	0	21	310311	6099251	13O04	3	.5	480	581	1.6	25.2	.5	1.60	.2	153	188
6223373	6253666	5	2005	53666	3666	0	21	308280	6099386	13O04	3	.5	190	145	1.3	56.7	.5	.67	.3	252	266
6223374	6253667	5	2005	53667	3667	0	21	309649	6105736	13O04	2	.5	25	98	1.2	53.1	.5	.56	.5	342	375
6223375	6253668	5	2005	53668	3668	0	21	309205	6104297	13O04	1	.5	25	165	.2	44.1	.5	.49	.1	48	54
6223376	6253669	5	2005	53669	3669	0	21	309150	6097264	13J13	2	.5	270	117	.4	63.9	.5	.65	.1	90	99
6223377	6253670	5	2005	53670	3670	0	21	308684	6095124	13J13	1	#NULL!	#NULL!	124	1.3	#NULL!	#NULL!	1.22	.3	#NULL!	416
6223378	6253671	5	2005	53671	3671	0	21	311073	6094171	13J13	2	.5	390	319	1.2	60.3	.5	1.00	.3	207	241
6223379	6253672	5	2005	53672	3672	0	21	311478	6095866	13J13	4	.5	560	566	1.4	23.4	.5	1.36	.2	171	224
6223381	6253673	5	2005	53673	3673	0	21	313104	6097668	13J13	3	.5	410	287	.5	63.9	.5	.76	.1	162	86
6223382	6253674	5	2005	53674	3674	0	21	312172	6095057	13J13	2	.5	180	424	1.1	51.3	.5	1.21	.1	153	186
6223383	6253675	5	2005	53675	3675	0	21	313746	6094222	13J13	3	.5	230	322	1.0	47.7	.5	1.16	.1	180	221
6223384	6253676	5	2005	53676	3676	0	21	310948	6092360	13J13	1	.5	410	715	1.3	6.7	2.0	1.96	.1	40	58
6223385	6253677	5	2005	53677	3677	0	21	312737	6091039	13J13	1	.5	480	438	.7	27.0	.5	1.25	.1	44	48
6223386	6253678	5	2005	53678	3678	0	21	309010	6089229	13J13	1	.5	230	234	.7	36.0	.5	.58	.2	70	186
6223387	6253679	5	2005	53679	3679	1	21	310876	6089055	13J13	1	.5	690	766	1.5	7.2	3.0	2.16	.2	89	131
6223388	6253680	5	2005	53680	3680	2	21	310876	6089055	13J13	2	.5	370	726	1.6	13.0	.5	2.14	.2	120	189
6223389	6253681	5	2005	53681	3681	0	21	313242	6089033	13J13	2	.5	320	262	.5	31.0	.5	1.43	.2	57	76
6223392	6253683	5	2005	53683	3683	0	21	313493	6087510	13J13	1	5.0	320	187	.6	31.0	.5	.89	.2	140	185
6223393	6253684	5	2005	53684	3684	0	21	310440	6087333	13J13	1	.5	350	448	1.2	21.0	.5	1.63	.4	170	248
6223394	6253685	5	2005	53685	3685	0	21	309643	6086901	13J13	2	.5	230	105	.2	31.0	.5	.55	.1	60	77
6223395	6253686	5	2005	53686	3686	0	21	311550	6085887	13J13	3	.5	25	189	.8	26.0	.5	.98	.4	270	366
6223396	6253687	5	2005	53687	3687	0	21	310027	6084968	13J13	15	.5	240	208	1.2	32.0	2.0	1.31	.6	150	197
6223397	6253688	5	2005	53688	3688	0	21	309685	6083787	13J13	1	.5	510	163	.4	23.0	.5	.80	.1	130	167
6223398	6253689	5	2005	53689	3689	0	21	307750	6082322	13J13	3	.5	25	243	.7	26.0	2.0	1.72	.3	40	51
6223399	6253690	5	2005	53690	3690	0	21	311323	6084091	13J13	1	.5	25	180	.6	31.0	.5	1.01	.2	150	180
6223401	6253691	5	2005	53691	3691	0	21	314391	6085513	13J13	3	.5	25	312	1.3	28.0	.5	1.18	.3	220	301
6223402	6253692	5	2005	53692	3692	0	21	317184	6087274	13J13	1	.5	25	85	.1	36.0	.5	.67	.1	42	60
6223403	6253693	5	2005	53693	3693	0	21	315615	6089195	13J13	4	8.0	520	551	1.5	19.0	.5	1.40	.2	160	242
6223404	6253694	5	2005	53694	3694	0	21	317673	6093084	13J13	1	.5	25	156	.5	36.0	.5	.88	.2	120	147

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	as2	au1	ba1	ba2	be2	br1	ca1	ca2	cd2	ce1	ce2
6223405	6253695	5	2005	53695	3695	0	21	319780	6094069	13J13	1	.5	270	242	.5	20.0	2.0	1.57	.1	34	40
6223406	6253696	5	2005	53696	3696	0	21	315106	6084105	13J13	3	.5	210	195	.4	44.0	2.0	.75	.1	51	61
6223407	6253697	5	2005	53697	3697	0	21	326710	6096336	13J13	12	.5	480	252	1.7	54.0	2.0	1.97	.4	89	132
6223408	6253698	5	2005	53698	3698	0	21	329503	6097556	13J13	3	8.0	350	260	1.0	30.0	.5	.78	.2	120	146
6223409	6253699	5	2005	53699	3699	1	21	335250	6094598	13J13	2	.5	420	559	1.7	13.0	2.0	1.73	.1	61	71
6223411	6253700	5	2005	53700	3700	2	21	335250	6094598	13J13	3	.5	560	584	1.8	13.0	2.0	1.80	.1	59	69
6223412	6253701	5	2005	53701	3701	0	21	336960	6095210	13J13	2	.5	540	650	2.0	5.1	2.0	1.52	.1	30	36
6223413	6253702	5	2005	53702	3702	0	21	339508	6095236	13J13	2	.5	270	185	.6	46.0	.5	.68	.1	61	57
6223414	6253703	5	2005	53703	3703	0	21	337931	6093364	13J13	5	.5	25	206	2.7	59.0	.5	.52	.7	350	385
6223415	6253704	5	2005	53704	3704	0	21	338267	6091938	13J13	4	.5	560	742	2.8	8.8	.5	1.95	.2	190	231
6223416	6253705	5	2005	53705	3705	0	21	336898	6089332	13J13	3	.5	370	341	2.0	46.0	.5	1.19	.2	170	195
6223417	6253706	5	2005	53706	3706	0	21	331804	6088391	13J13	1	.5	25	175	.7	63.0	.5	.49	.1	52	56
6223418	6253707	5	2005	53707	3707	0	21	331728	6083544	13J13	2	.5	320	501	1.5	25.0	.5	1.42	.1	94	86
6223419	6253708	5	2005	53708	3708	0	21	333737	6082809	13J13	2	.5	25	298	1.6	9.1	.5	.58	.1	160	160
6223421	6253709	5	2005	53709	3709	0	21	331117	6080264	13J13	4	.5	600	865	2.9	4.0	2.0	1.91	.2	110	194
6223422	6253710	5	2005	53710	3710	0	21	334924	6080589	13J13	3	.5	500	280	5.9	35.0	.5	.90	.5	790	849
6223423	6253711	5	2005	53711	3711	0	21	338880	6079165	13J13	1	.5	400	310	2.5	18.0	3.0	.88	.1	120	154
6223424	6253712	5	2005	53712	3712	0	21	338450	6077243	13J13	2	.5	330	96	9.2	22.0	.5	.30	.2	320	441
6223425	6253713	5	2005	53713	3713	0	21	335666	6078494	13J13	3	.5	400	320	1.8	25.0	.5	.91	.2	140	186
6223426	6253714	2	2005	23714	3714	0	21	332983	6079022	13J13	4	.5	590	518	2.3	10.0	.5	1.33	.1	150	189
6223427	6223715	2	2005	23715	3715	0	21	344766	6068493	13J11	1	.5	25	140	.6	21.0	.5	.66	.1	62	79
6223428	6223716	2	2005	23716	3716	0	21	347397	6068499	13J11	2	.5	310	176	1.2	56.0	.5	.42	.3	150	196
6223429	6223717	2	2005	23717	3717	0	21	350602	6068870	13J11	1	.5	25	47	.5	14.0	.5	.26	.1	42	55
6223431	6223718	2	2005	23718	3718	0	21	353518	6068921	13J11	1	.5	420	593	2.6	4.9	.5	2.36	.1	46	84
6223432	6223719	2	2005	23719	3719	1	21	354084	6067203	13J11	1	.5	350	102	.3	18.9	.5	.34	.1	45	57
6223433	6223720	2	2005	23720	3720	2	21	354084	6067203	13J11	1	.5	25	101	.3	18.9	.5	.34	.1	51	59
6223434	6223721	2	2005	23721	3721	0	21	359431	6068141	13J11	2	.5	25	237	4.2	42.3	.5	1.09	.3	180	268
6223435	6223722	2	2005	23722	3722	0	21	360588	6067714	13J11	1	4.0	390	301	1.2	25.2	.5	1.03	.2	79	105
6223436	6223723	2	2005	23723	3723	0	21	362205	6068667	13J11	3	.5	25	206	3.1	48.6	.5	1.15	.3	189	272
6223437	6223724	2	2005	23724	3724	0	21	363116	6068700	13J11	2	.5	640	693	2.0	6.9	3.0	2.14	.1	59	96
6223438	6223725	2	2005	23725	3725	0	21	365879	6068215	13J11	1	.5	25	310	1.5	24.3	.5	.99	.2	153	211
6223439	6223726	2	2005	23726	3726	0	21	370080	6066569	13J11	1	8.0	530	312	1.3	37.8	.5	.91	.4	153	218
6223441	6223727	2	2005	23727	3727	0	21	368698	6065492	13J11	1	.5	25	153	.6	21.6	.5	.51	.2	117	167
6223442	6223728	2	2005	23728	3728	0	21	367509	6064839	13J11	1	.5	25	123	.4	19.0	.5	.31	.2	89	117
6223443	6223729	2	2005	23729	3729	0	21	363211	6066267	13J11	1	.5	25	186	1.3	43.0	.5	.49	.6	180	259
6223444	6223730	2	2005	23730	3730	0	21	361265	6065300	13J11	1	.5	330	150	.6	38.0	3.0	.50	.3	95	127
6223445	6223731	2	2005	23731	3731	0	21	359885	6064421	13J11	2	7.0	25	173	1.0	51.0	.5	.58	.6	170	226
6223446	6223732	2	2005	23732	3732	0	21	357097	6063202	13J11	2	.5	25	141	.8	42.0	.5	.49	.3	100	137
6223447	6223733	2	2005	23733	3733	0	21	356560	6064560	13J11	3	.5	530	562	1.8	11.0	.5	1.90	.2	55	78
6223448	6223734	2	2005	23734	3734	0	21	354600	6064054	13J11	1	.5	590	225	5.0	31.0	.5	.69	.3	180	239
6223449	6223735	2	2005	23735	3735	0	21	348080	6064695	13J11	1	.5	450	127	2.7	21.0	.5	.57	.2	110	139
6223451	6223736	2	2005	23736	3736	0	21	347456	6066500	13J11	1	.5	400	126	2.8	26.0	.5	.45	.4	170	203
6223452	6223737	2	2005	23737	3737	0	21	345798	6067108	13J11	2	2.0	760	286	2.6	31.0	.5	1.15	.4	230	341
6223453	6223738	2	2005	23738	3738	0	21	342790	6066426	13J11	6	.5	810	735	3.5	4.8	.5	2.33	.3	175	220
6223454	6223739	2	2005	23739	3739	0	21	339910	6067577	13J11	3	.5	680	535	4.2	26.0	.5	1.49	.3	275	279
6223455	6223740	2	2005	23740	3740	1	21	340329	6064920	13J11	3	.5	690	581	4.3	18.0	.5	2.07	.3	100	114
6223456	6223741	2	2005	23741	3741	2	21	340329	6064920	13J11	1	.5	640	600	3.5	11.0	.5	2.17	.3	80	92
6223457	6223742	2	2005	23742	3742	0	21	339610	6061367	13J11	4	.5	620	357	2.7	33.0	.5	1.04	.4	225	230
6223458	6223743	2	2005	23743	3743	0	21	345491	6064098	13J11	1	.5	550	186	2.6	23.0	.5	.64	.3	195	185
6223459	6223744	2	2005	23744	3744	0	21	344077	6061230	13J11	4	.5	500	402	4.3	15.0	.5	1.09	.5	315	340
6223461	6223745	2	2005	23745	3745	0	21	344980	6060133	13J11	3	.5	300	376	1.0	16.0	.5	1.38	.2	66	68
6223462	6223746	2	2005	23746	3746	0	21	346018	6059102	13J11	1	.5	330	194	.5	25.0	.5	.66	.1	88	88
6223463	6223747	2	2005	23747	3747	0	21	355580	6058725	13J11	1	.5	450	286	1.8	12.0	.5	1.29	.3	205	222
6223464	6223748	2	2005	23748	3748	0	21	356240	6061170	13J11	1	1.0	820	871	2.3	3.3	2.0	2.67	.2	86	99
6223465	6223749	2	2005	23749	3749	0	21	359300	6060152	13J11	2	.5	650	450	1.6	25.2	.5	1.54	.3	383	360
6223466	6223750	2	2005	23750	3750	0	21	362031	6063183	13J11	1	.5	25	81	.1	31.5	.5	.46	.1	49	46
6223467	6223751	2	2005	23751	3751	0	21	365548	6063298	13J11	1	.5	25	115	.3	16.8	.5	.30	.1	110	99
6223468	6223752	2	2005	23752	3752	0	21	369470	6068058	13J11	4	.5	450	349	1.2	30.5	.5	1.28	.3	124	125
6223469	6223753	2	2005	23753	3753	0	21	370234	6063405	13J11	1	.5	430	431	1.1	20.0	.5	1.07	.1	135	145
6223471	6223754	2	2005	23754	3754	0	21	369639	6064296	13J11	1	.5	570	228	.7	27.3	.5	.66	.2	163	165
6223472	6223755	2	2005	23755	3755	0	21	368764	6062455	13J11	1	.5	740	670	1.9	.5	.5	2.13	.3	71	87
6223473	6223756	2	2005	23756	3756	0	21	367429	6060304	13J11	1	.5	450	335	1.2	15.8	3.0	1.24	.2	130	136
6223474	6223757	2	2005	23757	3757	0	21	369300	6058250	13J11	1	.5	550	572	1.8	7.9	.5	2.65	.2	63	72
6223475	6223758	2	2005	23758	3758	0	21	370416	6056598	13J11	1	.5	770	808	1.9	.5	2.0	2.00	.2	58	88
6223476	6223759	2	2005	23759	3759	1	21	367347	6057560	13J11	1	.5	25	200	.7	36.0	.5	.61	.4	110	116
6223477	6223760	2	2005	23760	3760	2	21	367347	6057560	13J11	2	.5	2200	231	.9	42.0	.5	.64	.5	150	171
6223478	6223761	2	2005	23761	3761	0	21	365795	6054669	13J11	1	.5	200	225	.7	18.0	.5	.63	.2	74	89
6223479	6223762	2	2005	23762	3762	0	21	364568	6056214	13J11	2	.5	590	444	1.6	18.0	.5	1.44	.2	90	138
6223481	6223763	2	2005	23763	3763	0	21	361969	6058200	13J11	1	13.0	25	112	.2	42.0	.5	.41	.2	39	45

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	as2	au1	ba1	ba2	be2	br1	ca1	ca2	cd2	ce1	ce2
6223482	6223764	2	2005	23764	3764	0	21	361018	6055867	13J11	1	.5	390	315	1.1	11.0	.5	.93	.1	120	151
6223483	6223765	2	2005	23765	3765	0	21	358938	6058061	13J11	3	.5	490	164	1.2	43.0	.5	.57	.4	250	329
6223484	6223766	2	2005	23766	3766	0	21	356822	6057792	13J11	2	.5	25	109	.3	11.0	.5	.29	.1	66	70
6223485	6223767	2	2005	23767	3767	0	21	357279	6055560	13J11	3	.5	640	881	2.3	.5	2.0	2.51	.1	41	82
6223486	6223768	2	2005	23768	3768	0	21	354556	6055699	13J11	1	.5	280	143	.4	8.5	.5	.39	.1	57	70
6223487	6223769	2	2005	23769	3769	0	21	349843	6056355	13J11	1	.5	25	215	.9	26.3	.5	.79	.3	137	168
6223488	6223770	2	2005	23770	3770	0	21	349471	6055314	13J11	1	.5	25	128	.4	22.0	.5	.42	.2	62	85
6223489	6223771	2	2005	23771	3771	0	21	346740	6055521	13J11	1	.5	25	111	.7	23.1	.5	.30	.1	189	249
6223491	6223772	2	2005	23772	3772	0	21	344733	6055628	13J11	1	.5	25	222	1.2	14.7	.5	.49	.4	347	436
6223492	6223773	2	2005	23773	3773	0	21	343012	6056552	13J11	1	.5	540	205	.9	16.8	.5	.51	.4	179	225
6223493	6223774	2	2005	23774	3774	0	21	339575	6059178	13J11	4	25.0	380	204	1.2	27.3	.5	.54	.3	200	257
6223494	6223775	2	2005	23775	3775	0	21	338996	6057692	13J11	3	.5	25	186	1.3	21.0	.5	.70	.4	252	370
6223495	6223776	2	2005	23776	3776	0	21	339732	6053808	13J11	1	.5	740	428	1.1	20.0	.5	1.12	.3	126	149
6223496	6223777	2	2005	23777	3777	0	21	339854	6052855	13J11	4	.5	190	154	.2	15.8	2.0	.38	.1	48	61
6223497	6223778	2	2005	23778	3778	0	21	343312	6053111	13J11	2	3.0	25	218	1.0	37.8	.5	.56	.4	252	292
6223498	6223779	2	2005	23779	3779	0	21	345625	6053577	13J11	3	.5	25	98	.3	13.3	.5	.30	.1	91	99
6223499	6253780	5	2005	53780	3780	0	21	333658	6077777	13J13	1	.5	25	157	1.1	31.5	.5	.49	.3	315	319
6223501	6253781	5	2005	53781	3781	0	21	332065	6077595	13J13	3	.5	25	199	2.6	43.4	.5	.67	.4	770	779
6223502	6253782	5	2005	53782	3782	0	21	332654	6076584	13J13	3	.5	420	229	2.4	42.0	.5	.80	.3	840	699
6223503	6253783	5	2005	53783	3783	0	21	335886	6075591	13J13	1	.5	490	383	2.8	20.3	.5	1.22	.2	154	188
6223504	6253784	5	2005	53784	3784	0	21	333802	6075414	13J13	17	.5	690	202	6.9	16.1	.5	.94	.3	1120	1016
6223505	6253785	5	2005	53785	3785	1	21	330347	6075471	13J13	2	.5	290	169	1.8	43.4	.5	.59	.4	294	335
6223506	6253786	5	2005	53786	3786	2	21	330347	6075471	13J13	3	8.0	25	224	2.5	39.9	.5	.76	.5	462	384
6223507	6253787	5	2005	53787	3787	0	21	331911	6073307	13J13	2	.5	25	117	1.6	35.7	.5	.46	.3	273	292
6223508	6253788	5	2005	53788	3788	0	21	333692	6072912	13J13	1	.5	210	125	.3	36.0	.5	.44	.2	128	116
6223509	6253789	5	2005	53789	3789	0	21	335107	6072954	13J13	8	.5	420	320	6.3	31.2	.5	1.04	.6	456	468
6223511	6253790	5	2005	53790	3790	0	21	334512	6072218	13J13	7	.5	25	131	1.9	31.2	.5	.38	.3	328	303
6223512	6253791	5	2005	53791	3791	0	21	337785	6071141	13J13	3	.5	540	606	3.3	10.4	2.0	1.96	.2	96	110
6223513	6253792	5	2005	53792	3792	0	21	337957	6073119	13J13	7	.5	400	179	2.9	44.0	.5	.68	.4	384	344
6223514	6253793	5	2005	53793	3793	0	21	325171	6083036	13J13	3	.5	240	164	1.7	46.4	.5	1.19	.4	160	153
6223515	6253794	5	2005	53794	3794	0	21	326582	6083950	13J13	3	.5	540	576	4.5	21.6	.5	1.67	.3	248	252
6223516	6253795	5	2005	53795	3795	0	21	325044	6084265	13J13	8	.5	340	344	1.8	23.2	3.0	.96	.5	120	118
6223517	6253796	5	2005	53796	3796	0	21	347865	6055514	13J11	1	.5	340	236	1.6	36.8	.5	.62	.4	480	447
6223518	6253797	5	2005	53797	3797	0	21	343609	6050759	13J11	1	.5	330	158	.4	18.4	.5	.47	.1	75	68
6223519	6253798	5	2005	53798	3798	0	21	346054	6051331	13J11	1	.5	130	165	.4	21.3	.5	.45	.2	76	92
6223521	6253799	5	2005	53799	3799	0	21	348305	6053030	13J11	1	.5	380	300	.8	10.2	2.0	1.01	.1	48	59
6223522	6253800	5	2005	53800	3800	0	21	350650	6052162	13J11	2	.5	25	109	.2	16.1	.5	.28	.1	65	85
6223523	6253801	5	2005	53801	3801	0	21	355425	6053316	13J11	1	.5	25	72	.3	7.1	.5	.19	.1	78	100
6223524	6253802	5	2005	53802	3802	0	21	355347	6052692	13J11	1	.5	25	240	.7	17.9	.5	.70	.1	94	123
6223525	6253803	5	2005	53803	3803	0	21	356342	6050220	13J11	1	.5	25	96	.5	14.4	.5	.31	.1	63	82
6223526	6253804	5	2005	53804	3804	0	21	361208	6053056	13J11	1	.5	25	73	.3	11.1	.5	.23	.1	47	54
6223527	6253805	5	2005	53805	3805	1	21	362355	6053650	13J11	1	.5	260	89	.2	11.9	.5	.25	.1	31	37
6223528	6253806	5	2005	53806	3806	2	21	362355	6053650	13J11	3	.5	25	78	.2	13.6	.5	.20	.1	33	37
6223529	6253807	5	2005	53807	3807	0	21	364240	6055037	13J11	1	.5	400	204	.8	23.8	.5	.49	.2	119	169
6223531	6253808	5	2005	53808	3808	0	21	370474	6053819	13J11	2	.5	520	874	2.0	2.4	.5	2.09	.2	39	67
6223532	6253809	5	2005	53809	3809	0	21	370550	6047272	13J11	3	.5	320	467	1.7	13.0	.5	1.11	.3	150	197
6223533	6253810	5	2005	53810	3810	0	21	370377	6045405	13J11	2	.5	25	214	1.0	26.0	.5	.74	.1	270	314
6223534	6253811	5	2005	53811	3811	0	21	363002	6046614	13J11	1	.5	270	216	.9	11.0	.5	.63	.1	42	48
6223535	6253812	5	2005	53812	3812	0	21	362209	6045456	13J11	1	.5	350	177	.9	23.0	.5	.56	.1	97	97
6223536	6253813	5	2005	53813	3813	0	21	361758	6044300	13J11	1	.5	170	268	.8	20.0	.5	.97	.2	90	130
6223537	6253814	5	2005	53814	3814	0	21	358342	6043432	13J11	2	.5	25	148	.8	33.0	.5	.54	.2	200	240
6223538	6253815	5	2005	53815	3815	0	21	357040	6044525	13J11	2	.5	560	767	2.1	.5	.5	2.23	.1	36	60
6223539	6253816	5	2005	53816	3816	0	21	349858	6047954	13J11	1	.5	25	70	.2	17.0	3.0	.21	.1	47	49
6223541	6253817	5	2005	53817	3817	0	21	347726	6043680	13J11	1	.5	25	66	.1	18.2	3.0	.18	.1	22	36
6223542	6253818	5	2005	53818	3818	0	21	343559	6044664	13J11	1	.5	340	247	1.1	26.6	.5	.68	.2	140	198

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	co1	co2	cr1	cr2	cs1	cu2	dy2	eu1	f9	fe1	fe2
6222633	6253000	5	2005	53000	3000	0	20	679921	6070025	13K09	9	9	17	21	.2	39	2.9	1.3	512	1.78	1.86
6222634	6253001	5	2005	53001	3001	0	20	678062	6069807	13K09	7	6	18	21	.2	38	3.6	1.3	197	1.37	1.22
6222635	6253002	5	2005	53002	3002	0	20	676113	6069185	13K09	7	7	14	19	.2	18	2.7	1.0	384	.64	.70
6222636	6253003	5	2005	53003	3003	0	20	673963	6069298	13K09	9	11	14	21	.2	29	2.8	.9	202	.87	.85
6222637	6253004	5	2005	53004	3004	0	20	672389	6068737	13K09	15	16	36	39	.2	25	3.3	1.1	207	1.29	1.30
6222638	6253005	2	2005	53005	3005	0	20	671007	6068263	13K09	3	2	18	12	.2	15	1.3	.3	119	.35	.28
6222639	6253006	2	2005	53006	3006	0	20	669772	6069566	13K09	17	16	50	52	.2	107	6.5	1.9	276	1.33	1.40
6222641	6253007	2	2005	53007	3007	0	20	667718	6067880	13K09	8	7	28	34	.2	47	2.7	.9	160	.80	.82
6222642	6253008	2	2005	53008	3008	0	20	665019	6067900	13K09	8	9	31	43	2.0	72	4.8	1.4	225	1.60	1.65
#NULL!	6273009	2	2005	73009	3009	0	20	665714	6065512	13K09	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!
6222644	6253010	2	2005	53010	3010	0	20	675399	6066307	13K09	15	20	54	62	3.0	24	4.4	1.2	566	3.58	4.06
6222645	6253011	5	2005	53011	3011	0	20	673721	6060620	13K09	25	23	28	40	.2	119	7.6	2.3	326	5.29	5.85
6222646	6253012	5	2005	53012	3012	0	20	676479	6061717	13K09	8	6	28	22	.2	21	5.0	.9	242	.58	.60
6222647	6253013	5	2005	53013	3013	0	20	676926	6063590	13K09	12	12	61	73	.2	73	4.8	1.6	285	2.05	1.93
6222648	6253014	5	2005	53014	3014	0	20	679818	6062633	13K09	7	7	46	61	2.0	72	3.1	.7	132	.56	.68
6222649	6253015	5	2005	53015	3015	0	20	680570	6062187	13K09	5	5	25	18	.2	29	9.9	1.5	216	.49	.46
6222651	6253016	5	2005	53016	3016	0	20	681408	6062898	13K09	15	15	37	50	2.0	77	77.9	5.3	917	2.40	3.04
6222652	6253017	5	2005	53017	3017	0	20	683098	6063698	13K09	12	8	10	29	.2	75	82.2	9.2	990	2.36	2.89
6222653	6253018	5	2005	53018	3018	0	20	683596	6065217	13K09	10	10	19	27	.2	27	42.5	5.6	504	1.14	1.13
6222654	6253019	5	2005	53019	3019	1	20	686691	6065038	13K09	7	5	19	24	.2	13	8.2	1.9	282	1.25	1.20
6222655	6253020	5	2005	53020	3020	2	20	686691	6065038	13K09	7	6	23	23	2.0	14	9.5	2.0	267	1.04	1.06
6222656	6253021	5	2005	53021	3021	0	20	687332	6066450	13K09	1	3	7	10	.2	34	8.6	2.4	136	.40	.25
6222657	6253022	5	2005	53022	3022	0	20	688951	6066554	13K09	16	17	48	53	4.0	17	5.2	1.4	483	3.01	3.23
6222658	6253023	5	2005	53023	3023	0	20	689781	6068976	13K09	7	6	29	29	.2	26	2.5	.8	184	1.01	.92
6222659	6253024	5	2005	53024	3024	0	21	308060	6073660	13J13	108	101	31	40	2.0	224	10.4	3.6	507	5.33	6.01
6222661	6253025	5	2005	53025	3025	0	21	308666	6075111	13J13	66	61	44	53	.2	199	10.8	3.2	405	7.68	9.32
6222662	6253026	5	2005	53026	3026	0	21	307144	6074900	13J13	17	17	25	27	.2	71	2.8	1.0	212	1.24	1.33
6222663	6253027	5	2005	53027	3027	0	21	309497	6078298	13J13	8	10	22	27	.2	50	4.1	1.4	391	1.22	1.28
6222664	6253028	5	2005	53028	3028	0	21	311603	6078264	13J13	4	4	12	13	.2	29	2.8	1.2	163	.56	.50
6222665	6253029	5	2005	53029	3029	0	21	312764	6077794	13J13	8	9	30	33	.2	23	3.0	1.1	267	1.63	1.61
6222666	6253030	5	2005	53030	3030	0	21	315113	6078341	13J13	3	3	18	17	.2	25	2.1	1.0	143	.67	.56
6222667	6253031	5	2005	53031	3031	0	21	316529	6079976	13J13	5	6	8	18	.2	52	4.9	1.9	211	.64	.81
6222668	6253032	5	2005	53032	3032	0	21	317652	6079979	13J13	18	20	47	66	2.0	35	6.6	1.5	510	3.67	4.56
6222669	6253033	5	2005	53033	3033	0	21	321324	6080718	13J13	13	16	47	56	2.0	24	3.9	1.0	450	2.47	3.06
6222671	6253034	5	2005	53034	3034	0	21	323560	6083824	13J13	27	31	39	50	.2	58	10.2	2.1	390	3.88	5.03
6222731	6253035	5	2005	53035	3035	0	21	322636	6085487	13J13	1	3	14	17	.2	68	5.7	1.1	102	.45	.57
6222732	6253036	5	2005	53036	3036	0	21	319640	6088135	13J13	30	37	39	64	.2	71	6.5	1.5	397	3.44	4.87
6222733	6253037	5	2005	53037	3037	0	21	318469	6089079	13J13	16	23	42	74	2.0	36	5.3	1.1	420	3.19	4.84
6222734	6253038	5	2005	53038	3038	0	21	321691	6089769	13J13	11	12	26	35	.2	37	3.1	1.0	213	1.98	2.52
6222735	6253039	5	2005	53039	3039	1	20	689554	6065230	13K09	1	2	2	7	.2	17	8.4	.2	87	.10	.14
6222736	6253040	5	2005	53040	3040	2	20	689554	6065230	13K09	4	2	2	8	2.0	20	9.4	2.0	89	.10	.16
6222737	6253041	2	2005	53041	3041	0	20	686966	6063240	13K09	3	5	29	23	2.0	10	2.7	.8	159	.89	.99
6222738	6253042	5	2005	53042	3042	0	20	686600	6062150	13K09	2	1	5	5	.2	7	3.0	.7	76	.22	.19
6222739	6253043	5	2005	53043	3043	0	20	685187	6063410	13K09	5	6	29	33	.2	44	27.3	4.4	347	.80	1.03
6222741	6253044	5	2005	53044	3044	0	20	683465	6062721	13K09	3	2	2	9	.2	13	4.9	1.5	135	.40	.35
6222742	6253045	5	2005	53045	3045	0	20	682063	6061387	13K09	7	8	34	19	.2	46	20.6	4.9	620	2.68	3.49
6222743	6253046	5	2005	53046	3046	0	20	677933	6058933	13K09	3	5	19	24	.2	15	9.0	1.3	171	.84	1.03
6222744	6253047	5	2005	53047	3047	0	20	675001	6059621	13K09	13	13	26	23	.2	90	3.7	1.5	156	1.59	1.69
6222745	6253048	5	2005	53048	3048	0	20	674315	6057819	13K09	46	49	46	50	.2	71	28.9	5.2	234	4.77	5.86
6222746	6253049	5	2005	53049	3049	0	20	671144	6055706	13K09	34	32	61	50	2.0	20	7.0	1.5	225	4.40	5.14
6222747	6253050	5	2005	53050	3050	0	20	669441	6053988	13K09	8	8	43	24	.2	51	19.5	5.9	752	1.36	1.58
6222748	6253051	5	2005	53051	3051	0	20	667050	6053315	13K09	17	17	50	38	.2	20	5.6	1.5	152	6.49	7.87
6222749	6253052	5	2005	53052	3052	0	20	665955	6052537	13K09	6	10	47	40	2.0	10	3.8	1.2	208	1.67	1.94
6222751	6253053	5	2005	53053	3053	0	20	666986	6051916	13K09	23	24	42	37	.2	52	16.7	2.3	334	5.47	6.55
6222752	6253054	5	2005	53054	3054	0	20	670191	6052270	13K09	13	14	62	49	.2	18	5.2	1.3	170	1.99	2.29
6222753	6253055	5	2005	53055	3055	0	20	671380	6052629	13K09	5	8	54	38	2.0	13	4.9	1.6	265	1.51	1.60
6222754	6253056	5	2005	53056	3056	0	20	673571	6053753	13K09	11	12	47	35	2.0	21	5.8	1.8	236	1.44	1.59
6222755	6253057	5	2005	53057	3057	0	20	675061	6054621	13K09	4	6	48	36	.2	10	2.6	.9	155	.87	1.07
6222756	6253058	5	2005	53058	3058	0	20	676345	6056223	13K09	4	3	20	18	.2	11	5.3	1.3	98	.43	.49
6222757	6253059	5	2005	53059	3059	1	20	677639	6056753	13K09	5	7	92	60	2.0	17	6.2	1.4	155	.67	.79
6222758	6253060	5	2005	53060	3060	2	20	677639	6056753	13K09	7	8	150	85	.2	19	6.5	1.6	180	.82	1.25
6222759	6253061	5	2005	53061	3061	0	20	680537	6058283	13K09	8	11	48	38	2.0	18	7.1	1.8	272	1.73	2.07
6222761	6253062	5	2005	53062	3062	0	20	681235	6059168	13K09	11	10	35	29	1.0	24	8.9	2.1	261	1.55	1.61
6222762	6253063	5	2005	53063	3063	0	20	683575	6059447	13K09	15	19	83	78	2.0	23	5.0	1.6	611	3.69	4.56
6222763	6253064	5	2005	53064	3064	0	20	686817	6058965	13K09	1	2	2	10	.2	28	8.0	1.2	111	.31	.35
6222764	6253065	5	2005	53065	3065	0	20	689884	6059286	13K09	4	5	24	23	.2	18	3.7	.8	138	.84	.85
6222765	6253066	5	2005	53066	3066	0	20	690527	6061452	13K09	3	4	24	15	.2	12	3.2	.9	103	.58	.55
6222766	6253067	5	2005	53067	3067	0	20	692150	6063132	13K09	1	5	63	44	3.0	83	20.6	4.6	187	1.06	1.61
6222767	6253068	5	2005	53068	3068	0	21	308544	6065178	13J12	40	48	179	190	.2	170	32.6	2.9	226	3.42	4.91

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	co1	co2	cr1	cr2	cs1	cu2	dy2	eu1	f9	fe1	fe2
6222768	6253069	5	2005	53069	3069	0	21	309237	6065177	13J12	9	9	85	80	.2	68	24.0	1.8	496	1.17	1.67
6222769	6253070	5	2005	53070	3070	0	21	308647	6065639	13J12	66	76	54	47	.2	308	25.4	2.1	146	2.24	3.04
6222771	6253071	5	2005	53071	3071	0	21	308633	6066105	13J12	111	110	153	145	.2	386	17.5	1.7	506	7.48	9.74
6222772	6253072	5	2005	53072	3072	0	21	306934	6066457	13J12	8	9	119	71	.2	73	24.2	1.4	432	.72	.97
6222773	6253073	5	2005	53073	3073	0	21	308367	6068111	13J12	1	2	26	16	.2	50	16.3	.2	219	.39	.25
6222774	6253074	5	2005	53074	3074	0	21	311204	6074351	13J13	1	4	29	25	.2	54	4.8	1.4	489	.39	.54
6222775	6253075	5	2005	53075	3075	0	21	312985	6074002	13J13	37	44	50	56	.2	69	13.2	2.2	656	6.25	8.34
6222776	6253076	5	2005	53076	3076	0	21	314763	6075664	13J13	23	28	60	62	.2	67	12.9	2.0	638	5.92	8.07
6222777	6253077	5	2005	53077	3077	0	21	312611	6076460	13J13	5	6	32	24	.2	10	2.2	1.0	176	1.08	1.23
6222778	6253078	5	2005	53078	3078	0	21	311664	6076972	13J13	6	6	14	20	.2	19	2.2	.2	149	.81	1.03
6222779	6253079	5	2005	53079	3079	0	21	322134	6078120	13J13	1	2	16	14	.2	28	24.5	3.2	677	.56	.60
6222781	6253080	5	2005	53080	3080	1	21	324735	6077854	13J13	72	82	25	21	.2	33	20.7	3.3	664	8.03	10.99
6222782	6253081	5	2005	53081	3081	2	21	324735	6077854	13J13	15	19	44	26	.2	48	21.6	3.2	615	3.33	4.50
6222783	6253082	5	2005	53082	3082	0	21	323021	6080305	13J13	23	31	41	42	.2	13	8.0	1.4	438	3.56	5.03
6222843	6253083	5	2005	53083	3083	0	21	325673	6081190	13J13	5	10	20	28	1.0	8	5.7	.9	308	1.40	1.95
6222844	6253084	5	2005	53084	3084	0	20	685924	6057529	13K09	3	3	19	16	1.0	9	1.7	.4	75	.44	.42
6222845	6253085	5	2005	53085	3085	0	20	683320	6056995	13K09	13	14	21	34	.2	41	16.2	2.8	312	3.17	3.73
6222846	6253086	5	2005	53086	3086	0	20	682781	6055589	13K09	15	16	37	36	3.0	14	6.4	1.4	212	3.39	3.84
6222847	6253087	5	2005	53087	3087	0	20	681180	6055053	13K09	7	7	36	42	.2	26	7.7	1.3	440	1.35	1.45
6222848	6253088	5	2005	53088	3088	0	20	678714	6054636	13K09	5	4	12	11	.2	13	2.8	.6	94	.47	.45
6222849	6253089	5	2005	53089	3089	0	20	679002	6053025	13K09	3	3	2	16	.2	14	2.4	.6	86	.54	.52
6222851	6253090	5	2005	53090	3090	0	20	677816	6052425	13K09	3	4	11	15	3.0	9	1.8	.3	116	.69	.79
6222852	6253091	5	2005	53091	3091	0	20	677523	6051548	13K09	7	6	20	22	1.0	39	6.6	1.5	215	1.16	1.20
6222853	6253092	5	2005	53092	3092	0	20	673976	6050626	13K09	13	14	38	44	3.0	69	9.0	1.7	533	2.62	3.00
6222854	6253093	5	2005	53093	3093	0	20	673686	6051233	13K09	5	7	29	28	.2	29	7.6	1.4	140	1.27	1.54
6222855	6253094	5	2005	53094	3094	0	20	669333	6048161	13K09	14	12	36	33	.2	35	8.2	1.7	272	4.09	4.48
6222856	6253095	5	2005	53095	3095	0	20	668985	6049495	13K09	20	18	26	32	2.0	26	6.8	1.5	170	3.17	3.29
6222857	6253096	5	2005	53096	3096	0	20	667466	6049870	13K09	1	3	26	19	.2	18	2.9	.7	108	.49	.51
6222858	6253097	5	2005	53097	3097	0	20	665328	6048731	13K09	5	4	18	26	.2	22	4.7	1.3	105	.67	.68
6222859	6253098	5	2005	53098	3098	0	20	662010	6045969	13K09	3	3	29	20	.2	10	2.4	.6	80	.73	.67
6222861	6253099	5	2005	53099	3099	1	20	663582	6044773	13K09	4	4	19	25	.2	18	2.4	.5	79	.63	.66
6222862	6253100	5	2005	53100	3100	2	20	663582	6044773	13K09	4	4	19	23	2.0	18	2.0	.5	94	.54	.59
6222863	6253101	5	2005	53101	3101	0	20	662616	6043115	13K09	10	9	38	40	2.0	67	9.4	2.1	289	1.45	1.59
6222864	6253102	5	2005	53102	3102	0	20	663537	6042495	13K09	9	9	35	30	.2	26	7.7	1.3	219	1.58	1.77
6222865	6253103	5	2005	53103	3103	0	20	667043	6042085	13K09	4	4	28	21	.2	39	7.6	1.6	143	.58	.57
6222866	6253104	5	2005	53104	3104	0	20	665852	6045837	13K09	5	6	20	26	.2	29	7.5	1.7	139	.64	.84
6222867	6253105	5	2005	53105	3105	0	20	666805	6046499	13K09	4	4	35	37	.2	28	6.6	1.6	172	1.17	1.35
6222868	6253106	5	2005	53106	3106	0	20	669676	6046371	13K09	5	4	13	18	.2	25	6.2	1.3	164	.49	.61
6222869	6253107	5	2005	53107	3107	0	20	671268	6047092	13K09	4	4	15	18	.2	24	8.7	1.7	197	.75	.89
6222871	6253108	5	2005	53108	3108	0	20	672384	6048997	13K09	23	23	32	36	1.0	31	9.5	1.8	190	3.47	4.27
6222872	6253109	5	2005	53109	3109	0	20	673471	6048811	13K09	14	14	31	33	1.0	13	4.3	.9	210	1.90	2.31
6222873	6253110	5	2005	53110	3110	0	20	678636	6050703	13K09	1	3	19	17	.2	13	2.7	.5	86	.44	.54
6222874	6253111	5	2005	53111	3111	0	20	681208	6052741	13K09	22	23	31	40	.2	42	9.0	1.9	389	3.76	4.64
6222875	6253112	5	2005	53112	3112	0	20	682293	6052755	13K09	1	2	2	9	.2	14	1.7	.2	64	.38	.30
6222876	6253113	5	2005	53113	3113	0	20	683440	6055295	13K09	4	3	15	16	.2	27	7.1	1.6	256	.68	.71
6222877	6253114	5	2005	53114	3114	0	20	685156	6055145	13K09	4	3	2	16	.2	20	6.6	1.4	93	.79	.69
6222878	6253115	5	2005	53115	3115	0	20	686369	6056481	13K09	4	7	27	28	4.0	12	3.1	1.0	189	1.31	1.38
6222879	6253116	5	2005	53116	3116	0	20	687385	6055364	13K09	6	5	8	12	1.0	20	6.1	1.3	61	.38	.33
6222881	6253117	5	2005	53117	3117	0	20	688196	6055562	13K09	8	8	20	20	2.0	18	5.3	1.1	138	1.56	1.71
6222882	6253118	5	2005	53118	3118	0	20	689533	6056655	13K09	15	13	17	19	.2	22	10.3	2.1	120	2.02	2.01
6222883	6253119	5	2005	53119	3119	1	20	691389	6057871	13K09	3	4	17	14	.2	17	4.0	.8	105	.58	.61
6222884	6253120	5	2005	53120	3120	2	20	691389	6057871	13K09	3	3	12	13	.2	15	4.0	.5	84	.60	.53
6222885	6253121	5	2005	53121	3121	0	20	691863	6059092	13K09	9	7	22	22	.2	30	4.7	1.7	100	1.42	1.41
6222886	6253122	5	2005	53122	3122	0	21	306804	6060884	13J12	15	17	64	55	2.0	42	8.8	2.8	408	3.28	3.37
6222887	6253123	5	2005	53123	3123	0	21	308335	6062720	13J12	4	5	27	19	.2	10	2.4	.6	97	1.30	1.14
6222888	6253124	5	2005	53124	3124	0	21	311709	6064889	13J12	3	2	2	7	.2	15	5.9	1.5	54	.30	.24
6222889	6253125	5	2005	53125	3125	0	21	311992	6066067	13J12	5	4	19	17	.2	10	3.0	.7	115	.85	.83
6222891	6253126	5	2005	53126	3126	0	21	313847	6065880	13J12	6	6	13	15	.2	19	3.6	.9	153	1.05	1.04
6222892	6253127	5	2005	53127	3127	0	21	316897	6068091	13J12	11	12	2	15	.2	48	6.0	1.4	55	1.56	1.77
6222893	6253128	5	2005	53128	3128	0	21	315411	6068652	13J12	4	4	2	11	.2	45	16.1	3.0	131	.69	.68
6222894	6253129	5	2005	53129	3129	0	21	323935	6083135	13J13	16	19	35	45	.2	80	11.4	2.2	195	2.55	3.00
6222895	6253130	5	2005	53130	3130	0	21	327471	6085709	13J13	6	9	24	29	.2	9	5.1	.9	243	1.64	2.21
6222896	6253131	5	2005	53131	3131	0	21	326094	6084728	13J13	10	14	47	53	1.0	15	4.9	.9	358	2.72	3.26
6222897	6253132	5	2005	53132	3132	0	20	687673	6052018	13K09	5	6	21	18	2.0	11	2.2	.6	170	1.05	1.06
6223016	6253133	5	2005	53133	3133	0	20	687980	6050405	13K09	3	3	14	12	.2	23	2.9	.7	112	.45	.48
6223017	6253134	5	2005	53134	3134	0	20	685579	6049870	13K09	3	3	2	9	1.0	15	2.9	.5	72	.32	.33
6223018	6253135	5	2005	53135	3135	0	20	684231	6049642	13K09	3	2	9	8	.2	14	3.5	.2	126	.39	.29
6223019	6253136	5	2005	53136	3136	0	20	682485	6049637	13K09	12	15	32	32	2.0	37	6.7	1.2	334	2.59	3.41
6223021	6253137	5	2005	53137	3137	0	20	680600	6047921	13K09	4	8	26	21	1.0	11	2.7	.9	171	1.01	1.33

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	co1	co2	cr1	cr2	cs1	cu2	dy2	eu1	f9	fe1	fe2
6223022	6253138	5	2005	53138	3138	0	20	676280	6047613	13K09	3	3	9	9	.2	16	5.0	1.0	99	.52	.38
6223023	6253139	5	2005	53139	3139	1	20	676615	6047059	13K09	3	3	2	10	.2	15	3.4	.5	105	.47	.51
6223024	6253140	5	2005	53140	3140	2	20	676615	6047059	13K09	4	4	9	10	.2	14	3.3	.6	106	.52	.58
6223025	6253141	5	2005	53141	3141	0	20	676285	6045723	13K09	15	23	33	25	.2	38	13.7	2.2	466	2.61	3.45
6223026	6253142	5	2005	53142	3142	0	20	675173	6043594	13K09	10	16	41	41	2.0	27	5.9	1.4	454	2.99	3.81
6223027	6253143	5	2005	53143	3143	0	20	673063	6042900	13K09	3	4	14	11	.2	34	11.0	1.4	125	.33	.37
6223028	6253144	5	2005	53144	3144	0	20	670219	6042295	13K09	4	4	24	22	.2	44	7.9	1.3	79	.66	.93
6223029	6253145	5	2005	53145	3145	0	20	678640	6046050	13K09	4	6	20	16	.2	20	5.0	1.0	199	.69	.84
6223031	6253146	5	2005	53146	3146	0	20	683482	6046450	13K09	7	6	23	20	.2	24	4.5	.7	186	.75	.90
6223032	6253147	5	2005	53147	3147	0	20	683510	6047251	13K09	3	4	15	21	.2	33	6.8	1.3	128	.69	.82
6223033	6253148	5	2005	53148	3148	0	20	684665	6047702	13K09	14	20	14	30	.2	71	15.4	3.2	225	4.05	4.76
6223034	6253149	5	2005	53149	3149	0	20	686977	6048459	13K09	11	19	8	25	.2	51	10.1	1.8	213	5.07	6.08
6223035	6253150	5	2005	53150	3150	0	20	688240	6048884	13K09	5	6	13	17	.2	31	8.0	1.8	114	1.04	1.20
6223036	6253151	5	2005	53151	3151	0	20	692385	6044991	13K09	9	16	38	41	4.0	16	3.9	.8	508	2.74	3.55
6223037	6253152	5	2005	53152	3152	0	20	690319	6044429	13K09	7	11	20	25	2.0	26	4.6	1.1	256	1.46	1.87
6223038	6253153	5	2005	53153	3153	0	20	688270	6044290	13K09	8	11	16	14	.2	25	5.5	1.5	159	1.14	1.44
6222672	6253154	5	2005	53154	3154	0	20	687089	6044551	13K09	1	2	2	7	.2	12	2.4	.5	167	.33	.38
6222673	6253155	5	2005	53155	3155	0	20	684270	6043711	13K09	7	6	14	21	.2	22	4.4	.9	334	.97	1.21
6222674	6253156	5	2005	53156	3156	0	20	682626	6043126	13K09	7	8	19	19	2.0	36	8.1	2.0	253	1.98	2.40
6222675	6253157	5	2005	53157	3157	0	20	687479	6046044	13K09	4	3	2	10	.2	16	2.3	.7	187	.47	.52
6222676	6253158	5	2005	53158	3158	0	20	690829	6046027	13K09	7	7	7	9	.2	22	3.6	.8	91	.43	.51
6222677	6253159	5	2005	53159	3159	0	20	692318	6046886	13K09	10	13	34	35	3.0	21	3.2	.9	367	2.48	3.04
6222678	6253160	5	2005	53160	3160	1	20	691737	6049333	13K09	6	8	25	31	.2	24	5.6	1.5	261	2.19	2.47
6222679	6253161	5	2005	53161	3161	2	20	691737	6049333	13K09	7	9	20	32	1.0	26	5.8	1.5	293	2.21	2.54
6222681	6253162	5	2005	53162	3162	0	20	690172	6049777	13K09	6	6	16	25	.2	38	5.1	1.2	140	1.38	1.78
6222682	6253163	5	2005	53163	3163	0	20	690949	6051222	13K09	12	14	22	29	1.0	12	3.3	1.0	247	2.80	3.19
6222683	6253164	5	2005	53164	3164	0	20	691882	6051353	13K09	5	6	12	19	2.0	14	3.7	1.0	207	1.09	1.19
6222684	6253165	5	2005	53165	3165	0	20	692491	6053576	13K09	3	4	7	14	.2	14	7.8	1.7	182	1.12	1.18
6222685	6253166	5	2005	53166	3166	0	20	691302	6053343	13K09	4	5	13	19	.2	12	3.5	1.0	149	1.04	1.13
6222686	6253167	5	2005	53167	3167	0	20	690012	6054901	13K09	35	36	22	33	.2	65	12.9	2.3	106	5.25	6.47
6222687	6253168	5	2005	53168	3168	0	20	692375	6055807	13K09	9	9	21	21	.2	24	9.5	1.9	127	2.82	3.31
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6222689	6253170	5	2005	53170	3170	0	21	309398	6060052	13J12	4	2	11	6	.2	18	5.2	1.0	122	.47	.36
6222691	6253171	5	2005	53171	3171	0	21	310466	6062149	13J12	1	3	11	15	.2	33	4.5	1.2	222	.62	.50
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6222693	6253173	5	2005	53173	3173	0	21	321771	6070377	13J13	13	13	23	20	.2	45	8.8	2.3	513	2.89	3.33
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6222696	6253176	5	2005	53176	3176	0	21	324963	6073921	13J13	1	5	2	7	.2	22	86.1	10.3	319	1.55	2.04
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6222698	6253178	5	2005	53178	3178	0	21	326077	6077858	13J13	5	2	2	6	.2	5	1.7	.2	93	.56	.41
6222699	6253179	5	2005	53179	3179	0	21	325980	6080047	13J13	5	6	14	16	.2	12	3.9	.9	185	.90	.86
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6222703	6253182	5	2005	53182	3182	0	21	312055	6061972	13J12	22	25	14	25	.2	34	11.9	2.0	221	2.69	3.26
6222704	6253183	5	2005	53183	3183	0	21	310790	6060170	13J12	9	10	17	25	.2	29	13.5	2.1	337	2.30	2.90
6222705	6253184	5	2005	53184	3184	0	21	311170	6059084	13J12	9	21	24	52	.2	24	8.4	.9	503	2.67	4.56
6222706	6253185	5	2005	53185	3185	0	21	309039	6058804	13J12	6	4	21	21	.2	40	10.0	1.4	161	.44	.47
6222707	6253186	5	2005	53186	3186	0	21	311119	6055373	13J12	1	2	2	8	.2	13	2.8	.4	70	.36	.33
6222708	6253187	5	2005	53187	3187	0	21	308794	6053300	13J12	14	8	40	12	.2	63	11.3	3.1	131	10.80	10.87
6222709	6253188	5	2005	53188	3188	0	21	308412	6053117	13J12	7	6	31	21	.2	11	4.7	1.0	180	1.72	1.99
6222711	6253189	5	2005	53189	3189	0	21	307163	6052180	13J12	5	6	2	17	.2	16	5.3	1.1	166	.96	1.12
6222712	6253190	5	2005	53190	3190	0	21	306395	6051420	13J12	16	17	15	24	.2	24	9.6	2.1	253	3.03	3.53
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6222715	6253193	5	2005	53193	3193	0	21	308052	6051865	13J12	18	13	2	10	.2	21	7.8	2.5	79	24.80	26.47
6222716	6253194	5	2005	53194	3194	0	21	309689	6051359	13J12	30	28	98	113	.2	56	18.2	2.8	112	5.14	5.66
6222717	6253195	5	2005	53195	3195	0	21	311453	6052585	13J12	4	4	34	47	.2	30	7.7	1.5	70	.68	.61
6222718	6253196	5	2005	53196	3196	0	21	311243	6053592	13J12	45	51	21	30	.2	77	24.7	3.4	190	8.50	12.23
6222719	6253197	5	2005	53197	3197	0	21	312676	6054581	13J12	8	8	23	20	.2	14	7.2	1.5	176	1.85	1.97
6222721	6253198	5	2005	53198	3198	0	21	314786	6056099	13J12	9	11	13	32	.2	24	7.0	1.8	85	.82	2.49
6222722	6253199	5	2005	53199	3199	1	21	313635	6057521	13J12	7	5	25	15	2.0	67	3.3	1.3	390	1.97	.61
6222723	6253200	5	2005	53200	3200	2	21	313535	6057484	13J12	7	11	22	32	.2	18	6.3	1.3	338	1.69	2.28
6222724	6253201	5	2005	53201	3201	0	21	314785	6058726	13J12	6	7	14	19	.2	14	4.0	.8	168	1.01	1.07
6222725	6253202	5	2005	53202	3202	0	21	314117	6059843	13J12	14	15	14	29	.2	64	19.0	2.6	189	3.90	5.06
6222726	6253203	5	2005	53203	3203	0	21	316363	6060814	13J12	9	9	10	22	.2	19	12.3	2.2	167	1.62	1.86
6222727	6253204	5	2005	53204	3204	0	21	315129	6062422	13J12	4	3	16	14	.2	47	7.5	1.8	92	.31	.31
6222728	6253205	5	2005	53205	3205	0	21	316160	6063730	13J12	4	2	2	16	.2	30	4.8	1.4	98	.29	.23
6222729	6253206	5	2005	53206	3206	0	21	315674	6064516	13J12	4	4	17	21	.2	24	3.6	.6	116	.48	.47

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6222785	6253208	5	2005	53208	3208	0	21	320299	6066280	13J12	1	2	14	12	.2	16	2.4	1.2	46	.50	.52
6222786	6253209	5	2005	53209	3209	0	21	320141	6067659	13J12	68	74	43	43	.2	79	13.0	3.7	326	8.56	11.68
6222787	6253210	5	2005	53210	3210	0	21	322389	6068734	13J12	24	27	19	17	.2	16	6.8	2.0	241	4.82	5.97
6222788	6253211	5	2005	53211	3211	0	21	323618	6069081	13J12	6	5	25	16	.2	32	6.1	1.6	111	1.29	1.70
6222789	6253212	5	2005	53212	3212	0	21	326434	6070935	13J13	9	11	14	18	.2	55	19.9	4.3	265	3.39	4.69
6222791	6253213	5	2005	53213	3213	0	21	328089	6072308	13J13	19	20	19	20	.2	59	20.1	4.4	369	3.23	4.42
6222792	6253214	5	2005	53214	3214	0	21	329529	6072919	13J13	10	13	10	16	.2	26	16.8	2.9	211	4.04	4.77
6222793	6253215	5	2005	53215	3215	0	21	327058	6075343	13J13	9	6	8	11	.2	25	28.2	4.5	495	2.08	2.34
6222794	6253216	5	2005	53216	3216	0	21	328850	6077242	13J13	8	6	10	9	.2	16	12.5	2.2	354	1.31	1.64
6222795	6253217	5	2005	53217	3217	0	21	328580	6079823	13J13	5	4	17	8	.2	14	9.2	1.4	151	.49	.70
6222796	6253218	5	2005	53218	3218	0	21	329064	6083475	13J13	11	16	37	31	.2	21	9.6	1.6	323	3.12	4.09
6222797	6253219	5	2005	53219	3219	0	21	331022	6086943	13J13	1	4	14	15	.2	42	7.5	1.2	127	1.08	1.30
6222799	6253221	5	2005	53221	3221	0	21	331931	6086890	13J13	1	4	30	18	.2	42	11.8	2.1	396	1.73	2.08
6222801	6253222	5	2005	53222	3222	0	21	333300	6087840	13J13	5	7	21	15	.2	12	5.0	.9	288	1.66	1.99
6222802	6253223	5	2005	53223	3223	0	21	333761	6088460	13J13	6	11	33	25	.2	20	6.4	1.3	267	1.85	2.62
6222803	6253224	5	2005	53224	3224	0	21	334100	6091383	13J13	41	47	41	37	.2	37	13.0	2.1	303	6.83	9.08
6222804	6253225	5	2005	53225	3225	0	21	330664	6090383	13J13	1	4	16	15	.2	19	2.4	.2	164	.63	.67
6222805	6253226	5	2005	53226	3226	0	21	329765	6089489	13J13	1	3	32	17	.2	28	4.7	1.5	102	.76	.78
6222806	6253227	5	2005	53227	3227	0	21	328607	6089250	13J13	3	5	19	14	2.0	10	1.6	.6	158	.76	.95
6222807	6253228	5	2005	53228	3228	0	21	321768	6066090	13J12	12	12	50	45	.2	45	9.8	2.4	173	3.56	4.79
6222808	6253229	5	2005	53229	3229	0	21	320631	6063480	13J12	5	4	28	29	.2	34	2.1	.4	44	.25	.25
6222809	6253230	5	2005	53230	3230	0	21	319088	6063477	13J12	8	8	54	58	.2	24	5.8	1.6	128	.96	1.20
6222811	6253231	5	2005	53231	3231	0	21	317094	6062249	13J12	10	16	81	74	.2	27	11.2	1.9	386	2.29	3.16
6222812	6253232	5	2005	53232	3232	0	21	319062	6061266	13J12	4	6	15	18	.2	23	8.7	1.2	104	.86	1.15
6222813	6253233	5	2005	53233	3233	0	21	316499	6058866	13J12	13	14	31	23	.2	35	24.5	3.4	117	2.18	2.92
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6222816	6253236	5	2005	53236	3236	0	21	313112	6052926	13J12	9	9	119	119	.2	36	6.2	1.4	110	.92	1.16
6222817	6253237	5	2005	53237	3237	0	21	313951	6052004	13J12	1	2	2	7	.2	15	4.4	1.0	41	.50	.50
6222818	6253238	5	2005	53238	3238	0	21	310631	6048470	13J12	3	4	2	12	.2	16	2.5	.7	57	.71	.93
6222819	6253239	5	2005	53239	3239	1	21	306970	6047395	13J12	9	12	20	25	.2	99	9.7	2.7	221	1.52	1.77
6222821	6253240	5	2005	53240	3240	2	21	306970	6047395	13J12	10	12	40	32	4.0	108	9.3	2.5	285	1.62	2.08
6222822	6253241	5	2005	53241	3241	0	21	306085	6046562	13J12	29	30	33	28	3.0	16	5.0	.9	428	4.40	4.43
6222823	6253242	5	2005	53242	3242	0	21	313068	6043393	13J12	39	37	15	16	2.0	16	6.6	1.3	137	5.57	6.18
6222824	6253243	5	2005	53243	3243	0	21	314248	6044301	13J12	38	42	23	17	.2	10	5.3	1.3	268	6.37	7.68
6222825	6253244	5	2005	53244	3244	0	21	319544	6044202	13J12	1	4	2	15	.2	12	1.9	.7	102	.92	.90
6222826	6253245	5	2005	53245	3245	0	21	320676	6043584	13J12	10	10	23	25	.2	14	4.7	1.1	158	1.86	1.78
6222827	6253246	5	2005	53246	3246	0	21	323588	6043083	13J12	38	39	46	42	.2	76	15.4	3.2	307	10.00	12.58
6222828	6253247	5	2005	53247	3247	0	21	328145	6044589	13J12	5	6	19	14	.2	15	4.2	1.0	160	2.15	2.46
6222829	6253248	5	2005	53248	3248	0	21	328871	6044906	13J12	1	3	2	8	.2	28	19.8	5.0	60	.22	.24
6222831	6253249	5	2005	53249	3249	0	21	330766	6042946	13J12	1	2	2	5	.2	6	2.2	.2	63	.53	.46
6222832	6253250	5	2005	53250	3250	0	21	334018	6043425	13J12	6	10	21	25	.2	13	6.0	1.5	328	2.15	2.58
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6222834	6253252	5	2005	53252	3252	0	21	335683	6047759	13J12	3	1	2	1	.2	4	.3	.2	23	.30	.25
6222835	6253253	5	2005	53253	3253	0	21	333618	6047047	13J12	7	8	23	24	.2	14	3.6	1.0	266	1.44	1.70
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6222837	6253255	5	2005	53255	3255	0	21	333253	6044940	13J12	4	8	23	24	.2	15	3.1	.9	175	1.25	1.04
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6222841	6253258	5	2005	53258	3258	0	21	331525	6047611	13J12	1	4	20	10	.2	21	3.5	.2	101	.84	.74
6222842	6253259	5	2005	53259	3259	1	21	328270	6048918	13J12	5	5	15	16	.2	23	5.1	1.3	114	.94	.95
6222898	6253260	5	2005	53260	3260	2	21	328270	6048918	13J12	6	5	14	18	1.0	25	5.6	1.4	125	.94	1.05
6222899	6253261	5	2005	53261	3261	0	21	325268	6047482	13J12	9	14	22	32	2.0	24	4.9	1.2	289	3.48	4.61
6222901	6253262	5	2005	53262	3262	0	21	319625	6048631	13J12	1	2	2	5	.2	24	3.6	.8	42	.38	.14
6222902	6253263	5	2005	53263	3263	0	21	316538	6049161	13J12	4	4	2	5	.2	27	3.7	.5	161	.65	.87
6222903	6253264	5	2005	53264	3264	0	21	319303	6050110	13J12	1	2	2	5	.2	15	2.1	.2	64	.50	.40
6222904	6253265	5	2005	53265	3265	0	21	321490	6051689	13J12	62	70	28	32	.2	37	15.0	2.5	117	4.61	5.99
6222905	6253266	5	2005	53266	3266	0	21	320479	6053355	13J12	13	18	41	26	.2	90	28.4	3.6	402	2.30	3.35
6222906	6253267	5	2005	53267	3267	0	21	320888	6054756	13J12	3	3	9	17	.2	47	5.5	1.0	38	.26	.22
6222907	6253268	5	2005	53268	3268	0	21	322118	6055376	13J12	8	9	22	28	.2	24	7.2	.9	121	1.86	2.40
6222908	6253269	5	2005	53269	3269	0	21	321516	6056350	13J12	32	36	22	41	.2	96	27.7	3.7	415	5.72	7.87
6222909	6253270	5	2005	53270	3270	0	21	320649	6058629	13J12	15	22	56	86	.2	26	10.9	2.2	406	2.86	3.80
6222911	6253271	5	2005	53271	3271	0	21	323128	6060563	13J12	9	11	50	70	.2	41	10.6	1.6	308	2.96	3.57
6222912	6253272	5	2005	53272	3272	0	21	323504	6062837	13J12	1	2	2	22	.2	18	3.1	.9	76	.26	.30
6222913	6253273	5	2005	53273	3273	0	21	323195	6064697	13J12	5	3	16	21	.2	33	1.4	.2	41	.28	.24
6222914	6253274	5	2005	53274	3274	0	21	323522	6066207	13J12	4	5	2	24	.2	23	3.3	.8	53	.60	.66
6222915	6253275	5	2005	53275	3275	0	21	327108	6068198	13J12	3	4	11	16	.2	41	4.7	1.8	48	.56	.61
6222916	6253276	5	2005	53276	3276	0	21	328590	6069323	13J12	40	43	29	36	.2	113	11.9	2.6	193	4.87	6.02

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	co1	co2	cr1	cr2	cs1	cu2	dy2	eu1	f9	fe1	fe2
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6222921	6253280	5	2005	53280	3280	2	21	323457	6058415	13J12	9	9	22	28	2.0	41	13.0	1.5	164	1.72	1.75
6222922	6253281	5	2005	53281	3281	0	21	325663	6057142	13J12	1	2	2	11	.2	16	4.6	.2	70	.35	.37
6222923	6253282	5	2005	53282	3282	0	21	326571	6057165	13J12	3	5	85	105	.2	23	5.2	1.0	131	.67	.75
6222924	6253283	5	2005	53283	3283	0	21	325602	6056545	13J12	6	9	179	220	.2	16	5.9	.8	139	1.64	2.00
6222925	6253284	5	2005	53284	3284	0	21	322971	6054772	13J12	153	182	33	40	.2	73	13.1	1.8	192	9.10	13.05
6222926	6253285	5	2005	53285	3285	0	21	322113	6053545	13J12	4	4	22	31	.2	66	9.0	1.9	48	.40	.38
6222927	6253286	5	2005	53286	3286	0	21	324461	6052619	13J12	5	5	23	38	.2	41	4.7	1.2	64	.46	.61
6222928	6253287	5	2005	53287	3287	0	21	325463	6053337	13J12	15	17	59	78	.2	69	8.2	2.0	223	4.22	5.88
6222929	6253288	5	2005	53288	3288	0	21	324689	6050124	13J12	3	2	2	6	.2	12	2.0	.2	44	.25	.27
6222931	6253289	5	2005	53289	3289	0	21	326838	6050728	13J12	3	3	2	16	.2	22	5.6	1.8	110	.62	.79
6222932	6253290	5	2005	53290	3290	0	21	327376	6051835	13J12	1	1	6	2	.2	11	1.3	.2	39	.34	.12
6222933	6253291	5	2005	53291	3291	0	21	329031	6050550	13J12	6	5	2	11	.2	26	4.9	1.5	86	.38	.40
6222934	6253292	5	2005	53292	3292	0	21	330807	6050788	13J12	7	10	28	31	.2	38	7.0	2.0	159	2.31	2.39
6222935	6253293	5	2005	53293	3293	0	21	333733	6050263	13J12	5	9	22	31	.2	14	3.9	1.1	278	1.66	1.85
6222936	6253294	5	2005	53294	3294	0	21	337989	6053557	13J12	8	6	25	16	.2	28	6.4	1.3	70	1.22	1.39
6222937	6253295	5	2005	53295	3295	0	21	336240	6051754	13J12	23	23	20	29	.2	42	7.2	1.7	169	3.34	3.65
6222938	6253296	5	2005	53296	3296	0	21	334823	6051700	13J12	4	4	14	13	.2	21	2.2	.6	83	.71	.74
6222939	6253297	5	2005	53297	3297	0	21	333354	6051752	13J12	4	4	13	13	.2	17	2.6	1.1	66	.80	.70
6222941	6253298	5	2005	53298	3298	0	21	330862	6052761	13J12	5	4	12	9	.2	14	3.5	1.2	73	.57	.61
6222942	6253299	5	2005	53299	3299	1	21	331560	6054786	13J12	19	20	21	20	.2	20	6.3	1.0	110	5.87	6.13
6222943	6253300	5	2005	53300	3300	2	21	331560	6054786	13J12	18	16	23	20	.2	19	6.1	1.1	124	7.26	8.34
6222944	6253301	5	2005	53301	3301	0	21	333274	6055579	13J12	11	11	18	29	.2	32	7.1	1.3	114	2.76	3.25
6222945	6253302	5	2005	53302	3302	0	21	334859	6055717	13J12	4	5	25	13	.2	31	12.9	1.6	211	.68	.78
6222946	6253303	5	2005	53303	3303	0	21	337925	6056812	13J12	10	17	24	41	.2	32	7.6	1.1	291	2.01	2.81
6222947	6253304	5	2005	53304	3304	0	21	338330	6058965	13J12	6	7	23	26	.2	26	7.2	1.6	83	1.47	1.67
6222948	6253305	5	2005	53305	3305	0	21	335166	6057362	13J12	4	3	12	10	.2	40	5.7	.9	55	.30	.21
6222949	6253306	5	2005	53306	3306	0	21	333330	6057353	13J12	8	10	23	31	.2	27	16.4	1.7	235	4.80	5.55
6222951	6253307	5	2005	53307	3307	0	21	331498	6058253	13J12	7	8	20	27	.2	50	24.5	1.7	140	2.35	2.54
6222952	6253308	5	2005	53308	3308	0	21	331072	6057713	13J12	1	1	45	11	.2	74	108.8	3.5	80	.22	.28
6222953	6253309	5	2005	53309	3309	0	21	328906	6057546	13J12	1	3	18	28	.2	38	17.5	1.2	73	.55	.54
6222954	6253310	5	2005	53310	3310	0	21	328301	6055772	13J12	8	7	28	40	.2	66	5.1	1.1	175	.63	.74
6222955	6253311	5	2005	53311	3311	0	21	332240	6059509	13J12	6	6	26	19	.2	38	20.8	2.6	99	1.10	1.17
6222956	6253312	5	2005	53312	3312	0	21	330901	6060357	13J12	5	6	22	31	.2	18	7.3	1.3	93	1.65	1.85
6222957	6253313	5	2005	53313	3313	0	21	330089	6061549	13J12	5	5	33	36	.2	15	3.4	.8	109	.86	.94
6222958	6253314	5	2005	53314	3314	0	21	328818	6061851	13J12	1	2	11	16	.2	37	4.2	.6	70	.24	.20
6222959	6253315	5	2005	53315	3315	0	21	332536	6061362	13J12	4	7	22	28	.2	23	3.6	.9	175	1.20	1.38
6222961	6253316	5	2005	53316	3316	0	21	335967	6060914	13J12	12	14	27	31	.2	17	15.1	2.2	149	5.58	6.43
6222962	6253317	5	2005	53317	3317	0	21	338750	6061140	13J12	19	25	53	64	1.0	21	8.7	1.4	365	5.27	6.70
6222963	6253318	5	2005	53318	3318	0	21	335988	6063912	13J12	15	17	260	213	2.0	15	7.9	1.3	377	3.89	4.75
6222964	6253319	5	2005	53319	3319	1	21	334847	6064536	13J12	18	21	110	92	1.0	21	9.4	1.5	237	3.63	4.21
6222965	6253320	5	2005	53320	3320	2	21	334847	6064536	13J12	24	25	120	98	2.0	23	9.7	1.6	223	3.34	4.06
6222966	6253321	5	2005	53321	3321	0	21	333047	6065175	13J12	22	22	50	42	.2	21	9.2	1.6	262	3.74	4.90
6222967	6253322	5	2005	53322	3322	0	21	332360	6064049	13J12	5	5	20	27	.2	25	8.2	2.2	128	1.46	1.80
6222968	6253323	5	2005	53323	3323	0	21	330922	6064061	13J12	1	5	24	17	.2	25	7.0	1.0	90	.53	.64
6222969	6253324	5	2005	53324	3324	0	21	330093	6064787	13J12	14	18	58	59	.2	25	7.5	1.2	211	2.83	3.95
6222971	6253325	5	2005	53325	3325	0	21	335787	6066988	13J12	10	11	32	39	.2	33	7.4	1.3	258	3.04	3.47
6222972	6253326	5	2005	53326	3326	0	21	333747	6068797	13J12	6	4	2	18	.2	18	6.2	1.1	131	.66	.75
6222973	6253327	5	2005	53327	3327	0	21	331315	6069899	13J12	6	11	19	23	.2	87	5.0	1.0	124	.58	.75
6222974	6253328	5	2005	53328	3328	0	21	332661	6070806	13J13	6	3	2	6	.2	31	3.4	1.0	72	.27	.18
6222975	6253329	5	2005	53329	3329	0	21	331548	6071685	13J13	11	11	34	49	.2	49	6.2	1.7	183	2.25	2.53
6222976	6253330	5	2005	53330	3330	0	21	328773	6098724	13O04	10	15	45	52	2.0	25	4.7	1.3	337	2.81	4.01
6222977	6253331	5	2005	53331	3331	0	21	330568	6098318	13O04	10	15	41	41	.2	31	4.3	1.3	283	2.21	2.86
6222978	6253332	5	2005	53332	3332	0	21	330873	6099831	13O04	5	7	2	31	.2	31	3.7	1.2	154	1.11	1.31
6222979	6253333	5	2005	53333	3333	0	21	332302	6101089	13O04	9	12	49	46	3.0	20	3.2	1.0	336	2.05	2.20
6222981	6253334	5	2005	53334	3334	0	21	333704	6101639	13O04	17	22	73	61	.2	26	5.2	1.8	443	4.22	5.08
6222982	6253335	5	2005	53335	3335	0	21	333165	6105097	13O04	18	22	51	46	2.0	56	5.9	1.9	245	3.46	4.15
6222983	6253336	5	2005	53336	3336	0	21	335390	6106611	13O04	16	19	62	56	.2	24	5.7	1.6	401	3.48	4.21
6222984	6253337	5	2005	53337	3337	0	21	337447	6108780	13O04	7	11	42	41	2.0	8	3.4	1.0	282	1.69	2.15
6222985	6253338	5	2005	53338	3338	0	21	339330	6110230	13O04	9	11	47	51	.2	19	6.7	1.1	266	1.87	2.26
6222988	6253341	5	2005	53341	3341	0	21	339418	6115027	13O04	8	11	38	38	.2	9	3.2	1.2	267	2.00	2.17
6222989	6253342	5	2005	53342	3342	0	21	338857	6116293	13O04	10	13	48	41	.2	42	5.8	2.0	313	2.35	2.56
6222991	6253343	2	2005	53343	3343	0	21	339732	6118226	13O04	6	11	35	30	.2	13	2.8	1.0	255	1.52	2.02
6222992	6253344	5	2005	53344	3344	0	21	337364	6115912	13O04	9	9	33	35	.2	8	2.8	1.0	250	1.77	1.84
6222993	6253345	5	2005	53345	3345	0	21	337194	6114000	13O04	7	11	50	39	2.0	10	2.9	1.2	276	2.00	2.32
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6222995	6253347	5	2005	53347	3347	0	21	337440	6112299	13O04	10	14	61	51	.2	12	3.5	1.3	328	2.41	2.91

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	co1	co2	cr1	cr2	cs1	cu2	dy2	eu1	f9	fe1	fe2
6222996	6253348	5	2005	53348	3348	0	21	335183	6111484	13O04	4	6	33	24	.2	19	2.6	1.2	192	.99	1.05
6222997	6253349	5	2005	53349	3349	0	21	333371	6111817	13O04	5	8	41	33	.2	12	2.9	1.1	120	1.66	1.68
6222998	6253350	5	2005	53350	3350	0	21	335832	6109573	13O04	8	13	61	48	.2	16	3.3	1.3	336	2.33	2.53
6222999	6253351	5	2005	53351	3351	0	21	335214	6107906	13O04	7	10	50	43	.2	14	2.7	1.3	292	1.78	2.00
6223001	6253352	5	2005	53352	3352	0	21	333707	6106305	13O04	13	15	36	36	.2	19	3.4	.9	175	2.01	2.42
6223002	6253353	5	2005	53353	3353	0	21	332837	6106767	13O04	14	17	41	38	3.0	15	2.9	.9	264	1.83	2.22
6223003	6253354	5	2005	53354	3354	0	21	332016	6105799	13O04	11	15	42	43	2.0	33	3.9	1.0	234	2.10	2.50
6223004	6253355	5	2005	53355	3355	0	21	331631	6103707	13O04	13	16	41	45	.2	19	4.4	1.2	319	2.04	2.45
6223005	6253356	5	2005	53356	3356	0	21	330997	6102399	13O04	11	17	67	62	1.0	20	4.9	1.5	401	3.38	4.16
6223006	6253357	5	2005	53357	3357	0	21	324833	6099081	13O04	7	11	43	37	.2	27	2.3	.8	188	1.43	1.72
6223007	6253358	5	2005	53358	3358	0	21	325972	6100833	13O04	16	22	71	71	1.0	33	3.8	1.1	387	3.20	3.99
6223008	6253359	5	2005	53359	3359	0	21	328024	6102944	13O04	12	14	43	40	.2	55	3.2	1.4	202	1.78	2.11
6223009	6253360	5	2005	53360	3360	0	21	329147	6103944	13O04	37	42	53	57	.2	60	4.7	1.6	265	4.08	5.04
6223011	6253361	5	2005	53361	3361	0	21	330077	6106016	13O04	9	11	43	44	2.0	17	2.4	.9	226	1.57	1.97
6223012	6253362	5	2005	53362	3362	0	21	330078	6106016	13O04	9	11	40	44	.2	16	2.2	.9	216	1.49	1.88
6223013	6253363	5	2005	53363	3363	0	21	328256	6105703	13O04	15	18	60	59	2.0	49	3.9	1.4	233	2.31	3.02
6223014	6253364	5	2005	53364	3364	0	21	327559	6103489	13O04	15	20	45	51	.2	21	3.0	.9	257	2.11	2.90
6223015	6253365	5	2005	53365	3365	0	21	325847	6103770	13O04	7	9	42	47	.2	31	1.7	.7	90	.88	1.12
6223039	6253366	5	2005	53366	3366	0	21	323244	6103690	13O04	35	52	75	104	.2	100	7.2	2.0	323	3.72	5.47
6223041	6253367	5	2005	53367	3367	0	21	322548	6102053	13O04	34	46	50	55	.2	92	5.7	2.0	173	2.93	3.88
6223042	6253368	5	2005	53368	3368	0	21	323422	6099770	13O04	11	14	23	31	2.0	40	2.5	.2	126	1.36	1.59
6223043	6253369	5	2005	53369	3369	0	21	316210	6097728	13J13	8	14	32	34	.2	23	3.5	1.5	286	1.61	2.10
6223044	6253370	5	2005	53370	3370	0	21	317427	6097261	13J13	5	8	16	25	.2	23	2.3	1.0	155	.95	1.24
6223045	6253371	5	2005	53371	3371	0	21	319421	6097458	13J13	6	11	38	36	2.0	35	2.4	.7	240	1.53	1.89
6223046	6253372	5	2005	53372	3372	0	21	323463	6097376	13J13	13	18	36	47	.2	79	5.5	1.6	134	1.98	2.68
6223047	6253373	5	2005	53373	3373	0	21	322866	6093242	13J13	2	2	7	5	.2	16	2.1	.4	56	.25	.29
6223048	6253374	5	2005	53374	3374	0	21	322416	6091223	13J13	4	6	16	23	.2	81	2.5	.8	174	.82	.97
6223049	6253375	5	2005	53375	3375	0	21	318713	6091713	13J13	11	16	2	25	.2	46	10.7	4.1	185	1.71	2.25
6223051	6253376	5	2005	53376	3376	0	21	316230	6091955	13J13	6	7	23	23	.2	94	2.5	1.2	78	.56	.69
6223052	6253377	5	2005	53377	3377	0	21	319744	6091825	13J13	5	7	22	29	.2	63	6.8	1.9	302	.92	1.14
6223053	6253378	5	2005	53378	3378	0	21	319771	6099023	13O04	4	5	17	22	.2	22	1.1	.6	100	.69	.77
6223054	6253379	5	2005	53379	3379	0	21	320615	6100795	13O04	8	11	23	36	.2	116	4.9	2.1	93	1.84	2.30
6223055	6253380	5	2005	53380	3380	0	21	320615	6100795	13O04	9	12	28	33	.2	105	4.5	2.1	107	2.06	2.52
6223056	6253381	5	2005	53381	3381	0	21	319162	6100849	13O04	2	3	11	11	.2	31	1.0	.4	50	.35	.35
6223057	6253382	5	2005	53382	3382	0	21	317992	6101423	13O04	17	20	28	26	.2	52	4.0	1.6	91	3.75	4.35
6223058	6253383	5	2005	53383	3383	0	21	317260	6102191	13O04	19	23	27	30	.2	47	4.8	1.9	98	3.06	3.74
6223059	6253384	5	2005	53384	3384	0	21	318456	6103845	13O04	42	53	27	29	2.0	49	4.4	1.6	144	4.78	5.63
6223061	6253385	5	2005	53385	3385	0	21	319925	6105210	13O04	5	6	14	17	.2	44	4.1	1.6	97	1.58	1.77
6223062	6253386	5	2005	53386	3386	0	21	321927	6104593	13O04	20	22	29	30	2.0	72	5.5	2.5	156	1.27	1.43
6223063	6253387	5	2005	53387	3387	0	21	321457	6106429	13O04	9	11	21	19	.2	50	4.6	2.1	132	2.63	2.96
6223064	6253388	5	2005	53388	3388	0	21	322041	6107386	13O04	2	3	13	11	.2	24	6.4	1.0	177	.50	.53
6223065	6253389	5	2005	53389	3389	0	21	323553	6106912	13O04	4	4	8	21	.2	63	6.0	2.8	286	.98	1.11
6223066	6253390	5	2005	53390	3390	0	21	323221	6108350	13O04	6	10	22	23	.2	36	13.4	1.4	218	2.30	2.91
6223067	6253391	5	2005	53391	3391	0	21	325017	6107665	13O04	5	7	21	22	2.0	20	12.6	1.0	289	1.07	1.27
6223068	6253392	5	2005	53392	3392	0	21	326500	6107189	13O04	7	10	34	35	1.0	16	7.7	.9	429	1.49	2.02
6223069	6253393	5	2005	53393	3393	0	21	327360	6108920	13O04	7	13	32	45	.2	46	10.8	1.7	487	1.93	2.85
6223071	6253394	5	2005	53394	3394	0	21	331472	6108942	13O04	2	1	2	3	.2	8	1.7	.2	49	.51	.55
6223072	6253395	5	2005	53395	3395	0	21	329492	6109909	13O04	5	7	14	21	.2	24	20.8	1.6	334	1.34	1.83
6223073	6253396	5	2005	53396	3396	0	21	328594	6110708	13O04	6	10	10	19	.2	23	10.5	1.3	263	2.95	3.99
6223074	6253397	5	2005	53397	3397	0	21	326956	6109901	13O04	5	6	14	24	.2	32	23.2	2.7	331	1.35	1.63
6223075	6253398	5	2005	53398	3398	0	21	332105	6115919	13O04	11	14	36	45	.2	27	6.9	1.3	608	2.99	3.84
6223076	6253399	5	2005	53399	3399	1	21	326682	6113689	13O04	4	5	32	26	.2	17	25.6	1.4	536	.93	1.02
6223077	6253400	5	2005	53400	3400	2	21	326682	6113689	13O04	5	5	36	28	.2	20	29.4	.2	482	1.07	1.11
6223078	6253401	5	2005	53401	3401	0	21	324251	6113003	13O04	1	3	10	10	.2	15	14.7	.2	204	.49	.49
6223079	6253402	5	2005	53402	3402	0	21	325074	6111058	13O04	4	5	16	14	.2	18	35.9	.2	521	1.35	1.51
6223081	6253403	5	2005	53403	3403	0	21	319846	6109053	13O04	5	10	22	31	.2	8	2.2	.7	315	1.35	1.90
6223082	6253404	5	2005	53404	3404	0	21	318738	6107628	13O04	8	12	25	25	.2	37	3.8	1.8	294	2.31	2.45
6223083	6253405	5	2005	53405	3405	0	21	316827	6106136	13O04	10	18	30	50	3.0	25	3.8	.9	585	2.35	3.57
6223084	6253406	5	2005	53406	3406	0	21	317270	6104763	13O04	12	14	24	29	.2	27	2.3	.8	71	2.18	2.47
6223085	6253407	5	2005	53407	3407	0	21	315468	6103642	13O04	10	15	29	43	.2	39	3.5	1.2	242	2.30	2.77
6223086	6253408	5	2005	53408	3408	0	21	316490	6100236	13O04	3	4	18	15	.2	33	2.1	.9	71	.72	.76
6223087	6253409	5	2005	53409	3409	0	21	315297	6100373	13O04	10	13	15	19	1.0	22	2.3	.7	134	1.31	1.53
6223088	6253410	5	2005	53410	3410	0	21	314277	6101050	13O04	4	3	21	12	.2	20	1.5	.6	90	.41	.54
6223089	6253411	5	2005	53411	3411	0	21	312761	6099032	13O04	36	42	28	30	.2	45	6.5	2.6	416	5.14	5.91
6223091	6253412	5	2005	53412	3412	0	21	312307	6102657	13O04	10	14	19	29	.2	22	3.7	1.3	238	2.53	3.06
6223092	6253413	5	2005	53413	3413	0	21	313882	6104580	13O04	10	9	32	29	.2	50	5.8	2.3	231	1.97	2.17
6223093	6253414	5	2005	53414	3414	0	21	315220	6105951	13O04	11	16	27	34	.2	32	6.5	2.2	381	3.08	3.97
6223094	6253415	5	2005	53415	3415	0	21	316221	6108119	13O04	8	14	24	27	.2	13	2.7	.9	347	1.85	2.62
6223095	6253416	5	2005	53416	3416	0	21	318483	6110428	13O04	4	4	11	14	.2	19	1.2	.7	115	.62	.62

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	co1	co2	cr1	cr2	cs1	cu2	dy2	eu1	f9	fe1	fe2
6223096	6253417	5	2005	53417	3417	0	21	316922	6110084	13O04	9	16	31	36	.2	13	2.9	1.1	454	2.46	3.18
6223097	6253418	5	2005	53418	3418	0	21	314888	6110864	13O04	5	6	13	19	.2	17	2.2	1.1	213	.84	.89
6223098	6253419	5	2005	53419	3419	1	21	314439	6112346	13O04	7	11	41	38	2.0	24	2.7	.9	296	1.97	2.08
6223099	6253420	5	2005	53420	3420	2	21	314439	6112346	13O04	7	12	26	39	.2	24	2.7	.8	284	2.05	2.23
6223101	6253421	5	2005	53421	3421	0	21	311780	6111825	13O04	8	12	31	36	.2	12	2.6	1.0	363	1.62	2.15
6223102	6253422	5	2005	53422	3422	0	21	312240	6108625	13O04	4	4	19	21	.2	27	2.9	1.2	242	.93	1.04
6223103	6253423	5	2005	53423	3423	0	21	313858	6108500	13O04	6	7	35	34	.2	40	4.8	2.2	192	3.13	3.42
6223104	6253424	5	2005	53424	3424	0	21	313742	6106304	13O04	8	11	18	23	.2	10	2.2	.8	344	1.71	2.08
6223105	6253425	5	2005	53425	3425	0	21	311860	6104584	13O04	9	11	11	22	.2	24	4.3	1.6	192	3.68	4.34
6223106	6253426	5	2005	53426	3426	0	20	669969	6100398	13N01	7	10	35	34	2.0	18	2.0	1.0	152	1.31	1.44
6223107	6253427	5	2005	53427	3427	0	20	670870	6101300	13N01	11	15	48	44	3.0	27	2.6	.8	318	2.64	2.77
6223108	6253428	5	2005	53428	3428	0	20	668994	6101537	13N01	18	21	46	51	1.0	27	3.0	1.2	304	3.07	3.25
6223109	6253429	5	2005	53429	3429	0	20	669782	6103550	13N01	20	24	61	74	1.0	27	4.8	1.2	462	4.37	5.00
6223111	6253430	5	2005	53430	3430	0	20	671670	6104829	13N01	21	27	48	65	1.0	28	4.6	1.3	350	4.11	5.19
6223112	6253431	5	2005	53431	3431	0	20	672121	6105720	13N01	8	11	30	35	.2	17	1.8	.7	181	1.70	1.96
6223113	6253432	5	2005	53432	3432	0	20	673512	6106966	13N01	8	11	38	38	1.0	13	1.8	.5	159	1.62	1.85
6223114	6253433	5	2005	53433	3433	0	20	674010	6108526	13N01	7	10	30	28	.2	29	2.4	.7	56	1.77	1.71
6223115	6253434	5	2005	53434	3434	0	20	675610	6109364	13N01	17	20	57	57	.2	25	3.3	.8	318	3.10	3.37
6223116	6253435	5	2005	53435	3435	0	20	676300	6109942	13N01	12	16	38	49	1.0	15	2.9	.8	295	2.51	3.00
6223117	6253436	5	2005	53436	3436	0	20	676630	6112483	13N01	18	24	49	68	1.0	34	4.9	1.4	390	3.57	4.75
6223118	6253437	5	2005	53437	3437	0	20	678453	6112704	13N01	9	16	39	50	2.0	21	2.6	.8	286	2.77	2.96
6223119	6253438	5	2005	53438	3438	0	20	680548	6114850	13N01	13	15	48	47	2.0	18	2.2	.8	242	2.75	2.87
6223121	6253439	5	2005	53439	3439	1	20	681845	6116200	13N01	8	11	30	41	.2	20	2.1	.7	185	1.87	1.93
6223122	6253440	5	2005	53440	3440	2	20	681845	6116206	13N01	9	11	43	39	.2	20	1.9	1.0	173	1.65	1.77
6223123	6253441	5	2005	53441	3441	0	20	681916	6117635	13N01	14	17	47	53	2.0	18	2.3	.8	243	2.52	2.86
6223124	6253442	5	2005	53442	3442	0	20	681107	6118569	13N01	21	25	47	52	1.0	26	3.2	.9	226	4.08	4.55
6223125	6253443	5	2005	53443	3443	0	20	681226	6120100	13N01	19	20	43	48	.2	19	3.1	1.1	214	2.87	3.06
6223126	6253444	5	2005	53444	3444	0	20	682896	6120584	13N01	8	12	37	42	.2	14	2.5	1.0	223	1.93	2.23
6223127	6253445	5	2005	53445	3445	0	20	683965	6120866	13N01	10	13	42	44	.2	17	2.4	.8	247	2.18	2.43
6223128	6253446	5	2005	53446	3446	0	20	684022	6121811	13N01	12	15	32	40	.2	19	2.5	.7	205	2.06	2.38
#NULL!	6273447	7	2005	73447	3447	0	20	683080	6122389	13N01	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!
6223131	6253448	5	2005	53448	3448	0	20	684798	6123570	13N01	13	17	55	60	2.0	24	4.0	1.2	347	3.53	4.30
6223132	6253449	5	2005	53449	3449	0	20	683857	6124412	13N01	13	17	51	62	2.0	21	4.4	1.0	327	3.28	3.92
6223133	6253450	5	2005	53450	3450	0	20	678110	6125208	13N01	14	16	54	55	.2	20	3.5	.8	268	2.98	3.80
6223134	6253451	5	2005	53451	3451	0	20	677149	6124815	13N01	12	15	41	48	.2	15	2.9	1.0	279	2.48	3.32
6223135	6253452	5	2005	53452	3452	0	20	677895	6121899	13N01	15	18	44	50	.2	28	3.9	1.3	275	2.98	3.30
6223136	6253453	5	2005	53453	3453	0	20	677852	6120815	13N01	8	12	33	40	.2	16	2.6	.8	201	1.92	2.26
6223137	6253454	5	2005	53454	3454	0	20	677225	6120280	13N01	16	18	56	58	.2	49	5.5	1.4	229	4.20	4.97
6223138	6253455	5	2005	53455	3455	0	20	677715	6116724	13N01	7	11	41	40	.2	13	3.0	.8	250	1.98	2.28
6223139	6253456	5	2005	53456	3456	0	20	679008	6115939	13N01	11	13	34	43	.2	42	3.0	1.0	176	2.24	2.53
6223141	6253457	5	2005	53457	3457	0	20	677000	6114100	13N01	18	19	43	46	.2	30	3.2	.8	198	3.75	4.36
6223142	6253458	5	2005	53458	3458	0	20	675543	6112510	13N01	13	15	46	47	1.0	20	2.7	.8	257	2.57	2.77
6223143	6253459	5	2005	53459	3459	1	20	673769	6110240	13N01	8	10	32	33	.2	35	2.6	.7	160	1.50	1.70
6223144	6253460	5	2005	53460	3460	2	20	673769	6110240	13N01	15	16	31	33	2.0	37	2.6	.9	176	1.83	2.05
6223145	6253461	5	2005	53461	3461	0	20	672121	6108087	13N01	7	7	28	22	1.0	12	1.2	.6	116	1.11	1.11
6223146	6253462	5	2005	53462	3462	0	20	670480	6104824	13N01	13	17	47	46	2.0	9	2.9	.9	280	2.66	2.85
6223147	6253463	5	2005	53463	3463	0	20	667061	6098782	13N01	32	35	45	49	.2	46	4.1	1.1	157	4.84	5.32
6223148	6253464	5	2005	53464	3464	0	20	666983	6097341	13K16	8	10	44	41	1.0	14	1.6	.7	104	1.32	1.41
6223149	6253465	5	2005	53465	3465	0	20	672162	6092773	13K16	10	13	43	45	3.0	20	2.8	.9	242	2.13	2.28
6223151	6253466	5	2005	53466	3466	0	20	675093	6091404	13K16	8	10	25	27	.2	28	2.7	1.0	167	1.01	1.02
6223152	6253467	5	2005	53467	3467	0	20	676276	6091164	13K16	37	37	31	26	.2	44	4.9	1.6	235	4.02	4.02
6223153	6253468	5	2005	53468	3468	0	20	678945	6090055	13K16	9	8	20	23	.2	27	2.6	1.1	106	1.93	1.87
6223154	6253469	5	2005	53469	3469	0	20	682347	6088580	13K16	3	3	12	16	.2	18	1.9	.9	146	.52	.59
6223155	6253470	5	2005	53470	3470	0	20	686381	6088116	13K16	5	5	17	18	.2	27	3.3	1.3	93	.64	.68
6223156	6253471	5	2005	53471	3471	0	20	688868	6089040	13K16	78	79	29	34	.2	61	7.9	2.7	233	7.30	8.82
6223157	6253472	5	2005	53472	3472	0	20	690065	6089294	13K16	4	2	2	6	.2	9	1.1	.5	58	.29	.28
6223158	6253473	5	2005	53473	3473	0	21	308388	6091165	13J13	8	7	2	15	.2	18	3.2	1.1	112	1.20	1.43
6223159	6253474	5	2005	53474	3474	0	20	664587	6098593	13N01	41	37	79	76	.2	79	8.5	2.4	72	8.12	8.41
6223161	6253475	5	2005	53475	3475	0	20	666040	6101514	13N01	14	18	40	47	2.0	14	3.0	1.0	280	2.33	2.58
6223162	6253476	5	2005	53476	3476	0	20	666940	6104438	13N01	14	18	38	48	.2	11	2.9	1.0	275	2.33	2.86
6223163	6253477	5	2005	53477	3477	0	20	668707	6109395	13N01	3	5	24	22	.2	12	1.2	.2	95	.81	.88
6223164	6253478	5	2005	53478	3478	0	20	671531	6110777	13N01	14	18	39	55	1.0	30	4.4	1.5	303	3.06	3.64
6223165	6253479	5	2005	53479	3479	0	20	672511	6114154	13N01	17	20	39	46	.2	39	5.4	1.6	251	3.27	3.72
6223167	6253481	5	2005	53481	3481	0	20	674647	6116096	13N01	7	11	49	39	.2	35	4.0	1.2	123	1.87	2.03
6223168	6253482	5	2005	53482	3482	0	20	674392	6117209	13N01	11	13	54	52	.2	50	4.8	1.4	166	2.12	2.60
6223169	6253483	5	2005	53483	3483	0	20	672304	6116872	13N01	18	21	64	50	.2	34	4.2	1.2	257	4.07	4.70
6223171	6253484	5	2005	53484	3484	0	20	672917	6119530	13N01	13	18	76	63	3.0	19	3.9	1.4	300	3.59	4.21
6223172	6253485	5	2005	53485	3485	0	20	673563	6121609	13N01	16	17	60	57	.2	16	4.0	1.3	298	3.51	3.90
6223173	6253486	5	2005	53486	3486	0	20	671760	6121662	13N01	8	10	32	32	.2	38	3.1	1.0	74	3.02	3.53

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	co1	co2	cr1	cr2	cs1	cu2	dy2	eu1	f9	fe1	fe2
6223174	6253487	5	2005	53487	3487	0	20	670606	6119471	13N01	8	11	49	37	.2	19	2.3	.8	173	2.30	2.49
6223175	6253488	5	2005	53488	3488	0	20	670288	6117839	13N01	28	34	54	52	.2	13	2.8	1.1	201	3.83	4.49
6223176	6253489	5	2005	53489	3489	0	20	670238	6116543	13N01	12	16	55	45	2.0	13	2.3	.2	212	2.44	2.69
6223177	6253490	5	2005	53490	3490	0	20	671354	6115377	13N01	16	20	46	38	.2	36	4.3	1.1	124	3.93	4.65
6223178	6253491	5	2005	53491	3491	0	20	669232	6115232	13N01	14	18	59	51	.2	16	2.8	.7	230	2.55	3.03
6223179	6253492	5	2005	53492	3492	0	20	669111	6112108	13N01	22	27	50	44	.2	16	2.8	1.0	199	3.28	4.19
6223181	6253493	5	2005	53493	3493	0	20	668679	6111304	13N01	6	7	29	28	.2	28	3.3	.8	105	1.02	1.16
6223182	6253494	5	2005	53494	3494	0	20	666965	6109479	13N01	6	10	39	36	3.0	10	2.3	.9	181	1.67	1.82
6223183	6253495	5	2005	53495	3495	0	20	666986	6110555	13N01	4	6	17	25	.2	22	2.9	.7	86	.93	1.18
6223184	6253496	5	2005	53496	3496	0	20	667043	6112859	13N01	6	3	25	16	.2	19	2.5	.7	41	.50	.56
6223185	6253497	5	2005	53497	3497	0	20	665210	6112011	13N01	7	8	26	24	.2	11	1.9	.6	118	1.11	1.30
6223186	6253498	5	2005	53498	3498	0	20	663160	6112261	13N01	1	2	2	9	.2	10	.9	.5	32	.43	.29
6223187	6253499	5	2005	53499	3499	1	20	662508	6110119	13N01	19	20	44	35	.2	20	4.4	1.3	79	3.28	3.72
6223188	6253500	5	2005	53500	3500	2	20	662508	6110119	13N01	21	23	30	29	.2	18	2.9	1.0	46	4.70	5.23
6223189	6253501	5	2005	53501	3501	0	20	664585	6110250	13N01	14	18	65	56	.2	24	4.5	1.5	307	3.16	3.77
6223191	6253502	5	2005	53502	3502	0	20	664447	6107848	13N01	7	10	38	30	.2	15	2.2	.7	218	1.52	1.69
6223192	6253503	5	2005	53503	3503	0	20	660064	6106296	13N01	14	16	62	51	.2	14	2.4	.6	202	2.05	2.30
6223193	6253504	5	2005	53504	3504	0	20	663691	6104181	13N01	6	9	39	33	.2	23	3.0	1.0	136	1.64	1.95
6223194	6253505	5	2005	53505	3505	0	20	661230	6102146	13N01	15	20	54	48	.2	21	3.7	1.0	283	2.90	3.33
6223195	6253506	5	2005	53506	3506	0	20	664980	6102884	13N01	21	24	60	54	1.0	19	3.3	1.3	284	3.35	3.95
6223196	6253507	5	2005	53507	3507	0	20	663978	6101482	13N01	23	27	71	59	2.0	23	4.0	1.5	278	3.75	4.31
6223197	6253508	5	2005	53508	3508	0	20	663085	6098207	13N01	12	15	81	58	.2	9	2.3	.9	130	2.00	2.25
6223198	6253509	5	2005	53509	3509	0	20	660732	6099853	13N01	18	24	67	57	2.0	21	3.7	1.2	363	3.98	4.63
6223199	6253510	5	2005	53510	3510	0	20	660163	6097678	13N01	24	27	32	38	.2	27	2.8	1.0	69	2.96	3.42
6223201	6253511	5	2005	53511	3511	0	20	661081	6096641	13K16	20	24	62	52	.2	66	10.4	2.8	86	7.34	8.70
6223202	6253512	5	2005	53512	3512	0	20	663243	6096686	13K16	7	9	37	42	.2	39	4.7	1.3	39	1.79	2.11
6223203	6253513	5	2005	53513	3513	0	20	660546	6093275	13K16	7	9	72	56	.2	44	4.4	1.3	75	1.30	1.50
6223204	6253514	5	2005	53514	3514	0	20	662942	6094282	13K16	5	7	35	35	.2	29	3.7	1.3	97	1.10	1.31
6223205	6253515	5	2005	53515	3515	0	20	660909	6091155	13K16	3	4	16	17	.2	27	2.5	.9	44	.30	.33
6223206	6253516	5	2005	53516	3516	0	20	661082	6084805	13K16	12	19	52	51	2.0	17	3.4	1.0	329	2.60	3.24
6223207	6253517	5	2005	53517	3517	0	20	665703	6081997	13K16	4	5	11	20	.2	38	3.1	1.3	72	.78	.71
6223208	6253518	5	2005	53518	3518	0	20	668177	6081994	13K16	5	5	24	22	.2	30	2.9	.9	63	.79	.82
6223209	6253519	5	2005	53519	3519	1	20	672965	6081499	13K16	16	17	50	53	.2	110	7.9	2.2	82	4.38	5.15
6223211	6253520	5	2005	53520	3520	2	20	672965	6081499	13K16	18	21	56	55	.2	115	8.5	2.5	159	4.20	4.91
6223212	6253521	5	2005	53521	3521	0	20	676271	6080194	13K16	9	12	41	34	.2	36	4.0	1.4	167	1.39	1.65
6223213	6253522	5	2005	53522	3522	0	20	689627	6076037	13K16	18	20	56	59	.2	93	5.9	1.9	167	3.66	3.73
6223214	6253523	5	2005	53523	3523	0	20	690313	6075665	13K16	4	5	26	22	.2	54	1.5	.4	52	.57	.59
6223215	6253524	5	2005	53524	3524	0	20	691214	6075618	13K16	8	9	33	35	.2	49	2.1	.7	108	1.30	1.42
6223216	6253525	5	2005	53525	3525	0	20	692303	6074026	13K16	17	20	39	35	.2	70	5.3	2.2	103	2.48	3.18
6223217	6253526	5	2005	53526	3526	0	20	690742	6073132	13K16	13	15	43	44	.2	51	3.0	.9	103	2.09	2.59
6223218	6253527	5	2005	53527	3527	0	20	689487	6072248	13K16	33	32	40	38	.2	57	3.4	1.3	83	4.09	4.41
6223219	6253528	5	2005	53528	3528	0	20	687897	6072593	13K16	10	12	28	31	1.0	43	1.9	.8	84	1.00	1.06
6223221	6253529	5	2005	53529	3529	0	20	685835	6072774	13K16	5	5	16	14	.2	41	8.8	1.3	37	.49	.49
6223222	6253530	5	2005	53530	3530	0	20	682268	6072640	13K16	14	16	42	44	.2	90	4.3	1.6	141	3.07	3.51
6223223	6253531	5	2005	53531	3531	0	20	681522	6070985	13K16	12	12	33	30	.2	51	2.7	1.3	145	1.01	1.17
6223224	6253532	5	2005	53532	3532	0	20	678452	6071721	13K16	17	21	41	38	.2	69	6.6	2.1	208	3.16	4.03
6223225	6253533	5	2005	53533	3533	0	20	677343	6070815	13K16	15	15	30	19	.2	16	2.8	1.1	83	.94	1.10
6223226	6253534	5	2005	53534	3534	0	20	674588	6070793	13K16	45	50	82	70	3.0	44	5.7	1.8	439	4.71	5.73
6223227	6253535	5	2005	53535	3535	0	20	672142	6071069	13K16	5	5	18	22	.2	35	2.3	.6	99	.44	.51
6223228	6253536	5	2005	53536	3536	0	20	669700	6070390	13K16	24	27	44	44	.2	83	5.5	1.3	201	3.65	4.47
6223229	6253537	5	2005	53537	3537	0	20	667234	6071066	13K16	10	11	40	39	.2	68	4.2	1.4	70	1.73	1.92
6223231	6253538	5	2005	53538	3538	0	20	664760	6070426	13K16	8	10	24	30	.2	29	2.3	.9	80	.88	.94
6223232	6253539	5	2005	53539	3539	1	20	665597	6072740	13K16	7	10	42	29	.2	30	2.4	.8	76	1.09	1.16
6223233	6253540	5	2005	53540	3540	2	20	665597	6072740	13K16	8	9	23	28	.2	31	2.2	.6	89	.87	1.04
6223234	6253541	5	2005	53541	3541	0	20	666488	6074069	13K16	71	76	52	41	.2	62	4.8	1.3	59	6.19	7.59
6223235	6253542	5	2005	53542	3542	0	20	669288	6073143	13K16	9	9	31	29	.2	38	3.2	1.0	61	.95	1.13
6223236	6253543	5	2005	53543	3543	0	20	671770	6072395	13K16	15	20	33	38	.2	53	4.0	1.4	84	2.40	2.93
6223237	6253544	5	2005	53544	3544	0	20	673839	6073235	13K16	9	12	48	34	.2	21	2.5	1.0	101	1.05	1.20
6223238	6253545	5	2005	53545	3545	0	20	676090	6073505	13K16	5	5	23	20	.2	24	3.8	1.3	56	1.13	1.45
6223239	6253546	5	2005	53546	3546	0	20	678710	6073735	13K16	19	26	50	48	.2	39	6.7	2.1	377	2.86	3.66
6223241	6253547	5	2005	53547	3547	0	20	680734	6073720	13K16	23	25	26	21	.2	25	4.4	1.7	184	5.00	5.92
6223242	6253548	5	2005	53548	3548	0	20	682997	6074074	13K16	20	23	66	61	.2	93	5.7	2.2	96	3.13	3.44
6223243	6253549	5	2005	53549	3549	0	20	684372	6075029	13K16	9	11	71	69	.2	135	5.2	2.3	92	1.28	1.56
6223244	6253550	5	2005	53550	3550	0	20	686372	6074534	13K16	4	5	20	16	.2	95	4.8	1.4	34	.45	.49
6223245	6253551	5	2005	53551	3551	0	20	687211	6076253	13K16	8	9	28	31	.2	80	4.2	1.8	67	.55	.62
6223246	6253552	5	2005	53552	3552	0	20	685463	6076123	13K16	9	14	75	73	.2	125	6.4	2.7	174	1.93	2.20
6223247	6253553	5	2005	53553	3553	0	20	683552	6076044	13K16	23	27	39	40	.2	76	7.3	2.2	118	4.45	5.27
6223248	6253554	5	2005	53554	3554	0	20	681050	6076019	13K16	6	9	18	20	.2	23	5.4	2.1	109	.88	1.06
6223249	6253555	5	2005	53555	3555	0	20	678743	6075565	13K16	5	72	12	13	1.0	10	1.8	.8	60	.82	.96

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	co1	co2	cr1	cr2	cs1	cu2	dy2	eu1	f9	fe1	fe2
6223251	6253556	5	2005	53556	3556	0	20	674420	6075896	13K16	8	10	36	34	.2	17	2.4	.7	202	1.05	1.23
6223252	6253557	5	2005	53557	3557	0	20	671632	6075822	13K16	5	6	23	21	.2	33	2.8	1.0	72	.56	.60
6223253	6253558	5	2005	53558	3558	0	20	669738	6074972	13K16	4	6	35	33	.2	59	4.4	1.2	189	1.18	1.30
6223254	6253559	5	2005	53559	3559	1	20	671500	6076895	13K16	5	5	20	23	2.0	28	1.8	.6	77	.68	.71
6223255	6253560	5	2005	53560	3560	2	20	671500	6076895	13K16	4	4	23	20	.2	20	1.5	.4	73	.67	.57
6223256	6253561	5	2005	53561	3561	0	20	677215	6076765	13K16	18	18	50	37	2.0	50	6.6	2.8	118	4.89	4.50
6223257	6253562	5	2005	53562	3562	0	20	680500	6078700	13K16	7	7	14	16	.2	24	3.2	1.1	87	.80	.80
6223258	6253563	5	2005	53563	3563	0	20	682820	6079850	13K16	5	6	16	14	.2	19	2.5	1.0	49	.80	.77
6223259	6253564	5	2005	53564	3564	0	20	685480	6078472	13K16	41	41	29	25	.2	22	3.8	1.7	129	2.51	2.48
6223261	6253565	5	2005	53565	3565	0	20	688334	6079160	13K16	7	7	22	24	.2	97	5.9	2.7	35	.41	.36
6223262	6253566	5	2005	53566	3566	0	20	689130	6080090	13K16	11	11	17	17	.2	40	2.5	1.3	36	1.30	1.28
6223263	6253567	5	2005	53567	3567	0	20	689685	6065065	13K09	5	6	9	13	.2	23	13.4	2.2	105	1.39	1.46
6223264	6253568	5	2005	53568	3568	0	20	686190	6062127	13K09	6	6	22	30	.2	38	12.3	2.9	557	.94	.99
6223265	6253569	5	2005	53569	3569	0	20	673750	6055691	13K09	6	8	51	54	3.0	68	14.5	2.2	279	1.87	1.92
6223266	6253570	5	2005	53570	3570	0	20	676151	6066709	13K09	18	21	63	61	3.0	14	4.1	1.2	435	4.11	4.50
6223267	6253571	5	2005	53571	3571	0	20	690259	6078853	13K16	81	68	30	25	.2	90	5.0	2.2	51	4.01	3.78
6223268	6253572	5	2005	53572	3572	0	20	691262	6078748	13K16	17	17	49	49	.2	107	5.3	2.3	75	2.84	2.75
6223269	6253573	5	2005	53573	3573	0	20	691492	6080377	13K16	24	21	38	32	2.0	109	5.5	2.4	96	2.10	1.88
6223271	6253574	5	2005	53574	3574	0	20	691547	6084458	13K16	10	10	34	33	.2	46	5.6	2.3	77	1.46	1.44
6223272	6253575	5	2005	53575	3575	0	20	690224	6085490	13K16	35	31	29	26	.2	20	3.8	1.7	163	4.09	3.95
6223273	6253576	5	2005	53576	3576	0	20	688210	6083227	13K16	3	2	7	5	.2	9	2.7	1.2	40	.63	.46
6223274	6253577	5	2005	53577	3577	0	20	686754	6082313	13K16	3	3	16	14	.2	25	4.6	1.9	81	2.31	2.48
6223275	6253578	5	2005	53578	3578	0	20	686790	6080592	13K16	6	4	11	9	.2	10	3.0	1.6	117	.69	.66
6223276	6253579	5	2005	53579	3579	1	20	684036	6080613	13K16	3	4	22	16	.2	24	3.6	1.6	115	1.10	1.36
6223277	6253580	5	2005	53580	3580	2	20	684036	6080613	13K16	5	4	16	15	.2	19	3.2	1.3	88	.91	1.01
6223278	6253581	5	2005	53581	3581	0	20	681642	6080880	13K16	54	57	46	37	1.0	48	6.6	2.5	148	11.30	13.27
6223279	6253582	5	2005	53582	3582	0	20	680017	6080247	13K16	8	9	28	27	.2	32	5.3	2.1	225	1.28	1.57
6223281	6253583	5	2005	53583	3583	0	20	678748	6079788	13K16	3	3	9	11	.2	18	2.2	.8	64	.40	.40
6223282	6253584	5	2005	53584	3584	0	20	678580	6079023	13K16	3	3	10	13	.2	18	2.0	.8	73	.39	.44
6223283	6253585	5	2005	53585	3585	0	20	676274	6078379	13K16	2	4	19	20	.2	33	2.9	1.0	90	.38	.47
6223284	6253586	5	2005	53586	3586	0	20	673818	6079219	13K16	16	20	67	64	.2	113	9.2	2.8	298	3.24	3.59
6223285	6253587	5	2005	53587	3587	0	20	672625	6080672	13K16	32	37	40	41	.2	139	9.0	2.8	172	3.64	4.30
6223286	6253588	2	2005	53588	3588	0	20	670837	6080120	13K16	5	8	35	36	.2	68	3.7	1.1	122	1.29	1.52
6223287	6253589	5	2005	53589	3589	0	20	668739	6080201	13K16	5	7	28	24	2.0	23	1.8	.7	90	.86	.89
6223288	6253590	5	2005	53590	3590	0	20	669154	6077771	13K16	8	10	34	38	1.0	45	3.0	1.0	102	1.10	1.21
6223289	6253591	5	2005	53591	3591	0	20	666723	6077526	13K16	34	39	55	62	1.0	99	8.3	2.0	258	5.02	6.13
6223291	6253592	5	2005	53592	3592	0	20	665916	6075836	13K16	99	98	43	53	.2	86	8.1	1.9	98	7.25	8.57
6223292	6253593	5	2005	53593	3593	0	20	664644	6076193	13K16	7	9	25	29	.2	65	4.2	1.5	191	.97	1.07
6223293	6253594	5	2005	53594	3594	0	20	663789	6077215	13K16	50	52	34	40	.2	35	4.0	1.2	119	3.28	3.68
6223294	6253595	5	2005	53595	3595	0	20	666280	6078714	13K16	17	19	19	27	1.0	29	3.4	1.1	84	1.33	1.48
6223295	6253596	5	2005	53596	3596	0	20	666475	6079825	13K16	7	6	22	30	1.0	68	2.9	.9	87	1.08	1.04
6223296	6253597	5	2005	53597	3597	0	20	670393	6083356	13K16	23	24	51	59	1.0	104	7.6	2.1	126	3.09	3.41
6223297	6253598	5	2005	53598	3598	0	20	670281	6084201	13K16	15	15	22	27	.2	36	4.0	1.4	57	.97	1.07
6223298	6253599	5	2005	53599	3599	1	20	669073	6085698	13K16	14	14	33	37	.2	63	4.9	1.3	135	3.08	3.37
6223299	6253600	5	2005	53600	3600	2	20	669073	6085698	13K16	12	13	27	39	.2	65	4.8	1.4	147	2.08	2.22
6223301	6253601	5	2005	53601	3601	0	20	669530	6087227	13K16	64	67	45	51	.2	126	9.2	2.2	82	8.80	10.76
6223302	6253602	5	2005	53602	3602	0	20	668726	6088159	13K16	18	23	45	57	2.0	37	3.7	.8	321	3.91	4.29
6223303	6253603	5	2005	53603	3603	0	20	669839	6088720	13K16	7	6	2	23	.2	24	2.1	.7	106	.80	.83
6223304	6253604	5	2005	53604	3604	0	20	665968	6088758	13K16	9	11	27	37	2.0	20	1.9	.2	214	1.48	1.65
6223305	6253605	5	2005	53605	3605	0	20	663115	6089646	13K16	7	9	26	29	.2	42	1.8	.6	154	1.03	1.07
6223306	6253606	5	2005	53606	3606	0	20	666219	6095120	13K16	5	5	24	28	.2	32	2.5	.8	58	1.52	1.57
6223307	6253607	5	2005	53607	3607	0	20	670007	6105230	13N01	12	16	48	48	2.0	22	2.9	1.0	260	2.72	3.01
6223308	6253608	5	2005	53608	3608	0	20	666863	6091212	13K16	17	18	26	41	.2	60	5.8	1.6	180	5.00	5.64
6223309	6253609	5	2005	53609	3609	0	20	668769	6091587	13K16	15	16	20	22	.2	45	3.4	1.1	149	4.80	5.16
6223311	6253610	5	2005	53610	3610	0	20	671263	6090723	13K16	19	22	50	50	.2	22	3.1	1.1	288	3.65	3.83
6223312	6253611	5	2005	53611	3611	0	20	672370	6090552	13K16	34	35	53	57	1.0	95	8.5	1.9	173	5.43	6.22
6223313	6253612	5	2005	53612	3612	0	20	673088	6091217	13K16	3	4	13	17	.2	20	1.1	.5	59	.44	.45
6223314	6253613	5	2005	53613	3613	0	20	674511	6093283	13K16	77	76	32	36	1.0	56	6.7	2.3	472	3.14	3.51
6223315	6253614	5	2005	53614	3614	0	20	673050	6095326	13K16	29	32	47	48	3.0	19	3.4	1.0	189	3.23	3.96
6223316	6253615	5	2005	53615	3615	0	20	673682	6095943	13K16	18	24	41	46	.2	11	2.4	.7	244	2.66	3.32
6223317	6253616	5	2005	53616	3616	0	20	691147	6094316	13K16	7	7	14	15	.2	16	2.7	1.1	71	.86	.89
6223318	6253617	5	2005	53617	3617	0	20	690175	6091489	13K16	14	15	27	36	.2	59	7.9	2.6	136	4.58	4.71
6223319	6253618	5	2005	53618	3618	0	20	689844	6090764	13K16	54	50	33	35	.2	61	9.1	2.7	131	9.45	10.54
6223321	6253619	5	2005	53619	3619	1	20	688948	6086485	13K16	14	14	14	19	.2	30	3.9	1.5	98	1.49	1.47
6223322	6253620	5	2005	53620	3620	2	20	688948	6086485	13K16	8	10	14	19	.2	20	3.2	1.4	116	1.15	1.33
6223323	6253621	5	2005	53621	3621	0	20	685865	6085148	13K16	10	16	50	68	.2	34	4.1	1.2	327	2.22	3.11
6223324	6253622	5	2005	53622	3622	0	20	684787	6086207	13K16	8	10	29	38	.2	51	5.9	2.0	110	2.30	2.80
6223325	6253623	5	2005	53623	3623	0	20	683012	6083020	13K16	11	14	26	31	.2	32	4.2	1.7	110	1.51	1.48
6223326	6253624	5	2005	53624	3624	0	20	684241	6082383	13K16	18	19	17	24	.2	38	6.3	2.3	112	1.75	1.99

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	co1	co2	cr1	cr2	cs1	cu2	dy2	eu1	f9	fe1	fe2
6223327	6253625	5	2005	53625	3625	0	20	682641	6079084	13K16	3	3	2	9	.2	20	2.5	1.0	61	.34	.40
6223328	6253626	5	2005	53626	3626	0	20	680602	6083155	13K16	14	19	50	65	2.0	67	6.6	1.7	384	3.08	3.56
6223329	6253627	5	2005	53627	3627	0	20	677670	6083164	13K16	13	14	25	52	.2	99	9.3	2.6	437	2.39	2.96
6223331	6253628	5	2005	53628	3628	0	20	675221	6085044	13K16	15	18	44	57	1.0	92	9.2	2.3	263	2.72	3.50
6223332	6253629	5	2005	53629	3629	0	20	672650	6084525	13K16	5	6	24	27	.2	20	2.2	.5	109	.97	1.06
6223333	6253630	5	2005	53630	3630	0	20	672205	6082712	13K16	7	10	28	35	.2	19	2.5	.7	146	1.62	1.99
6223334	6253631	5	2005	53631	3631	0	20	676075	6083242	13K16	15	19	27	39	.2	71	7.3	2.1	105	2.98	3.86
6223335	6253632	5	2005	53632	3632	0	20	677146	6085957	13K16	5	6	18	30	.2	65	5.1	1.8	130	1.27	1.50
6223336	6253633	5	2005	53633	3633	0	20	679333	6085454	13K16	8	9	21	35	.2	45	4.6	1.6	199	1.25	1.49
6223337	6253634	5	2005	53634	3634	0	20	681817	6086107	13K16	5	5	17	23	.2	45	3.4	1.1	171	.65	.74
6223338	6253635	5	2005	53635	3635	0	20	678709	6088060	13K16	7	9	33	36	.2	99	6.0	2.0	138	.76	.86
6223339	6253636	5	2005	53636	3636	0	20	677305	6086946	13K16	9	10	25	28	.2	44	5.4	2.3	677	2.64	3.09
6223341	6253637	5	2005	53637	3637	0	20	675129	6087249	13K16	13	16	33	41	.2	29	3.0	.8	143	2.04	2.18
6223342	6253638	5	2005	53638	3638	0	20	672341	6088269	13K16	8	9	56	53	.2	78	5.2	1.8	195	2.20	2.34
6223343	6253639	5	2005	53639	3639	1	20	673936	6089776	13K16	12	13	40	37	.2	50	4.1	1.3	69	3.08	3.25
6223344	6253640	5	2005	53640	3640	2	20	673936	6089776	13K16	21	22	38	36	.2	68	5.8	2.1	63	2.87	3.19
6223345	6253641	5	2005	53641	3641	0	20	679188	6091172	13K16	18	21	84	76	2.0	90	6.6	2.3	378	3.51	4.13
6223346	6253642	5	2005	53642	3642	0	20	680715	6091153	13K16	7	8	30	29	.2	53	4.7	1.7	270	1.13	1.22
6223347	6253643	5	2005	53643	3643	0	20	683938	6089811	13K16	11	12	24	26	1.0	29	2.6	1.3	217	1.19	1.41
6223348	6253644	5	2005	53644	3644	0	20	683682	6088838	13K16	19	19	32	31	.2	71	5.9	2.2	467	3.27	3.89
6223349	6253645	5	2005	53645	3645	0	20	686120	6089523	13K16	8	9	21	22	.2	28	2.6	.9	116	1.53	1.93
6223351	6253646	5	2005	53646	3646	0	20	688655	6091006	13K16	4	5	20	19	.2	25	3.8	1.6	216	1.42	1.58
6223352	6253647	5	2005	53647	3647	0	21	309917	6093270	13J13	5	3	32	15	.2	118	5.7	2.4	399	.64	.69
6223353	6253648	5	2005	53648	3648	0	20	688597	6091975	13K16	18	18	50	46	.2	73	10.1	4.9	254	3.22	3.14
6223354	6253649	5	2005	53649	3649	0	20	686920	6091642	13K16	27	22	50	31	5.0	50	3.9	7.3	323	5.56	4.96
6223355	6253650	5	2005	53650	3650	0	20	683631	6092328	13K16	4	4	31	26	.2	48	5.2	2.3	531	1.10	1.26
6223356	6253651	5	2005	53651	3651	0	20	681364	6092731	13K16	6	7	25	29	.2	27	3.5	1.3	126	.88	.93
6223357	6253652	5	2005	53652	3652	0	20	679639	6094064	13K16	15	18	49	57	.2	100	9.6	3.3	308	4.27	5.17
6223358	6253653	5	2005	53653	3653	0	20	675493	6097299	13K16	29	28	33	34	2.0	39	4.7	1.7	123	3.84	4.35
6223359	6253654	5	2005	53654	3654	0	20	679481	6096713	13K16	60	61	30	42	.2	68	9.5	3.0	296	8.21	10.16
6223361	6253655	5	2005	53655	3655	0	20	682000	6096573	13K16	8	10	26	35	.2	38	4.0	1.8	218	1.83	2.02
6223362	6253656	5	2005	53656	3656	0	20	683104	6096425	13K16	29	31	33	33	.2	63	6.4	2.8	181	3.55	4.02
6223363	6253657	5	2005	53657	3657	0	20	682857	6095049	13K16	11	11	27	33	.2	43	3.8	1.5	338	1.84	2.08
6223364	6253658	5	2005	53658	3658	0	20	684826	6094535	13K16	5	4	20	14	.2	19	1.5	.9	214	.58	.52
6223365	6253659	5	2005	53659	3659	0	20	686076	6095366	13K16	32	26	99	95	5.0	213	12.8	5.0	449	5.13	4.89
6223366	6253660	5	2005	53660	3660	0	20	687931	6093932	13K16	63	60	26	27	.2	20	3.3	1.3	137	3.57	3.91
6223367	6253661	5	2005	53661	3661	1	20	688473	6095909	13K16	8	6	21	24	.2	26	2.5	1.1	144	1.23	1.21
6223368	6253662	5	2005	53662	3662	2	20	688473	6095909	13K16	7	6	23	22	.2	22	2.3	1.1	128	1.13	1.01
6223369	6253663	5	2005	53663	3663	0	20	686032	6097094	13K16	4	4	16	17	.2	23	1.8	1.0	74	.71	.71
6223371	6253664	5	2005	53664	3664	0	20	690518	6097443	13K16	12	11	23	30	.2	43	6.0	2.3	239	2.66	2.85
6223372	6253665	5	2005	53665	3665	0	21	310311	6099251	13O04	13	15	41	46	1.0	52	6.8	2.4	360	2.52	2.73
6223373	6253666	5	2005	53666	3666	0	21	308280	6099386	13O04	1	6	41	26	.2	39	5.8	2.4	184	1.65	1.55
6223374	6253667	5	2005	53667	3667	0	21	309649	6105736	13O04	23	20	29	36	.2	40	5.5	2.4	192	5.85	5.85
6223375	6253668	5	2005	53668	3668	0	21	309205	6104297	13O04	4	3	12	11	.2	12	1.4	.8	112	.43	.42
6223376	6253669	5	2005	53669	3669	0	21	309150	6097264	13J13	5	3	14	12	.2	35	2.6	1.2	139	.70	.56
6223377	6253670	5	2005	53670	3670	0	21	308684	6095124	13J13	#NULL!	17	#NULL!	37	#NULL!	88	10.1	#NULL!	283	#NULL!	6.89
6223378	6253671	5	2005	53671	3671	0	21	311073	6094171	13J13	12	11	31	32	2.0	67	7.6	2.7	237	3.09	3.14
6223379	6253672	5	2005	53672	3672	0	21	311478	6095866	13J13	18	21	37	44	.2	43	6.3	1.8	351	4.21	4.78
6223381	6253673	5	2005	53673	3673	0	21	313104	6097668	13J13	6	5	23	18	.2	13	2.2	2.1	128	1.30	.84
6223382	6253674	5	2005	53674	3674	0	21	312172	6095057	13J13	9	12	31	34	1.0	37	5.1	1.7	332	2.45	2.81
6223383	6253675	5	2005	53675	3675	0	21	313746	6094222	13J13	9	10	23	37	.2	51	5.6	1.8	237	1.87	2.13
6223384	6253676	5	2005	53676	3676	0	21	310948	6092360	13J13	6	10	13	17	.2	9	3.1	1.0	297	1.68	2.04
6223385	6253677	5	2005	53677	3677	0	21	312737	6091039	13J13	8	8	26	26	2.0	13	1.9	.6	214	1.37	1.41
6223386	6253678	5	2005	53678	3678	0	21	309010	6089229	13J13	4	7	14	23	2.0	27	4.8	.7	119	.73	1.30
6223387	6253679	5	2005	53679	3679	1	21	310876	6089055	13J13	14	20	40	56	.2	35	4.9	1.6	375	3.06	3.70
6223388	6253680	5	2005	53680	3680	2	21	310876	6089055	13J13	11	17	39	50	1.0	43	7.0	2.1	407	2.68	3.28
6223389	6253681	5	2005	53681	3681	0	21	313242	6089033	13J13	8	9	29	32	.2	38	2.7	1.0	131	1.22	1.35
6223392	6253683	5	2005	53683	3683	0	21	313493	6087510	13J13	10	11	22	27	.2	34	5.1	1.9	137	.99	1.11
6223393	6253684	5	2005	53684	3684	0	21	310440	6087333	13J13	75	79	29	44	.2	118	8.6	2.5	206	4.07	4.95
6223394	6253685	5	2005	53685	3685	0	21	309643	6086901	13J13	4	3	13	14	.2	40	2.5	.8	38	.37	.37
6223395	6253686	5	2005	53686	3686	0	21	311550	6085887	13J13	41	39	31	42	.2	92	10.6	3.7	352	4.32	4.82
6223396	6253687	5	2005	53687	3687	0	21	310027	6084968	13J13	30	28	44	57	.2	94	6.8	2.3	146	3.65	4.48
6223397	6253688	5	2005	53688	3688	0	21	309685	6083787	13J13	6	6	19	25	.2	31	5.0	2.5	159	.96	1.11
6223398	6253689	5	2005	53689	3689	0	21	307750	6082322	13J13	21	24	49	57	.2	34	2.7	1.2	167	3.02	3.53
6223399	6253690	5	2005	53690	3690	0	21	311323	6084091	13J13	16	17	38	33	2.0	29	4.5	2.2	153	1.79	2.07
6223401	6253691	5	2005	53691	3691	0	21	314391	6085513	13J13	23	26	38	52	.2	72	8.0	2.5	341	4.56	5.65
6223402	6253692	5	2005	53692	3692	0	21	317184	6087274	13J13	4	3	9	10	.2	43	1.4	.7	76	.49	.41
6223403	6253693	5	2005	53693	3693	0	21	315615	6089195	13J13	16	21	53	66	.2	55	7.4	2.2	427	3.35	4.22
6223404	6253694	5	2005	53694	3694	0	21	317673	6093084	13J13	32	31	33	42	.2	74	3.8	1.5	75	1.74	1.84

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	co1	co2	cr1	cr2	cs1	cu2	dy2	eu1	f9	fe1	fe2
6223405	6253695	5	2005	53695	3695	0	21	319780	6094069	13J13	9	12	44	42	.2	28	1.7	.9	131	1.80	1.96
6223406	6253696	5	2005	53696	3696	0	21	315106	6084105	13J13	5	5	21	21	.2	51	1.9	.8	120	.70	.77
6223407	6253697	5	2005	53697	3697	0	21	326710	6096336	13J13	21	24	51	69	.2	26	5.4	1.4	564	4.00	4.90
6223408	6253698	5	2005	53698	3698	0	21	329503	6097556	13J13	15	13	28	32	.2	29	4.1	1.4	334	2.03	2.16
6223409	6253699	5	2005	53699	3699	1	21	335250	6094598	13J13	9	12	40	39	2.0	10	4.5	1.1	331	2.69	2.77
6223411	6253700	5	2005	53700	3700	2	21	335250	6094598	13J13	7	11	34	36	2.0	9	4.4	1.0	298	2.44	2.53
6223412	6253701	5	2005	53701	3701	0	21	336960	6095210	13J13	4	6	14	18	.2	6	3.3	.8	183	1.64	1.65
6223413	6253702	5	2005	53702	3702	0	21	339508	6095236	13J13	4	4	2	11	.2	17	3.0	.7	122	.98	.78
6223414	6253703	5	2005	53703	3703	0	21	337931	6093364	13J13	48	40	23	26	.2	41	15.3	2.4	206	12.00	12.77
6223415	6253704	5	2005	53704	3704	0	21	338267	6091938	13J13	14	16	31	29	.2	25	11.9	2.1	446	3.13	3.26
6223416	6253705	5	2005	53705	3705	0	21	336898	6089332	13J13	12	10	28	24	.2	17	10.1	1.8	359	3.12	3.17
6223417	6253706	5	2005	53706	3706	0	21	331804	6088391	13J13	3	3	16	13	.2	15	2.6	.6	94	.72	.55
6223418	6253707	5	2005	53707	3707	0	21	331728	6083544	13J13	6	9	37	22	2.0	10	5.5	1.2	236	1.91	1.93
6223419	6253708	5	2005	53708	3708	0	21	333737	6082809	13J13	22	20	31	23	2.0	10	7.7	1.5	276	4.97	4.74
6223421	6253709	5	2005	53709	3709	0	21	331117	6080264	13J13	10	16	27	43	1.0	24	11.9	1.7	633	3.05	4.06
6223422	6253710	5	2005	53710	3710	0	21	334924	6080589	13J13	1	9	2	23	.2	62	37.8	4.7	779	2.73	3.09
6223423	6253711	5	2005	53711	3711	0	21	338880	6079165	13J13	4	5	2	13	.2	12	8.3	1.4	331	1.14	1.20
6223424	6253712	5	2005	53712	3712	0	21	338450	6077243	13J13	8	5	15	11	.2	68	23.5	4.2	351	3.70	3.90
6223425	6253713	5	2005	53713	3713	0	21	335666	6078494	13J13	4	6	12	18	.2	10	7.8	1.6	345	1.54	1.54
6223426	6253714	2	2005	23714	3714	0	21	332983	6079022	13J13	6	11	28	28	.2	11	10.4	2.1	465	2.06	2.40
6223427	6223715	2	2005	23715	3715	0	21	344766	6068493	13J11	3	3	26	20	.2	21	3.7	.9	140	.94	1.10
6223428	6223716	2	2005	23716	3716	0	21	347397	6068499	13J11	1	3	16	26	.2	104	7.8	1.6	116	.79	.84
6223429	6223717	2	2005	23717	3717	0	21	350602	6068870	13J11	3	2	2	9	.2	30	4.2	.9	54	.31	.23
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6223432	6223719	2	2005	23719	3719	1	21	354084	6067203	13J11	1	2	21	10	.2	23	2.8	.2	109	.62	.80
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6223435	6223722	2	2005	23722	3722	0	21	360588	6067714	13J11	1	7	2	26	.2	18	6.2	.9	212	1.27	1.63
6223436	6223723	2	2005	23723	3723	0	21	362205	6068667	13J11	5	8	30	35	.2	49	17.9	1.7	446	1.77	2.10
6223437	6223724	2	2005	23724	3724	0	21	363116	6068700	13J11	6	10	32	35	.2	13	6.3	.2	319	1.80	2.40
6223438	6223725	2	2005	23725	3725	0	21	365879	6068215	13J11	6	8	2	26	.2	31	9.0	1.9	217	1.92	2.49
6223439	6223726	2	2005	23726	3726	0	21	370080	6066569	13J11	10	13	2	35	.2	29	8.9	2.0	193	6.44	8.02
6223441	6223727	2	2005	23727	3727	0	21	368698	6065492	13J11	1	3	19	20	.2	18	5.7	.2	137	1.14	1.19
6223442	6223728	2	2005	23728	3728	0	21	367509	6064839	13J11	1	3	2	12	.2	10	4.0	1.0	85	1.23	1.27
6223443	6223729	2	2005	23729	3729	0	21	363211	6066267	13J11	44	46	34	39	.2	42	9.0	1.8	118	10.20	12.89
6223444	6223730	2	2005	23730	3730	0	21	361265	6065300	13J11	1	4	17	49	.2	22	5.4	.9	88	1.06	1.21
6223445	6223731	2	2005	23731	3731	0	21	359885	6064421	13J11	12	13	24	33	2.0	43	9.1	1.5	164	2.45	2.78
6223446	6223732	2	2005	23732	3732	0	21	357097	6063202	13J11	12	11	30	35	.2	25	6.6	1.3	111	4.58	4.71
6223447	6223733	2	2005	23733	3733	0	21	356560	6064560	13J11	5	8	22	31	.2	9	6.0	1.1	209	1.71	1.93
6223448	6223734	2	2005	23734	3734	0	21	354600	6064054	13J11	5	6	27	29	.2	21	32.8	1.7	166	1.38	1.55
6223449	6223735	2	2005	23735	3735	0	21	348080	6064695	13J11	1	3	2	21	.2	21	14.3	.2	214	.52	.37
6223451	6223736	2	2005	23736	3736	0	21	347456	6066500	13J11	1	2	17	18	.2	25	13.4	1.4	373	.79	.67
6223452	6223737	2	2005	23737	3737	0	21	345798	6067108	13J11	1	6	2	32	.2	84	17.9	2.9	408	1.42	1.54
6223453	6223738	2	2005	23738	3738	0	21	342790	6066426	13J11	13	18	51	42	2.0	35	13.0	2.0	442	2.66	3.38
6223454	6223739	2	2005	23739	3739	0	21	339910	6067577	13J11	7	10	51	46	.2	40	18.5	2.7	375	2.35	2.77
6223455	6223740	2	2005	23740	3740	1	21	340329	6064920	13J11	7	12	62	49	.2	16	8.5	1.5	314	2.25	2.97
6223456	6223741	2	2005	23741	3741	2	21	340329	6064920	13J11	7	11	62	47	.2	13	6.8	1.4	280	2.13	2.76
6223457	6223742	2	2005	23742	3742	0	21	339610	6061367	13J11	13	14	45	40	.2	26	12.8	2.1	252	3.63	4.33
6223458	6223743	2	2005	23743	3743	0	21	345491	6064098	13J11	4	6	45	33	.2	26	17.4	1.5	311	2.84	3.27
6223459	6223744	2	2005	23744	3744	0	21	344077	6061230	13J11	49	52	61	55	.2	39	19.5	2.6	334	10.50	13.13
6223461	6223745	2	2005	23745	3745	0	21	344980	6060133	13J11	7	8	46	31	.2	10	3.9	1.1	159	2.31	2.74
6223462	6223746	2	2005	23746	3746	0	21	346018	6059102	13J11	7	7	20	19	.2	14	3.6	1.0	146	1.77	2.06
6223463	6223747	2	2005	23747	3747	0	21	355580	6058725	13J11	54	58	49	34	.2	24	8.5	1.8	302	11.30	14.53
6223464	6223748	2	2005	23748	3748	0	21	356240	6061170	13J11	9	14	40	37	1.0	20	6.4	1.6	415	2.16	2.63
6223465	6223749	2	2005	23749	3749	0	21	359300	6060152	13J11	7	9	44	29	.2	61	13.2	3.6	415	2.89	3.13
6223466	6223750	2	2005	23750	3750	0	21	362031	6063183	13J11	5	4	5	11	.2	14	2.0	.6	42	.92	.92
6223467	6223751	2	2005	23751	3751	0	21	365548	6063298	13J11	1	2	2	9	.2	9	4.0	.2	73	.74	.67
6223468	6223752	2	2005	23752	3752	0	21	369470	6068058	13J11	16	17	49	44	.2	21	5.8	1.5	259	4.47	5.15
6223469	6223753	2	2005	23753	3753	0	21	370234	6063405	13J11	2	4	33	19	.2	10	4.2	.9	115	.89	.94
6223471	6223754	2	2005	23754	3754	0	21	369639	6064296	13J11	1	5	19	18	.2	16	4.9	.7	135	1.42	1.46
6223472	6223755	2	2005	23755	3755	0	21	368764	6062455	13J11	8	13	33	31	.2	9	5.9	1.4	319	3.54	4.53
6223473	6223756	2	2005	23756	3756	0	21	367429	6060304	13J11	7	10	35	26	.2	13	6.3	1.4	181	4.03	4.72
6223474	6223757	2	2005	23757	3757	0	21	369300	6058250	13J11	12	18	53	45	.2	11	5.2	1.5	265	3.56	4.44
6223475	6223758	2	2005	23758	3758	0	21	370416	6056598	13J11	4	7	20	27	1.0	9	5.7	1.3	240	1.32	1.82
6223476	6223759	2	2005	23759	3759	1	21	367347	6057560	13J11	6	4	14	14	.2	30	5.8	2.8	77	.98	1.00
6223477	6223760	2	2005	23760	3760	2	21	367347	6057560	13J11	8	9	21	16	.2	46	8.3	.2	73	2.28	2.44
6223478	6223761	2	2005	23761	3761	0	21	365795	6054669	13J11	4	5	19	17	.2	13	4.0	1.0	162	1.77	1.95
6223479	6223762	2	2005	23762	3762	0	21	364568	6056214	13J11	6	11	23	31	.2	16	7.3	1.3	193	3.73	4.78
6223481	6223763	2	2005	23763	3763	0	21	361969	6058200	13J11	4	2	8	5	.2	13	2.3	.2	49	.75	.65

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	co1	co2	cr1	cr2	cs1	cu2	dy2	eu1	f9	fe1	fe2
6223482	6223764	2	2005	23764	3764	0	21	361018	6055867	13J11	9	9	26	28	2.0	13	5.8	1.4	199	5.93	6.54
6223483	6223765	2	2005	23765	3765	0	21	358938	6058061	13J11	6	4	14	26	.2	43	9.2	1.9	215	2.01	2.26
6223484	6223766	2	2005	23766	3766	0	21	356822	6057792	13J11	1	2	2	12	.2	12	2.3	.2	71	.96	1.00
6223485	6223767	2	2005	23767	3767	0	21	357279	6055560	13J11	5	9	17	27	.2	14	5.5	1.0	318	1.43	2.09
6223486	6223768	2	2005	23768	3768	0	21	354556	6055699	13J11	1	3	13	12	.2	8	2.5	.6	103	3.44	4.05
6223487	6223769	2	2005	23769	3769	0	21	349843	6056355	13J11	16	17	23	21	.2	17	6.9	1.7	178	5.36	6.42
6223488	6223770	2	2005	23770	3770	0	21	349471	6055314	13J11	4	4	2	11	.2	14	3.7	.7	82	.89	1.03
6223489	6223771	2	2005	23771	3771	0	21	346740	6055521	13J11	1	2	22	13	.2	20	11.6	2.2	124	.54	.75
6223491	6223772	2	2005	23772	3772	0	21	344733	6055628	13J11	62	59	18	15	.2	28	12.6	2.1	210	3.96	4.56
6223492	6223773	2	2005	23773	3773	0	21	343012	6056552	13J11	21	22	26	27	.2	27	7.7	1.5	144	3.50	4.13
6223493	6223774	2	2005	23774	3774	0	21	339575	6059178	13J11	12	11	28	31	.2	28	11.0	2.1	167	4.12	5.32
6223494	6223775	2	2005	23775	3775	0	21	338996	6057692	13J11	41	44	29	38	2.0	45	15.1	2.6	244	8.34	11.93
6223495	6223776	2	2005	23776	3776	0	21	339732	6053808	13J11	11	12	32	36	.2	20	6.5	2.0	287	2.82	3.21
6223496	6223777	2	2005	23777	3777	0	21	339854	6052855	13J11	3	3	8	18	.2	13	2.7	.9	70	.85	1.01
6223497	6223778	2	2005	23778	3778	0	21	343312	6053111	13J11	8	14	18	24	.2	66	10.6	2.2	151	3.33	4.87
6223498	6223779	2	2005	23779	3779	0	21	345625	6053577	13J11	3	2	2	9	.2	10	4.6	.9	140	1.88	2.48
6223499	6253780	5	2005	53780	3780	0	21	333658	6077777	13J13	4	3	13	13	.2	17	7.9	1.7	241	.53	.69
6223501	6253781	5	2005	53781	3781	0	21	332065	6077595	13J13	4	5	2	27	.2	46	21.0	3.6	373	1.20	1.80
6223502	6253782	5	2005	53782	3782	0	21	332654	6076584	13J13	1	3	2	22	.2	52	22.3	4.0	718	.98	1.45
6223503	6253783	5	2005	53783	3783	0	21	335886	6075591	13J13	5	10	27	29	.2	16	10.2	2.0	538	1.78	2.16
6223504	6253784	5	2005	53784	3784	0	21	333802	6075414	13J13	7	11	20	23	.2	50	35.8	6.5	732	2.03	2.83
6223505	6253785	5	2005	53785	3785	1	21	330347	6075471	13J13	6	8	2	15	.2	24	10.3	1.8	271	1.15	1.52
6223506	6253786	5	2005	53786	3786	2	21	330347	6075471	13J13	8	10	18	21	.2	64	18.1	3.3	392	1.55	1.88
6223507	6253787	5	2005	53787	3787	0	21	331911	6073307	13J13	32	44	15	18	.2	31	8.0	1.8	223	1.15	1.48
6223508	6253788	5	2005	53788	3788	0	21	333692	6072912	13J13	2	3	31	30	.2	28	4.0	1.1	95	.54	.55
6223509	6253789	5	2005	53789	3789	0	21	335107	6072954	13J13	14	19	26	36	2.0	56	20.4	3.2	723	3.98	5.03
6223511	6253790	5	2005	53790	3790	0	21	334512	6072218	13J13	11	15	19	19	2.0	38	9.8	2.6	121	2.68	3.19
6223512	6253791	5	2005	53791	3791	0	21	337785	6071141	13J13	6	10	78	62	2.0	15	6.6	1.3	308	1.90	2.51
6223513	6253792	5	2005	53792	3792	0	21	337957	6073119	13J13	6	5	17	20	2.0	52	12.4	3.4	243	1.18	1.35
6223514	6253793	5	2005	53793	3793	0	21	325171	6083036	13J13	2	4	18	22	.2	54	8.2	1.5	293	.90	.98
6223515	6253794	5	2005	53794	3794	0	21	326582	6083950	13J13	9	14	27	39	.2	35	15.9	2.6	365	2.44	2.94
6223516	6253795	5	2005	53795	3795	0	21	325044	6084265	13J13	32	40	38	41	.2	33	4.6	1.4	505	4.47	5.35
6223517	6253796	5	2005	53796	3796	0	21	347865	6055514	13J11	15	18	28	28	.2	52	17.9	2.8	209	5.10	6.00
6223518	6253797	5	2005	53797	3797	0	21	343609	6050759	13J11	2	4	21	12	.2	13	3.1	.9	114	1.70	1.80
6223519	6253798	5	2005	53798	3798	0	21	346054	6051331	13J11	3	5	14	11	.2	16	4.4	.9	91	1.19	1.46
6223521	6253799	5	2005	53799	3799	0	21	348305	6053030	13J11	3	5	16	18	2.0	9	3.4	.5	184	1.27	1.57
6223522	6253800	5	2005	53800	3800	0	21	350650	6052162	13J11	1	1	2	9	.2	16	6.7	.7	73	.31	.31
6223523	6253801	5	2005	53801	3801	0	21	355425	6053316	13J11	1	1	13	8	.2	11	5.0	.8	72	.28	.34
6223524	6253802	5	2005	53802	3802	0	21	355347	6052692	13J11	1	4	14	18	.2	21	4.9	1.0	128	.56	.79
6223525	6253803	5	2005	53803	3803	0	21	356342	6050220	13J11	1	3	14	5	.2	9	8.0	1.7	51	.30	.31
6223526	6253804	5	2005	53804	3804	0	21	361208	6053056	13J11	1	2	9	9	.2	11	2.2	.5	70	.76	.99
6223527	6253805	5	2005	53805	3805	1	21	362355	6053650	13J11	1	1	2	6	.2	11	1.6	.2	48	.29	.31
6223528	6253806	5	2005	53806	3806	2	21	362355	6053650	13J11	3	1	2	6	.2	11	1.7	.8	48	.22	.28
6223529	6253807	5	2005	53807	3807	0	21	364240	6055037	13J11	3	4	15	15	.2	30	5.9	1.2	94	1.58	1.97
6223531	6253808	5	2005	53808	3808	0	21	370474	6053819	13J11	2	7	14	19	.2	8	4.7	.7	396	1.78	2.41
6223532	6253809	5	2005	53809	3809	0	21	370550	6047272	13J11	14	17	17	24	.2	29	9.9	2.1	185	5.65	6.75
6223533	6253810	5	2005	53810	3810	0	21	370377	6045405	13J11	6	6	15	17	.2	92	12.3	3.9	141	1.48	1.59
6223534	6253811	5	2005	53811	3811	0	21	363002	6046614	13J11	1	3	2	10	.2	16	4.0	.8	90	.60	.61
6223535	6253812	5	2005	53812	3812	0	21	362209	6045456	13J11	4	3	12	11	.2	37	6.5	1.7	72	.80	.75
6223536	6253813	5	2005	53813	3813	0	21	361758	6044300	13J11	4	7	18	14	.2	24	5.9	1.2	175	1.42	1.88
6223537	6253814	5	2005	53814	3814	0	21	358342	6043432	13J11	6	5	23	23	.2	45	11.4	3.3	119	1.79	2.20
6223538	6253815	5	2005	53815	3815	0	21	357040	6044525	13J11	3	8	13	20	.2	7	4.8	.9	246	1.21	1.92
6223539	6253816	5	2005	53816	3816	0	21	349858	6047954	13J11	1	1	2	6	.2	11	2.1	.2	38	.31	.38
6223541	6253817	5	2005	53817	3817	0	21	347726	6043680	13J11	1	1	2	3	.2	10	1.7	.6	43	.17	.21
6223542	6253818	5	2005	53818	3818	0	21	343559	6044664	13J11	18	17	16	18	.2	38	9.9	2.9	126	3.21	4.06

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	hf1	k2	la1	la2	li2	loi	lu1	mg2	mn2	mo1	mo2
6222633	6253000	5	2005	53000	3000	0	20	679921	6070025	13K09	.5	.07	66	78	1.3	51.8	.12	.17	116	3.0	2
6222634	6253001	5	2005	53001	3001	0	20	678062	6069807	13K09	.5	.09	66	74	2.1	37.9	.18	.14	213	12.0	6
6222635	6253002	5	2005	53002	3002	0	20	676113	6069185	13K09	.5	.20	41	52	4.1	42.8	.02	.21	216	9.0	3
6222636	6253003	5	2005	53003	3003	0	20	673963	6069298	13K09	.5	.12	36	47	2.5	38.7	.17	.16	276	11.0	5
6222637	6253004	5	2005	53004	3004	0	20	672389	6068737	13K09	.5	.30	37	44	7.4	39.7	.14	.38	362	12.0	6
6222638	6253005	2	2005	53005	3005	0	20	671007	6068263	13K09	.5	.14	17	20	1.7	38.4	.02	.11	54	8.0	2
6222639	6253006	2	2005	53006	3006	0	20	669772	6069566	13K09	.5	.26	66	80	5.5	58.2	.42	.37	454	31.0	20
6222641	6253007	2	2005	53007	3007	0	20	667718	6067880	13K09	1.0	.21	31	36	4.3	37.0	.02	.29	194	6.0	5
6222642	6253008	2	2005	53008	3008	0	20	665019	6067900	13K09	.5	.42	49	57	7.9	45.7	.23	.44	221	.2	2
#NULL!	6273009	2	2005	73009	3009	0	20	665714	6065512	13K09	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!
6222644	6253010	2	2005	53010	3010	0	20	675399	6066307	13K09	4.0	2.12	35	42	24.0	4.0	.34	1.37	679	.2	1
6222645	6253011	5	2005	53011	3011	0	20	673721	6060620	13K09	.5	.06	204	247	1.0	30.3	.50	.09	753	24.0	13
6222646	6253012	5	2005	53012	3012	0	20	676479	6061717	13K09	1.0	.08	61	72	2.2	33.2	.28	.17	92	9.0	4
6222647	6253013	5	2005	53013	3013	0	20	676926	6063590	13K09	.5	.07	88	94	1.1	59.2	.25	.17	360	18.0	8
6222648	6253014	5	2005	53014	3014	0	20	679818	6062633	13K09	.5	.06	37	44	1.6	40.3	.12	.17	102	.2	3
6222649	6253015	5	2005	53015	3015	0	20	680570	6062187	13K09	.5	.09	53	63	1.3	33.5	.40	.13	58	.2	5
6222651	6253016	5	2005	53016	3016	0	20	681408	6062898	13K09	.5	.12	292	387	2.7	48.2	4.05	.18	224	44.0	41
6222652	6253017	5	2005	53017	3017	0	20	683098	6063698	13K09	.5	.08	462	592	2.0	37.5	3.95	.12	358	57.0	39
6222653	6253018	5	2005	53018	3018	0	20	683596	6065217	13K09	2.0	.38	259	320	8.1	34.6	2.18	.29	192	22.0	5
6222654	6253019	5	2005	53019	3019	1	20	686691	6065038	13K09	2.0	.54	94	118	8.6	27.2	.38	.31	157	17.0	5
6222655	6253020	5	2005	53020	3020	2	20	686691	6065038	13K09	3.0	.48	110	134	8.2	26.3	.32	.28	149	9.0	5
6222656	6253021	5	2005	53021	3021	0	20	687332	6066450	13K09	.5	.04	144	161	.7	40.5	.46	.08	54	17.0	8
6222657	6253022	5	2005	53022	3022	0	20	688951	6066554	13K09	4.0	1.76	55	62	23.2	11.1	.36	1.11	519	5.0	4
6222658	6253023	5	2005	53023	3023	0	20	689781	6068976	13K09	1.0	.41	29	30	6.3	75.4	.17	.32	169	.2	1
6222659	6253024	5	2005	53024	3024	0	21	308060	6073660	13J13	.5	.28	174	208	6.0	44.2	.47	.32	1773	13.0	19
6222661	6253025	5	2005	53025	3025	0	21	308666	6075111	13J13	2.0	.44	132	158	6.9	37.9	.52	.44	1932	9.0	10
6222662	6253026	5	2005	53026	3026	0	21	307144	6074900	13J13	.5	.14	38	45	3.4	35.3	.21	.25	291	10.0	5
6222663	6253027	5	2005	53027	3027	0	21	309497	6078298	13J13	.5	.22	72	80	5.8	37.6	.25	.32	138	.2	4
6222664	6253028	5	2005	53028	3028	0	21	311603	6078264	13J13	.5	.07	72	85	1.6	44.5	.12	.14	53	7.0	3
6222665	6253029	5	2005	53029	3029	0	21	312764	6077794	13J13	.5	.71	53	57	10.2	23.8	.10	.55	242	.2	3
6222666	6253030	5	2005	53030	3030	0	21	315113	6078341	13J13	.5	.06	50	53	.9	49.6	.11	.11	87	.2	1
6222667	6253031	5	2005	53031	3031	0	21	316529	6079976	13J13	.5	.09	150	183	2.3	48.1	.20	.15	64	2.0	3
6222668	6253032	5	2005	53032	3032	0	21	317652	6079979	13J13	2.0	1.80	74	86	28.5	15.9	.44	1.32	751	6.0	8
6222669	6253033	5	2005	53033	3033	0	21	321324	6080718	13J13	4.0	1.51	27	32	20.6	12.9	.32	1.01	480	5.0	5
6222671	6253034	5	2005	53034	3034	0	21	323560	6083824	13J13	3.0	1.06	82	101	8.6	18.8	.57	.51	684	6.0	6
6222731	6253035	5	2005	53035	3035	0	21	322636	6085487	13J13	.5	.13	73	84	1.4	45.9	.23	.14	82	3.0	1
6222732	6253036	5	2005	53036	3036	0	21	319640	6088135	13J13	1.0	1.53	88	118	22.5	17.4	.30	1.15	1169	.2	7
6222733	6253037	5	2005	53037	3037	0	21	318469	6089079	13J13	2.0	2.08	50	71	27.2	5.3	.25	1.54	764	.2	4
6222734	6253038	5	2005	53038	3038	0	21	321691	6089769	13J13	1.0	.78	47	55	11.0	32.7	.17	.59	320	6.0	5
6222735	6253039	5	2005	53039	3039	1	20	689554	6065230	13K09	.5	.04	94	109	.7	41.1	.47	.06	28	33.0	5
6222736	6253040	5	2005	53040	3040	2	20	689554	6065230	13K09	.5	.05	110	128	.7	42.6	.62	.06	32	51.0	7
6222737	6253041	2	2005	53041	3041	0	20	686966	6063240	13K09	4.0	1.03	28	34	5.5	30.6	.23	.32	218	.2	4
6222738	6253042	5	2005	53042	3042	0	20	686600	6062150	13K09	.5	.10	39	41	.6	75.5	.17	.08	54	18.0	3
6222739	6253043	5	2005	53043	3043	0	20	685187	6063410	13K09	.5	.08	330	428	1.9	44.5	.81	.10	113	29.0	23
6222741	6253044	5	2005	53044	3044	0	20	683465	6062721	13K09	.5	.17	85	98	2.2	31.4	.25	.13	56	.2	5
6222742	6253045	5	2005	53045	3045	0	20	682063	6061387	13K09	.5	.06	430	539	1.0	36.9	.75	.09	300	45.0	32
6222743	6253046	5	2005	53046	3046	0	20	677933	6058933	13K09	2.0	.40	55	65	3.9	40.5	.49	.24	143	16.0	9
6222744	6253047	5	2005	53047	3047	0	20	675001	6059621	13K09	.5	.07	98	107	1.2	33.0	.02	.16	145	61.0	27
6222745	6253048	5	2005	53048	3048	0	20	674315	6057819	13K09	2.0	.34	170	198	5.1	50.6	1.98	.30	1192	32.0	23
6222746	6253049	5	2005	53049	3049	0	20	671144	6055706	13K09	2.0	.39	83	92	6.5	27.9	.65	.39	1063	19.0	8
6222747	6253050	5	2005	53050	3050	0	20	669441	6053988	13K09	.5	.12	330	352	2.4	41.3	.02	.17	142	332.0	14
6222748	6253051	5	2005	53051	3051	0	20	667050	6053315	13K09	4.0	.47	63	68	3.0	26.5	.70	.23	594	22.0	8
6222749	6253052	5	2005	53052	3052	0	20	665955	6052537	13K09	9.0	1.49	29	34	10.2	11.8	.48	.62	439	.2	2
6222751	6253053	5	2005	53053	3053	0	20	666986	6051916	13K09	2.0	.32	100	120	4.4	26.4	1.29	.22	630	37.0	9
6222752	6253054	5	2005	53054	3054	0	20	670191	6052270	13K09	4.0	.51	63	69	6.4	39.8	.48	.40	546	11.0	4
6222753	6253055	5	2005	53055	3055	0	20	671380	6052629	13K09	7.0	1.23	64	70	9.3	18.7	.53	.51	300	.2	2
6222754	6253056	5	2005	53056	3056	0	20	673571	6053753	13K09	2.0	.48	79	88	9.1	32.4	.55	.35	424	8.0	4
6222755	6253057	5	2005	53057	3057	0	20	675061	6054621	13K09	3.0	.74	26	30	7.5	19.7	.29	.43	207	3.0	1
6222756	6253058	5	2005	53058	3058	0	20	676345	6056223	13K09	.5	.19	56	65	3.1	24.6	.43	.15	71	5.0	2
6222757	6253059	5	2005	53059	3059	1	20	677639	6056753	13K09	2.0	.09	78	92	3.0	32.3	.44	.44	94	.2	3
6222758	6253060	5	2005	53060	3060	2	20	677639	6056753	13K09	.5	.10	82	98	3.9	32.8	.49	.64	126	15.0	3
6222759	6253061	5	2005	53061	3061	0	20	680537	6058283	13K09	5.0	.77	73	91	10.9	30.5	.76	.42	362	.2	5
6222761	6253062	5	2005	53062	3062	0	20	681235	6059168	13K09	.5	.26	110	131	4.9	34.9	.77	.21	353	.2	7
6222762	6253063	5	2005	53063	3063	0	20	683575	6059447	13K09	6.0	2.43	48	55	30.4	3.4	.60	1.46	892	.2	2
6222763	6253064	5	2005	53064	3064	0	20	686817	6058965	13K09	.5	.08	98	114	2.0	33.6	.02	.08	60	73.0	4
6222764	6253065	5	2005	53065	3065	0	20	689884	6059286	13K09	3.0	.41	44	49	7.3	42.1	.44	.26	140	17.0	2
6222765	6253066	5	2005	53066	3066	0	20	690527	6061452	13K09	3.0	.45	41	48	5.0	23.9	.40	.21	130	.2	2
6222766	6253067	5	2005	53067	3067	0	20	692150	6063132	13K09	.5	.15	270	310	2.4	35.4	2.88	.13	312	91.0	15
6222767	6253068	5	2005	53068	3068	0	21	308544	6065178	13J12	.5	.17	196	263	5.2	55.8	3.42	.53	500	44.0	29

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	hf1	k2	la1	la2	li2	loi	lu1	mg2	mn2	mo1	mo2
6222768	6253069	5	2005	53069	3069	0	21	309237	6065177	13J12	3.0	.42	145	190	6.7	52.6	2.32	.43	300	51.0	15
6222769	6253070	5	2005	53070	3070	0	21	308647	6065639	13J12	.5	.19	145	190	8.0	38.3	2.41	.49	197	30.0	7
6222771	6253071	5	2005	53071	3071	0	21	308633	6066105	13J12	.5	.11	102	126	3.4	50.4	1.74	.45	472	51.0	32
6222772	6253072	5	2005	53072	3072	0	21	306934	6066457	13J12	3.0	.40	77	108	5.7	35.8	2.01	.46	157	.2	4
6222773	6253073	5	2005	53073	3073	0	21	308367	6068111	13J12	.5	.09	63	83	1.8	28.2	1.42	.10	39	17.0	6
6222774	6253074	5	2005	53074	3074	0	21	311204	6074351	13J13	.5	.10	85	115	1.9	57.8	.24	.21	115	12.0	6
6222775	6253075	5	2005	53075	3075	0	21	312985	6074002	13J13	.5	.77	111	142	13.4	30.9	1.16	.57	1964	12.0	11
6222776	6253076	5	2005	53076	3076	0	21	314763	6075664	13J13	4.0	.93	102	132	17.4	29.8	1.11	.68	732	.2	7
6222777	6253077	5	2005	53077	3077	0	21	312611	6076460	13J13	5.0	.47	25	29	3.7	25.0	.16	.44	212	.2	1
6222778	6253078	5	2005	53078	3078	0	21	311664	6076972	13J13	.5	.47	33	41	5.9	22.0	.15	.35	159	7.0	3
6222779	6253079	5	2005	53079	3079	0	21	322134	6078120	13J13	.5	.14	279	357	1.8	34.9	2.09	.13	62	22.0	14
6222781	6253080	5	2005	53080	3080	1	21	324735	6077854	13J13	.5	.41	216	279	3.2	34.9	2.03	.19	1071	69.0	51
6222782	6253081	5	2005	53081	3081	2	21	324735	6077854	13J13	4.0	.88	234	301	7.3	24.6	2.57	.36	374	103.0	38
6222783	6253082	5	2005	53082	3082	0	21	323021	6080305	13J13	6.0	1.79	51	70	16.3	5.2	.73	.80	2276	11.0	9
6222843	6253083	5	2005	53083	3083	0	21	325673	6081190	13J13	6.0	2.26	30	41	10.4	6.2	.38	.58	406	.2	4
6222844	6253084	5	2005	53084	3084	0	20	685924	6057529	13K09	1.0	.31	18	22	3.1	32.7	.16	.18	88	.2	1
6222845	6253085	5	2005	53085	3085	0	20	683320	6056995	13K09	.5	.25	187	234	4.2	49.8	.83	.18	522	26.0	11
6222846	6253086	5	2005	53086	3086	0	20	682781	6055589	13K09	3.0	.42	71	88	5.5	33.6	.40	.32	747	13.0	4
6222847	6253087	5	2005	53087	3087	0	20	681180	6055053	13K09	1.0	.22	77	94	3.0	44.8	.44	.20	222	17.0	12
6222848	6253088	5	2005	53088	3088	0	20	678714	6054636	13K09	.5	.14	29	35	1.8	25.8	.16	.09	124	10.0	1
6222849	6253089	5	2005	53089	3089	0	20	679002	6053025	13K09	1.0	.33	24	28	3.3	34.2	.19	.16	126	.2	1
6222851	6253090	5	2005	53090	3090	0	20	677816	6052425	13K09	3.0	.72	17	22	4.3	28.0	.14	.19	140	.2	1
6222852	6253091	5	2005	53091	3091	0	20	677523	6051548	13K09	3.0	1.06	58	71	6.7	27.6	.44	.32	254	.2	2
6222853	6253092	5	2005	53092	3092	0	20	673976	6050626	13K09	3.0	1.65	82	97	24.5	22.0	.60	.95	568	.2	3
6222854	6253093	5	2005	53093	3093	0	20	673686	6051233	13K09	2.0	.27	76	94	3.8	45.6	.37	.17	314	.2	2
6222855	6253094	5	2005	53094	3094	0	20	669333	6048161	13K09	.5	.28	88	98	3.8	35.1	.58	.21	462	15.0	8
6222856	6253095	5	2005	53095	3095	0	20	668985	6049495	13K09	2.0	.11	87	94	1.8	36.9	.41	.12	506	8.0	5
6222857	6253096	5	2005	53096	3096	0	20	667466	6049870	13K09	1.0	.21	32	35	3.1	35.3	.15	.18	137	.2	2
6222858	6253097	5	2005	53097	3097	0	20	665328	6048731	13K09	.5	.20	50	55	3.8	34.5	.28	.20	120	5.0	2
6222859	6253098	5	2005	53098	3098	0	20	662010	6045969	13K09	.5	.31	24	26	2.8	27.1	.18	.18	105	.2	1
6222861	6253099	5	2005	53099	3099	1	20	663582	6044773	13K09	.5	.21	25	28	3.3	27.7	.13	.19	140	5.0	1
6222862	6253100	5	2005	53100	3100	2	20	663582	6044773	13K09	.5	.22	22	24	3.5	27.7	.11	.20	121	.2	1
6222863	6253101	5	2005	53101	3101	0	20	662616	6043115	13K09	.5	.34	124	130	6.1	65.7	.47	.35	213	5.0	5
6222864	6253102	5	2005	53102	3102	0	20	663537	6042495	13K09	2.0	.53	90	100	8.3	32.6	.54	.45	370	10.0	4
6222865	6253103	5	2005	53103	3103	0	20	667043	6042085	13K09	.5	.18	84	91	3.5	43.1	.44	.18	136	10.0	2
6222866	6253104	5	2005	53104	3104	0	20	665852	6045837	13K09	.5	.08	84	91	1.6	47.6	.56	.14	282	.2	2
6222867	6253105	5	2005	53105	3105	0	20	666805	6046499	13K09	.5	.12	96	99	2.0	50.5	.38	.17	169	5.0	4
6222868	6253106	5	2005	53106	3106	0	20	669676	6046371	13K09	.5	.16	69	77	3.7	45.0	.26	.18	184	15.0	3
6222869	6253107	5	2005	53107	3107	0	20	671268	6047092	13K09	1.0	.12	91	105	2.2	57.9	.41	.14	132	15.0	6
6222871	6253108	5	2005	53108	3108	0	20	672384	6048997	13K09	.5	.44	110	120	6.1	36.8	.51	.30	1724	15.0	8
6222872	6253109	5	2005	53109	3109	0	20	673471	6048811	13K09	3.0	.78	51	60	8.4	23.3	.29	.38	1015	.2	4
6222873	6253110	5	2005	53110	3110	0	20	678636	6050703	13K09	1.0	.31	31	33	4.6	39.3	.17	.18	109	5.0	2
6222874	6253111	5	2005	53111	3111	0	20	681208	6052741	13K09	5.0	1.61	98	110	14.8	10.9	.59	.80	1609	34.0	4
6222875	6253112	5	2005	53112	3112	0	20	682293	6052755	13K09	.5	.23	19	20	1.4	46.6	.08	.09	70	.2	1
6222876	6253113	5	2005	53113	3113	0	20	683440	6055295	13K09	.5	.12	110	124	2.1	38.6	.38	.13	187	35.0	6
6222877	6253114	5	2005	53114	3114	0	20	685156	6055145	13K09	.5	.17	88	90	2.6	43.0	.41	.14	125	11.0	3
6222878	6253115	5	2005	53115	3115	0	20	686369	6056481	13K09	4.0	1.10	34	35	8.8	24.7	.21	.44	302	4.0	2
6222879	6253116	5	2005	53116	3116	0	20	687385	6055364	13K09	.5	.10	61	64	2.1	55.5	.39	.13	75	15.0	3
6222881	6253117	5	2005	53117	3117	0	20	688196	6055562	13K09	1.0	.50	54	53	5.5	40.4	.45	.34	311	5.0	2
6222882	6253118	5	2005	53118	3118	0	20	689533	6056655	13K09	.5	.10	92	92	1.9	41.7	.71	.19	511	12.0	8
6222883	6253119	5	2005	53119	3119	1	20	691389	6057871	13K09	.5	.23	32	32	2.9	45.9	.31	.22	112	.2	3
6222884	6253120	5	2005	53120	3120	2	20	691389	6057871	13K09	.5	.21	31	32	2.4	45.3	.24	.19	107	.2	2
6222885	6253121	5	2005	53121	3121	0	20	691863	6059092	13K09	1.0	.19	91	89	2.4	40.8	.30	.20	165	.2	4
6222886	6253122	5	2005	53122	3122	0	21	306804	6060884	13J12	7.0	1.95	120	113	19.7	6.5	.84	1.01	606	44.0	10
6222887	6253123	5	2005	53123	3123	0	21	308335	6062720	13J12	4.0	.67	29	30	4.0	26.0	.22	.28	176	6.0	1
6222888	6253124	5	2005	53124	3124	0	21	311709	6064889	13J12	2.0	.05	95	114	.7	32.7	.37	.07	35	23.0	2
6222889	6253125	5	2005	53125	3125	0	21	311992	6066067	13J12	1.0	.40	36	41	6.0	15.3	.23	.24	108	.2	1
6222891	6253126	5	2005	53126	3126	0	21	313847	6065880	13J12	.5	.29	65	77	6.1	37.1	.26	.26	114	13.0	7
6222892	6253127	5	2005	53127	3127	0	21	316897	6068091	13J12	.5	.05	91	109	.7	61.8	.47	.13	114	13.0	11
6222893	6253128	5	2005	53128	3128	0	21	315411	6068652	13J12	.5	.06	171	199	1.1	41.8	1.96	.09	60	14.0	8
6222894	6253129	5	2005	53129	3129	0	21	323935	6083135	13J13	2.0	.56	114	140	5.5	40.8	.68	.39	1379	34.0	15
6222895	6253130	5	2005	53130	3130	0	21	327471	6085709	13J13	6.0	2.27	25	35	7.7	3.4	.36	.64	475	.2	2
6222896	6253131	5	2005	53131	3131	0	21	326094	6084728	13J13	5.0	1.84	30	39	14.9	8.1	.40	.95	647	5.0	3
6222897	6253132	5	2005	53132	3132	0	20	687673	6052018	13K09	2.0	.82	21	25	10.5	17.2	.13	.35	223	.2	7
6223016	6253133	5	2005	53133	3133	0	20	687980	6050405	13K09	.5	.18	30	38	4.1	22.6	.20	.16	101	.2	3
6223017	6253134	5	2005	53134	3134	0	20	685579	6049870	13K09	.5	.15	26	36	3.8	38.9	.21	.13	71	.2	3
6223018	6253135	5	2005	53135	3135	0	20	684231	6049642	13K09	.5	.14	24	33	2.2	33.1	.28	.11	68	16.0	3
6223019	6253136	5	2005	53136	3136	0	20	682485	6049637	13K09	2.0	.46	65	86	8.7	32.4	.61	.34	608	35.0	26
6223021	6253137	5	2005	53137	3137	0	20	680600	6047921	13K09	3.0	.86	21	28	8.4	20.1	.28	.35	304	3.0	6

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	hf1	k2	la1	la2	li2	loi	lu1	mg2	mn2	mo1	mo2
6223022	6253138	5	2005	53138	3138	0	20	676280	6047613	13K09	.5	.16	49	64	3.7	28.6	.46	.14	71	14.0	5
6223023	6253139	5	2005	53139	3139	1	20	676615	6047059	13K09	.5	.30	34	46	4.6	27.0	.25	.18	112	6.0	3
6223024	6253140	5	2005	53140	3140	2	20	676615	6047059	13K09	.5	.36	32	44	4.6	26.0	.31	.19	124	3.0	3
6223025	6253141	5	2005	53141	3141	0	20	676285	6045723	13K09	.5	.14	136	186	3.5	38.5	.95	.19	508	153.0	127
6223026	6253142	5	2005	53142	3142	0	20	675173	6043594	13K09	3.0	1.58	60	77	20.9	15.3	.63	.89	645	.2	12
6223027	6253143	5	2005	53143	3143	0	20	673063	6042900	13K09	.5	.15	94	125	3.8	44.8	.89	.15	76	.2	3
6223028	6253144	5	2005	53144	3144	0	20	670219	6042295	13K09	.5	.07	67	95	1.5	50.4	.68	.13	122	10.0	4
6223029	6253145	5	2005	53145	3145	0	20	678640	6046050	13K09	.5	.39	49	65	6.7	30.3	.35	.26	222	34.0	7
6223031	6253146	5	2005	53146	3146	0	20	683482	6046450	13K09	.5	.54	48	65	8.8	29.5	.47	.32	197	13.0	3
6223032	6253147	5	2005	53147	3147	0	20	683510	6047251	13K09	.5	.24	71	97	4.5	38.3	.54	.20	144	17.0	4
6223033	6253148	5	2005	53148	3148	0	20	684665	6047702	13K09	.5	.33	240	293	5.3	35.2	1.51	.23	1191	50.0	34
6223034	6253149	5	2005	53149	3149	0	20	686977	6048459	13K09	4.0	.11	158	200	2.3	42.5	1.00	.14	218	.2	17
6223035	6253150	5	2005	53150	3150	0	20	688240	6048884	13K09	.5	.11	90	117	2.1	41.2	.58	.14	152	14.0	6
6223036	6253151	5	2005	53151	3151	0	20	692385	6044991	13K09	3.0	2.03	39	47	27.8	9.3	.37	1.13	667	.2	5
6223037	6253152	5	2005	53152	3152	0	20	690319	6044429	13K09	2.0	.85	50	63	12.1	29.5	.36	.54	302	8.0	7
6223038	6253153	5	2005	53153	3153	0	20	688270	6044290	13K09	.5	.12	60	72	1.4	54.7	.50	.13	105	21.0	14
6222672	6253154	5	2005	53154	3154	0	20	687089	6044551	13K09	.5	.15	33	37	2.2	30.0	.17	.11	67	.2	5
6222673	6253155	5	2005	53155	3155	0	20	684270	6043711	13K09	.5	.65	55	63	8.7	21.0	.31	.40	222	.2	6
6222674	6253156	5	2005	53156	3156	0	20	682626	6043126	13K09	.5	.23	110	126	4.3	31.1	.64	.19	233	29.0	24
6222675	6253157	5	2005	53157	3157	0	20	687479	6046044	13K09	.5	.20	37	42	2.9	30.5	.18	.15	87	.2	2
6222676	6253158	5	2005	53158	3158	0	20	690829	6046027	13K09	.5	.12	41	49	2.3	34.2	.25	.13	93	14.0	6
6222677	6253159	5	2005	53159	3159	0	20	692318	6046886	13K09	2.0	1.45	38	45	18.5	20.0	.18	.79	432	7.0	5
6222678	6253160	5	2005	53160	3160	1	20	691737	6049333	13K09	.5	.54	59	66	8.5	32.1	.35	.37	308	17.0	12
6222679	6253161	5	2005	53161	3161	2	20	691737	6049333	13K09	.5	.57	62	68	8.8	31.4	.39	.39	324	5.0	12
6222681	6253162	5	2005	53162	3162	0	20	690172	6049777	13K09	.5	.16	69	80	3.7	38.3	.32	.18	132	14.0	9
6222682	6253163	5	2005	53163	3163	0	20	690949	6051222	13K09	4.0	1.07	33	36	11.0	28.2	.31	.53	711	16.0	12
6222683	6253164	5	2005	53164	3164	0	20	691882	6051353	13K09	1.0	.44	41	47	7.0	32.2	.22	.29	232	.2	7
6222684	6253165	5	2005	53165	3165	0	20	692491	6053576	13K09	.5	.29	78	94	4.5	35.6	.50	.18	147	8.0	5
6222685	6253166	5	2005	53166	3166	0	20	691302	6053343	13K09	.5	.37	37	44	5.8	35.4	.18	.26	176	6.0	2
6222686	6253167	5	2005	53167	3167	0	20	690012	6054901	13K09	.5	.10	170	207	3.0	56.1	.65	.21	924	17.0	8
6222687	6253168	5	2005	53168	3168	0	20	692375	6055807	13K09	.5	.11	100	116	2.1	33.1	.60	.18	460	18.0	7
6222688	6253169	5	2005	53169	3169	0	21	306854	6058331	13J12	.5	.07	83	98	1.2	27.5	.86	.09	33	35.0	6
6222689	6253170	5	2005	53170	3170	0	21	309398	6060052	13J12	.5	.07	65	74	.7	24.2	.41	.08	88	.2	2
6222691	6253171	5	2005	53171	3171	0	21	310466	6062149	13J12	.5	.14	66	74	1.9	30.8	.21	.14	86	16.0	1
6222692	6253172	5	2005	53172	3172	0	21	308500	6066773	13J12	.5	.12	290	380	2.9	48.0	6.23	.28	439	.2	11
6222693	6253173	5	2005	53173	3173	0	21	321771	6070377	13J13	.5	.13	130	143	2.7	46.1	.77	.19	259	37.0	21
6222694	6253174	5	2005	53174	3174	0	21	323348	6071006	13J13	.5	.05	220	248	1.4	27.3	1.46	.08	484	35.0	34
6222695	6253175	5	2005	53175	3175	0	21	321850	6073135	13J13	3.0	1.21	260	307	13.6	18.9	2.39	.68	1168	49.0	50
6222696	6253176	5	2005	53176	3176	0	21	324963	6073921	13J13	.5	.08	750	941	1.7	35.7	3.94	.08	364	19.0	48
6222697	6253177	5	2005	53177	3177	0	21	324403	6075954	13J13	2.0	1.12	210	243	20.9	25.0	1.26	.74	1330	29.0	21
6222698	6253178	5	2005	53178	3178	0	21	326077	6077858	13J13	.5	.36	20	19	2.0	18.0	.22	.12	83	.2	4
6222699	6253179	5	2005	53179	3179	0	21	325980	6080047	13J13	.5	.51	45	47	8.5	19.8	.31	.29	122	16.0	4
6222701	6253180	5	2005	53180	3180	1	21	308365	6068107	13J12	.5	.12	74	86	2.3	28.8	1.09	.11	51	9.0	6
6222702	6253181	5	2005	53181	3181	2	21	308365	6068107	13J12	.5	.14	77	93	2.6	29.6	.94	.13	62	12.0	6
6222703	6253182	5	2005	53182	3182	0	21	312055	6061972	13J12	.5	.19	128	159	5.1	33.2	.76	.26	1614	12.0	10
6222704	6253183	5	2005	53183	3183	0	21	310790	6060170	13J12	.5	.22	136	172	4.3	35.0	.89	.30	448	9.0	5
6222705	6253184	5	2005	53184	3184	0	21	311170	6059084	13J12	2.0	.96	42	72	17.3	12.5	.37	1.18	857	.2	2
6222706	6253185	5	2005	53185	3185	0	21	309039	6058804	13J12	.5	.06	82	109	1.4	37.0	.65	.13	92	5.0	2
6222707	6253186	5	2005	53186	3186	0	21	311119	6055373	13J12	.5	.13	26	32	1.4	26.4	.02	.10	59	.2	8
6222708	6253187	5	2005	53187	3187	0	21	308794	6053300	13J12	3.0	.08	247	230	1.1	55.6	.02	.09	229	229.0	31
6222709	6253188	5	2005	53188	3188	0	21	308412	6053117	13J12	2.0	.60	43	50	6.5	11.8	.36	.33	256	10.0	3
6222711	6253189	5	2005	53189	3189	0	21	307163	6052180	13J12	1.0	.46	59	65	5.6	28.2	.38	.25	213	22.0	6
6222712	6253190	5	2005	53190	3190	0	21	306395	6051420	13J12	.5	.53	100	119	6.5	35.4	.71	.34	1001	19.0	12
6222713	6253191	5	2005	53191	3191	0	21	307686	6051282	13J12	.5	.08	150	180	1.2	49.6	.68	.12	206	27.0	20
6222714	6253192	5	2005	53192	3192	0	21	308117	6051540	13J12	.5	.05	180	185	.8	56.5	.70	.09	82	43.0	19
6222715	6253193	5	2005	53193	3193	0	21	308052	6051865	13J12	.5	.07	140	134	1.0	48.7	.56	.06	386	87.0	54
6222716	6253194	5	2005	53194	3194	0	21	309689	6051359	13J12	.5	.28	180	205	4.0	26.4	1.08	.60	640	64.0	23
6222717	6253195	5	2005	53195	3195	0	21	311453	6052585	13J12	.5	.14	94	106	2.1	32.4	.42	.28	137	17.0	5
6222718	6253196	5	2005	53196	3196	0	21	311243	6053592	13J12	.5	.22	250	352	4.4	42.2	1.10	.20	4722	50.0	43
6222719	6253197	5	2005	53197	3197	0	21	312676	6054581	13J12	.5	.31	71	78	5.4	32.9	.39	.29	394	15.0	7
6222721	6253198	5	2005	53198	3198	0	21	314786	6056099	13J12	.5	1.18	59	81	10.2	64.9	.32	.52	531	41.0	5
6222722	6253199	5	2005	53199	3199	1	21	313635	6057521	13J12	3.0	.05	68	50	1.1	34.1	.42	.12	161	8.0	5
6222723	6253200	5	2005	53200	3200	2	21	313535	6057484	13J12	4.0	1.41	52	65	10.2	26.8	.37	.61	442	.2	3
6222724	6253201	5	2005	53201	3201	0	21	314785	6058726	13J12	2.0	.53	39	43	5.8	31.4	.28	.31	248	.2	3
6222725	6253202	5	2005	53202	3202	0	21	314117	6059843	13J12	.5	.12	170	212	3.1	36.2	1.00	.18	1943	12.0	24
6222726	6253203	5	2005	53203	3203	0	21	316363	6060814	13J12	2.0	.42	90	105	7.8	34.6	.59	.33	572	6.0	4
6222727	6253204	5	2005	53204	3204	0	21	315129	6062422	13J12	.5	.06	88	100	1.3	34.5	.47	.10	53	10.0	2
6222728	6253205	5	2005	53205	3205	0	21	316160	6063730	13J12	.5	.06	66	75	1.6	41.4	.32	.08	44	12.0	5
6222729	6253206	5	2005	53206	3206	0	21	315674	6064516	13J12	.5	.13	41	47	4.3	25.3	.24	.19	90	.2	2

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	hf1	k2	la1	la2	li2	loi	lu1	mg2	mn2	mo1	mo2
6222784	6253207	5	2005	53207	3207	0	21	316729	6065394	13J12	2.0	.08	51	68	2.1	31.0	.40	.12	56	10.0	2
6222785	6253208	5	2005	53208	3208	0	21	320299	6066280	13J12	.5	.06	29	34	1.1	46.9	.02	.08	44	.2	2
6222786	6253209	5	2005	53209	3209	0	21	320141	6067659	13J12	.5	.08	216	278	1.7	49.9	1.16	.14	1531	40.0	31
6222787	6253210	5	2005	53210	3210	0	21	322389	6068734	13J12	.5	.07	86	105	1.0	20.1	.79	.07	1533	7.0	16
6222788	6253211	5	2005	53211	3211	0	21	323618	6069081	13J12	.5	.07	99	123	.9	40.7	.65	.09	114	14.0	10
6222789	6253212	5	2005	53212	3212	0	21	326434	6070935	13J13	3.0	.08	216	260	1.8	40.4	2.82	.11	380	72.0	33
6222791	6253213	5	2005	53213	3213	0	21	328089	6072308	13J13	.5	.11	279	374	2.9	37.8	2.12	.16	603	50.0	36
6222792	6253214	5	2005	53214	3214	0	21	329529	6072919	13J13	.5	.07	333	415	1.0	36.3	1.50	.08	301	58.0	29
6222793	6253215	5	2005	53215	3215	0	21	327058	6075343	13J13	.5	.07	342	398	1.1	53.7	2.48	.09	136	64.0	22
6222794	6253216	5	2005	53216	3216	0	21	328850	6077242	13J13	.5	.12	171	222	3.5	36.6	1.01	.16	113	142.0	140
6222795	6253217	5	2005	53217	3217	0	21	328580	6079823	13J13	.5	.13	74	97	.7	24.0	.74	.08	165	24.0	15
6222796	6253218	5	2005	53218	3218	0	21	329064	6083475	13J13	5.0	1.58	86	108	11.4	20.1	.99	.59	572	5.0	8
6222797	6253219	5	2005	53219	3219	0	21	331022	6086943	13J13	.5	.23	85	106	2.2	33.3	.64	.15	127	10.0	5
6222799	6253221	5	2005	53221	3221	0	21	331931	6086890	13J13	.5	.13	153	178	1.5	32.0	.97	.13	164	.2	13
6222801	6253222	5	2005	53222	3222	0	21	333300	6087840	13J13	5.0	1.08	44	56	4.8	24.7	.58	.28	237	7.0	6
6222802	6253223	5	2005	53223	3223	0	21	333761	6088460	13J13	8.0	1.21	48	66	7.5	26.2	.70	.49	422	9.0	6
6222803	6253224	5	2005	53224	3224	0	21	334100	6091383	13J13	5.0	1.27	126	156	9.5	21.2	1.20	.55	2495	20.0	11
6222804	6253225	5	2005	53225	3225	0	21	330664	6090383	13J13	4.0	.71	27	32	3.0	46.0	.02	.23	200	18.0	7
6222805	6253226	5	2005	53226	3226	0	21	329765	6089489	13J13	.5	.21	45	55	2.0	39.8	.02	.14	110	59.0	14
6222806	6253227	5	2005	53227	3227	0	21	328607	6089250	13J13	5.0	.82	15	19	5.5	31.6	.22	.31	173	.2	3
6222807	6253228	5	2005	53228	3228	0	21	321768	6066090	13J12	.5	.07	135	169	1.6	43.5	1.01	.12	527	14.0	16
6222808	6253229	5	2005	53229	3229	0	21	320631	6063480	13J12	.5	.05	23	29	.9	42.8	.23	.10	43	7.0	2
6222809	6253230	5	2005	53230	3230	0	21	319088	6063477	13J12	5.0	.45	117	138	1.8	57.0	.56	.51	327	.2	4
6222811	6253231	5	2005	53231	3231	0	21	317094	6062249	13J12	4.0	.61	69	95	11.5	29.8	.85	.80	824	.2	5
6222812	6253232	5	2005	53232	3232	0	21	319062	6061266	13J12	.5	.14	59	75	3.9	40.1	.67	.21	251	15.0	3
6222813	6253233	5	2005	53233	3233	0	21	316499	6058866	13J12	3.0	.17	145	197	5.5	27.1	1.86	.19	488	23.0	14
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6222815	6253235	5	2005	53235	3235	0	21	314729	6053700	13J12	.5	.12	36	46	1.3	25.4	.24	.10	62	.2	5
6222816	6253236	5	2005	53236	3236	0	21	313112	6052926	13J12	.5	.14	81	105	7.6	38.9	.48	.95	173	.2	7
6222817	6253237	5	2005	53237	3237	0	21	313951	6052004	13J12	.5	.06	60	78	.5	32.6	.28	.06	50	.2	3
6222818	6253238	5	2005	53238	3238	0	21	310631	6048470	13J12	.5	.18	32	42	1.0	71.3	.23	.11	91	.2	1
6222819	6253239	5	2005	53239	3239	1	21	306970	6047395	13J12	3.0	.70	102	123	8.8	20.5	.99	.50	379	24.0	6
6222821	6253240	5	2005	53240	3240	2	21	306970	6047395	13J12	5.0	1.10	94	114	10.8	15.4	1.01	.65	414	21.0	7
6222822	6253241	5	2005	53241	3241	0	21	306085	6046562	13J12	4.0	1.56	64	66	18.6	7.9	.70	.77	3854	13.0	6
6222823	6253242	5	2005	53242	3242	0	21	313068	6043393	13J12	.5	.44	81	88	3.8	18.7	.82	.19	1571	11.0	7
6222824	6253243	5	2005	53243	3243	0	21	314248	6044301	13J12	7.0	1.85	42	51	7.0	4.9	.62	.48	5689	.2	5
6222825	6253244	5	2005	53244	3244	0	21	319544	6044202	13J12	4.0	.44	22	23	1.6	22.2	.31	.21	151	.2	3
6222826	6253245	5	2005	53245	3245	0	21	320676	6043584	13J12	4.0	.84	43	51	3.5	17.5	.57	.30	243	.2	3
6222827	6253246	5	2005	53246	3246	0	21	323588	6043083	13J12	4.0	1.02	160	181	5.8	22.1	1.53	.38	1142	18.0	17
6222828	6253247	5	2005	53247	3247	0	21	328145	6044589	13J12	3.0	.50	90	112	3.2	21.8	.31	.24	208	.2	5
6222829	6253248	5	2005	53248	3248	0	21	328871	6044906	13J12	2.0	.14	180	212	1.2	25.8	1.93	.10	59	23.0	9
6222831	6253249	5	2005	53249	3249	0	21	330766	6042946	13J12	.5	.25	35	38	1.5	20.2	.21	.10	74	.2	3
6222832	6253250	5	2005	53250	3250	0	21	334018	6043425	13J12	9.0	2.00	49	56	7.3	8.5	.78	.52	486	.2	5
6222833	6253251	5	2005	53251	3251	#NULL!	21	337828	6048639	13J12	1.0	.26	75	84	1.7	31.8	.47	.16	132	8.0	3
6222834	6253252	5	2005	53252	3252	0	21	335683	6047759	13J12	.5	.04	4	4	.1	97.4	.02	.05	37	.2	1
6222835	6253253	5	2005	53253	3253	0	21	333618	6047047	13J12	1.0	1.12	49	59	10.5	19.0	.22	.53	313	.2	3
6222836	6253254	5	2005	53254	3254	0	21	334467	6045823	13J12	6.0	2.31	23	31	5.8	4.8	.37	.60	538	.2	1
6222837	6253255	5	2005	53255	3255	0	21	333253	6044940	13J12	3.0	.68	33	39	4.1	20.7	.30	.38	272	12.0	6
6222838	6253256	5	2005	53256	3256	0	21	332345	6045687	13J12	2.0	.60	170	209	5.5	24.4	.79	.32	376	8.0	15
6222839	6253257	5	2005	53257	3257	0	21	331172	6046000	13J12	5.0	1.49	60	78	11.5	11.6	.48	.77	927	4.0	7
6222841	6253258	5	2005	53258	3258	0	21	331525	6047611	13J12	2.0	.17	62	70	1.0	22.0	.31	.12	106	.2	5
6222842	6253259	5	2005	53259	3259	1	21	328270	6048918	13J12	1.0	.24	65	80	3.6	37.6	.37	.19	149	.2	2
6222898	6253260	5	2005	53260	3260	2	21	328270	6048918	13J12	1.0	.28	71	90	3.6	34.1	.33	.21	160	.2	2
6222899	6253261	5	2005	53261	3261	0	21	325268	6047482	13J12	2.0	1.17	71	99	14.1	24.5	.21	.63	434	.2	5
6222901	6253262	5	2005	53262	3262	0	21	319625	6048631	13J12	.5	.07	94	121	.4	43.8	.15	.06	26	6.0	2
6222902	6253263	5	2005	53263	3263	0	21	316538	6049161	13J12	.5	.07	49	70	1.3	41.0	.18	.10	60	8.0	12
6222903	6253264	5	2005	53264	3264	0	21	319303	6050110	13J12	2.0	.24	33	44	1.1	25.3	.02	.14	85	.2	3
6222904	6253265	5	2005	53265	3265	0	21	321490	6051689	13J12	.5	.24	170	227	2.3	17.2	.94	.15	1924	.2	9
6222905	6253266	5	2005	53266	3266	0	21	320479	6053355	13J12	.5	.38	349	522	3.6	34.5	1.44	.24	258	82.0	59
6222906	6253267	5	2005	53267	3267	0	21	320888	6054756	13J12	.5	.06	69	98	.5	58.4	.19	.07	37	4.0	4
6222907	6253268	5	2005	53268	3268	0	21	322118	6055376	13J12	2.0	.39	111	151	3.3	20.2	.41	.25	275	26.0	14
6222908	6253269	5	2005	53269	3269	0	21	321516	6056350	13J12	.5	.17	264	374	2.9	26.1	1.39	.17	1077	74.0	53
6222909	6253270	5	2005	53270	3270	0	21	320649	6058629	13J12	.5	.38	111	159	53.6	28.2	.50	.66	1093	.2	9
6222911	6253271	5	2005	53271	3271	0	21	323128	6060563	13J12	2.0	.83	71	86	15.1	37.9	.91	.65	786	4.0	11
6222912	6253272	5	2005	53272	3272	0	21	323504	6062837	13J12	.5	.09	35	39	1.6	27.6	.14	.11	50	.2	2
6222913	6253273	5	2005	53273	3273	0	21	323195	6064697	13J12	.5	.04	16	19	.5	42.7	.02	.10	38	.2	2
6222914	6253274	5	2005	53274	3274	0	21	323522	6066207	13J12	.5	.05	53	63	.5	42.4	.21	.14	64	.2	3
6222915	6253275	5	2005	53275	3275	0	21	327108	6068198	13J12	.5	.05	87	102	.7	34.5	.44	.09	44	4.0	5
6222916	6253276	5	2005	53276	3276	0	21	328590	6069323	13J12	.5	.07	250	294	1.0	33.3	.81	.11	285	13.0	21

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	hf1	k2	la1	la2	li2	loi	lu1	mg2	mn2	mo1	mo2
6222917	6253277	5	2005	53277	3277	0	21	326555	6062227	13J12	4.0	1.19	36	50	22.2	10.1	.34	2.22	3063	.2	5
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6222921	6253280	5	2005	53280	3280	2	21	323457	6058415	13J12	2.0	.48	120	133	6.8	37.4	.72	.30	1199	53.0	12
6222922	6253281	5	2005	53281	3281	0	21	325663	6057142	13J12	.5	.32	41	55	2.0	31.9	.24	.15	108	11.0	3
6222923	6253282	5	2005	53282	3282	0	21	326571	6057165	13J12	.5	.14	49	66	4.9	31.0	.30	.66	159	21.0	4
6222924	6253283	5	2005	53283	3283	0	21	325602	6056545	13J12	1.0	.43	51	66	7.8	25.2	.32	1.27	371	.2	5
6222925	6253284	5	2005	53284	3284	0	21	322971	6054772	13J12	.5	.07	187	253	.7	31.8	.71	.09	10087	27.0	26
6222926	6253285	5	2005	53285	3285	0	21	322113	6053545	13J12	.5	.08	145	194	1.0	50.5	.46	.09	69	14.0	4
6222927	6253286	5	2005	53286	3286	0	21	324461	6052619	13J12	.5	.08	61	85	1.4	58.4	.25	.16	83	.2	2
6222928	6253287	5	2005	53287	3287	0	21	325463	6053337	13J12	.5	.16	111	157	1.7	35.6	.53	.20	261	.2	15
6222929	6253288	5	2005	53288	3288	0	21	324689	6050124	13J12	.5	.06	28	40	.3	27.2	.02	.06	38	.2	1
6222931	6253289	5	2005	53289	3289	0	21	326838	6050728	13J12	.5	.21	69	94	2.7	27.8	.24	.16	104	.2	2
6222932	6253290	5	2005	53290	3290	0	21	327376	6051835	13J12	.5	.05	19	24	.1	64.8	.02	.03	25	.2	3
6222933	6253291	5	2005	53291	3291	0	21	329031	6050550	13J12	.5	.04	100	123	.7	45.5	.35	.07	70	7.0	4
6222934	6253292	5	2005	53292	3292	0	21	330807	6050788	13J12	.5	.21	98	112	2.8	39.0	.49	.26	209	.2	6
6222935	6253293	5	2005	53293	3293	0	21	333733	6050263	13J12	3.0	1.42	39	44	4.6	11.5	.34	.50	371	.2	3
6222936	6253294	5	2005	53294	3294	0	21	337989	6053557	13J12	.5	.08	89	104	.8	31.9	.49	.10	111	18.0	5
6222937	6253295	5	2005	53295	3295	0	21	336240	6051754	13J12	2.0	.26	140	150	3.0	45.6	.43	.31	318	.2	4
6222938	6253296	5	2005	53296	3296	0	21	334823	6051700	13J12	.5	.15	35	40	1.2	35.6	.02	.17	108	.2	3
6222939	6253297	5	2005	53297	3297	0	21	333354	6051752	13J12	.5	.12	39	43	1.0	32.5	.17	.11	104	9.0	3
6222941	6253298	5	2005	53298	3298	0	21	330862	6052761	13J12	1.0	.17	47	53	.8	26.4	.22	.11	74	.2	1
6222942	6253299	5	2005	53299	3299	1	21	331560	6054786	13J12	.5	.25	69	78	2.3	24.1	.49	.18	516	6.0	11
6222943	6253300	5	2005	53300	3300	2	21	331560	6054786	13J12	.5	.23	68	73	2.1	25.5	.52	.16	532	17.0	13
6222944	6253301	5	2005	53301	3301	0	21	333274	6055579	13J12	2.0	.17	81	92	2.3	28.5	.56	.22	242	8.0	12
6222945	6253302	5	2005	53302	3302	0	21	334859	6055717	13J12	.5	.08	130	148	1.1	37.5	.88	.11	81	12.0	10
6222946	6253303	5	2005	53303	3303	0	21	337925	6056812	13J12	5.0	2.10	53	70	10.4	7.1	.47	.76	488	.2	9
6222947	6253304	5	2005	53304	3304	0	21	338330	6058965	13J12	.5	.09	97	114	3.0	39.4	.53	.14	117	7.0	11
6222948	6253305	5	2005	53305	3305	0	21	335166	6057362	13J12	.5	.04	93	110	.6	35.2	.34	.07	64	10.0	3
6222949	6253306	5	2005	53306	3306	0	21	333330	6057353	13J12	.5	.33	150	182	6.1	32.2	1.12	.35	299	14.0	16
6222951	6253307	5	2005	53307	3307	0	21	331498	6058253	13J12	.5	.19	270	321	3.0	58.8	1.56	.19	195	30.0	32
6222952	6253308	5	2005	53308	3308	0	21	331072	6057713	13J12	.5	.05	250	295	1.0	39.1	6.94	.09	40	108.0	9
6222953	6253309	5	2005	53309	3309	0	21	328906	6057546	13J12	.5	.10	100	120	2.1	26.8	1.03	.18	83	16.0	6
6222954	6253310	5	2005	53310	3310	0	21	328301	6055772	13J12	.5	.07	95	111	.8	36.6	.34	.11	78	8.0	9
6222955	6253311	5	2005	53311	3311	0	21	332240	6059509	13J12	.5	.23	220	273	2.9	31.2	1.24	.17	318	37.0	23
6222956	6253312	5	2005	53312	3312	0	21	330901	6060357	13J12	.5	.21	74	89	4.0	39.0	.72	.30	401	11.0	4
6222957	6253313	5	2005	53313	3313	0	21	330089	6061549	13J12	.5	.33	39	46	3.4	30.9	.17	.36	197	6.0	3
6222958	6253314	5	2005	53314	3314	0	21	328818	6061851	13J12	.5	.08	38	46	1.1	27.8	.29	.11	84	.2	2
6222959	6253315	5	2005	53315	3315	0	21	332536	6061362	13J12	2.0	.84	34	41	4.7	48.4	.28	.43	392	.2	2
6222961	6253316	5	2005	53316	3316	0	21	335967	6060914	13J12	.5	.25	150	179	4.7	21.4	.95	.25	1443	15.0	11
6222962	6253317	5	2005	53317	3317	0	21	338750	6061140	13J12	3.0	.79	72	90	19.5	17.8	.60	1.22	1372	12.0	9
6222963	6253318	5	2005	53318	3318	0	21	335988	6063912	13J12	5.0	1.25	53	64	9.5	12.6	.58	1.13	654	5.0	6
6222964	6253319	5	2005	53319	3319	1	21	334847	6064536	13J12	1.0	.45	77	91	5.7	28.7	.61	.49	481	11.0	8
6222965	6253320	5	2005	53320	3320	2	21	334847	6064536	13J12	2.0	.47	81	96	5.9	28.3	.71	.51	508	7.0	7
6222966	6253321	5	2005	53321	3321	0	21	333047	6065175	13J12	.5	.86	70	92	7.0	23.7	.70	.45	1142	10.0	6
6222967	6253322	5	2005	53322	3322	0	21	332360	6064049	13J12	.5	.20	104	129	3.2	36.0	.68	.24	238	6.0	3
6222968	6253323	5	2005	53323	3323	0	21	330922	6064061	13J12	.5	.14	56	76	2.4	45.7	.54	.17	192	8.0	2
6222969	6253324	5	2005	53324	3324	0	21	330093	6064787	13J12	.5	.68	59	81	11.0	30.4	.49	.66	1262	14.0	5
6222971	6253325	5	2005	53325	3325	0	21	335787	6066988	13J12	.5	.75	71	92	6.7	29.6	.64	.37	389	.2	12
6222972	6253326	5	2005	53326	3326	0	21	333747	6068797	13J12	.5	.31	62	84	3.7	31.1	.27	.23	133	36.0	6
6222973	6253327	5	2005	53327	3327	0	21	331315	6069899	13J12	.5	.06	59	82	1.1	45.9	.45	.17	63	12.0	4
6222974	6253328	5	2005	53328	3328	0	21	332661	6070806	13J13	.5	.05	50	66	.5	40.0	.25	.07	32	22.0	5
6222975	6253329	5	2005	53329	3329	0	21	331548	6071685	13J13	.5	.07	96	118	1.1	36.2	.69	.14	152	21.0	14
6222976	6253330	5	2005	53330	3330	0	21	328773	6098724	13O04	4.0	1.56	48	64	19.3	15.2	.42	1.20	482	20.0	17
6222977	6253331	5	2005	53331	3331	0	21	330568	6098318	13O04	3.0	1.02	70	84	11.7	25.5	.37	.71	471	.2	6
6222978	6253332	5	2005	53332	3332	0	21	330873	6099831	13O04	4.0	.74	66	79	7.4	31.3	.31	.46	209	6.0	2
6222979	6253333	5	2005	53333	3333	0	21	332302	6101089	13O04	3.0	1.26	35	42	18.8	22.1	.33	.92	374	8.0	2
6222981	6253334	5	2005	53334	3334	0	21	333704	6101639	13O04	5.0	1.74	61	71	22.5	14.1	.47	1.28	716	13.0	10
6222982	6253335	5	2005	53335	3335	0	21	333165	6105097	13O04	3.0	.68	88	101	12.5	34.4	.63	.62	1093	26.0	7
6222983	6253336	5	2005	53336	3336	0	21	335390	6106611	13O04	5.0	1.55	67	80	19.3	14.4	.59	1.10	1014	18.0	13
6222984	6253337	5	2005	53337	3337	0	21	337447	6108780	13O04	7.0	1.65	21	26	10.9	5.9	.36	.85	422	3.0	2
6222985	6253338	5	2005	53338	3338	0	21	339330	6110230	13O04	4.0	1.31	43	49	15.3	15.8	.62	.83	385	.2	5
6222988	6253341	5	2005	53341	3341	0	21	339418	6115027	13O04	6.0	1.48	28	31	10.1	8.0	.25	.80	393	.2	2
6222989	6253342	5	2005	53342	3342	0	21	338857	6116293	13O04	6.0	.89	86	104	14.2	30.9	.02	.74	340	42.0	7
6222991	6253343	2	2005	53343	3343	0	21	339732	6118226	13O04	5.0	.97	20	42	9.6	3.3	.20	.69	321	.2	1
6222992	6253344	5	2005	53344	3344	0	21	337364	6115912	13O04	5.0	1.33	34	24	7.6	16.6	.21	.72	359	.2	2
6222993	6253345	5	2005	53345	3345	0	21	337194	6114000	13O04	6.0	1.38	25	28	9.9	7.5	.23	.82	431	.2	2
#NULL!	6273346	7	2005	73346	3346	0	21	335999	6113466	13O04	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!
6222995	6253347	5	2005	53347	3347	0	21	337440	6112299	13O04	4.0	1.34	39	46	21.8	15.6	.28	1.03	450	4.0	2

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	hf1	k2	la1	la2	li2	loi	lu1	mg2	mn2	mo1	mo2
6222996	6253348	5	2005	53348	3348	0	21	335183	6111484	13O04	4.0	.66	58	70	7.4	32.7	.20	.42	204	.2	1
6222997	6253349	5	2005	53349	3349	0	21	333371	6111817	13O04	5.0	.76	26	34	10.7	19.6	.26	.53	295	.2	2
6222998	6253350	5	2005	53350	3350	0	21	335832	6109573	13O04	6.0	1.57	32	35	18.2	10.5	.25	.97	433	.2	2
6222999	6253351	5	2005	53351	3351	0	21	335214	6107906	13O04	5.0	1.36	26	29	17.5	15.2	.27	.82	353	4.0	3
6223001	6253352	5	2005	53352	3352	0	21	333707	6106305	13O04	4.0	.93	31	37	10.1	19.6	.23	.64	397	5.0	5
6223002	6253353	5	2005	53353	3353	0	21	332837	6106767	13O04	5.0	1.15	25	29	10.3	11.6	.24	.72	406	.2	3
6223003	6253354	5	2005	53354	3354	0	21	332016	6105799	13O04	2.0	.90	41	49	16.0	28.5	.27	.73	367	.2	5
6223004	6253355	5	2005	53355	3355	0	21	331631	6103707	13O04	6.0	1.30	45	52	15.8	10.3	.38	.84	466	1.0	3
6223005	6253356	5	2005	53356	3356	0	21	330997	6102399	13O04	6.0	1.79	50	58	20.7	7.4	.36	1.25	610	.2	3
6223006	6253357	5	2005	53357	3357	0	21	324833	6099081	13O04	2.0	.70	33	41	9.8	24.8	.13	.59	280	.2	5
6223007	6253358	5	2005	53358	3358	0	21	325972	6100833	13O04	5.0	1.72	40	48	20.1	4.1	.29	1.41	662	.2	7
6223008	6253359	5	2005	53359	3359	0	21	328024	6102944	13O04	2.0	.51	78	93	8.1	31.6	.18	.43	351	21.0	13
6223009	6253360	5	2005	53360	3360	0	21	329147	6103944	13O04	3.0	.84	85	100	13.0	23.0	.25	.68	823	.2	10
6223011	6253361	5	2005	53361	3361	0	21	330077	6106016	13O04	4.0	.89	25	32	12.6	16.1	.20	.79	366	8.0	2
6223012	6253362	5	2005	53362	3362	0	21	330078	6106016	13O04	3.0	.88	24	31	12.2	15.6	.15	.79	358	.2	2
6223013	6253363	5	2005	53363	3363	0	21	328256	6105703	13O04	.5	.67	55	70	11.6	30.5	.26	.75	473	.2	7
6223014	6253364	5	2005	53364	3364	0	21	327559	6103489	13O04	3.0	.97	29	40	12.3	17.3	.24	.85	492	.2	6
6223015	6253365	5	2005	53365	3365	0	21	325847	6103770	13O04	2.0	.23	29	39	4.5	47.4	.13	.43	179	.2	2
6223039	6253366	5	2005	53366	3366	0	21	323244	6103690	13O04	2.0	.79	113	153	19.1	19.2	.34	1.27	866	10.0	7
6223041	6253367	5	2005	53367	3367	0	21	322548	6102053	13O04	2.0	.45	113	142	10.9	28.5	.22	.66	572	12.0	7
6223042	6253368	5	2005	53368	3368	0	21	323422	6099770	13O04	.5	.37	56	69	6.4	29.0	.16	.35	364	10.0	3
6223043	6253369	5	2005	53369	3369	0	21	316210	6097728	13J13	5.0	1.09	52	64	15.0	20.9	.17	.68	379	.2	3
6223044	6253370	5	2005	53370	3370	0	21	317427	6097261	13J13	2.0	.58	40	48	10.5	27.5	.14	.43	204	.2	2
6223045	6253371	5	2005	53371	3371	0	21	319421	6097458	13J13	2.0	.96	35	41	16.5	27.7	.17	.71	269	.2	3
6223046	6253372	5	2005	53372	3372	0	21	323463	6097376	13J13	2.0	.30	90	113	5.0	34.8	.21	.33	725	12.0	8
6223047	6253373	5	2005	53373	3373	0	21	322866	6093242	13J13	.5	.05	29	38	.1	89.4	.10	.08	46	6.0	2
6223048	6253374	5	2005	53374	3374	0	21	322416	6091223	13J13	2.0	.36	42	53	5.6	33.6	.21	.38	166	6.0	6
6223049	6253375	5	2005	53375	3375	0	21	318713	6091713	13J13	.5	.09	210	266	1.2	41.6	.34	.15	680	23.0	22
6223051	6253376	5	2005	53376	3376	0	21	316230	6091955	13J13	.5	.16	63	80	3.8	35.7	.10	.24	131	5.0	3
6223052	6253377	5	2005	53377	3377	0	21	319744	6091825	13J13	3.0	.50	128	159	4.7	50.7	.37	.38	241	38.0	34
6223053	6253378	5	2005	53378	3378	0	21	319771	6099023	13O04	2.0	.42	22	25	5.0	27.4	.02	.32	139	.2	2
6223054	6253379	5	2005	53379	3379	0	21	320615	6100795	13O04	.5	.09	105	135	1.3	49.5	.22	.15	246	12.0	9
6223055	6253380	5	2005	53380	3380	0	21	320615	6100795	13O04	.5	.08	105	124	1.2	48.1	.21	.14	241	.2	8
6223056	6253381	5	2005	53381	3381	0	21	319162	6100849	13O04	1.0	.16	22	24	2.1	30.5	.02	.14	67	.2	2
6223057	6253382	5	2005	53382	3382	0	21	317992	6101423	13O04	.5	.19	68	79	3.5	32.9	.18	.19	483	23.0	14
6223058	6253383	5	2005	53383	3383	0	21	317260	6102191	13O04	.5	.14	98	117	2.4	36.8	.22	.18	699	29.0	21
6223059	6253384	5	2005	53384	3384	0	21	318456	6103845	13O04	.5	.24	83	94	5.2	38.0	.21	.27	1221	17.0	14
6223061	6253385	5	2005	53385	3385	0	21	319925	6105210	13O04	1.0	.15	83	99	2.7	43.6	.20	.17	193	11.0	8
6223062	6253386	5	2005	53386	3386	0	21	321927	6104593	13O04	.5	.33	143	161	7.8	25.7	.20	.32	285	.2	6
6223063	6253387	5	2005	53387	3387	0	21	321457	6106429	13O04	.5	.09	105	115	1.9	40.2	.22	.13	210	18.0	12
6223064	6253388	5	2005	53388	3388	0	21	322041	6107386	13O04	.5	.11	44	52	2.5	33.0	.51	.15	74	5.0	2
6223065	6253389	5	2005	53389	3389	0	21	323553	6106912	13O04	.5	.09	135	157	1.7	44.7	.27	.14	104	8.0	4
6223066	6253390	5	2005	53390	3390	0	21	323221	6108350	13O04	.5	.10	60	71	2.5	32.2	1.36	.14	346	18.0	10
6223067	6253391	5	2005	53391	3391	0	21	325017	6107665	13O04	3.0	.61	44	51	11.8	29.7	1.24	.42	209	26.0	4
6223068	6253392	5	2005	53392	3392	0	21	326500	6107189	13O04	4.0	.99	26	31	16.8	18.3	.85	.69	304	.2	8
6223069	6253393	5	2005	53393	3393	0	21	327360	6108920	13O04	6.0	1.67	68	88	15.3	10.1	.99	.87	459	.2	3
6223071	6253394	5	2005	53394	3394	0	21	331472	6108942	13O04	.5	.04	13	15	.1	94.5	.28	.15	55	.2	1
6223072	6253395	5	2005	53395	3395	0	21	329492	6109909	13O04	.5	.39	120	150	7.3	37.8	1.85	.33	250	61.0	24
6223073	6253396	5	2005	53396	3396	0	21	328594	6110708	13O04	3.0	.66	105	127	8.5	38.4	.79	.32	397	103.0	58
6223074	6253397	5	2005	53397	3397	0	21	326956	6109901	13O04	2.0	.45	128	148	7.0	40.6	2.32	.30	255	.2	34
6223075	6253398	5	2005	53398	3398	0	21	332105	6115919	13O04	4.0	1.62	66	79	20.1	16.8	.55	.97	609	26.0	27
6223076	6253399	5	2005	53399	3399	1	21	326682	6113689	13O04	2.0	.33	59	58	7.8	39.9	3.08	.39	133	.2	6
6223077	6253400	5	2005	53400	3400	2	21	326682	6113689	13O04	3.0	.36	61	65	8.7	41.3	3.00	.42	148	.2	6
6223078	6253401	5	2005	53401	3401	0	21	324251	6113003	13O04	2.0	.24	51	51	4.7	24.9	1.51	.17	91	16.0	4
6223079	6253402	5	2005	53402	3402	0	21	325074	6111058	13O04	3.0	.41	86	93	7.1	42.1	3.90	.26	211	.2	16
6223081	6253403	5	2005	53403	3403	0	21	319846	6109053	13O04	3.0	1.26	15	21	9.9	8.9	.15	.69	332	.2	1
6223082	6253404	5	2005	53404	3404	0	21	318738	6107628	13O04	.5	.29	105	106	4.9	25.1	.24	.30	336	7.0	4
6223083	6253405	5	2005	53405	3405	0	21	316827	6106136	13O04	4.0	2.11	36	52	27.2	2.5	.16	1.33	550	.2	4
6223084	6253406	5	2005	53406	3406	0	21	317270	6104763	13O04	1.0	.12	52	58	1.3	37.1	.12	.14	261	.2	6
6223085	6253407	5	2005	53407	3407	0	21	315468	6103642	13O04	2.0	.54	57	62	10.2	38.2	.15	.44	402	9.0	11
6223086	6253408	5	2005	53408	3408	0	21	316490	6100236	13O04	.5	.14	49	51	2.4	36.9	.15	.15	126	.2	5
6223087	6253409	5	2005	53409	3409	0	21	315297	6100373	13O04	1.0	.37	41	44	5.7	26.1	.14	.28	346	12.0	14
6223088	6253410	5	2005	53410	3410	0	21	314277	6101050	13O04	.5	.16	28	31	3.7	33.4	.02	.18	85	4.0	6
6223089	6253411	5	2005	53411	3411	0	21	312761	6099032	13O04	2.0	.53	190	195	12.8	26.7	.29	.40	322	26.0	32
6223091	6253412	5	2005	53412	3412	0	21	312307	6102657	13O04	2.0	.69	62	67	12.5	32.8	.22	.49	482	.2	6
6223092	6253413	5	2005	53413	3413	0	21	313882	6104580	13O04	3.0	.58	140	145	8.3	35.7	.32	.42	247	5.0	5
6223093	6253414	5	2005	53414	3414	0	21	315220	6105951	13O04	2.0	.81	120	139	12.9	20.1	.31	.48	1047	.2	5
6223094	6253415	5	2005	53415	3415	0	21	316221	6108119	13O04	4.0	1.29	31	43	13.5	13.0	.14	.67	401	.2	2
6223095	6253416	5	2005	53416	3416	0	21	318483	6110428	13O04	2.0	.25	26	29	3.3	27.4	.02	.20	134	.2	2

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	hf1	k2	la1	la2	li2	loi	lu1	mg2	mn2	mo1	mo2
6223096	6253417	5	2005	53417	3417	0	21	316922	6110084	13O04	4.0	1.68	39	46	19.1	7.2	.19	.89	623	.2	3
6223097	6253418	5	2005	53418	3418	0	21	314888	6110864	13O04	4.0	.87	46	51	7.5	38.0	.02	.35	186	.2	2
6223098	6253419	5	2005	53419	3419	1	21	314439	6112346	13O04	4.0	1.16	39	39	14.8	17.7	.21	.70	314	6.0	5
6223099	6253420	5	2005	53420	3420	2	21	314439	6112346	13O04	4.0	1.23	37	40	13.5	18.1	.20	.72	332	6.0	4
6223101	6253421	5	2005	53421	3421	0	21	311780	6111825	13O04	3.0	1.70	24	29	13.6	4.8	.17	.83	345	.2	2
6223102	6253422	5	2005	53422	3422	0	21	312240	6108625	13O04	.5	.18	50	57	3.0	48.1	.16	.22	184	19.0	4
6223103	6253423	5	2005	53423	3423	0	21	313858	6108500	13O04	.5	.16	98	105	2.5	44.1	.02	.16	233	41.0	12
6223104	6253424	5	2005	53424	3424	0	21	313742	6106304	13O04	4.0	1.65	24	30	13.0	8.4	.13	.62	319	2.0	3
6223105	6253425	5	2005	53425	3425	0	21	311860	6104584	13O04	.5	.36	82	93	5.4	31.4	.24	.27	307	.2	6
6223106	6253426	5	2005	53426	3426	0	20	669969	6100398	13N01	3.0	.66	17	20	6.9	30.1	.19	.50	263	.2	3
6223107	6253427	5	2005	53427	3427	0	20	670870	6101300	13N01	2.0	1.00	25	25	15.9	23.0	.22	.80	335	.2	5
6223108	6253428	5	2005	53428	3428	0	20	668994	6101537	13N01	2.0	1.13	29	30	20.8	22.8	.21	.94	381	7.0	3
6223109	6253429	5	2005	53429	3429	0	20	669782	6103550	13N01	4.0	2.00	42	47	27.8	4.0	.35	1.76	703	.2	2
6223111	6253430	5	2005	53430	3430	0	20	671670	6104829	13N01	3.0	1.93	39	46	26.3	3.9	.34	1.46	2016	.2	1
6223112	6253431	5	2005	53431	3431	0	20	672121	6105720	13N01	2.0	.92	18	20	15.2	27.4	.18	.68	271	.2	2
6223113	6253432	5	2005	53432	3432	0	20	673512	6106966	13N01	3.0	.94	15	17	11.1	24.0	.16	.67	352	.2	1
6223114	6253433	5	2005	53433	3433	0	20	674010	6108526	13N01	.5	.12	31	33	1.6	35.0	.11	.14	429	7.0	10
6223115	6253434	5	2005	53434	3434	0	20	675610	6109364	13N01	2.0	1.31	35	36	21.9	18.7	.24	1.18	484	.2	2
6223116	6253435	5	2005	53435	3435	0	20	676300	6109942	13N01	4.0	1.42	23	26	17.4	11.6	.25	1.05	447	.2	2
6223117	6253436	5	2005	53436	3436	0	20	676630	6112483	13N01	3.0	2.09	41	50	29.9	4.0	.35	1.66	658	3.0	3
6223118	6253437	5	2005	53437	3437	0	20	678453	6112704	13N01	1.0	1.25	25	27	20.3	20.9	.20	.95	376	.2	2
6223119	6253438	5	2005	53438	3438	0	20	680548	6114850	13N01	3.0	1.27	20	21	19.4	22.8	.19	.95	366	.2	3
6223121	6253439	5	2005	53439	3439	1	20	681845	6116200	13N01	3.0	.87	18	19	12.6	21.0	.16	.71	312	.2	3
6223122	6253440	5	2005	53440	3440	2	20	681845	6116206	13N01	3.0	.82	18	18	12.2	23.6	.17	.69	290	.2	2
6223123	6253441	5	2005	53441	3441	0	20	681916	6117635	13N01	4.0	1.33	21	22	15.9	10.2	.23	.95	445	.2	3
6223124	6253442	5	2005	53442	3442	0	20	681107	6118569	13N01	3.0	1.16	25	27	17.7	18.1	.26	.88	856	14.0	5
6223125	6253443	5	2005	53443	3443	0	20	681226	6120100	13N01	3.0	1.06	29	30	14.6	14.8	.21	.85	675	4.0	5
6223126	6253444	5	2005	53444	3444	0	20	682896	6120584	13N01	4.0	1.20	20	22	16.6	18.5	.22	.84	362	.2	1
6223127	6253445	5	2005	53445	3445	0	20	683965	6120866	13N01	3.0	1.20	19	22	17.0	18.8	.18	.95	382	.2	1
6223128	6253446	5	2005	53446	3446	0	20	684022	6121811	13N01	2.0	.90	21	24	12.6	19.6	.17	.72	494	.2	3
#NULL!	6273447	7	2005	73447	3447	0	20	683080	6122389	13N01	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!
6223131	6253448	5	2005	53448	3448	0	20	684798	6123570	13N01	3.0	1.55	35	41	23.9	11.4	.29	1.43	532	13.0	16
6223132	6253449	5	2005	53449	3449	0	20	683857	6124412	13N01	3.0	1.62	37	44	21.5	7.0	.31	1.38	577	.2	4
6223133	6253450	5	2005	53450	3450	0	20	678110	6125208	13N01	3.0	1.41	28	34	18.6	8.9	.28	1.20	566	13.0	12
6223134	6253451	5	2005	53451	3451	0	20	677149	6124815	13N01	4.0	1.39	21	25	16.7	5.9	.23	1.05	471	.2	2
6223135	6253452	5	2005	53452	3452	0	20	677895	6121899	13N01	2.0	1.04	37	40	16.6	21.4	.29	.91	514	17.0	12
6223136	6253453	5	2005	53453	3453	0	20	677852	6120815	13N01	3.0	1.04	24	28	15.0	14.9	.18	.81	354	3.0	3
6223137	6253454	5	2005	53454	3454	0	20	677225	6120280	13N01	2.0	.79	47	52	16.1	23.2	.36	.68	1423	.2	3
6223138	6253455	5	2005	53455	3455	0	20	677715	6116724	13N01	4.0	1.18	24	27	14.2	13.9	.24	.86	371	.2	2
6223139	6253456	5	2005	53456	3456	0	20	679008	6115939	13N01	2.0	.66	33	38	11.9	43.5	.19	.58	473	3.0	8
6223141	6253457	5	2005	53457	3457	0	20	677000	6114100	13N01	2.0	.81	29	32	15.1	25.7	.21	.65	511	13.0	6
6223142	6253458	5	2005	53458	3458	0	20	675543	6112510	13N01	2.0	1.07	23	25	18.6	24.3	.22	.83	354	.2	2
6223143	6253459	5	2005	53459	3459	1	20	673769	6110240	13N01	1.0	.56	34	37	10.0	33.6	.18	.48	230	.2	3
6223144	6253460	5	2005	53460	3460	2	20	673769	6110240	13N01	.5	.53	33	39	10.2	30.8	.15	.46	350	5.0	6
6223145	6253461	5	2005	53461	3461	0	20	672121	6108087	13N01	2.0	.53	12	15	8.3	31.1	.13	.40	175	.2	2
6223146	6253462	5	2005	53462	3462	0	20	670480	6104824	13N01	4.0	1.35	22	25	16.3	8.3	.22	.95	444	.2	1
6223147	6253463	5	2005	53463	3463	0	20	667061	6098782	13N01	2.0	.51	34	39	6.8	31.4	.23	.47	909	9.0	5
6223148	6253464	5	2005	53464	3464	0	20	666983	6097341	13K16	3.0	.56	13	14	5.7	30.6	.11	.61	279	.2	2
6223149	6253465	5	2005	53465	3465	0	20	672162	6092773	13K16	2.0	.96	31	35	13.7	26.8	.16	.84	335	5.0	3
6223151	6253466	5	2005	53466	3466	0	20	675093	6091404	13K16	.5	.21	35	42	4.5	40.4	.16	.29	261	.2	2
6223152	6253467	5	2005	53467	3467	0	20	676276	6091164	13K16	.5	.11	65	74	2.4	31.8	.19	.17	1633	14.0	10
6223153	6253468	5	2005	53468	3468	0	20	678945	6090055	13K16	.5	.16	51	57	2.9	31.8	.09	.17	303	5.0	2
6223154	6253469	5	2005	53469	3469	0	20	682347	6088580	13K16	.5	.19	38	44	3.3	38.0	.10	.18	125	.2	1
6223155	6253470	5	2005	53470	3470	0	20	686381	6088116	13K16	.5	.11	59	67	2.1	47.5	.15	.15	110	10.0	3
6223156	6253471	5	2005	53471	3471	0	20	688868	6089040	13K16	.5	.25	130	150	4.1	42.6	.44	.23	4730	23.0	9
6223157	6253472	5	2005	53472	3472	0	20	690065	6089294	13K16	.5	.27	21	23	1.9	35.4	.02	.10	68	.2	4
6223158	6253473	5	2005	53473	3473	0	21	308388	6091165	13J13	.5	.24	59	69	4.9	31.3	.14	.21	191	23.0	18
6223159	6253474	5	2005	53474	3474	0	20	664587	6098593	13N01	.5	.20	70	69	2.8	50.7	.44	.24	1263	.2	4
6223161	6253475	5	2005	53475	3475	0	20	666040	6101514	13N01	2.0	1.09	24	28	22.2	16.4	.22	.87	340	.2	1
6223162	6253476	5	2005	53476	3476	0	20	666940	6104438	13N01	3.0	1.21	23	26	17.3	12.7	.25	.92	425	.2	2
6223163	6253477	5	2005	53477	3477	0	20	668707	6109395	13N01	2.0	.64	12	13	6.9	25.2	.14	.34	162	.2	3
6223164	6253478	5	2005	53478	3478	0	20	671531	6110777	13N01	2.0	1.18	47	55	24.2	19.6	.30	.95	489	.2	4
6223165	6253479	5	2005	53479	3479	0	20	672511	6114154	13N01	2.0	.89	56	64	11.9	30.6	.32	.72	634	4.0	7
6223167	6253481	5	2005	53481	3481	0	20	674647	6116096	13N01	.5	.45	37	41	8.1	37.9	.25	.39	305	.2	3
6223168	6253482	5	2005	53482	3482	0	20	674392	6117209	13N01	.5	.56	53	61	11.0	37.4	.31	.52	321	4.0	7
6223169	6253483	5	2005	53483	3483	0	20	672304	6116872	13N01	2.0	.83	36	42	16.5	28.1	.31	.68	559	6.0	5
6223171	6253484	5	2005	53484	3484	0	20	672917	6119530	13N01	5.0	1.73	37	39	24.2	3.7	.41	1.17	740	.2	3
6223172	6253485	5	2005	53485	3485	0	20	673563	6121609	13N01	5.0	1.50	36	41	18.5	7.0	.28	1.07	608	.2	3
6223173	6253486	5	2005	53486	3486	0	20	671760	6121662	13N01	.5	.32	29	34	3.4	44.4	.23	.26	387	.2	9

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	hf1	k2	la1	la2	li2	loi	lu1	mg2	mn2	mo1	mo2
6223174	6253487	5	2005	53487	3487	0	20	670606	6119471	13N01	2.0	.77	21	23	11.2	29.5	.17	.64	277	.2	3
6223175	6253488	5	2005	53488	3488	0	20	670288	6117839	13N01	8.0	1.37	20	22	25.1	4.3	.32	.89	1199	.2	2
6223176	6253489	5	2005	53489	3489	0	20	670238	6116543	13N01	4.0	.98	22	22	17.3	19.6	.25	.82	342	.2	2
6223177	6253490	5	2005	53490	3490	0	20	671354	6115377	13N01	2.0	.49	43	49	8.2	44.5	.31	.40	727	.2	10
6223178	6253491	5	2005	53491	3491	0	20	669232	6115232	13N01	4.0	1.13	22	26	17.7	17.8	.22	.94	414	.2	2
6223179	6253492	5	2005	53492	3492	0	20	669111	6112108	13N01	4.0	1.14	19	23	11.2	10.0	.25	.75	2971	.2	4
6223181	6253493	5	2005	53493	3493	0	20	668679	6111304	13N01	1.0	.39	29	35	6.4	45.3	.17	.33	226	.2	5
6223182	6253494	5	2005	53494	3494	0	20	666965	6109479	13N01	4.0	.93	21	23	14.5	18.8	.21	.67	281	.2	1
6223183	6253495	5	2005	53495	3495	0	20	666986	6110555	13N01	1.0	.37	30	37	7.5	43.3	.19	.32	176	.2	2
6223184	6253496	5	2005	53496	3496	0	20	667043	6112859	13N01	.5	.14	27	33	1.4	41.3	.02	.13	97	.2	1
6223185	6253497	5	2005	53497	3497	0	20	665210	6112011	13N01	3.0	.56	17	20	8.5	21.5	.17	.47	236	.2	1
6223186	6253498	5	2005	53498	3498	0	20	663160	6112261	13N01	.5	.17	10	10	.9	40.3	.02	.10	57	.2	1
6223187	6253499	5	2005	53499	3499	1	20	662508	6110119	13N01	3.0	.50	40	44	3.5	25.4	.29	.31	482	5.0	3
6223188	6253500	5	2005	53500	3500	2	20	662508	6110119	13N01	1.0	.18	27	29	1.5	32.7	.18	.14	649	.2	6
6223189	6253501	5	2005	53501	3501	0	20	664585	6110250	13N01	5.0	1.42	48	53	18.5	15.2	.35	1.16	522	3.0	4
6223191	6253502	5	2005	53502	3502	0	20	664447	6107848	13N01	2.0	.72	22	25	10.8	22.0	.18	.50	258	.2	3
6223192	6253503	5	2005	53503	3503	0	20	660064	6106296	13N01	3.0	1.00	20	22	15.1	15.8	.25	.84	343	5.0	6
6223193	6253504	5	2005	53504	3504	0	20	663691	6104181	13N01	.5	.51	27	31	9.1	44.2	.21	.46	205	7.0	9
6223194	6253505	5	2005	53505	3505	0	20	661230	6102146	13N01	3.0	1.32	29	33	19.7	23.8	.23	.96	442	.2	2
6223195	6253506	5	2005	53506	3506	0	20	664980	6102884	13N01	3.0	1.32	31	33	20.5	18.0	.35	1.02	626	.2	3
6223196	6253507	5	2005	53507	3507	0	20	663978	6101482	13N01	4.0	1.43	37	38	25.6	14.9	.36	1.17	786	.2	3
6223197	6253508	5	2005	53508	3508	0	20	663085	6098207	13N01	5.0	.81	18	18	8.2	16.6	.24	.83	435	.2	3
6223198	6253509	5	2005	53509	3509	0	20	660732	6099853	13N01	5.0	1.90	31	32	23.1	10.9	.33	1.41	526	.2	1
6223199	6253510	5	2005	53510	3510	0	20	660163	6097678	13N01	2.0	.32	27	30	3.6	38.2	.22	.27	660	20.0	13
6223201	6253511	5	2005	53511	3511	0	20	661081	6096641	13K16	2.0	.36	87	99	3.2	49.4	.56	.37	1389	.2	6
6223202	6253512	5	2005	53512	3512	0	20	663243	6096686	13K16	.5	.15	40	45	1.9	54.3	.31	.19	269	28.0	17
6223203	6253513	5	2005	53513	3513	0	20	660546	6093275	13K16	2.0	.31	42	49	4.3	53.2	.24	.37	227	.2	3
6223204	6253514	5	2005	53514	3514	0	20	662942	6094282	13K16	2.0	.23	33	37	2.6	53.9	.18	.25	193	.2	2
6223205	6253515	5	2005	53515	3515	0	20	660909	6091155	13K16	1.0	.12	23	27	2.1	40.9	.11	.14	66	.2	2
6223206	6253516	5	2005	53516	3516	0	20	661082	6084805	13K16	4.0	1.63	26	30	19.8	17.9	.30	1.17	407	.2	1
6223207	6253517	5	2005	53517	3517	0	20	665703	6081997	13K16	.5	.24	41	45	3.7	35.4	.20	.26	108	2.0	2
6223208	6253518	5	2005	53518	3518	0	20	668177	6081994	13K16	.5	.13	36	42	2.3	37.5	.16	.18	124	4.0	3
6223209	6253519	5	2005	53519	3519	1	20	672965	6081499	13K16	.5	.17	120	131	3.1	48.0	.41	.23	566	13.0	7
6223211	6253520	5	2005	53520	3520	2	20	672965	6081499	13K16	3.0	.54	120	130	6.4	34.6	.56	.47	684	17.0	8
6223212	6253521	5	2005	53521	3521	0	20	676271	6080194	13K16	1.0	.28	57	66	3.9	51.0	.19	.30	336	8.0	6
6223213	6253522	5	2005	53522	3522	0	20	689627	6076037	13K16	2.0	.42	58	70	9.5	34.5	.44	.68	611	10.0	7
6223214	6253523	5	2005	53523	3523	0	20	690313	6075665	13K16	.5	.11	16	19	2.1	43.8	.14	.19	88	.2	4
6223215	6253524	5	2005	53524	3524	0	20	691214	6075618	13K16	2.0	.39	26	29	6.7	32.4	.14	.42	193	2.0	3
6223216	6253525	5	2005	53525	3525	0	20	692303	6074026	13K16	.5	.14	68	81	3.3	52.7	.34	.27	273	.2	4
6223217	6253526	5	2005	53526	3526	0	20	690742	6073132	13K16	2.0	.19	30	35	3.4	42.1	.21	.28	425	.2	5
6223218	6253527	5	2005	53527	3527	0	20	689487	6072248	13K16	.5	.12	46	49	2.5	46.2	.27	.21	1068	14.0	15
6223219	6253528	5	2005	53528	3528	0	20	687897	6072593	13K16	.5	.05	42	45	1.1	45.0	.02	.14	241	16.0	8
6223221	6253529	5	2005	53529	3529	0	20	685835	6072774	13K16	.5	.06	26	29	.9	35.9	1.01	.11	55	9.0	4
6223222	6253530	5	2005	53530	3530	0	20	682268	6072640	13K16	.5	.10	74	81	1.4	44.8	.34	.15	312	.2	5
6223223	6253531	5	2005	53531	3531	0	20	681522	6070985	13K16	2.0	.05	57	67	.4	42.6	.17	.10	210	.2	3
6223224	6253532	5	2005	53532	3532	0	20	678452	6071721	13K16	.5	.16	120	139	3.2	50.8	.28	.21	562	27.0	11
6223225	6253533	5	2005	53533	3533	0	20	677343	6070815	13K16	2.0	.28	49	56	3.3	47.9	.12	.21	516	15.0	5
6223226	6253534	5	2005	53534	3534	0	20	674588	6070793	13K16	4.0	1.76	59	66	32.8	9.6	.53	1.29	1480	.2	4
6223227	6253535	5	2005	53535	3535	0	20	672142	6071069	13K16	1.0	.16	24	28	3.3	33.3	.23	.22	111	12.0	2
6223228	6253536	5	2005	53536	3536	0	20	669700	6070390	13K16	3.0	.55	56	68	6.1	22.9	.57	.47	1409	21.0	25
6223229	6253537	5	2005	53537	3537	0	20	667234	6071066	13K16	.5	.17	44	48	2.5	32.3	.32	.21	422	29.0	19
6223231	6253538	5	2005	53538	3538	0	20	664760	6070426	13K16	.5	.23	24	27	4.4	35.6	.19	.33	207	4.0	2
6223232	6253539	5	2005	53539	3539	1	20	665597	6072740	13K16	3.0	.33	25	29	4.2	39.2	.17	.38	294	.2	2
6223233	6253540	5	2005	53540	3540	2	20	665597	6072740	13K16	2.0	.29	24	29	4.3	39.2	.15	.35	274	.2	2
6223234	6253541	5	2005	53541	3541	0	20	666488	6074069	13K16	.5	.15	46	54	2.8	29.9	.32	.19	2108	25.0	19
6223235	6253542	5	2005	53542	3542	0	20	669288	6073143	13K16	.5	.08	34	41	1.4	36.8	.15	.13	374	16.0	12
6223236	6253543	5	2005	53543	3543	0	20	671770	6072395	13K16	.5	.14	51	63	2.6	40.9	.25	.21	754	32.0	33
6223237	6253544	5	2005	53544	3544	0	20	673839	6073235	13K16	2.0	.39	32	36	6.3	39.3	.10	.39	328	.2	4
6223238	6253545	5	2005	53545	3545	0	20	676090	6073505	13K16	.5	.09	59	74	1.3	52.2	.19	.11	196	.2	4
6223239	6253546	5	2005	53546	3546	0	20	678710	6073735	13K16	7.0	1.56	90	110	15.0	9.9	.44	.95	616	.2	2
6223241	6253547	5	2005	53547	3547	0	20	680734	6073720	13K16	2.0	.14	85	96	1.7	33.9	.31	.14	2878	.2	8
6223242	6253548	5	2005	53548	3548	0	20	682997	6074074	13K16	.5	.20	87	99	2.9	41.9	.36	.27	700	10.0	6
6223243	6253549	5	2005	53549	3549	0	20	684372	6075029	13K16	.5	.10	84	98	1.5	53.8	.25	.20	278	.2	2
6223244	6253550	5	2005	53550	3550	0	20	686372	6074534	13K16	.5	.07	41	53	2.7	35.4	.28	.13	47	14.0	13
6223245	6253551	5	2005	53551	3551	0	20	687211	6076253	13K16	.5	.12	60	73	1.8	46.9	.22	.20	188	8.0	3
6223246	6253552	5	2005	53552	3552	0	20	685463	6076123	13K16	3.0	.53	90	110	6.0	31.8	.41	.57	509	11.0	3
6223247	6253553	5	2005	53553	3553	0	20	683552	6076044	13K16	2.0	.21	108	135	2.9	40.0	.43	.20	673	23.0	8
6223248	6253554	5	2005	53554	3554	0	20	681050	6076019	13K16	2.0	.25	90	115	2.5	48.9	.22	.17	241	5.0	4
6223249	6253555	5	2005	53555	3555	0	20	678743	6075565	13K16	2.0	.27	28	35	3.0	38.1	.02	.16	246	.2	2

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	hf1	k2	la1	la2	li2	loi	lu1	mg2	mn2	mo1	mo2
6223251	6253556	5	2005	53556	3556	0	20	674420	6075896	13K16	2.0	.37	30	35	5.8	37.5	.16	.41	249	2.0	2
6223252	6253557	5	2005	53557	3557	0	20	671632	6075822	13K16	.5	.11	34	41	1.9	36.8	.14	.14	118	.2	4
6223253	6253558	5	2005	53558	3558	0	20	669738	6074972	13K16	.5	.36	47	57	3.8	55.5	.24	.29	317	12.0	10
6223254	6253559	5	2005	53559	3559	1	20	671500	6076895	13K16	2.0	.43	25	27	4.9	32.8	.10	.30	164	.2	4
6223255	6253560	5	2005	53560	3560	2	20	671500	6076895	13K16	2.0	.40	21	22	3.8	31.9	.14	.25	136	.2	3
6223256	6253561	5	2005	53561	3561	0	20	677215	6076765	13K16	2.0	.15	153	145	2.0	63.9	.35	.18	1243	26.0	9
6223257	6253562	5	2005	53562	3562	0	20	680500	6078700	13K16	.5	.17	56	66	3.1	47.4	.19	.18	201	12.0	4
6223258	6253563	5	2005	53563	3563	0	20	682820	6079850	13K16	.5	.06	46	50	.7	39.7	.02	.09	143	.2	3
6223259	6253564	5	2005	53564	3564	0	20	685480	6078472	13K16	.5	.11	68	72	2.7	38.1	.22	.13	1528	13.0	7
6223261	6253565	5	2005	53565	3565	0	20	688334	6079160	13K16	.5	.06	117	135	1.1	45.3	.30	.12	97	.2	3
6223262	6253566	5	2005	53566	3566	0	20	689130	6080090	13K16	.5	.05	48	54	.7	43.8	.12	.12	201	.2	5
6223263	6253567	5	2005	53567	3567	0	20	689685	6065065	13K09	.5	.07	162	187	1.2	56.7	1.00	.08	58	85.0	13
6223264	6253568	5	2005	53568	3568	0	20	686190	6062127	13K09	.5	.28	180	197	4.7	61.3	.68	.26	221	37.0	16
6223265	6253569	5	2005	53569	3569	0	20	673750	6055691	13K09	2.0	.56	110	117	7.2	54.3	.80	.41	275	14.0	6
6223266	6253570	5	2005	53570	3570	0	20	676151	6066709	13K09	4.0	2.20	37	40	25.2	5.9	.38	1.51	682	.2	1
6223267	6253571	5	2005	53571	3571	0	20	690259	6078853	13K16	2.0	.08	65	67	3.0	36.7	.26	.16	16890	9.0	10
6223268	6253572	5	2005	53572	3572	0	20	691262	6078748	13K16	.5	.12	59	62	4.6	48.1	.29	.29	1369	11.0	9
6223269	6253573	5	2005	53573	3573	0	20	691492	6080377	13K16	.5	.12	71	70	3.4	55.3	.28	.25	224	15.0	5
6223271	6253574	5	2005	53574	3574	0	20	691547	6084458	13K16	.5	.12	100	112	1.6	45.5	.31	.15	391	11.0	9
6223272	6253575	5	2005	53575	3575	0	20	690224	6085490	13K16	2.0	.37	78	79	6.8	28.0	.22	.33	2544	.2	6
6223273	6253576	5	2005	53576	3576	0	20	688210	6083227	13K16	.5	.09	81	84	.8	36.2	.17	.08	49	.2	1
6223274	6253577	5	2005	53577	3577	0	20	686754	6082313	13K16	.5	.08	110	119	.8	62.7	.22	.10	95	12.0	3
6223275	6253578	5	2005	53578	3578	0	20	686790	6080592	13K16	1.0	.27	72	76	3.2	29.7	.19	.18	99	9.0	2
6223276	6253579	5	2005	53579	3579	1	20	684036	6080613	13K16	.5	.12	65	78	1.7	44.7	.28	.13	180	14.0	4
6223277	6253580	5	2005	53580	3580	2	20	684036	6080613	13K16	.5	.12	56	65	1.6	44.6	.22	.12	172	11.0	3
6223278	6253581	5	2005	53581	3581	0	20	681642	6080880	13K16	2.0	.18	99	109	4.1	41.9	.55	.21	6250	18.0	3
6223279	6253582	5	2005	53582	3582	0	20	680017	6080247	13K16	.5	.14	72	88	3.6	47.4	.47	.22	217	31.0	11
6223281	6253583	5	2005	53583	3583	0	20	678748	6079788	13K16	.5	.12	34	42	1.7	43.6	.19	.13	106	5.0	2
6223282	6253584	5	2005	53584	3584	0	20	678580	6079023	13K16	.5	.12	29	35	1.7	45.4	.12	.12	101	9.0	1
6223283	6253585	5	2005	53585	3585	0	20	676274	6078379	13K16	.5	.11	41	51	2.1	44.2	.19	.16	184	.2	1
6223284	6253586	5	2005	53586	3586	0	20	673818	6079219	13K16	4.0	1.00	126	144	13.6	27.0	.75	.95	618	.2	11
6223285	6253587	5	2005	53587	3587	0	20	672625	6080672	13K16	2.0	.57	144	168	6.1	29.1	.71	.44	3583	23.0	13
6223286	6253588	2	2005	53588	3588	0	20	670837	6080120	13K16	.5	.25	46	58	4.6	60.7	.22	.32	257	9.0	9
6223287	6253589	5	2005	53589	3589	0	20	668739	6080201	13K16	2.0	.40	19	22	5.7	27.6	.13	.36	228	.2	3
6223288	6253590	5	2005	53590	3590	0	20	669154	6077771	13K16	.5	.33	32	38	6.1	53.0	.14	.38	289	.2	5
6223289	6253591	5	2005	53591	3591	0	20	666723	6077526	13K16	4.0	.98	71	87	9.4	27.5	.51	.73	1693	.2	13
6223291	6253592	5	2005	53592	3592	0	20	665916	6075836	13K16	.5	.28	75	90	5.6	47.0	.40	.34	5236	16.0	18
6223292	6253593	5	2005	53593	3593	0	20	664644	6076193	13K16	.5	.08	56	69	1.8	40.0	.19	.17	206	11.0	4
6223293	6253594	5	2005	53594	3594	0	20	663789	6077215	13K16	.5	.33	38	46	5.8	21.3	.15	.38	2657	8.0	7
6223294	6253595	5	2005	53595	3595	0	20	666280	6078714	13K16	.5	.14	38	47	3.1	37.7	.19	.21	417	11.0	8
6223295	6253596	5	2005	53596	3596	0	20	666475	6079825	13K16	.5	.28	32	38	5.0	47.3	.15	.33	174	.2	2
6223296	6253597	5	2005	53597	3597	0	20	670393	6083356	13K16	2.0	.32	81	99	6.1	48.6	.37	.40	679	19.0	22
6223297	6253598	5	2005	53598	3598	0	20	670281	6084201	13K16	.5	.09	55	67	1.8	37.7	.17	.14	359	14.0	11
6223298	6253599	5	2005	53599	3599	1	20	669073	6085698	13K16	.5	.19	49	60	3.1	51.2	.22	.26	491	14.0	12
6223299	6253600	5	2005	53600	3600	2	20	669073	6085698	13K16	.5	.26	47	59	4.1	48.4	.22	.31	501	12.0	9
6223301	6253601	5	2005	53601	3601	0	20	669530	6087227	13K16	.5	.11	77	99	1.9	46.0	.40	.15	2502	13.0	12
6223302	6253602	5	2005	53602	3602	0	20	668726	6088159	13K16	3.0	1.37	37	43	20.1	22.7	.28	1.05	625	6.0	6
6223303	6253603	5	2005	53603	3603	0	20	669839	6088720	13K16	.5	.42	23	26	8.0	30.7	.15	.36	165	14.0	1
6223304	6253604	5	2005	53604	3604	0	20	665968	6088758	13K16	.5	.96	20	24	14.3	28.7	.14	.69	271	.2	2
6223305	6253605	5	2005	53605	3605	0	20	663115	6089646	13K16	2.0	.64	15	21	9.9	45.4	.13	.46	169	.2	2
6223306	6253606	5	2005	53606	3606	0	20	666219	6095120	13K16	.5	.22	22	25	2.2	48.8	.14	.21	142	.2	4
6223307	6253607	5	2005	53607	3607	0	20	670007	6105230	13N01	3.0	1.21	27	31	19.5	21.2	.25	.87	363	.2	2
6223308	6253608	5	2005	53608	3608	0	20	666863	6091212	13K16	.5	.24	61	73	4.4	50.9	.24	.28	1435	37.0	29
6223309	6253609	5	2005	53609	3609	0	20	668769	6091587	13K16	.5	.22	58	69	4.3	43.0	.14	.23	506	37.0	34
6223311	6253610	5	2005	53610	3610	0	20	671263	6090723	13K16	3.0	1.25	31	35	24.0	11.5	.22	.94	847	.2	3
6223312	6253611	5	2005	53611	3611	0	20	672370	6090552	13K16	2.0	.62	80	98	6.4	44.3	.41	.47	1974	24.0	15
6223313	6253612	5	2005	53612	3612	0	20	673088	6091217	13K16	.5	.28	17	21	2.5	42.5	.10	.19	103	.2	4
6223314	6253613	5	2005	53613	3613	0	20	674511	6093283	13K16	.5	.25	90	107	5.6	36.0	.30	.26	3381	36.0	10
6223315	6253614	5	2005	53614	3614	0	20	673050	6095326	13K16	4.0	1.32	29	34	17.5	10.2	.26	.98	3078	4.0	2
6223316	6253615	5	2005	53615	3615	0	20	673682	6095943	13K16	4.0	1.49	16	20	12.4	5.1	.17	.89	873	2.0	2
6223317	6253616	5	2005	53616	3616	0	20	691147	6094316	13K16	.5	.19	45	52	3.1	40.0	.14	.16	320	.2	3
6223318	6253617	5	2005	53617	3617	0	20	690175	6091489	13K16	.5	.16	135	154	2.7	38.2	.38	.17	381	12.0	8
6223319	6253618	5	2005	53618	3618	0	20	689844	6090764	13K16	.5	.24	117	139	3.7	46.2	.33	.19	3755	25.0	6
6223321	6253619	5	2005	53619	3619	1	20	688948	6086485	13K16	.5	.20	70	85	3.1	53.7	.02	.18	611	8.0	5
6223322	6253620	5	2005	53620	3620	2	20	688948	6086485	13K16	2.0	.28	58	65	3.8	38.9	.15	.20	395	.2	6
6223323	6253621	5	2005	53621	3621	0	20	685865	6085148	13K16	5.0	1.50	39	50	13.7	2.6	.26	1.22	546	.2	2
6223324	6253622	5	2005	53622	3622	0	20	684787	6086207	13K16	.5	.20	77	91	3.3	52.3	.24	.24	419	5.0	4
6223325	6253623	5	2005	53623	3623	0	20	683012	6083020	13K16	2.0	.33	66	76	5.7	37.5	.22	.34	309	.2	5
6223326	6253624	5	2005	53624	3624	0	20	684241	6082383	13K16	.5	.07	126	152	.9	42.2	.24	.11	276	10.0	4

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	hf1	k2	la1	la2	li2	loi	lu1	mg2	mn2	mo1	mo2
6223327	6253625	5	2005	53625	3625	0	20	682641	6079084	13K16	.5	.05	39	47	1.1	45.1	.12	.11	68	9.0	2
6223328	6253626	5	2005	53626	3626	0	20	680602	6083155	13K16	4.0	1.38	84	101	15.4	14.3	.38	1.12	541	.2	6
6223329	6253627	5	2005	53627	3627	0	20	677670	6083164	13K16	2.0	.71	144	186	11.3	37.0	.43	.64	420	.2	7
6223331	6253628	5	2005	53628	3628	0	20	675221	6085044	13K16	3.0	1.08	117	150	11.7	28.4	.49	.81	482	.2	6
6223332	6253629	5	2005	53629	3629	0	20	672650	6084525	13K16	2.0	.43	26	33	5.1	40.3	.09	.37	180	.2	3
6223333	6253630	5	2005	53630	3630	0	20	672205	6082712	13K16	3.0	.64	27	32	7.6	31.2	.13	.61	283	.2	4
6223334	6253631	5	2005	53631	3631	0	20	676075	6083242	13K16	.5	.08	117	157	1.2	48.9	.33	.12	305	.2	4
6223335	6253632	5	2005	53632	3632	0	20	677146	6085957	13K16	.5	.12	84	107	2.5	41.1	.22	.17	210	.2	2
6223336	6253633	5	2005	53633	3633	0	20	679333	6085454	13K16	.5	.23	68	86	5.4	55.4	.11	.31	320	10.0	2
6223337	6253634	5	2005	53634	3634	0	20	681817	6086107	13K16	.5	.14	56	74	3.2	39.6	.14	.23	140	.2	3
6223338	6253635	5	2005	53635	3635	0	20	678709	6088060	13K16	.5	.21	90	120	4.9	32.6	.23	.28	108	5.0	5
6223339	6253636	5	2005	53636	3636	0	20	677305	6086946	13K16	.5	.14	99	110	3.9	41.5	.02	.26	131	.2	4
6223341	6253637	5	2005	53637	3637	0	20	675129	6087249	13K16	2.0	.49	40	47	8.9	42.1	.16	.56	455	2.0	3
6223342	6253638	5	2005	53638	3638	0	20	672341	6088269	13K16	1.0	.12	65	70	2.2	66.5	.46	.29	345	25.0	20
6223343	6253639	5	2005	53639	3639	1	20	673936	6089776	13K16	.5	.11	51	59	1.6	37.4	.36	.13	405	11.0	7
6223344	6253640	5	2005	53640	3640	2	20	673936	6089776	13K16	.5	.07	82	90	.8	35.4	.47	.10	460	4.0	5
6223345	6253641	5	2005	53641	3641	0	20	679188	6091172	13K16	6.0	1.50	94	107	21.4	12.8	.68	1.36	697	.2	2
6223346	6253642	5	2005	53642	3642	0	20	680715	6091153	13K16	2.0	.22	100	120	4.3	39.6	.35	.25	263	.2	2
6223347	6253643	5	2005	53643	3643	0	20	683938	6089811	13K16	2.0	.30	54	61	5.4	53.9	.20	.30	313	.2	2
6223348	6253644	5	2005	53644	3644	0	20	683682	6088838	13K16	.5	.14	120	145	2.9	32.4	.50	.20	373	17.0	8
6223349	6253645	5	2005	53645	3645	0	20	686120	6089523	13K16	.5	.14	46	55	2.2	46.6	.17	.14	319	.2	2
6223351	6253646	5	2005	53646	3646	0	20	688655	6091006	13K16	.5	.10	79	88	2.1	53.9	.32	.14	135	16.0	3
6223352	6253647	5	2005	53647	3647	0	21	309917	6093270	13J13	.5	.19	140	160	2.0	40.1	.43	.17	133	79.0	59
6223353	6253648	5	2005	53648	3648	0	20	688597	6091975	13K16	4.0	.80	260	258	13.9	39.9	1.08	.58	523	.2	5
6223354	6253649	5	2005	53649	3649	0	20	686920	6091642	13K16	.5	.12	150	120	3.2	60.3	.02	.22	232	.2	8
6223355	6253650	5	2005	53650	3650	0	20	683631	6092328	13K16	.5	.19	130	152	3.5	41.7	.40	.22	258	.2	6
6223356	6253651	5	2005	53651	3651	0	20	681364	6092731	13K16	2.0	.28	57	69	5.8	45.7	.27	.30	148	6.0	1
6223357	6253652	5	2005	53652	3652	0	20	679639	6094064	13K16	4.0	.70	140	160	9.6	30.3	.81	.57	651	.2	16
6223358	6253653	5	2005	53653	3653	0	20	675493	6097299	13K16	2.0	.25	69	79	3.2	44.6	.34	.20	1171	.2	6
6223359	6253654	5	2005	53654	3654	0	20	679481	6096713	13K16	.5	.20	140	163	3.7	48.3	.52	.22	4859	.2	12
6223361	6253655	5	2005	53655	3655	0	20	682000	6096573	13K16	2.0	.43	71	80	8.1	37.4	.33	.43	323	15.0	9
6223362	6253656	5	2005	53656	3656	0	20	683104	6096425	13K16	.5	.20	150	171	4.2	34.8	.47	.24	1061	43.0	23
6223363	6253657	5	2005	53657	3657	0	20	682857	6095049	13K16	2.0	.25	65	77	6.9	43.7	.29	.34	246	.2	6
6223364	6253658	5	2005	53658	3658	0	20	684826	6094535	13K16	.5	.19	37	39	4.1	36.0	.02	.20	106	5.0	1
6223365	6253659	5	2005	53659	3659	0	20	686076	6095366	13K16	2.0	1.09	351	350	33.1	39.9	.78	1.42	777	.2	4
6223366	6253660	5	2005	53660	3660	0	20	687931	6093932	13K16	2.0	.42	53	61	6.9	37.1	.17	.32	1495	13.0	4
6223367	6253661	5	2005	53661	3661	1	20	688473	6095909	13K16	.5	.32	46	51	8.4	36.8	.16	.33	173	.2	1
6223368	6253662	5	2005	53662	3662	2	20	688473	6095909	13K16	.5	.31	41	45	7.6	36.5	.18	.31	165	.2	2
6223369	6253663	5	2005	53663	3663	0	20	686032	6097094	13K16	2.0	.28	34	37	3.8	46.0	.14	.19	116	5.0	1
6223371	6253664	5	2005	53664	3664	0	20	690518	6097443	13K16	3.0	.44	117	135	6.8	36.1	.31	.32	454	.2	5
6223372	6253665	5	2005	53665	3665	0	21	310311	6099251	13O04	4.0	1.41	117	140	21.4	16.4	.37	.91	450	17.0	7
6223373	6253666	5	2005	53666	3666	0	21	308280	6099386	13O04	2.0	.30	135	144	4.8	34.5	.27	.25	226	16.0	5
6223374	6253667	5	2005	53667	3667	0	21	309649	6105736	13O04	3.0	.14	135	146	2.9	35.1	.28	.16	811	25.0	9
6223375	6253668	5	2005	53668	3668	0	21	309205	6104297	13O04	.5	.15	31	34	4.1	34.3	.02	.15	116	.2	1
6223376	6253669	5	2005	53669	3669	0	21	309150	6097264	13J13	.5	.11	55	61	3.6	42.1	.11	.19	105	21.0	14
6223377	6253670	5	2005	53670	3670	0	21	308684	6095124	13J13	#NULL!	.11	#NULL!	262	1.7	60.6	#NULL!	.18	813	#NULL!	64
6223378	6253671	5	2005	53671	3671	0	21	311073	6094171	13J13	2.0	.68	144	166	12.9	39.2	.38	.50	416	33.0	33
6223379	6253672	5	2005	53672	3672	0	21	311478	6095866	13J13	3.0	1.35	117	140	25.5	21.0	.26	.92	1186	14.0	27
6223381	6253673	5	2005	53673	3673	0	21	313104	6097668	13J13	2.0	.48	117	54	6.7	41.6	.23	.29	145	13.0	2
6223382	6253674	5	2005	53674	3674	0	21	312172	6095057	13J13	2.0	.95	99	117	19.9	36.9	.28	.75	378	8.0	9
6223383	6253675	5	2005	53675	3675	0	21	313746	6094222	13J13	.5	.73	117	145	17.7	41.5	.24	.67	284	8.0	7
6223384	6253676	5	2005	53676	3676	0	21	310948	6092360	13J13	3.0	1.45	28	37	13.0	3.1	.15	.54	397	5.0	4
6223385	6253677	5	2005	53677	3677	0	21	312737	6091039	13J13	3.0	.89	30	33	11.8	22.7	.22	.58	253	2.0	3
6223386	6253678	5	2005	53678	3678	0	21	309010	6089229	13J13	2.0	.45	43	136	8.0	37.7	.11	.30	203	.2	7
6223387	6253679	5	2005	53679	3679	1	21	310876	6089055	13J13	4.0	1.79	67	78	19.0	6.3	.31	1.26	633	13.0	5
6223388	6253680	5	2005	53680	3680	2	21	310876	6089055	13J13	5.0	1.61	88	104	13.6	11.0	.42	.91	730	12.0	6
6223389	6253681	5	2005	53681	3681	0	21	313242	6089033	13J13	2.0	.40	38	45	6.8	42.4	.16	.43	284	.2	2
6223392	6253683	5	2005	53683	3683	0	21	313493	6087510	13J13	2.0	.22	91	103	2.5	43.7	.18	.22	272	5.0	5
6223393	6253684	5	2005	53684	3684	0	21	310440	6087333	13J13	2.0	.69	120	149	6.7	33.5	.36	.49	1657	.2	8
6223394	6253685	5	2005	53685	3685	0	21	309643	6086901	13J13	.5	.06	45	49	1.0	38.5	.10	.10	71	.2	1
6223395	6253686	5	2005	53686	3686	0	21	311550	6085887	13J13	.5	.08	190	221	1.7	47.6	.39	.15	1224	38.0	43
6223396	6253687	5	2005	53687	3687	0	21	310027	6084968	13J13	2.0	.41	77	88	7.6	33.7	.25	.50	1213	11.0	5
6223397	6253688	5	2005	53688	3688	0	21	309685	6083787	13J13	.5	.18	92	104	4.2	39.0	.22	.23	117	9.0	3
6223398	6253689	5	2005	53689	3689	0	21	307750	6082322	13J13	2.0	.39	24	26	8.7	38.0	.14	.86	829	.2	2
6223399	6253690	5	2005	53690	3690	0	21	311323	6084091	13J13	.5	.25	93	100	6.9	45.8	.23	.41	340	7.0	8
6223401	6253691	5	2005	53691	3691	0	21	314391	6085513	13J13	.5	.79	130	158	16.9	27.9	.44	.66	1112	10.0	9
6223402	6253692	5	2005	53692	3692	0	21	317184	6087274	13J13	.5	.04	33	37	.7	33.0	.02	.11	47	.2	1
6223403	6253693	5	2005	53693	3693	0	21	315615	6089195	13J13	2.0	1.39	120	146	23.7	27.0	.29	1.06	535	.2	5
6223404	6253694	5	2005	53694	3694	0	21	317673	6093084	13J13	.5	.18	77	82	2.4	43.1	.18	.28	384	.2	4

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	hf1	k2	la1	la2	li2	loi	lu1	mg2	mn2	mo1	mo2
6223405	6253695	5	2005	53695	3695	0	21	319780	6094069	13J13	2.0	.40	23	24	7.9	27.1	.12	.71	327	.2	2
6223406	6253696	5	2005	53696	3696	0	21	315106	6084105	13J13	2.0	.43	36	38	5.4	43.3	.11	.32	147	8.0	2
6223407	6253697	5	2005	53697	3697	0	21	326710	6096336	13J13	3.0	2.00	65	75	26.7	8.4	.34	1.38	663	16.0	18
6223408	6253698	5	2005	53698	3698	0	21	329503	6097556	13J13	1.0	.65	70	77	11.2	22.3	.24	.45	431	.2	5
6223409	6253699	5	2005	53699	3699	1	21	335250	6094598	13J13	6.0	1.67	36	39	12.2	10.1	.43	.75	530	.2	2
6223411	6253700	5	2005	53700	3700	2	21	335250	6094598	13J13	6.0	1.78	33	37	12.2	10.2	.44	.76	489	3.0	2
6223412	6253701	5	2005	53701	3701	0	21	336960	6095210	13J13	8.0	2.09	17	18	4.1	3.5	.33	.38	326	.2	1
6223413	6253702	5	2005	53702	3702	0	21	339508	6095236	13J13	2.0	.45	36	35	3.3	35.1	.24	.19	150	.2	1
6223414	6253703	5	2005	53703	3703	0	21	337931	6093364	13J13	.5	.24	160	173	2.9	36.5	1.14	.14	2704	25.0	20
6223415	6253704	5	2005	53704	3704	0	21	338267	6091938	13J13	8.0	2.21	100	117	9.2	6.0	.93	.59	567	16.0	14
6223416	6253705	5	2005	53705	3705	0	21	336898	6089332	13J13	5.0	.87	100	114	9.0	31.4	.72	.41	487	22.0	11
6223417	6253706	5	2005	53706	3706	0	21	331804	6088391	13J13	1.0	.41	33	33	2.9	38.0	.17	.16	110	.2	3
6223418	6253707	5	2005	53707	3707	0	21	331728	6083544	13J13	7.0	1.28	54	52	6.0	21.1	.49	.45	356	.2	5
6223419	6253708	5	2005	53708	3708	0	21	333737	6082809	13J13	2.0	.79	83	90	8.8	11.4	.51	.35	794	23.0	10
6223421	6253709	5	2005	53709	3709	0	21	331117	6080264	13J13	10.0	2.82	78	106	22.3	2.2	.67	.99	1111	.2	3
6223422	6253710	5	2005	53710	3710	0	21	334924	6080589	13J13	.5	.64	530	666	6.1	29.0	1.70	.30	965	56.0	101
6223423	6253711	5	2005	53711	3711	0	21	338880	6079165	13J13	2.0	.72	81	98	6.0	23.2	.55	.29	242	19.0	5
6223424	6253712	5	2005	53712	3712	0	21	338450	6077243	13J13	.5	.09	230	276	.8	29.9	1.61	.08	222	25.0	15
6223425	6253713	5	2005	53713	3713	0	21	335666	6078494	13J13	2.0	.76	110	127	6.6	29.3	.55	.33	249	.2	5
6223426	6253714	2	2005	23714	3714	0	21	332983	6079022	13J13	7.0	1.50	98	116	12.5	16.7	.82	.55	473	.2	7
6223427	6223715	2	2005	23715	3715	0	21	344766	6068493	13J11	.5	.19	38	45	1.5	27.5	.30	.19	148	.2	5
6223428	6223716	2	2005	23716	3716	0	21	347397	6068499	13J11	.5	.10	100	120	1.0	47.6	.47	.10	72	.2	4
6223429	6223717	2	2005	23717	3717	0	21	350602	6068870	13J11	.5	.09	53	62	.8	17.7	.23	.07	29	18.0	17
6223431	6223718	2	2005	23718	3718	0	21	353518	6068921	13J11	6.0	1.83	36	51	6.6	6.2	.43	.85	595	.2	6
6223432	6223719	2	2005	23719	3719	1	21	354084	6067203	13J11	1.0	.11	32	37	.5	26.3	.21	.09	56	.2	3
6223433	6223720	2	2005	23720	3720	2	21	354084	6067203	13J11	.5	.11	32	38	.5	26.5	.28	.09	55	.2	3
6223434	6223721	2	2005	23721	3721	0	21	359431	6068141	13J11	.5	.30	126	170	2.1	60.2	1.07	.27	174	21.0	16
6223435	6223722	2	2005	23722	3722	0	21	360588	6067714	13J11	3.0	.67	50	62	4.1	28.8	.38	.34	250	.2	4
6223436	6223723	2	2005	23723	3723	0	21	362205	6068667	13J11	.5	.29	144	174	2.4	58.1	1.29	.23	301	24.0	15
6223437	6223724	2	2005	23724	3724	0	21	363116	6068700	13J11	5.0	1.96	40	54	5.8	11.5	.50	.61	442	.2	3
6223438	6223725	2	2005	23725	3725	0	21	365879	6068215	13J11	1.0	.53	108	138	3.8	39.5	.68	.36	254	11.0	8
6223439	6223726	2	2005	23726	3726	0	21	370080	6066569	13J11	2.0	.77	108	125	2.7	30.8	.58	.28	467	17.0	15
6223441	6223727	2	2005	23727	3727	0	21	368698	6065492	13J11	.5	.26	76	97	1.3	30.6	.26	.14	115	.2	9
6223442	6223728	2	2005	23728	3728	0	21	367509	6064839	13J11	2.0	.19	61	72	2.0	25.9	.32	.12	93	.2	4
6223443	6223729	2	2005	23729	3729	0	21	363211	6066267	13J11	.5	.29	94	112	2.3	29.2	.60	.21	1132	.2	7
6223444	6223730	2	2005	23730	3730	0	21	361265	6065300	13J11	.5	.20	62	73	1.4	45.0	.29	.14	127	.2	9
6223445	6223731	2	2005	23731	3731	0	21	359885	6064421	13J11	.5	.14	110	138	1.6	45.3	.45	.16	605	12.0	9
6223446	6223732	2	2005	23732	3732	0	21	357097	6063202	13J11	.5	.14	73	85	2.1	35.3	.38	.22	273	.2	7
6223447	6223733	2	2005	23733	3733	0	21	356560	6064560	13J11	6.0	1.64	37	45	3.5	17.6	.48	.51	397	.2	3
6223448	6223734	2	2005	23734	3734	0	21	354600	6064054	13J11	3.0	.41	130	157	2.8	36.2	1.93	.23	204	.2	11
6223449	6223735	2	2005	23735	3735	0	21	348080	6064695	13J11	.5	.20	74	86	1.5	26.5	.90	.14	115	11.0	7
6223451	6223736	2	2005	23736	3736	0	21	347456	6066500	13J11	.5	.11	110	130	1.5	30.8	.87	.12	58	.2	10
6223452	6223737	2	2005	23737	3737	0	21	345798	6067108	13J11	2.0	.49	180	218	4.4	40.0	1.21	.32	245	.2	13
6223453	6223738	2	2005	23738	3738	0	21	342790	6066426	13J11	8.0	2.19	98	119	9.7	4.3	.66	.69	518	.2	11
6223454	6223739	2	2005	23739	3739	0	21	339910	6067577	13J11	7.0	1.48	140	164	9.3	19.0	1.20	.65	413	.2	10
6223455	6223740	2	2005	23740	3740	1	21	340329	6064920	13J11	8.0	1.73	56	67	8.6	17.0	.54	.78	544	6.0	5
6223456	6223741	2	2005	23741	3741	2	21	340329	6064920	13J11	9.0	1.86	43	53	7.7	12.5	.43	.81	541	3.0	4
6223457	6223742	2	2005	23742	3742	0	21	339610	6061367	13J11	2.0	.41	120	134	11.0	27.9	.94	.51	564	.2	9
6223458	6223743	2	2005	23743	3743	0	21	345491	6064098	13J11	3.0	.38	92	107	5.2	23.9	1.17	.29	244	22.0	9
6223459	6223744	2	2005	23744	3744	0	21	344077	6061230	13J11	4.0	.78	150	174	6.6	22.9	1.24	.43	1566	19.0	15
6223461	6223745	2	2005	23745	3745	0	21	344980	6060133	13J11	6.0	.96	35	43	3.2	26.2	.27	.42	323	.2	4
6223462	6223746	2	2005	23746	3746	0	21	346018	6059102	13J11	2.0	.28	46	53	3.0	27.9	.28	.29	208	.2	2
6223463	6223747	2	2005	23747	3747	0	21	355580	6058725	13J11	5.0	.76	76	91	4.4	15.9	.62	.60	1598	22.0	13
6223464	6223748	2	2005	23748	3748	0	21	356240	6061170	13J11	11.0	2.51	37	55	6.8	1.4	.47	.72	604	3.0	3
6223465	6223749	2	2005	23749	3749	0	21	359300	6060152	13J11	5.0	1.02	210	227	6.6	24.7	.90	.44	397	70.0	21
6223466	6223750	2	2005	23750	3750	0	21	362031	6063183	13J11	.5	.08	27	31	.5	31.4	.21	.14	83	.2	3
6223467	6223751	2	2005	23751	3751	0	21	365548	6063298	13J11	3.0	.21	66	70	1.4	19.6	.35	.11	79	.2	1
6223468	6223752	2	2005	23752	3752	0	21	369470	6068058	13J11	4.0	.81	64	72	7.2	23.4	.39	.70	548	.2	8
6223469	6223753	2	2005	23753	3753	0	21	370234	6063405	13J11	7.0	1.25	71	86	.9	50.4	.30	.22	209	.2	3
6223471	6223754	2	2005	23754	3754	0	21	369639	6064296	13J11	.5	.44	86	101	2.2	24.2	.33	.21	209	12.0	7
6223472	6223755	2	2005	23755	3755	0	21	368764	6062455	13J11	9.0	1.96	34	50	4.6	5.2	.38	.63	596	.2	7
6223473	6223756	2	2005	23756	3756	0	21	367429	6060304	13J11	9.0	.85	71	88	2.4	26.1	.51	.37	360	11.0	17
6223474	6223757	2	2005	23757	3757	0	21	369300	6058250	13J11	11.0	1.61	38	42	5.4	9.3	.37	.99	802	.2	8
6223475	6223758	2	2005	23758	3758	0	21	370416	6056598	13J11	9.0	2.14	39	53	4.1	5.6	.41	.46	418	2.0	3
6223476	6223759	2	2005	23759	3759	1	21	367347	6057560	13J11	.5	.20	110	120	.6	37.9	.02	.12	98	121.0	38
6223477	6223760	2	2005	23760	3760	2	21	367347	6057560	13J11	1.0	.15	160	175	.6	46.6	.02	.11	86	154.0	50
6223478	6223761	2	2005	23761	3761	0	21	365795	6054669	13J11	.5	.47	49	55	3.4	24.2	.29	.26	218	.2	7
6223479	6223762	2	2005	23762	3762	0	21	364568	6056214	13J11	5.0	1.25	68	89	3.2	18.9	.52	.40	422	9.0	16
6223481	6223763	2	2005	23763	3763	0	21	361969	6058200	13J11	.5	.11	39	44	.1	85.6	.17	.09	72	6.0	1

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	hf1	k2	la1	la2	li2	loi	lu1	mg2	mn2	mo1	mo2
6223482	6223764	2	2005	23764	3764	0	21	361018	6055867	13J11	3.0	.76	82	91	3.6	16.1	.41	.34	393	30.0	23
6223483	6223765	2	2005	23765	3765	0	21	358938	6058061	13J11	.5	.15	170	192	1.3	41.5	.50	.14	253	.2	9
6223484	6223766	2	2005	23766	3766	0	21	356822	6057792	13J11	.5	.22	38	40	1.3	16.9	.18	.11	77	.2	1
6223485	6223767	2	2005	23767	3767	0	21	357279	6055560	13J11	5.0	2.48	30	44	4.0	1.2	.36	.52	485	.2	4
6223486	6223768	2	2005	23768	3768	0	21	354556	6055699	13J11	2.0	.32	38	42	1.3	13.6	.15	.13	177	.2	6
6223487	6223769	2	2005	23769	3769	0	21	349843	6056355	13J11	3.0	.42	93	105	4.1	35.2	.43	.32	572	13.0	17
6223488	6223770	2	2005	23770	3770	0	21	349471	6055314	13J11	.5	.15	47	54	1.0	27.4	.29	.11	121	.2	6
6223489	6223771	2	2005	23771	3771	0	21	346740	6055521	13J11	.5	.09	179	205	1.2	29.6	.62	.10	73	.2	7
6223491	6223772	2	2005	23772	3772	0	21	344733	6055628	13J11	.5	.24	189	222	1.4	24.0	.72	.13	1785	33.0	23
6223492	6223773	2	2005	23773	3773	0	21	343012	6056552	13J11	.5	.21	103	117	2.6	23.6	.50	.20	697	.2	16
6223493	6223774	2	2005	23774	3774	0	21	339575	6059178	13J11	.5	.18	137	163	4.7	37.4	.76	.23	330	22.0	10
6223494	6223775	2	2005	23775	3775	0	21	338996	6057692	13J11	2.0	.17	168	221	3.9	45.1	.96	.30	598	22.0	24
6223495	6223776	2	2005	23776	3776	0	21	339732	6053808	13J11	3.0	.85	84	93	4.9	22.3	.50	.44	452	.2	5
6223496	6223777	2	2005	23777	3777	0	21	339854	6052855	13J11	.5	.19	34	38	.9	26.8	.13	.13	82	.2	2
6223497	6223778	2	2005	23778	3778	0	21	343312	6053111	13J11	.5	.16	140	185	1.5	45.8	.63	.14	224	18.0	10
6223498	6223779	2	2005	23779	3779	0	21	345625	6053577	13J11	.5	.12	50	65	1.2	22.9	.29	.08	79	8.0	7
6223499	6253780	5	2005	53780	3780	0	21	333658	6077777	13J13	.5	.18	154	199	3.0	32.1	.43	.16	124	.2	7
6223501	6253781	5	2005	53781	3781	0	21	332065	6077595	13J13	.5	.20	420	585	4.3	48.9	1.04	.20	222	.2	20
6223502	6253782	5	2005	53782	3782	0	21	332654	6076584	13J13	.5	.10	469	641	2.1	48.1	1.09	.16	166	.2	16
6223503	6253783	5	2005	53783	3783	0	21	335886	6075591	13J13	11.0	.90	84	117	8.1	27.0	.70	.45	444	7.0	8
6223504	6253784	5	2005	53784	3784	0	21	333802	6075414	13J13	.5	.18	637	865	2.8	30.6	2.28	.27	251	.2	27
6223505	6253785	5	2005	53785	3785	1	21	330347	6075471	13J13	4.0	.25	147	193	4.2	33.4	.69	.16	354	9.0	11
6223506	6253786	5	2005	53786	3786	2	21	330347	6075471	13J13	5.0	.36	287	374	6.2	35.7	1.11	.24	399	.2	20
6223507	6253787	5	2005	53787	3787	0	21	331911	6073307	13J13	.5	.11	126	158	1.0	42.5	.43	.11	225	19.0	17
6223508	6253788	5	2005	53788	3788	0	21	333692	6072912	13J13	.5	.05	72	80	.9	36.2	.30	.15	98	15.0	5
6223509	6253789	5	2005	53789	3789	0	21	335107	6072954	13J13	2.0	.60	240	279	4.9	36.8	1.30	.31	558	59.0	40
6223511	6253790	5	2005	53790	3790	0	21	334512	6072218	13J13	.5	.12	152	171	1.3	31.5	.61	.11	231	.2	20
6223512	6253791	5	2005	53791	3791	0	21	337785	6071141	13J13	7.0	1.87	54	66	8.3	14.1	.50	.74	481	.2	4
6223513	6253792	5	2005	53792	3792	0	21	337957	6073119	13J13	2.0	.29	200	211	2.8	45.9	.89	.19	195	.2	13
6223514	6253793	5	2005	53793	3793	0	21	325171	6083036	13J13	2.0	.29	80	93	2.5	43.0	.60	.21	230	.2	8
6223515	6253794	5	2005	53794	3794	0	21	326582	6083950	13J13	6.0	1.75	128	147	13.5	12.8	1.24	.76	1064	.2	4
6223516	6253795	5	2005	53795	3795	0	21	325044	6084265	13J13	3.0	.75	49	54	17.8	26.1	.38	.90	1386	9.0	8
6223517	6253796	5	2005	53796	3796	0	21	347865	6055514	13J11	2.0	.33	264	289	2.3	38.7	1.12	.18	787	34.0	24
6223518	6253797	5	2005	53797	3797	0	21	343609	6050759	13J11	2.0	.30	40	42	2.0	26.2	.24	.16	162	5.0	3
6223519	6253798	5	2005	53798	3798	0	21	346054	6051331	13J11	.5	.14	53	59	.9	33.9	.27	.11	219	5.0	6
6223521	6253799	5	2005	53799	3799	0	21	348305	6053030	13J11	3.0	.75	31	36	3.1	23.0	.25	.29	244	6.0	4
6223522	6253800	5	2005	53800	3800	0	21	350650	6052162	13J11	.5	.07	43	55	.6	28.3	.45	.07	47	7.0	3
6223523	6253801	5	2005	53801	3801	0	21	355425	6053316	13J11	.5	.13	49	63	1.0	16.7	.26	.07	47	.2	1
6223524	6253802	5	2005	53802	3802	0	21	355347	6052692	13J11	2.0	.51	61	74	2.5	29.8	.29	.22	151	8.0	3
6223525	6253803	5	2005	53803	3803	0	21	356342	6050220	13J11	.5	.11	145	179	.8	25.2	.39	.08	49	10.0	11
6223526	6253804	5	2005	53804	3804	0	21	361208	6053056	13J11	.5	.11	31	36	1.1	20.8	.21	.09	69	.2	4
6223527	6253805	5	2005	53805	3805	1	21	362355	6053650	13J11	2.0	.17	22	25	.6	21.3	.14	.08	48	.2	1
6223528	6253806	5	2005	53806	3806	2	21	362355	6053650	13J11	2.0	.14	23	25	.5	20.9	.02	.07	39	.2	1
6223529	6253807	5	2005	53807	3807	0	21	364240	6055037	13J11	3.0	.31	94	109	1.2	36.3	.60	.13	141	.2	10
6223531	6253808	5	2005	53808	3808	0	21	370474	6053819	13J11	4.0	2.39	28	38	3.3	5.3	.26	.43	426	.2	3
6223532	6253809	5	2005	53809	3809	0	21	370550	6047272	13J11	4.0	1.04	110	114	3.4	20.1	.70	.30	544	.2	6
6223533	6253810	5	2005	53810	3810	0	21	370377	6045405	13J11	.5	.21	200	216	1.1	39.1	.76	.14	111	.2	8
6223534	6253811	5	2005	53811	3811	0	21	363002	6046614	13J11	3.0	.46	33	35	1.9	19.2	.34	.18	129	.2	1
6223535	6253812	5	2005	53812	3812	0	21	362209	6045456	13J11	2.0	.31	73	71	1.5	28.6	.47	.15	115	.2	4
6223536	6253813	5	2005	53813	3813	0	21	361758	6044300	13J11	2.0	.54	74	92	3.4	25.9	.30	.26	230	10.0	10
6223537	6253814	5	2005	53814	3814	0	21	358342	6043432	13J11	.5	.20	160	170	1.1	36.9	.83	.13	145	12.0	11
6223538	6253815	5	2005	53815	3815	0	21	357040	6044525	13J11	6.0	2.18	25	34	2.4	3.7	.34	.45	484	.2	2
6223539	6253816	5	2005	53816	3816	0	21	349858	6047954	13J11	.5	.08	29	30	.5	23.5	.19	.06	42	.2	2
6223541	6253817	5	2005	53817	3817	0	21	347726	6043680	13J11	.5	.06	27	27	.1	22.5	.02	.04	23	3.0	2
6223542	6253818	5	2005	53818	3818	0	21	343559	6044664	13J11	5.0	.45	133	141	1.8	29.9	.68	.17	203	32.0	40

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	na1	na2	nb2	nd1	ni1	ni2	p2	pb2	rb1	rb2	sb1	sc1
6222633	6253000	5	2005	53000	3000	0	20	679921	6070025	13K09	.09	.11	2	41	130	16	1089	10	2	7	.02	2.8
6222634	6253001	5	2005	53001	3001	0	20	678062	6069807	13K09	.12	.12	2	42	5	11	1431	5	2	3	.02	2.8
6222635	6253002	5	2005	53002	3002	0	20	676113	6069185	13K09	.25	.34	3	32	5	13	796	6	2	11	.02	2.9
6222636	6253003	5	2005	53003	3003	0	20	673963	6069298	13K09	.12	.14	2	23	5	13	885	8	2	6	.20	2.8
6222637	6253004	5	2005	53004	3004	0	20	672389	6068737	13K09	.33	.43	3	29	5	22	840	10	2	12	.02	4.7
6222638	6253005	2	2005	53005	3005	0	20	671007	6068263	13K09	.18	.20	2	2	5	10	450	4	2	9	.02	2.3
6222639	6253006	2	2005	53006	3006	0	20	669772	6069566	13K09	.21	.25	3	50	5	27	1709	8	2	13	.02	7.2
6222641	6253007	2	2005	53007	3007	0	20	667718	6067880	13K09	.26	.30	2	24	5	16	1750	7	2	8	.02	4.2
6222642	6253008	2	2005	53008	3008	0	20	665019	6067900	13K09	.35	.44	3	41	5	25	1918	8	25	19	.02	5.5
#NULL!	6273009	2	2005	73009	3009	0	20	665714	6065512	13K09	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!
6222644	6253010	2	2005	53010	3010	0	20	675399	6066307	13K09	1.85	2.23	12	25	5	32	902	15	61	81	.30	11.0
6222645	6253011	5	2005	53011	3011	0	20	673721	6060620	13K09	.07	.06	1	94	5	25	1852	8	2	6	.02	6.1
6222646	6253012	5	2005	53012	3012	0	20	676479	6061717	13K09	.13	.14	2	45	130	17	475	7	2	4	.02	2.4
6222647	6253013	5	2005	53013	3013	0	20	676926	6063590	13K09	.09	.08	3	61	150	25	2565	9	2	8	.02	5.2
6222648	6253014	5	2005	53014	3014	0	20	679818	6062633	13K09	.08	.10	1	22	5	26	1507	9	2	3	.30	3.0
6222649	6253015	5	2005	53015	3015	0	20	680570	6062187	13K09	.12	.14	1	49	5	18	406	4	2	1	.02	2.5
6222651	6253016	5	2005	53016	3016	0	20	681408	6062898	13K09	.11	.15	3	248	5	26	2464	41	2	7	.50	5.5
6222652	6253017	5	2005	53017	3017	0	20	683098	6063698	13K09	.07	.08	2	435	5	20	1445	15	2	7	.02	6.6
6222653	6253018	5	2005	53018	3018	0	20	683596	6065217	13K09	.29	.34	4	264	5	20	782	15	2	16	.02	4.9
6222654	6253019	5	2005	53019	3019	1	20	686691	6065038	13K09	.40	.51	4	94	5	17	550	14	2	21	.02	4.0
6222655	6253020	5	2005	53020	3020	2	20	686691	6065038	13K09	.38	.46	4	110	240	18	524	12	2	22	.02	4.2
6222656	6253021	5	2005	53021	3021	0	20	687332	6066450	13K09	.07	.04	1	108	5	9	662	4	2	4	.02	3.1
6222657	6253022	5	2005	53022	3022	0	20	688951	6066554	13K09	1.60	1.74	10	36	5	29	687	15	72	72	.20	10.2
6222658	6253023	5	2005	53023	3023	0	20	689781	6068976	13K09	.31	.35	3	23	5	18	1821	12	2	15	.02	5.3
6222659	6253024	5	2005	53024	3024	0	21	308060	6073660	13J13	.34	.44	5	120	5	41	2558	12	2	14	.02	7.8
6222661	6253025	5	2005	53025	3025	0	21	308666	6075111	13J13	.53	.68	5	96	5	32	3400	14	2	22	.20	8.4
6222662	6253026	5	2005	53026	3026	0	21	307144	6074900	13J13	.25	.28	2	32	5	16	887	4	2	6	.02	3.7
6222663	6253027	5	2005	53027	3027	0	21	309497	6078298	13J13	.32	.37	2	50	5	19	588	5	23	10	.02	4.7
6222664	6253028	5	2005	53028	3028	0	21	311603	6078264	13J13	.09	.09	1	53	5	16	467	3	2	3	.02	2.2
6222665	6253029	5	2005	53029	3029	0	21	312764	6077794	13J13	.76	.70	5	38	5	20	712	7	2	31	.02	5.8
6222666	6253030	5	2005	53030	3030	0	21	315113	6078341	13J13	.11	.10	2	32	5	11	1227	3	2	4	.02	3.4
6222667	6253031	5	2005	53031	3031	0	21	316529	6079976	13J13	.09	.09	2	85	5	18	644	7	2	5	.02	2.5
6222668	6253032	5	2005	53032	3032	0	21	317652	6079979	13J13	1.17	1.34	9	39	5	37	2437	15	50	78	.02	9.8
6222669	6253033	5	2005	53033	3033	0	21	321324	6080718	13J13	1.56	1.90	11	20	5	27	1243	14	55	59	.02	9.3
6222671	6253034	5	2005	53034	3034	0	21	323560	6083824	13J13	1.11	1.39	9	49	5	24	1510	15	43	35	.02	8.4
6222731	6253035	5	2005	53035	3035	0	21	322636	6085487	13J13	.18	.22	3	45	5	8	1484	5	2	2	.02	3.2
6222732	6253036	5	2005	53036	3036	0	21	319640	6088135	13J13	1.17	1.45	10	45	5	34	4109	16	42	61	.30	8.6
6222733	6253037	5	2005	53037	3037	0	21	318469	6089079	13J13	1.57	2.03	11	24	5	38	1017	17	74	81	.02	10.0
6222734	6253038	5	2005	53038	3038	0	21	321691	6089769	13J13	.71	.75	5	31	5	20	1174	8	2	29	.02	5.4
6222735	6253039	5	2005	53039	3039	1	20	689554	6065230	13K09	.06	.04	1	70	5	12	513	7	2	1	.02	2.4
6222736	6253040	5	2005	53040	3040	2	20	689554	6065230	13K09	.05	.05	1	81	5	12	545	11	2	1	.02	2.8
6222737	6253041	2	2005	53041	3041	0	20	686966	6063240	13K09	.84	.96	7	23	5	9	708	19	34	36	.02	4.7
6222738	6253042	5	2005	53042	3042	0	20	686600	6062150	13K09	.11	.12	1	25	5	5	451	8	2	1	.02	2.4
6222739	6253043	5	2005	53043	3043	0	20	685187	6063410	13K09	.06	.07	2	220	5	26	995	18	2	4	.02	4.5
6222741	6253044	5	2005	53044	3044	0	20	683465	6062721	13K09	.19	.23	2	66	5	9	461	6	2	4	.02	2.3
6222742	6253045	5	2005	53045	3045	0	20	682063	6061387	13K09	.06	.06	2	240	5	10	1879	14	2	1	.02	7.4
6222743	6253046	5	2005	53046	3046	0	20	677933	6058933	13K09	.44	.56	4	49	5	11	739	12	2	14	.02	3.6
6222744	6253047	5	2005	53047	3047	0	20	675001	6059621	13K09	.10	.09	2	45	5	13	1849	6	2	2	.20	3.3
6222745	6253048	5	2005	53048	3048	0	20	674315	6057819	13K09	.35	.46	6	110	5	30	2937	92	2	16	.40	6.7
6222746	6253049	5	2005	53049	3049	0	20	671144	6055706	13K09	.36	.46	5	51	5	23	1471	29	57	19	.20	4.8
6222747	6253050	5	2005	53050	3050	0	20	669441	6053988	13K09	.15	.15	1	200	5	12	1595	14	2	3	.60	5.0
6222748	6253051	5	2005	53051	3051	0	20	667050	6053315	13K09	.58	.71	7	39	5	14	1306	12	2	15	.02	5.4
6222749	6253052	5	2005	53052	3052	0	20	665955	6052537	13K09	1.65	1.79	8	19	5	14	422	28	50	48	.20	8.0
6222751	6253053	5	2005	53053	3053	0	20	666986	6051916	13K09	.29	.42	5	71	5	18	1928	24	2	16	.02	5.3
6222752	6253054	5	2005	53054	3054	0	20	670191	6052270	13K09	.54	.63	5	33	5	18	1150	20	2	20	.30	5.4
6222753	6253055	5	2005	53055	3055	0	20	671380	6052629	13K09	1.19	1.29	8	41	5	15	658	18	2	46	.02	7.1
6222754	6253056	5	2005	53056	3056	0	20	673571	6053753	13K09	.47	.58	5	48	5	16	1718	25	2	22	.20	5.0
6222755	6253057	5	2005	53057	3057	0	20	675061	6054621	13K09	.72	.80	5	18	5	17	547	12	2	26	.02	4.6
6222756	6253058	5	2005	53058	3058	0	20	676345	6056223	13K09	.21	.25	2	43	5	14	493	6	2	5	.02	2.9
6222757	6253059	5	2005	53059	3059	1	20	677639	6056753	13K09	.10	.11	2	60	5	34	562	13	2	4	.02	3.0
6222758	6253060	5	2005	53060	3060	2	20	677639	6056753	13K09	.15	.13	2	50	5	43	602	10	2	2	.02	3.4
6222759	6253061	5	2005	53061	3061	0	20	680537	6058283	13K09	.77	.75	7	53	5	18	1111	17	2	30	.02	6.8
6222761	6253062	5	2005	53062	3062	0	20	681235	6059168	13K09	.27	.30	4	82	5	20	1555	18	2	10	.02	4.0
6222762	6253063	5	2005	53063	3063	0	20	683575	6059447	13K09	1.91	2.26	12	24	5	36	965	17	96	105	.40	11.0
6222763	6253064	5	2005	53064	3064	0	20	686817	6058965	13K09	.10	.07	2	71	5	9	899	20	2	1	.02	2.9
6222764	6253065	5	2005	53065	3065	0	20	689884	6059286	13K09	.53	.57	5	26	5	12	1148	31	2	13	.02	4.1
6222765	6253066	5	2005	53066	3066	0	20	690527	6061452	13K09	.53	.58	4	16	130	8	506	12	2	15	.02	3.6
6222766	6253067	5	2005	53067	3067	0	20	692150	6063132	13K09	.14	.17	4	160	5	18	2925	20	2	1	.02	6.2
6222767	6253068	5	2005	53068	3068	0	21	308544	6065178	13J12	.14	.20	7	111	5	133	4077	41	2	8	.50	5.9

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	na1	na2	nb2	nd1	ni1	ni2	p2	pb2	rb1	rb2	sb1	sc1
6222768	6253069	5	2005	53069	3069	0	21	309237	6065177	13J12	.34	.49	7	102	5	45	3177	35	2	18	.02	4.8
6222769	6253070	5	2005	53070	3070	0	21	308647	6065639	13J12	.09	.12	2	102	630	612	869	29	2	13	.02	4.2
6222771	6253071	5	2005	53071	3071	0	21	308633	6066105	13J12	.09	.11	4	67	330	323	2302	18	2	8	.02	4.4
6222772	6253072	5	2005	53072	3072	0	21	306934	6066457	13J12	.37	.49	6	71	5	55	822	22	2	16	.02	3.7
6222773	6253073	5	2005	53073	3073	0	21	308367	6068111	13J12	.13	.11	3	49	5	16	333	13	2	1	.02	1.8
6222774	6253074	5	2005	53074	3074	0	21	311204	6074351	13J13	.14	.16	3	60	5	17	2031	7	2	3	.02	3.2
6222775	6253075	5	2005	53075	3075	0	21	312985	6074002	13J13	.53	.77	8	57	5	43	2514	19	2	33	.02	6.9
6222776	6253076	5	2005	53076	3076	0	21	314763	6075664	13J13	.66	.94	10	65	5	30	2927	21	2	36	.30	7.3
6222777	6253077	5	2005	53077	3077	0	21	312611	6076460	13J13	1.01	.93	5	26	5	13	460	10	2	11	.02	4.9
6222778	6253078	5	2005	53078	3078	0	21	311664	6076972	13J13	.47	.61	4	32	5	15	511	6	2	14	.02	3.4
6222779	6253079	5	2005	53079	3079	0	21	322134	6078120	13J13	.15	.16	5	171	5	8	1875	17	2	4	.02	3.1
6222781	6253080	5	2005	53080	3080	1	21	324735	6077854	13J13	.32	.44	7	108	5	23	2175	17	2	13	.02	4.5
6222782	6253081	5	2005	53081	3081	2	21	324735	6077854	13J13	.70	.91	8	135	5	16	1778	17	2	29	.02	5.9
6222783	6253082	5	2005	53082	3082	0	21	323021	6080305	13J13	1.53	2.09	11	33	5	22	776	18	77	65	.30	7.1
6222843	6253083	5	2005	53083	3083	0	21	325673	6081190	13J13	1.84	2.24	13	19	5	13	578	18	51	77	.02	6.5
6222844	6253084	5	2005	53084	3084	0	20	685924	6057529	13K09	.31	.37	3	18	5	11	450	6	2	11	.02	2.8
6222845	6253085	5	2005	53085	3085	0	20	683320	6056995	13K09	.19	.23	6	136	5	15	3421	38	2	13	.02	5.8
6222846	6253086	5	2005	53086	3086	0	20	682781	6055589	13K09	.47	.52	6	60	5	18	1109	53	2	19	.02	5.6
6222847	6253087	5	2005	53087	3087	0	20	681180	6055053	13K09	.20	.23	5	62	5	15	2564	13	2	9	.30	3.8
6222848	6253088	5	2005	53088	3088	0	20	678714	6054636	13K09	.15	.16	2	15	5	6	1004	10	2	6	.02	2.3
6222849	6253089	5	2005	53089	3089	0	20	679002	6053025	13K09	.31	.35	3	23	5	9	949	8	2	12	.30	3.2
6222851	6253090	5	2005	53090	3090	0	20	677816	6052425	13K09	.56	.60	5	14	5	9	600	14	2	25	.02	3.5
6222852	6253091	5	2005	53091	3091	0	20	677523	6051548	13K09	.92	.89	6	56	5	15	1287	14	2	38	.02	5.8
6222853	6253092	5	2005	53092	3092	0	20	673976	6050626	13K09	1.00	1.14	9	57	5	32	1567	26	50	86	.02	8.5
6222854	6253093	5	2005	53093	3093	0	20	673686	6051233	13K09	.17	.22	6	57	5	13	3102	13	2	14	.02	4.3
6222855	6253094	5	2005	53094	3094	0	20	669333	6048161	13K09	.25	.27	4	59	5	17	2542	16	2	13	.02	5.4
6222856	6253095	5	2005	53095	3095	0	20	668985	6049495	13K09	.12	.14	3	68	5	16	1616	12	2	7	.02	4.8
6222857	6253096	5	2005	53096	3096	0	20	667466	6049870	13K09	.24	.25	3	22	5	11	741	6	2	7	.02	3.2
6222858	6253097	5	2005	53097	3097	0	20	665328	6048731	13K09	.17	.19	3	39	5	16	922	10	2	9	.02	3.5
6222859	6253098	5	2005	53098	3098	0	20	662010	6045969	13K09	.37	.42	3	21	5	10	842	9	2	10	.30	3.5
6222861	6253099	5	2005	53099	3099	1	20	663582	6044773	13K09	.24	.27	3	23	5	11	1596	6	2	7	.02	2.9
6222862	6253100	5	2005	53100	3100	2	20	663582	6044773	13K09	.26	.28	3	16	5	10	1364	6	2	9	.02	3.0
6222863	6253101	5	2005	53101	3101	0	20	662616	6043115	13K09	.19	.23	5	78	5	21	2936	13	28	20	.30	6.1
6222864	6253102	5	2005	53102	3102	0	20	663537	6042495	13K09	.60	.65	4	65	5	17	1661	12	34	23	.02	7.2
6222865	6253103	5	2005	53103	3103	0	20	667043	6042085	13K09	.14	.15	3	56	5	16	1122	6	2	9	.02	4.8
6222866	6253104	5	2005	53104	3104	0	20	665852	6045837	13K09	.07	.08	2	69	5	17	997	6	2	6	.02	3.4
6222867	6253105	5	2005	53105	3105	0	20	666805	6046499	13K09	.12	.13	3	74	5	17	2570	11	2	2	.02	3.8
6222868	6253106	5	2005	53106	3106	0	20	669676	6046371	13K09	.11	.12	3	65	5	19	959	10	2	9	.02	3.6
6222869	6253107	5	2005	53107	3107	0	20	671268	6047092	13K09	.10	.12	3	72	5	18	1185	11	2	5	.02	4.5
6222871	6253108	5	2005	53108	3108	0	20	672384	6048997	13K09	.34	.43	5	88	5	21	2410	19	30	19	.02	5.2
6222872	6253109	5	2005	53109	3109	0	20	673471	6048811	13K09	.77	.74	6	38	5	14	883	23	2	30	.02	5.4
6222873	6253110	5	2005	53110	3110	0	20	678636	6050703	13K09	.30	.36	4	26	5	15	723	8	2	14	.02	3.4
6222874	6253111	5	2005	53111	3111	0	20	681208	6052741	13K09	1.44	1.56	11	79	5	24	1488	23	50	61	.02	9.3
6222875	6253112	5	2005	53112	3112	0	20	682293	6052755	13K09	.20	.25	3	16	5	9	482	7	30	8	.02	2.9
6222876	6253113	5	2005	53113	3113	0	20	683440	6055295	13K09	.14	.13	4	88	5	9	2620	30	2	5	.02	3.6
6222877	6253114	5	2005	53114	3114	0	20	685156	6055145	13K09	.20	.18	4	71	5	16	1145	9	2	6	.40	4.0
6222878	6253115	5	2005	53115	3115	0	20	686369	6056481	13K09	1.15	1.04	9	24	5	12	1296	20	2	40	.02	7.4
6222879	6253116	5	2005	53116	3116	0	20	687385	6055364	13K09	.14	.14	2	51	5	13	606	4	2	3	.40	4.1
6222881	6253117	5	2005	53117	3117	0	20	688196	6055562	13K09	.66	.69	5	41	5	14	1889	13	2	16	.50	6.2
6222882	6253118	5	2005	53118	3118	0	20	689533	6056655	13K09	.25	.27	3	82	5	13	1075	11	2	5	.30	5.0
6222883	6253119	5	2005	53119	3119	1	20	691389	6057871	13K09	.45	.49	4	28	5	11	832	8	2	8	.30	4.7
6222884	6253120	5	2005	53120	3120	2	20	691389	6057871	13K09	.41	.43	4	24	5	10	904	9	2	5	.02	4.5
6222885	6253121	5	2005	53121	3121	0	20	691863	6059092	13K09	.35	.33	4	65	5	15	1596	9	2	6	.02	4.6
6222886	6253122	5	2005	53122	3122	0	21	306804	6060884	13J12	2.09	1.88	14	85	5	32	778	21	89	71	.02	13.0
6222887	6253123	5	2005	53123	3123	0	21	308335	6062720	13J12	.90	.85	6	27	5	10	787	14	2	24	.30	5.2
6222888	6253124	5	2005	53124	3124	0	21	311709	6064889	13J12	.13	.09	2	88	5	10	558	5	2	1	.02	2.5
6222889	6253125	5	2005	53125	3125	0	21	311992	6066067	13J12	.42	.45	4	36	5	10	584	9	2	19	.02	3.3
6222891	6253126	5	2005	53126	3126	0	21	313847	6065880	13J12	.23	.25	3	37	5	15	974	7	2	17	.02	3.5
6222892	6253127	5	2005	53127	3127	0	21	316897	6068091	13J12	.07	.08	2	57	5	19	2496	9	2	3	.02	3.6
6222893	6253128	5	2005	53128	3128	0	21	315411	6068652	13J12	.11	.08	2	114	5	11	2027	9	2	2	.02	4.5
6222894	6253129	5	2005	53129	3129	0	21	323935	6083135	13J13	.58	.74	6	81	5	19	2854	14	2	21	.40	8.3
6222895	6253130	5	2005	53130	3130	0	21	327471	6085709	13J13	2.05	2.58	11	18	5	12	549	15	50	71	.20	7.4
6222896	6253131	5	2005	53131	3131	0	21	326094	6084728	13J13	1.99	2.40	11	23	5	22	741	15	2	61	.40	11.4
6222897	6253132	5	2005	53132	3132	0	20	687673	6052018	13K09	.78	.81	5	23	5	11	453	16	42	32	.02	4.3
6223016	6253133	5	2005	53133	3133	0	20	687980	6050405	13K09	.10	.14	2	12	5	8	1155	7	2	13	.02	2.0
6223017	6253134	5	2005	53134	3134	0	20	685579	6049870	13K09	.09	.11	2	11	5	13	469	8	2	11	.02	2.0
6223018	6253135	5	2005	53135	3135	0	20	684231	6049642	13K09	.12	.16	2	13	5	8	592	10	2	9	.02	2.1
6223019	6253136	5	2005	53136	3136	0	20	682485	6049637	13K09	.31	.46	6	37	5	17	3154	11	2	24	.02	4.4
6223021	6253137	5	2005	53137	3137	0	20	680600	6047921	13K09	.70	.95	6	10	5	12	668	10	2	33	.20	4.1

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	na1	na2	nb2	nd1	ni1	ni2	p2	pb2	rb1	rb2	sb1	sc1
6223022	6253138	5	2005	53138	3138	0	20	676280	6047613	13K09	.14	.18	1	32	5	13	407	7	2	11	.02	2.5
6223023	6253139	5	2005	53139	3139	1	20	676615	6047059	13K09	.24	.32	2	26	5	12	575	9	2	15	.02	2.4
6223024	6253140	5	2005	53140	3140	2	20	676615	6047059	13K09	.29	.39	2	20	5	11	591	5	2	15	.02	2.4
6223025	6253141	5	2005	53141	3141	0	20	676285	6045723	13K09	.09	.13	4	75	5	21	1504	8	2	9	.02	4.8
6223026	6253142	5	2005	53142	3142	0	20	675173	6043594	13K09	.94	1.27	8	25	5	24	1829	15	2	71	.02	6.4
6223027	6253143	5	2005	53143	3143	0	20	673063	6042900	13K09	.09	.10	2	57	5	17	700	33	42	12	.02	3.7
6223028	6253144	5	2005	53144	3144	0	20	670219	6042295	13K09	.05	.06	2	45	5	13	1699	6	2	5	.02	3.5
6223029	6253145	5	2005	53145	3145	0	20	678640	6046050	13K09	.31	.41	3	31	5	13	996	10	2	18	.02	2.9
6223031	6253146	5	2005	53146	3146	0	20	683482	6046450	13K09	.35	.52	4	17	5	15	1279	10	48	23	.02	3.3
6223032	6253147	5	2005	53147	3147	0	20	683510	6047251	13K09	.14	.19	3	47	5	13	2568	9	2	15	.02	3.1
6223033	6253148	5	2005	53148	3148	0	20	684665	6047702	13K09	.19	.28	5	143	5	29	2202	11	2	17	.02	7.5
6223034	6253149	5	2005	53149	3149	0	20	686977	6048459	13K09	.07	.07	4	98	5	27	1147	8	2	9	.20	4.3
6223035	6253150	5	2005	53150	3150	0	20	688240	6048884	13K09	.08	.10	2	83	5	18	1260	5	2	8	.02	3.1
6223036	6253151	5	2005	53151	3151	0	20	692385	6044991	13K09	1.18	1.66	9	28	5	27	1189	13	58	88	.02	6.6
6223037	6253152	5	2005	53152	3152	0	20	690319	6044429	13K09	.48	.70	5	34	5	25	1155	8	51	40	.40	4.1
6223038	6253153	5	2005	53153	3153	0	20	688270	6044290	13K09	.11	.14	2	53	5	21	1053	4	2	7	.20	3.3
6222672	6253154	5	2005	53154	3154	0	20	687089	6044551	13K09	.14	.17	2	24	5	10	433	5	2	9	.30	2.2
6222673	6253155	5	2005	53155	3155	0	20	684270	6043711	13K09	.51	.59	4	33	5	15	941	7	2	28	.02	4.0
6222674	6253156	5	2005	53156	3156	0	20	682626	6043126	13K09	.14	.16	4	75	5	14	2342	10	2	14	.02	4.0
6222675	6253157	5	2005	53157	3157	0	20	687479	6046044	13K09	.15	.21	2	29	5	13	635	4	2	8	.02	2.3
6222676	6253158	5	2005	53158	3158	0	20	690829	6046027	13K09	.08	.09	1	32	5	17	448	3	2	5	.02	2.3
6222677	6253159	5	2005	53159	3159	0	20	692318	6046886	13K09	1.03	1.21	7	24	5	22	1326	11	2	64	.02	5.7
6222678	6253160	5	2005	53160	3160	1	20	691737	6049333	13K09	.43	.52	5	49	5	18	2412	7	2	22	.02	4.9
6222679	6253161	5	2005	53161	3161	2	20	691737	6049333	13K09	.44	.54	5	39	5	18	2535	8	2	23	.02	4.9
6222681	6253162	5	2005	53162	3162	0	20	690172	6049777	13K09	.14	.15	2	43	5	19	1199	4	2	8	.02	3.1
6222682	6253163	5	2005	53163	3163	0	20	690949	6051222	13K09	1.01	1.15	7	30	5	14	1124	17	2	37	.02	6.4
6222683	6253164	5	2005	53164	3164	0	20	691882	6051353	13K09	.46	.51	4	24	5	14	1075	8	2	16	.02	4.1
6222684	6253165	5	2005	53165	3165	0	20	692491	6053576	13K09	.29	.34	4	61	5	13	1052	11	2	9	.02	4.0
6222685	6253166	5	2005	53166	3166	0	20	691302	6053343	13K09	.33	.43	4	31	5	15	1122	8	26	15	.02	3.5
6222686	6253167	5	2005	53167	3167	0	20	690012	6054901	13K09	.29	.39	3	99	5	14	2744	48	2	8	.02	6.3
6222687	6253168	5	2005	53168	3168	0	20	692375	6055807	13K09	.25	.30	2	81	5	12	972	13	2	4	.20	5.4
6222688	6253169	5	2005	53169	3169	0	21	306854	6058331	13J12	.13	.17	1	62	5	7	261	6	2	1	.60	5.6
6222689	6253170	5	2005	53170	3170	0	21	309398	6060052	13J12	.11	.12	1	44	5	4	575	7	2	1	.02	2.4
6222691	6253171	5	2005	53171	3171	0	21	310466	6062149	13J12	.20	.22	3	42	5	10	1099	4	2	6	.02	3.0
6222692	6253172	5	2005	53172	3172	0	21	308500	6066773	13J12	.10	.15	8	220	5	169	2639	71	2	9	.40	6.1
6222693	6253173	5	2005	53173	3173	0	21	321771	6070377	13J13	.13	.16	3	79	5	16	3390	10	2	7	.02	5.0
6222694	6253174	5	2005	53174	3174	0	21	323348	6071006	13J13	.08	.06	2	160	5	10	1076	10	2	3	.02	2.9
6222695	6253175	5	2005	53175	3175	0	21	321850	6073135	13J13	1.14	1.53	9	180	5	28	1830	21	2	45	.02	8.9
6222696	6253176	5	2005	53176	3176	0	21	324963	6073921	13J13	.07	.10	4	540	5	10	882	17	2	5	.02	3.3
6222697	6253177	5	2005	53177	3177	0	21	324403	6075954	13J13	.78	1.06	10	140	5	28	2132	20	41	51	.02	8.2
6222698	6253178	5	2005	53178	3178	0	21	326077	6077858	13J13	.42	.44	3	2	5	4	246	10	2	10	.02	1.8
6222699	6253179	5	2005	53179	3179	0	21	325980	6080047	13J13	.46	.54	4	29	5	10	330	6	2	21	.02	3.1
6222701	6253180	5	2005	53180	3180	1	21	308365	6068107	13J12	.14	.15	3	59	5	15	351	13	2	4	.30	2.3
6222702	6253181	5	2005	53181	3181	2	21	308365	6068107	13J12	.15	.18	3	70	5	15	330	14	2	6	.02	2.0
6222703	6253182	5	2005	53182	3182	0	21	312055	6061972	13J12	.36	.49	3	94	5	18	916	16	2	11	.02	5.1
6222704	6253183	5	2005	53183	3183	0	21	310790	6060170	13J12	.29	.42	3	85	5	14	749	15	2	10	.30	5.3
6222705	6253184	5	2005	53184	3184	0	21	311170	6059084	13J12	1.97	3.13	10	18	5	20	1203	24	2	37	.50	11.1
6222706	6253185	5	2005	53185	3185	0	21	309039	6058804	13J12	.12	.15	1	56	5	15	531	18	2	5	.40	3.3
6222707	6253186	5	2005	53186	3186	0	21	311119	6055373	13J12	.16	.19	2	25	5	8	573	4	37	5	.02	1.9
6222708	6253187	5	2005	53187	3187	0	21	308794	6053300	13J12	.16	.15	2	128	5	14	1819	78	2	5	.50	6.4
6222709	6253188	5	2005	53188	3188	0	21	308412	6053117	13J12	.58	.63	6	37	5	9	1056	12	2	21	.50	4.4
6222711	6253189	5	2005	53189	3189	0	21	307163	6052180	13J12	.49	.61	5	38	5	11	1102	17	2	18	.02	3.9
6222712	6253190	5	2005	53190	3190	0	21	306395	6051420	13J12	.50	.62	5	71	5	15	1338	54	36	20	.02	5.2
6222713	6253191	5	2005	53191	3191	0	21	307686	6051282	13J12	.11	.13	3	92	5	15	1417	43	2	5	.02	4.8
6222714	6253192	5	2005	53192	3192	0	21	308117	6051540	13J12	.09	.08	3	110	5	15	948	52	2	1	.02	6.0
6222715	6253193	5	2005	53193	3193	0	21	308052	6051865	13J12	.14	.16	1	68	5	9	1232	22	2	9	.02	6.6
6222716	6253194	5	2005	53194	3194	0	21	309689	6051359	13J12	.30	.38	5	120	5	64	2015	12	2	9	.02	6.3
6222717	6253195	5	2005	53195	3195	0	21	311453	6052585	13J12	.16	.19	3	72	5	30	756	15	2	5	.02	3.8
6222718	6253196	5	2005	53196	3196	0	21	311243	6053592	13J12	.19	.30	4	130	5	27	2795	62	2	10	.30	8.0
6222719	6253197	5	2005	53197	3197	0	21	312676	6054581	13J12	.45	.55	5	62	5	13	1174	12	2	14	.02	4.6
6222721	6253198	5	2005	53198	3198	0	21	314786	6056099	13J12	.13	1.24	10	47	5	14	2426	16	2	40	.02	5.5
6222722	6253199	5	2005	53199	3199	1	21	313635	6057521	13J12	1.15	.11	1	39	5	11	609	2	2	3	.30	6.9
6222723	6253200	5	2005	53200	3200	2	21	313535	6057484	13J12	1.33	1.56	11	29	5	13	2100	17	2	47	.02	7.6
6222724	6253201	5	2005	53201	3201	0	21	314785	6058726	13J12	.64	.59	5	19	5	9	1256	9	2	19	.30	4.4
6222725	6253202	5	2005	53202	3202	0	21	314117	6059843	13J12	.19	.27	4	100	5	19	1969	12	2	10	.20	6.7
6222726	6253203	5	2005	53203	3203	0	21	316363	6060814	13J12	.57	.70	5	76	5	13	994	11	2	16	.02	6.0
6222727	6253204	5	2005	53204	3204	0	21	315129	6062422	13J12	.11	.11	1	43	5	13	583	7	2	1	.02	3.3
6222728	6253205	5	2005	53205	3205	0	21	316160	6063730	13J12	.08	.08	1	36	5	17	634	6	2	1	.10	3.2
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6222786	6253209	5	2005	53209	3209	0	21	320141	6067659	13J12	.08	.09	3	99	5	29	3216	15	2	5	.02	5.8
6222787	6253210	5	2005	53210	3210	0	21	322389	6068734	13J12	.08	.08	2	46	5	12	995	12	2	1	.02	3.4
6222788	6253211	5	2005	53211	3211	0	21	323618	6069081	13J12	.08	.09	2	54	5	15	1335	6	2	3	.02	4.0
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6222791	6253213	5	2005	53213	3213	0	21	328089	6072308	13J13	.15	.17	4	180	5	22	1659	16	2	5	.02	5.9
6222792	6253214	5	2005	53214	3214	0	21	329529	6072919	13J13	.09	.07	3	189	5	13	2468	14	2	1	.02	3.6
6222793	6253215	5	2005	53215	3215	0	21	327058	6075343	13J13	.08	.07	4	261	5	12	1609	12	2	4	.02	3.3
6222794	6253216	5	2005	53216	3216	0	21	328850	6077242	13J13	.12	.13	2	117	5	14	484	7	2	4	.02	2.3
6222795	6253217	5	2005	53217	3217	0	21	328580	6079823	13J13	.15	.16	3	62	5	5	1061	5	2	5	.02	1.9
6222796	6253218	5	2005	53218	3218	0	21	329064	6083475	13J13	1.17	1.46	13	42	5	16	1480	18	2	55	.02	6.1
6222797	6253219	5	2005	53219	3219	0	21	331022	6086943	13J13	.25	.30	5	44	5	9	1610	8	2	8	.02	2.9
6222799	6253221	5	2005	53221	3221	0	21	331931	6086890	13J13	.16	.17	4	90	5	9	1855	8	2	6	.30	3.4
6222801	6253222	5	2005	53222	3222	0	21	333300	6087840	13J13	.93	1.04	9	35	5	9	594	15	84	34	.02	3.9
6222802	6253223	5	2005	53223	3223	0	21	333761	6088460	13J13	1.26	1.31	11	26	5	12	679	17	44	40	.02	6.3
6222803	6253224	5	2005	53224	3224	0	21	334100	6091383	13J13	1.10	1.38	12	61	5	23	1796	25	2	47	.20	6.8
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6222806	6253227	5	2005	53227	3227	0	21	328607	6089250	13J13	1.04	1.14	5	2	5	7	514	12	2	25	.02	3.8
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6222812	6253232	5	2005	53232	3232	0	21	319062	6061266	13J12	.28	.39	3	49	5	15	651	8	2	4	.02	4.4
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6222816	6253236	5	2005	53236	3236	0	21	313112	6052926	13J12	.31	.43	3	38	5	76	671	13	2	5	.02	4.3
6222817	6253237	5	2005	53237	3237	0	21	313951	6052004	13J12	.09	.06	2	27	5	9	462	9	2	1	.02	2.0
6222818	6253238	5	2005	53238	3238	0	21	310631	6048470	13J12	.17	.25	2	16	5	10	897	13	2	6	.02	3.1
6222819	6253239	5	2005	53239	3239	1	21	306970	6047395	13J12	.67	.82	6	54	5	25	1521	9	2	26	.02	7.5
6222821	6253240	5	2005	53240	3240	2	21	306970	6047395	13J12	.98	1.14	8	60	5	27	1095	12	2	39	.40	8.5
6222822	6253241	5	2005	53241	3241	0	21	306085	6046562	13J12	1.39	1.33	8	27	5	22	1187	16	2	66	.02	7.6
6222823	6253242	5	2005	53242	3242	0	21	313068	6043393	13J12	.45	.54	4	55	5	14	1139	9	2	14	.02	4.6
6222824	6253243	5	2005	53243	3243	0	21	314248	6044301	13J12	1.83	2.05	10	22	5	12	798	19	2	58	.02	8.3
6222825	6253244	5	2005	53244	3244	0	21	319544	6044202	13J12	.54	.64	4	2	5	7	498	9	2	14	.02	3.5
6222826	6253245	5	2005	53245	3245	0	21	320676	6043584	13J12	.92	.93	6	24	5	14	516	13	2	25	.02	5.3
6222827	6253246	5	2005	53246	3246	0	21	323588	6043083	13J12	1.00	1.23	10	99	5	24	2469	15	2	32	.02	9.7
6222828	6253247	5	2005	53247	3247	0	21	328145	6044589	13J12	.71	.69	6	46	5	9	594	9	2	17	.02	4.4
6222829	6253248	5	2005	53248	3248	0	21	328871	6044906	13J12	.22	.20	2	170	5	12	217	5	2	4	.02	4.7
6222831	6253249	5	2005	53249	3249	0	21	330766	6042946	13J12	.29	.32	3	21	5	5	251	6	2	4	.02	2.2
6222832	6253250	5	2005	53250	3250	0	21	334018	6043425	13J12	2.00	2.16	14	29	5	11	1037	18	82	60	.02	8.7
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6222835	6253253	5	2005	53253	3253	0	21	333618	6047047	13J12	.94	.99	7	31	5	16	578	13	2	44	.02	5.5
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6222837	6253255	5	2005	53255	3255	0	21	333253	6044940	13J12	1.00	.81	12	26	5	11	692	13	2	24	.02	7.1
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6222841	6253258	5	2005	53258	3258	0	21	331525	6047611	13J12	.26	.25	2	39	5	8	721	4	2	6	.02	3.3
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6222899	6253261	5	2005	53261	3261	0	21	325268	6047482	13J12	.72	1.12	7	35	5	23	937	11	2	48	.02	5.5
6222901	6253262	5	2005	53262	3262	0	21	319625	6048631	13J12	.09	.10	2	42	5	13	610	9	2	1	.02	3.1
6222902	6253263	5	2005	53263	3263	0	21	316538	6049161	13J12	.06	.07	2	40	5	11	725	6	2	1	.02	2.0
6222903	6253264	5	2005	53264	3264	0	21	319303	6050110	13J12	.26	.41	2	2	5	7	390	4	2	9	.02	2.5
6222904	6253265	5	2005	53265	3265	0	21	321490	6051689	13J12	.26	.38	5	102	5	20	1964	10	2	9	.02	5.5
6222905	6253266	5	2005	53266	3266	0	21	320479	6053355	13J12	.35	.52	4	221	5	32	1387	15	2	16	.02	5.6
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6222912	6253272	5	2005	53272	3272	0	21	323504	6062837	13J12	.13	.14	2	2	5	15	546	13	2	5	.02	2.4
6222913	6253273	5	2005	53273	3273	0	21	323195	6064697	13J12	.06	.06	1	2	5	20	575	3	2	2	.20	2.0
6222914	6253274	5	2005	53274	3274	0	21	323522	6066207	13J12	.05	.05	1	26	5	20	433	3	2	3	.02	2.2
6222915	6253275	5	2005	53275	3275	0	21	327108	6068198	13J12	.09	.07	1	56	5	18	506	4	2	7	.02	2.3
6222916	6253276	5	2005	53276	3276	0	21	328590	6069323	13J12	.07	.08	4	150	5	23	2295	9	2	6	.50	4.7

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6222927	6253286	5	2005	53286	3286	0	21	324461	6052619	13J12	.08	.11	2	34	5	38	1285	11	2	6	.02	3.5
6222928	6253287	5	2005	53287	3287	0	21	325463	6053337	13J12	.15	.22	5	66	5	29	3008	6	2	8	.02	4.8
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6222931	6253289	5	2005	53289	3289	0	21	326838	6050728	13J12	.20	.25	2	42	5	14	882	9	2	11	.02	2.8
6222932	6253290	5	2005	53290	3290	0	21	327376	6051835	13J12	.06	.05	1	20	5	5	348	2	2	1	.02	1.3
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6222949	6253306	5	2005	53306	3306	0	21	333330	6057353	13J12	.44	.58	7	89	5	20	1237	9	2	14	.02	5.6
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6222955	6253311	5	2005	53311	3311	0	21	332240	6059509	13J12	.36	.47	4	150	5	13	1331	16	2	11	.02	4.1
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6222959	6253315	5	2005	53315	3315	0	21	332536	6061362	13J12	.60	.73	5	26	5	15	1200	10	2	25	.02	5.5
6222961	6253316	5	2005	53316	3316	0	21	335967	6060914	13J12	.43	.58	5	130	5	13	1092	12	2	11	.02	5.6
6222962	6253317	5	2005	53317	3317	0	21	338750	6061140	13J12	1.77	2.50	10	44	5	25	1330	21	2	29	.60	11.0
6222963	6253318	5	2005	53318	3318	0	21	335988	6063912	13J12	1.50	1.95	9	40	5	56	864	14	2	38	.02	8.3
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6222965	6253320	5	2005	53320	3320	2	21	334847	6064536	13J12	.54	.85	6	52	5	41	1402	11	2	18	.02	5.0
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6222967	6253322	5	2005	53322	3322	0	21	332360	6064049	13J12	.34	.47	3	65	5	15	836	10	2	8	.02	4.6
6222968	6253323	5	2005	53323	3323	0	21	330922	6064061	13J12	.19	.25	3	42	5	16	1157	7	2	8	.02	2.7
6222969	6253324	5	2005	53324	3324	0	21	330093	6064787	13J12	.90	1.36	7	42	5	33	1018	17	2	24	.50	5.7
6222971	6253325	5	2005	53325	3325	0	21	335787	6066988	13J12	.62	.95	7	52	5	21	1725	13	2	28	.30	4.6
6222972	6253326	5	2005	53326	3326	0	21	333747	6068797	13J12	.35	.50	3	40	5	12	969	13	2	12	.02	3.1
6222973	6253327	5	2005	53327	3327	0	21	331315	6069899	13J12	.07	.09	1	40	5	34	560	6	2	6	.30	3.1
6222974	6253328	5	2005	53328	3328	0	21	332661	6070806	13J13	.08	.05	1	30	5	15	562	4	2	1	.02	2.1
6222975	6253329	5	2005	53329	3329	0	21	331548	6071685	13J13	.10	.08	2	54	5	28	1623	6	2	5	.02	3.1
6222976	6253330	5	2005	53330	3330	0	21	328773	6098724	13O04	1.34	1.93	9	35	5	29	1933	17	2	58	.40	7.2
6222977	6253331	5	2005	53331	3331	0	21	330568	6098318	13O04	.97	1.23	7	41	180	23	2086	12	2	36	.30	6.4
6222978	6253332	5	2005	53332	3332	0	21	330873	6099831	13O04	.97	1.06	5	37	5	16	724	10	2	25	.02	5.4
6222979	6253333	5	2005	53333	3333	0	21	332302	6101089	13O04	1.19	1.37	8	23	5	24	1489	11	2	49	.02	6.8
6222981	6253334	5	2005	53334	3334	0	21	333704	6101639	13O04	1.60	1.87	10	28	5	34	1344	16	86	70	.50	9.1
6222982	6253335	5	2005	53335	3335	0	21	333165	6105097	13O04	.67	.74	7	56	5	23	3376	17	2	28	.02	6.1
6222983	6253336	5	2005	53336	3336	0	21	335390	6106611	13O04	1.56	1.91	10	30	5	30	1922	15	2	60	.02	8.9
6222984	6253337	5	2005	53337	3337	0	21	337447	6108780	13O04	1.98	2.42	8	12	5	17	718	14	2	53	.02	7.6
6222985	6253338	5	2005	53338	3338	0	21	339330	6110230	13O04	1.47	1.68	8	27	5	20	1152	21	2	48	.30	7.0
6222988	6253341	5	2005	53341	3341	0	21	339418	6115027	13O04	2.14	2.39	8	13	5	18	702	11	63	51	.02	7.7
6222989	6253342	5	2005	53342	3342	0	21	338857	6116293	13O04	1.43	1.47	8	44	5	27	1088	12	2	36	.02	7.3
6222991	6253343	2	2005	53343	3343	0	21	339732	6118226	13O04	2.16	1.72	6	14	5	17	705	9	54	34	.02	7.1
6222992	6253344	5	2005	53344	3344	0	21	337364	6115912	13O04	1.59	2.42	7	21	5	17	686	13	67	46	.02	6.6
6222993	6253345	5	2005	53345	3345	0	21	337194	6114000	13O04	2.31	2.66	8	16	5	17	559	13	42	51	.02	8.6
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6222997	6253349	5	2005	53349	3349	0	21	333371	6111817	13O04	1.63	1.40	6	15	5	16	427	11	2	30	.02	7.7
6222998	6253350	5	2005	53350	3350	0	21	335832	6109573	13O04	1.81	2.15	8	12	5	24	1019	13	64	60	.02	8.6
6222999	6253351	5	2005	53351	3351	0	21	335214	6107906	13O04	1.74	1.93	8	11	5	22	797	12	2	49	.30	7.7
6223001	6253352	5	2005	53352	3352	0	21	333707	6106305	13O04	1.34	1.47	6	21	5	22	690	10	67	32	.02	6.3
6223002	6253353	5	2005	53353	3353	0	21	332837	6106767	13O04	1.59	1.87	7	13	5	21	517	10	2	40	.02	6.8
6223003	6253354	5	2005	53354	3354	0	21	332016	6105799	13O04	.90	1.13	6	28	5	27	1331	12	2	39	.02	6.0
6223004	6253355	5	2005	53355	3355	0	21	331631	6103707	13O04	1.64	2.01	8	29	5	24	1205	12	73	46	.02	8.2
6223005	6253356	5	2005	53356	3356	0	21	330997	6102399	13O04	1.79	2.28	10	26	5	30	1840	15	74	63	.20	9.5
6223006	6253357	5	2005	53357	3357	0	21	324833	6099081	13O04	.79	1.00	5	21	5	22	577	9	2	33	.02	4.9
6223007	6253358	5	2005	53358	3358	0	21	325972	6100833	13O04	2.01	2.59	9	19	5	38	876	15	2	66	.40	11.4
6223008	6253359	5	2005	53359	3359	0	21	328024	6102944	13O04	.54	.70	5	43	5	19	2129	8	2	23	.02	4.9
6223009	6253360	5	2005	53360	3360	0	21	329147	6103944	13O04	.86	1.20	7	56	5	32	2152	14	55	38	.02	6.7
6223011	6253361	5	2005	53361	3361	0	21	330077	6106016	13O04	1.30	1.75	5	19	5	22	911	8	2	32	.20	6.3
6223012	6253362	5	2005	53362	3362	0	21	330078	6106016	13O04	1.25	1.76	5	20	5	21	867	8	2	33	.02	6.1
6223013	6253363	5	2005	53363	3363	0	21	328256	6105703	13O04	.75	1.09	6	34	5	29	1909	12	2	27	.02	5.7
6223014	6253364	5	2005	53364	3364	0	21	327559	6103489	13O04	1.19	1.74	6	18	5	29	738	10	2	37	.02	6.5
6223015	6253365	5	2005	53365	3365	0	21	325847	6103770	13O04	.40	.55	2	20	5	37	820	7	2	11	.02	3.3
6223039	6253366	5	2005	53366	3366	0	21	323244	6103690	13O04	.99	1.58	7	75	5	91	3415	13	45	30	.02	8.3
6223041	6253367	5	2005	53367	3367	0	21	322548	6102053	13O04	.54	.75	5	83	5	59	2127	8	2	18	.02	5.8
6223042	6253368	5	2005	53368	3368	0	21	323422	6099770	13O04	.33	.48	3	45	5	17	1069	8	2	17	.02	3.2
6223043	6253369	5	2005	53369	3369	0	21	316210	6097728	13J13	1.22	1.63	7	37	5	24	705	11	2	35	.02	5.3
6223044	6253370	5	2005	53370	3370	0	21	317427	6097261	13J13	.50	.68	4	35	5	20	607	7	2	20	.02	3.4
6223045	6253371	5	2005	53371	3371	0	21	319421	6097458	13J13	.71	.90	5	24	5	24	950	10	53	41	.02	5.0
6223046	6253372	5	2005	53372	3372	0	21	323463	6097376	13J13	.28	.46	4	72	5	20	1952	14	2	11	.02	3.8
6223047	6253373	5	2005	53373	3373	0	21	322866	6093242	13J13	.05	.06	1	18	5	8	499	5	2	5	.02	1.6
6223048	6253374	5	2005	53374	3374	0	21	322416	6091223	13J13	.39	.57	3	33	5	18	921	5	2	15	.02	3.9
6223049	6253375	5	2005	53375	3375	0	21	318713	6091713	13J13	.12	.18	3	165	5	18	799	8	2	7	.02	3.6
6223051	6253376	5	2005	53376	3376	0	21	316230	6091955	13J13	.17	.24	2	47	5	19	787	4	2	9	.02	2.4
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6223053	6253378	5	2005	53378	3378	0	21	319771	6099023	13O04	.54	.67	3	19	5	17	388	6	2	17	.02	3.0
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6223056	6253381	5	2005	53381	3381	0	21	319162	6100849	13O04	.23	.28	2	12	5	9	440	4	2	7	.20	1.9
6223057	6253382	5	2005	53382	3382	0	21	317992	6101423	13O04	.18	.26	5	49	5	16	2083	8	2	9	.02	3.2
6223058	6253383	5	2005	53383	3383	0	21	317260	6102191	13O04	.15	.21	5	64	5	18	1446	10	2	11	.02	3.5
6223059	6253384	5	2005	53384	3384	0	21	318456	6103845	13O04	.25	.34	5	50	5	22	2243	12	35	11	.02	3.8
6223061	6253385	5	2005	53385	3385	0	21	319925	6105210	13O04	.17	.22	3	66	5	13	1656	6	2	6	.02	2.7
6223062	6253386	5	2005	53386	3386	0	21	321927	6104593	13O04	.26	.37	3	98	5	23	1074	10	2	16	.02	3.6
6223063	6253387	5	2005	53387	3387	0	21	321457	6106429	13O04	.10	.12	3	71	5	17	1126	5	2	7	.02	2.9
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6223067	6253391	5	2005	53391	3391	0	21	325017	6107665	13O04	.69	.88	6	37	5	17	781	18	36	26	.02	3.8
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6223076	6253399	5	2005	53399	3399	1	21	326682	6113689	13O04	.41	.52	6	63	5	22	1319	18	2	16	.02	2.9
6223077	6253400	5	2005	53400	3400	2	21	326682	6113689	13O04	.45	.54	6	27	5	24	1420	19	2	17	.02	3.1
6223078	6253401	5	2005	53401	3401	0	21	324251	6113003	13O04	.31	.35	5	27	5	6	916	20	2	11	.02	2.7
6223079	6253402	5	2005	53402	3402	0	21	325074	6111058	13O04	.46	.57	9	30	5	10	1420	26	32	21	.30	3.1
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6223082	6253404	5	2005	53404	3404	0	21	318738	6107628	13O04	.42	.51	4	37	5	16	1881	7	2	13	.02	3.5
6223083	6253405	5	2005	53405	3405	0	21	316827	6106136	13O04	1.90	2.62	10	2	5	32	970	16	56	82	.02	7.1
6223084	6253406	5	2005	53406	3406	0	21	317270	6104763	13O04	.16	.20	3	23	5	18	1459	6	2	6	.02	2.7
6223085	6253407	5	2005	53407	3407	0	21	315468	6103642	13O04	.57	.66	5	26	5	24	2113	10	50	24	.02	4.1
6223086	6253408	5	2005	53408	3408	0	21	316490	6100236	13O04	.19	.22	2	21	5	11	1434	5	2	9	.02	2.8
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6223088	6253410	5	2005	53410	3410	0	21	314277	6101050	13O04	.18	.23	2	2	5	11	1069	4	2	9	.10	2.0
6223089	6253411	5	2005	53411	3411	0	21	312761	6099032	13O04	.63	.86	7	53	5	24	2317	12	2	22	.02	5.1
6223091	6253412	5	2005	53412	3412	0	21	312307	6102657	13O04	.66	.78	6	22	5	20	1685	11	37	30	.02	4.4
6223092	6253413	5	2005	53413	3413	0	21	313882	6104580	13O04	.70	.71	5	48	5	20	1555	11	2	19	.02	5.5
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6223094	6253415	5	2005	53415	3415	0	21	316221	6108119	13O04	1.87	2.13	8	13	5	17	868	16	47	40	.20	5.1
6223095	6253416	5	2005	53416	3416	0	21	318483	6110428	13O04	.35	.43	2	2	5	8	1433	6	2	10	.02	2.3

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6223098	6253419	5	2005	53419	3419	1	21	314439	6112346	13O04	1.46	1.55	6	2	5	20	2122	13	64	43	.02	6.5
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6223102	6253422	5	2005	53422	3422	0	21	312240	6108625	13O04	.21	.26	4	36	5	12	2162	8	2	9	.02	3.4
6223103	6253423	5	2005	53423	3423	0	21	313858	6108500	13O04	.19	.22	6	44	5	14	2828	13	2	10	.02	4.4
6223104	6253424	5	2005	53424	3424	0	21	313742	6106304	13O04	2.23	2.65	7	15	5	14	823	14	2	46	.02	5.4
6223105	6253425	5	2005	53425	3425	0	21	311860	6104584	13O04	.50	.56	5	44	5	14	1688	13	2	16	.02	3.7
6223106	6253426	5	2005	53426	3426	0	20	669969	6100398	13N01	1.11	1.21	5	15	5	25	556	8	2	22	.02	5.9
6223107	6253427	5	2005	53427	3427	0	20	670870	6101300	13N01	.98	1.10	6	11	5	33	1758	10	66	40	.30	7.5
6223108	6253428	5	2005	53428	3428	0	20	668994	6101537	13N01	1.13	1.29	7	24	5	42	1453	11	72	44	.02	7.9
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6223112	6253431	5	2005	53431	3431	0	20	672121	6105720	13N01	.91	1.03	5	19	5	31	925	7	38	37	.02	6.1
6223113	6253432	5	2005	53432	3432	0	20	673512	6106966	13N01	1.41	1.56	6	2	5	23	759	8	54	35	.02	6.3
6223114	6253433	5	2005	53433	3433	0	20	674010	6108526	13N01	.20	.22	3	22	5	16	1399	5	2	10	.02	3.6
6223115	6253434	5	2005	53434	3434	0	20	675610	6109364	13N01	1.27	1.50	7	19	5	41	3748	11	2	51	.02	9.2
6223116	6253435	5	2005	53435	3435	0	20	676300	6109942	13N01	1.53	1.87	7	12	5	33	999	10	56	52	.02	8.6
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6223119	6253438	5	2005	53438	3438	0	20	680548	6114850	13N01	1.11	1.33	7	2	5	33	1212	11	36	49	.02	7.9
6223121	6253439	5	2005	53439	3439	1	20	681845	6116200	13N01	1.23	1.36	5	16	5	26	1289	7	2	32	.02	6.7
6223122	6253440	5	2005	53440	3440	2	20	681845	6116206	13N01	1.04	1.13	5	2	5	26	1050	7	38	30	.02	6.3
6223123	6253441	5	2005	53441	3441	0	20	681916	6117635	13N01	1.77	2.09	7	15	5	29	979	11	2	43	.02	8.4
6223124	6253442	5	2005	53442	3442	0	20	681107	6118569	13N01	1.35	1.66	8	16	5	33	1585	12	48	43	.02	8.0
6223125	6253443	5	2005	53443	3443	0	20	681226	6120100	13N01	1.51	1.70	6	22	5	28	1498	10	2	40	.02	8.2
6223126	6253444	5	2005	53444	3444	0	20	682896	6120584	13N01	1.60	1.80	7	9	5	27	702	10	52	41	.02	7.6
6223127	6253445	5	2005	53445	3445	0	20	683965	6120866	13N01	1.43	1.68	6	12	5	29	1303	10	2	44	.30	7.3
6223128	6253446	5	2005	53446	3446	0	20	684022	6121811	13N01	1.12	1.31	6	2	5	22	2075	9	2	32	.02	6.3
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6223131	6253448	5	2005	53448	3448	0	20	684798	6123570	13N01	1.68	2.01	8	22	5	43	1220	12	42	64	.02	9.8
6223132	6253449	5	2005	53449	3449	0	20	683857	6124412	13N01	1.90	2.30	9	22	5	40	918	12	35	65	.30	10.0
6223133	6253450	5	2005	53450	3450	0	20	678110	6125208	13N01	1.80	2.20	7	11	5	35	1240	11	56	53	.02	8.8
6223134	6253451	5	2005	53451	3451	0	20	677149	6124815	13N01	1.95	2.39	8	9	5	30	652	11	50	50	.02	8.7
6223135	6253452	5	2005	53452	3452	0	20	677895	6121899	13N01	1.25	1.40	7	26	5	31	2285	11	41	43	.02	7.8
6223136	6253453	5	2005	53453	3453	0	20	677852	6120815	13N01	1.51	1.85	5	17	5	30	724	9	50	40	.02	7.0
6223137	6253454	5	2005	53454	3454	0	20	677225	6120280	13N01	1.03	1.22	7	37	5	33	4437	12	2	31	.02	7.6
6223138	6253455	5	2005	53455	3455	0	20	677715	6116724	13N01	1.59	1.86	7	17	5	25	906	9	49	45	.02	7.9
6223139	6253456	5	2005	53456	3456	0	20	679008	6115939	13N01	.64	.75	5	27	5	27	2721	9	2	29	.02	6.1
6223141	6253457	5	2005	53457	3457	0	20	677000	6114100	13N01	.86	1.02	6	20	5	34	1525	10	34	32	.02	6.7
6223142	6253458	5	2005	53458	3458	0	20	675543	6112510	13N01	1.13	1.31	7	9	5	35	1141	10	48	42	.02	7.2
6223143	6253459	5	2005	53459	3459	1	20	673769	6110240	13N01	.71	.76	4	26	5	27	1322	6	43	23	.02	4.9
6223144	6253460	5	2005	53460	3460	2	20	673769	6110240	13N01	.62	.74	4	20	5	26	1553	10	2	21	.02	5.1
6223145	6253461	5	2005	53461	3461	0	20	672121	6108087	13N01	.65	.54	3	2	5	19	710	7	2	21	.30	4.5
6223146	6253462	5	2005	53462	3462	0	20	670480	6104824	13N01	1.91	2.09	7	17	5	30	1155	14	37	46	.02	9.3
6223147	6253463	5	2005	53463	3463	0	20	667061	6098782	13N01	.70	.64	5	28	5	31	1762	11	24	18	.02	6.7
6223148	6253464	5	2005	53464	3464	0	20	666983	6097341	13K16	1.01	.97	5	11	5	22	681	9	28	18	.02	6.2
6223149	6253465	5	2005	53465	3465	0	20	672162	6092773	13K16	.95	.91	6	19	5	28	1648	13	50	39	.02	7.2
6223151	6253466	5	2005	53466	3466	0	20	675093	6091404	13K16	.21	.26	4	31	5	17	1373	8	2	10	.02	3.9
6223152	6253467	5	2005	53467	3467	0	20	676276	6091164	13K16	.10	.11	2	39	5	23	1284	7	2	6	.02	5.5
6223153	6253468	5	2005	53468	3468	0	20	678945	6090055	13K16	.19	.22	2	27	5	11	1714	7	2	8	.02	3.6
6223154	6253469	5	2005	53469	3469	0	20	682347	6088580	13K16	.22	.25	2	25	5	12	1138	6	2	6	.02	3.0
6223155	6253470	5	2005	53470	3470	0	20	686381	6088116	13K16	.14	.15	2	38	5	19	688	6	2	5	.02	3.1
6223156	6253471	5	2005	53471	3471	0	20	688868	6089040	13K16	.28	.35	6	81	5	24	2882	17	2	12	.40	5.4
6223157	6253472	5	2005	53472	3472	0	20	690065	6089294	13K16	.35	.38	3	2	5	6	536	8	2	9	.30	2.2
6223158	6253473	5	2005	53473	3473	0	21	308388	6091165	13J13	.24	.30	3	34	5	10	1071	8	2	12	.02	2.8
6223159	6253474	5	2005	53474	3474	0	20	664587	6098593	13N01	.30	.31	5	62	5	73	3644	13	2	6	.02	8.1
6223161	6253475	5	2005	53475	3475	0	20	666040	6101514	13N01	1.11	1.17	6	23	5	45	917	12	43	40	.30	6.9
6223162	6253476	5	2005	53476	3476	0	20	666940	6104438	13N01	1.51	1.69	7	16	5	34	844	14	2	43	.02	7.8
6223163	6253477	5	2005	53477	3477	0	20	668707	6109395	13N01	.95	.93	4	18	5	14	468	8	2	25	.02	4.4
6223164	6253478	5	2005	53478	3478	0	20	671531	6110777	13N01	1.16	1.27	7	31	5	32	3970	15	2	46	.02	7.8
6223165	6253479	5	2005	53479	3479	0	20	672511	6114154	13N01	.88	.88	7	39	5	32	1746	13	2	34	.02	7.2
6223167	6253481	5	2005	53481	3481	0	20	674647	6116096	13N01	.57	.69	4	31	5	21	2087	10	2	18	.02	5.4
6223168	6253482	5	2005	53482	3482	0	20	674392	6117209	13N01	.62	.55	5	26	5	29	3123	12	2	24	.02	5.8
6223169	6253483	5	2005	53483	3483	0	20	672304	6116872	13N01	.86	.91	6	24	5	31	2222	14	2	30	.02	7.0
6223171	6253484	5	2005	53484	3484	0	20	672917	6119530	13N01	2.01	2.18	10	24	5	40	785	20	2	65	.02	11.0
6223172	6253485	5	2005	53485	3485	0	20	673563	6121609	13N01	1.89	2.10	9	30	5	30	1421	17	70	52	.02	9.3
6223173	6253486	5	2005	53486	3486	0	20	671760	6121662	13N01	.43	.55	4	21	5	18	2350	10	2	11	.02	4.6

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	na1	na2	nb2	nd1	ni1	ni2	p2	pb2	rb1	rb2	sb1	sc1
6223174	6253487	5	2005	53487	3487	0	20	670606	6119471	13N01	.89	.85	5	2	5	25	1226	11	77	27	.02	6.1
6223175	6253488	5	2005	53488	3488	0	20	670288	6117839	13N01	1.95	2.20	8	15	5	38	498	15	2	42	.30	9.3
6223176	6253489	5	2005	53489	3489	0	20	670238	6116543	13N01	1.30	1.26	6	10	5	35	966	12	2	36	.02	7.2
6223177	6253490	5	2005	53490	3490	0	20	671354	6115377	13N01	.48	.63	5	23	5	24	1937	11	2	17	.02	5.5
6223178	6253491	5	2005	53491	3491	0	20	669232	6115232	13N01	1.25	1.41	7	14	5	37	944	13	2	38	.02	7.6
6223179	6253492	5	2005	53492	3492	0	20	669111	6112108	13N01	1.82	2.16	7	14	5	28	1027	14	40	36	.02	7.5
6223181	6253493	5	2005	53493	3493	0	20	668679	6111304	13N01	.44	.57	4	18	5	18	1952	8	2	15	.02	4.3
6223182	6253494	5	2005	53494	3494	0	20	666965	6109479	13N01	1.18	1.28	6	15	5	25	579	12	2	32	.02	6.0
6223183	6253495	5	2005	53495	3495	0	20	666986	6110555	13N01	.38	.50	4	19	5	19	1620	7	2	14	.02	3.7
6223184	6253496	5	2005	53496	3496	0	20	667043	6112859	13N01	.19	.23	1	22	5	17	710	4	2	4	.02	2.9
6223185	6253497	5	2005	53497	3497	0	20	665210	6112011	13N01	.78	.75	4	11	5	16	1361	7	2	19	.02	4.2
6223186	6253498	5	2005	53498	3498	0	20	663160	6112261	13N01	.25	.28	2	2	5	9	431	3	2	7	.02	2.5
6223187	6253499	5	2005	53499	3499	1	20	662508	6110119	13N01	.87	.83	4	31	5	22	761	8	2	16	.02	5.6
6223188	6253500	5	2005	53500	3500	2	20	662508	6110119	13N01	.27	.34	3	2	5	17	1445	7	2	7	.02	4.2
6223189	6253501	5	2005	53501	3501	0	20	664585	6110250	13N01	1.61	1.68	8	38	5	33	1432	17	83	49	.20	9.7
6223191	6253502	5	2005	53502	3502	0	20	664447	6107848	13N01	.93	.93	4	14	5	18	1074	9	2	26	.20	5.0
6223192	6253503	5	2005	53503	3503	0	20	660064	6106296	13N01	1.34	1.39	6	7	5	51	694	12	43	35	.02	6.8
6223193	6253504	5	2005	53504	3504	0	20	663691	6104181	13N01	.48	.60	4	23	5	25	1671	8	2	19	.02	4.7
6223194	6253505	5	2005	53505	3505	0	20	661230	6102146	13N01	1.05	1.09	8	23	5	37	1149	14	2	49	.02	8.3
6223195	6253506	5	2005	53506	3506	0	20	664980	6102884	13N01	1.31	1.38	8	21	5	42	1658	14	2	50	.02	8.4
6223196	6253507	5	2005	53507	3507	0	20	663978	6101482	13N01	1.48	1.50	8	18	5	47	2315	16	68	52	.02	9.8
6223197	6253508	5	2005	53508	3508	0	20	663085	6098207	13N01	1.61	1.77	6	14	5	33	605	11	2	27	.02	8.2
6223198	6253509	5	2005	53509	3509	0	20	660732	6099853	13N01	1.55	1.70	10	17	5	44	1210	18	74	71	.02	11.6
6223199	6253510	5	2005	53510	3510	0	20	660163	6097678	13N01	.37	.46	4	22	5	28	1635	9	2	12	.02	4.1
6223201	6253511	5	2005	53511	3511	0	20	661081	6096641	13K16	.43	.53	6	58	5	46	2857	13	2	13	.02	6.3
6223202	6253512	5	2005	53512	3512	0	20	663243	6096686	13K16	.17	.23	3	33	5	29	2385	7	2	10	.02	4.2
6223203	6253513	5	2005	53513	3513	0	20	660546	6093275	13K16	.31	.44	4	28	5	64	2412	8	2	13	.02	4.4
6223204	6253514	5	2005	53514	3514	0	20	662942	6094282	13K16	.28	.39	3	22	5	20	2320	7	2	9	.02	4.4
6223205	6253515	5	2005	53515	3515	0	20	660909	6091155	13K16	.14	.18	2	19	5	29	477	4	2	9	.02	2.7
6223206	6253516	5	2005	53516	3516	0	20	661082	6084805	13K16	1.15	1.29	9	17	5	41	547	15	57	66	.02	9.2
6223207	6253517	5	2005	53517	3517	0	20	665703	6081997	13K16	.34	.40	2	23	5	16	440	6	2	5	.10	3.9
6223208	6253518	5	2005	53518	3518	0	20	668177	6081994	13K16	.19	.22	2	23	5	16	894	5	2	6	.02	3.2
6223209	6253519	5	2005	53519	3519	1	20	672965	6081499	13K16	.17	.19	4	56	5	25	2851	12	43	10	.02	6.2
6223211	6253520	5	2005	53520	3520	2	20	672965	6081499	13K16	.54	.68	6	71	5	31	2589	14	43	23	.30	8.1
6223212	6253521	5	2005	53521	3521	0	20	676271	6080194	13K16	.30	.38	3	33	5	18	2641	10	2	11	.02	4.3
6223213	6253522	5	2005	53522	3522	0	20	689627	6076037	13K16	.75	.78	5	38	5	42	997	13	38	18	.60	8.2
6223214	6253523	5	2005	53523	3523	0	20	690313	6075665	13K16	.16	.18	1	11	5	22	457	3	2	3	.02	2.7
6223215	6253524	5	2005	53524	3524	0	20	691214	6075618	13K16	.45	.55	3	16	5	26	649	6	2	17	.02	4.2
6223216	6253525	5	2005	53525	3525	0	20	692303	6074026	13K16	.19	.24	3	49	5	22	1429	7	2	9	.02	3.8
6223217	6253526	5	2005	53526	3526	0	20	690742	6073132	13K16	.27	.34	3	21	5	20	1779	7	2	11	.02	4.4
6223218	6253527	5	2005	53527	3527	0	20	689487	6072248	13K16	.16	.19	3	31	5	25	1593	7	2	7	.02	4.2
6223219	6253528	5	2005	53528	3528	0	20	687897	6072593	13K16	.07	.06	1	28	5	20	645	5	2	1	1.20	2.5
6223221	6253529	5	2005	53529	3529	0	20	685835	6072774	13K16	.08	.08	1	26	5	21	348	3	2	4	.02	1.8
6223222	6253530	5	2005	53530	3530	0	20	682268	6072640	13K16	.13	.16	4	44	5	17	2115	9	2	5	.02	4.3
6223223	6253531	5	2005	53531	3531	0	20	681522	6070985	13K16	.07	.06	2	34	5	18	848	16	2	1	.02	3.1
6223224	6253532	5	2005	53532	3532	0	20	678452	6071721	13K16	.16	.22	4	52	5	21	2338	11	2	8	.02	4.8
6223225	6253533	5	2005	53533	3533	0	20	677343	6070815	13K16	.37	.46	3	27	5	13	975	10	2	11	.30	3.3
6223226	6253534	5	2005	53534	3534	0	20	674588	6070793	13K16	1.21	1.29	10	28	5	52	902	21	96	71	.20	11.0
6223227	6253535	5	2005	53535	3535	0	20	672142	6071069	13K16	.10	.12	1	22	5	20	609	4	2	8	.02	2.7
6223228	6253536	5	2005	53536	3536	0	20	669700	6070390	13K16	.51	.68	5	36	5	31	2105	10	2	21	.02	5.8
6223229	6253537	5	2005	53537	3537	0	20	667234	6071066	13K16	.19	.21	2	26	5	19	1342	6	2	12	.02	4.6
6223231	6253538	5	2005	53538	3538	0	20	664760	6070426	13K16	.29	.35	2	18	5	21	834	6	2	12	.02	3.7
6223232	6253539	5	2005	53539	3539	1	20	665597	6072740	13K16	.44	.57	3	14	5	18	943	6	2	13	.02	4.5
6223233	6253540	5	2005	53540	3540	2	20	665597	6072740	13K16	.39	.49	3	11	5	18	938	6	2	8	.02	4.2
6223234	6253541	5	2005	53541	3541	0	20	666488	6074069	13K16	.14	.16	3	43	5	29	2133	9	2	13	.20	4.4
6223235	6253542	5	2005	53542	3542	0	20	669288	6073143	13K16	.10	.10	2	19	5	15	1122	6	2	5	.02	2.9
6223236	6253543	5	2005	53543	3543	0	20	671770	6072395	13K16	.13	.17	2	30	5	21	1816	7	2	8	.02	4.2
6223237	6253544	5	2005	53544	3544	0	20	673839	6073235	13K16	.43	.55	3	19	5	19	1067	9	49	15	.02	4.1
6223238	6253545	5	2005	53545	3545	0	20	676090	6073505	13K16	.10	.12	3	38	5	12	2664	8	2	5	.02	2.5
6223239	6253546	5	2005	53546	3546	0	20	678710	6073735	13K16	1.48	1.79	11	50	5	26	1257	18	2	51	.02	8.9
6223241	6253547	5	2005	53547	3547	0	20	680734	6073720	13K16	.18	.20	4	59	5	16	2101	9	2	9	.02	3.9
6223242	6253548	5	2005	53548	3548	0	20	682997	6074074	13K16	.28	.35	5	47	5	42	1943	10	2	9	.02	5.9
6223243	6253549	5	2005	53549	3549	0	20	684372	6075029	13K16	.13	.15	3	53	5	39	2065	7	2	7	.02	4.2
6223244	6253550	5	2005	53550	3550	0	20	686372	6074534	13K16	.09	.12	1	32	5	30	249	2	2	4	.02	2.6
6223245	6253551	5	2005	53551	3551	0	20	687211	6076253	13K16	.16	.22	1	43	5	24	733	16	2	6	.02	4.3
6223246	6253552	5	2005	53552	3552	0	20	685463	6076123	13K16	.82	.80	4	58	5	42	1361	13	2	17	.02	8.7
6223247	6253553	5	2005	53553	3553	0	20	683552	6076044	13K16	.21	.30	5	68	5	26	2107	10	2	9	.02	5.1
6223248	6253554	5	2005	53554	3554	0	20	681050	6076019	13K16	.28	.40	4	60	5	16	588	9	2	5	.20	3.5
6223249	6253555	5	2005	53555	3555	0	20	678743	6075565	13K16	.28	.39	3	17	5	14	851	8	2	9	.02	2.1

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	na1	na2	nb2	nd1	ni1	ni2	p2	pb2	rb1	rb2	sb1	sc1
6223251	6253556	5	2005	53556	3556	0	20	674420	6075896	13K16	.42	.56	4	18	5	19	882	8	2	15	.02	4.1
6223252	6253557	5	2005	53557	3557	0	20	671632	6075822	13K16	.12	.13	2	20	5	14	811	6	2	8	.02	2.7
6223253	6253558	5	2005	53558	3558	0	20	669738	6074972	13K16	.25	.34	5	31	5	18	2562	9	2	24	.02	4.1
6223254	6253559	5	2005	53559	3559	1	20	671500	6076895	13K16	.49	.57	4	15	5	13	730	7	2	17	.02	4.4
6223255	6253560	5	2005	53560	3560	2	20	671500	6076895	13K16	.48	.54	3	15	5	12	651	6	2	17	.02	4.2
6223256	6253561	5	2005	53561	3561	0	20	677215	6076765	13K16	.22	.18	6	90	5	16	3360	12	2	7	.02	6.6
6223257	6253562	5	2005	53562	3562	0	20	680500	6078700	13K16	.20	.23	3	39	5	15	1031	7	2	7	.02	3.2
6223258	6253563	5	2005	53563	3563	0	20	682820	6079850	13K16	.09	.07	2	28	5	9	1084	6	2	3	.02	2.3
6223259	6253564	5	2005	53564	3564	0	20	685480	6078472	13K16	.14	.15	3	45	5	13	1597	72	2	8	.30	3.7
6223261	6253565	5	2005	53565	3565	0	20	688334	6079160	13K16	.08	.08	1	86	5	19	642	7	2	5	.20	5.1
6223262	6253566	5	2005	53566	3566	0	20	689130	6080090	13K16	.09	.07	1	32	5	15	602	4	2	2	.02	2.9
6223263	6253567	5	2005	53567	3567	0	20	689685	6065065	13K09	.08	.07	2	117	5	16	1052	13	2	4	.30	3.9
6223264	6253568	5	2005	53568	3568	0	20	686190	6062127	13K09	.28	.32	5	135	5	18	3010	16	2	10	.02	6.3
6223265	6253569	5	2005	53569	3569	0	20	673750	6055691	13K09	.54	.62	7	82	5	22	3442	18	2	25	.10	7.8
6223266	6253570	5	2005	53570	3570	0	20	676151	6066709	13K09	1.93	1.98	11	29	5	39	874	19	85	88	.30	12.0
6223267	6253571	5	2005	53571	3571	0	20	690259	6078853	13K16	.15	.15	2	55	5	53	1297	19	2	5	.20	6.1
6223268	6253572	5	2005	53572	3572	0	20	691262	6078748	13K16	.22	.25	3	53	5	41	1707	9	2	10	.30	7.2
6223269	6253573	5	2005	53573	3573	0	20	691492	6080377	13K16	.16	.17	2	60	5	23	1214	9	2	7	.30	5.6
6223271	6253574	5	2005	53574	3574	0	20	691547	6084458	13K16	.17	.20	4	75	5	19	1281	8	2	7	.02	4.8
6223272	6253575	5	2005	53575	3575	0	20	690224	6085490	13K16	.65	.68	5	61	5	15	1236	35	2	11	.02	5.7
6223273	6253576	5	2005	53576	3576	0	20	688210	6083227	13K16	.16	.16	1	44	5	7	410	4	2	6	.02	1.9
6223274	6253577	5	2005	53577	3577	0	20	686754	6082313	13K16	.10	.10	3	58	5	12	2771	9	2	3	.02	3.0
6223275	6253578	5	2005	53578	3578	0	20	686790	6080592	13K16	.40	.42	3	50	5	7	480	6	2	9	.02	3.2
6223276	6253579	5	2005	53579	3579	1	20	684036	6080613	13K16	.13	.16	3	38	5	11	1528	8	2	8	.02	2.6
6223277	6253580	5	2005	53580	3580	2	20	684036	6080613	13K16	.14	.16	2	32	5	11	1452	7	2	4	.02	2.4
6223278	6253581	5	2005	53581	3581	0	20	681642	6080880	13K16	.19	.25	6	56	5	19	2894	15	2	9	.02	5.3
6223279	6253582	5	2005	53582	3582	0	20	680017	6080247	13K16	.12	.14	2	44	5	17	2106	7	2	10	.02	3.5
6223281	6253583	5	2005	53583	3583	0	20	678748	6079788	13K16	.14	.16	2	21	5	13	706	5	2	5	.02	2.3
6223282	6253584	5	2005	53584	3584	0	20	678580	6079023	13K16	.14	.17	2	18	5	11	835	5	2	4	.02	2.2
6223283	6253585	5	2005	53585	3585	0	20	676274	6078379	13K16	.11	.14	2	31	5	11	1446	5	2	7	.02	2.7
6223284	6253586	5	2005	53586	3586	0	20	673818	6079219	13K16	.84	.82	7	83	5	41	2506	16	2	43	.30	8.6
6223285	6253587	5	2005	53587	3587	0	20	672625	6080672	13K16	.50	.67	5	82	5	32	2112	13	2	22	.30	7.1
6223286	6253588	2	2005	53588	3588	0	20	670837	6080120	13K16	.21	.29	3	18	5	21	2389	9	2	14	.02	4.4
6223287	6253589	5	2005	53589	3589	0	20	668739	6080201	13K16	.48	.59	3	10	5	15	688	7	2	15	.02	4.4
6223288	6253590	5	2005	53590	3590	0	20	669154	6077771	13K16	.33	.44	3	23	5	22	2452	9	19	15	.02	5.0
6223289	6253591	5	2005	53591	3591	0	20	666723	6077526	13K16	.92	1.01	8	55	5	42	2267	17	25	35	.02	9.9
6223291	6253592	5	2005	53592	3592	0	20	665916	6075836	13K16	.24	.34	5	57	5	44	2894	13	2	15	.30	6.8
6223292	6253593	5	2005	53593	3593	0	20	664644	6076193	13K16	.10	.12	2	52	5	19	1562	4	2	5	.02	3.7
6223293	6253594	5	2005	53594	3594	0	20	663789	6077215	13K16	.49	.65	4	27	5	25	897	16	2	16	.02	5.5
6223294	6253595	5	2005	53595	3595	0	20	666280	6078714	13K16	.21	.25	2	33	5	22	836	6	2	11	.02	3.8
6223295	6253596	5	2005	53596	3596	0	20	666475	6079825	13K16	.38	.46	3	18	5	19	2051	7	2	13	.20	5.4
6223296	6253597	5	2005	53597	3597	0	20	670393	6083356	13K16	.35	.48	4	67	5	32	2512	13	2	17	.30	7.8
6223297	6253598	5	2005	53598	3598	0	20	670281	6084201	13K16	.12	.15	2	38	5	22	978	6	2	6	.02	4.0
6223298	6253599	5	2005	53599	3599	1	20	669073	6085698	13K16	.24	.34	4	35	5	19	2655	11	2	11	.02	5.5
6223299	6253600	5	2005	53600	3600	2	20	669073	6085698	13K16	.34	.46	4	33	5	19	2744	11	2	12	.02	5.7
6223301	6253601	5	2005	53601	3601	0	20	669530	6087227	13K16	.13	.17	6	62	5	32	3282	16	2	7	.02	6.8
6223302	6253602	5	2005	53602	3602	0	20	668726	6088159	13K16	1.03	1.28	8	28	5	41	1795	15	52	59	.02	8.9
6223303	6253603	5	2005	53603	3603	0	20	669839	6088720	13K16	.48	.59	3	23	5	22	526	5	2	15	.02	4.4
6223304	6253604	5	2005	53604	3604	0	20	665968	6088758	13K16	.79	.99	6	18	5	27	1137	10	59	40	.02	5.7
6223305	6253605	5	2005	53605	3605	0	20	663115	6089646	13K16	.41	.55	4	14	5	30	748	8	23	29	.02	4.9
6223306	6253606	5	2005	53606	3606	0	20	666219	6095120	13K16	.31	.41	3	24	5	18	2193	5	33	9	.02	4.1
6223307	6253607	5	2005	53607	3607	0	20	670007	6105230	13N01	1.15	1.41	7	22	5	36	1060	11	54	48	.30	8.3
6223308	6253608	5	2005	53608	3608	0	20	666863	6091212	13K16	.25	.32	5	48	5	20	2748	11	2	13	.02	5.4
6223309	6253609	5	2005	53609	3609	0	20	668769	6091587	13K16	.21	.29	4	41	5	18	1213	9	2	13	.02	3.9
6223311	6253610	5	2005	53610	3610	0	20	671263	6090723	13K16	1.10	1.42	7	25	5	38	709	12	35	52	.02	8.3
6223312	6253611	5	2005	53611	3611	0	20	672370	6090552	13K16	.67	.94	7	50	5	28	3252	14	23	24	.02	9.0
6223313	6253612	5	2005	53612	3612	0	20	673088	6091217	13K16	.36	.42	3	2	5	14	511	6	2	10	.02	3.4
6223314	6253613	5	2005	53613	3613	0	20	674511	6093283	13K16	.29	.34	4	65	5	34	3005	9	27	12	.02	5.8
6223315	6253614	5	2005	53614	3614	0	20	673050	6095326	13K16	1.38	1.74	8	19	5	34	730	14	2	51	.02	8.6
6223316	6253615	5	2005	53615	3615	0	20	673682	6095943	13K16	2.00	2.62	7	13	5	26	597	14	39	50	.20	8.6
6223317	6253616	5	2005	53616	3616	0	20	691147	6094316	13K16	.22	.27	2	30	5	9	1296	10	2	9	.20	2.6
6223318	6253617	5	2005	53617	3617	0	20	690175	6091489	13K16	.20	.23	5	78	5	18	2199	12	2	10	.30	5.6
6223319	6253618	5	2005	53618	3618	0	20	689844	6090764	13K16	.24	.30	7	85	5	20	3530	17	2	16	.30	5.5
6223321	6253619	5	2005	53619	3619	1	20	688948	6086485	13K16	.27	.31	3	31	5	11	1974	13	2	8	.02	3.2
6223322	6253620	5	2005	53620	3620	2	20	688948	6086485	13K16	.39	.43	3	28	5	10	1325	13	2	13	.02	3.3
6223323	6253621	5	2005	53621	3621	0	20	685865	6085148	13K16	1.89	2.62	9	24	5	34	687	12	37	51	.02	9.9
6223324	6253622	5	2005	53622	3622	0	20	684787	6086207	13K16	.20	.27	4	52	5	18	3082	8	2	9	.02	4.6
6223325	6253623	5	2005	53623	3623	0	20	683012	6083020	13K16	.46	.57	4	40	5	25	1006	7	2	14	.30	4.4
6223326	6253624	5	2005	53624	3624	0	20	684241	6082383	13K16	.13	.11	4	71	5	15	1240	8	2	5	.02	3.5

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	na1	na2	nb2	nd1	ni1	ni2	p2	pb2	rb1	rb2	sb1	sc1
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6223328	6253626	5	2005	53626	3626	0	20	680602	6083155	13K16	1.31	1.79	9	50	5	39	1180	14	2	51	.02	9.9
6223329	6253627	5	2005	53627	3627	0	20	677670	6083164	13K16	.56	.83	6	83	5	33	2700	13	2	30	.02	7.5
6223331	6253628	5	2005	53628	3628	0	20	675221	6085044	13K16	.90	1.30	8	71	5	44	1128	14	2	41	.02	8.8
6223332	6253629	5	2005	53629	3629	0	20	672650	6084525	13K16	.50	.64	4	22	5	22	736	9	2	16	.02	4.4
6223333	6253630	5	2005	53630	3630	0	20	672205	6082712	13K16	.76	1.01	5	18	5	23	748	15	2	24	.02	5.8
6223334	6253631	5	2005	53631	3631	0	20	676075	6083242	13K16	.09	.09	4	72	5	30	1521	8	2	6	.02	4.5
6223335	6253632	5	2005	53632	3632	0	20	677146	6085957	13K16	.12	.12	3	52	5	19	1736	6	2	7	.02	3.8
6223336	6253633	5	2005	53633	3633	0	20	679333	6085454	13K16	.20	.28	3	37	5	19	2812	9	2	13	.02	4.1
6223337	6253634	5	2005	53634	3634	0	20	681817	6086107	13K16	.19	.22	2	25	5	15	1818	4	2	8	.02	3.1
6223338	6253635	5	2005	53635	3635	0	20	678709	6088060	13K16	.16	.18	2	59	5	27	1690	6	2	13	.40	4.6
6223339	6253636	5	2005	53636	3636	0	20	677305	6086946	13K16	.12	.13	3	60	5	18	2430	6	2	9	.02	4.2
6223341	6253637	5	2005	53637	3637	0	20	675129	6087249	13K16	.62	.75	5	30	5	24	990	16	2	21	.02	5.6
6223342	6253638	5	2005	53638	3638	0	20	672341	6088269	13K16	.17	.20	4	41	5	29	3539	8	2	11	.02	6.7
6223343	6253639	5	2005	53639	3639	1	20	673936	6089776	13K16	.14	.17	3	30	5	17	1265	7	2	7	.02	4.6
6223344	6253640	5	2005	53640	3640	2	20	673936	6089776	13K16	.09	.10	3	42	5	20	1147	7	2	7	.02	5.2
6223345	6253641	5	2005	53641	3641	0	20	679188	6091172	13K16	1.45	1.88	8	54	5	48	1540	15	93	60	.02	12.0
6223346	6253642	5	2005	53642	3642	0	20	680715	6091153	13K16	.22	.28	3	57	5	20	1585	6	2	12	.02	4.1
6223347	6253643	5	2005	53643	3643	0	20	683938	6089811	13K16	.35	.46	4	30	5	14	1609	9	2	12	.02	4.0
6223348	6253644	5	2005	53644	3644	0	20	683682	6088838	13K16	.14	.16	3	60	5	17	2054	8	2	9	.20	4.4
6223349	6253645	5	2005	53645	3645	0	20	686120	6089523	13K16	.15	.22	3	28	5	14	1861	6	2	6	.02	2.9
6223351	6253646	5	2005	53646	3646	0	20	688655	6091006	13K16	.10	.12	3	37	5	15	2229	7	2	6	.02	3.1
6223352	6253647	5	2005	53647	3647	0	21	309917	6093270	13J13	.23	.26	3	63	5	9	1214	7	2	10	.02	3.9
6223353	6253648	5	2005	53648	3648	0	20	688597	6091975	13K16	1.05	1.27	7	160	5	34	1281	15	2	31	.02	9.7
6223354	6253649	5	2005	53649	3649	0	20	686920	6091642	13K16	.22	.16	3	55	5	22	2754	9	2	10	.02	6.1
6223355	6253650	5	2005	53650	3650	0	20	683631	6092328	13K16	.23	.26	4	57	5	13	2412	8	2	8	.02	3.7
6223356	6253651	5	2005	53651	3651	0	20	681364	6092731	13K16	.31	.39	3	36	5	24	1034	7	2	13	.02	4.4
6223357	6253652	5	2005	53652	3652	0	20	679639	6094064	13K16	.75	1.02	7	78	5	30	2685	13	2	27	.02	8.8
6223358	6253653	5	2005	53653	3653	0	20	675493	6097299	13K16	.30	.37	5	41	5	18	2537	10	2	11	.30	5.2
6223359	6253654	5	2005	53654	3654	0	20	679481	6096713	13K16	.19	.27	7	73	5	29	3661	14	2	11	.02	6.4
6223361	6253655	5	2005	53655	3655	0	20	682000	6096573	13K16	.33	.42	4	42	5	24	1948	8	55	21	.02	4.8
6223362	6253656	5	2005	53656	3656	0	20	683104	6096425	13K16	.18	.23	4	84	5	22	1982	9	2	12	.02	5.2
6223363	6253657	5	2005	53657	3657	0	20	682857	6095049	13K16	.21	.26	4	31	5	19	1923	8	2	14	.02	4.1
6223364	6253658	5	2005	53658	3658	0	20	684826	6094535	13K16	.29	.30	2	28	5	14	786	5	2	8	.02	3.2
6223365	6253659	5	2005	53659	3659	0	20	686076	6095366	13K16	.64	.67	6	207	5	75	3378	18	2	64	.02	14.4
6223366	6253660	5	2005	53660	3660	0	20	687931	6093932	13K16	.60	.67	4	32	5	18	1335	11	2	18	.02	4.4
6223367	6253661	5	2005	53661	3661	1	20	688473	6095909	13K16	.33	.38	3	35	5	22	905	5	2	18	.02	4.0
6223368	6253662	5	2005	53662	3662	2	20	688473	6095909	13K16	.33	.38	3	28	5	20	807	5	2	15	.02	3.7
6223369	6253663	5	2005	53663	3663	0	20	686032	6097094	13K16	.33	.38	3	27	5	10	1466	6	2	12	.02	4.0
6223371	6253664	5	2005	53664	3664	0	20	690518	6097443	13K16	.47	.58	5	80	5	15	2405	11	2	18	.02	5.7
6223372	6253665	5	2005	53665	3665	0	21	310311	6099251	13O04	1.42	1.81	8	70	5	28	1405	15	2	52	.40	9.0
6223373	6253666	5	2005	53666	3666	0	21	308280	6099386	13O04	.41	.44	3	86	5	14	1177	8	2	13	.02	5.0
6223374	6253667	5	2005	53667	3667	0	21	309649	6105736	13O04	.18	.17	5	73	5	24	1716	9	2	9	.02	5.2
6223375	6253668	5	2005	53668	3668	0	21	309205	6104297	13O04	.17	.17	2	22	5	15	428	4	2	10	.02	2.6
6223376	6253669	5	2005	53669	3669	0	21	309150	6097264	13J13	.15	.14	2	32	5	14	1107	6	2	8	.02	2.9
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6223379	6253672	5	2005	53672	3672	0	21	311478	6095866	13J13	1.30	1.80	9	68	5	28	2182	16	55	60	.02	7.8
6223381	6253673	5	2005	53673	3673	0	21	313104	6097668	13J13	.45	.77	4	68	5	15	926	11	2	20	.02	4.7
6223382	6253674	5	2005	53674	3674	0	21	312172	6095057	13J13	.90	1.19	8	57	5	23	1936	13	36	41	.02	6.2
6223383	6253675	5	2005	53675	3675	0	21	313746	6094222	13J13	.58	.85	6	65	5	25	2243	11	2	36	.02	5.9
6223384	6253676	5	2005	53676	3676	0	21	310948	6092360	13J13	2.19	2.86	11	18	5	9	671	15	2	42	.02	5.9
6223385	6253677	5	2005	53677	3677	0	21	312737	6091039	13J13	1.24	1.37	5	22	5	18	552	11	2	32	.02	5.8
6223386	6253678	5	2005	53678	3678	0	21	309010	6089229	13J13	.64	.54	5	29	5	19	853	8	2	22	.20	3.4
6223387	6253679	5	2005	53679	3679	1	21	310876	6089055	13J13	2.07	2.59	10	42	5	33	1007	16	55	62	.02	10.0
6223388	6253680	5	2005	53680	3680	2	21	310876	6089055	13J13	1.73	2.28	10	54	5	27	1449	16	29	53	.02	9.7
6223389	6253681	5	2005	53681	3681	0	21	313242	6089033	13J13	.74	.83	4	27	5	17	1472	7	2	17	.02	5.7
6223392	6253683	5	2005	53683	3683	0	21	313493	6087510	13J13	.36	.44	4	69	5	18	853	6	2	10	.30	4.6
6223393	6253684	5	2005	53684	3684	0	21	310440	6087333	13J13	.82	1.22	7	73	5	37	2346	12	31	25	.02	7.4
6223394	6253685	5	2005	53685	3685	0	21	309643	6086901	13J13	.10	.11	2	24	5	17	736	3	2	7	.02	2.2
6223395	6253686	5	2005	53686	3686	0	21	311550	6085887	13J13	.13	.16	4	120	5	28	1712	8	2	8	.02	5.8
6223396	6253687	5	2005	53687	3687	0	21	310027	6084968	13J13	.64	.86	6	49	5	48	1404	9	2	19	.02	7.3
6223397	6253688	5	2005	53688	3688	0	21	309685	6083787	13J13	.24	.30	3	60	5	22	646	5	2	12	.02	4.1
6223398	6253689	5	2005	53689	3689	0	21	307750	6082322	13J13	.88	1.06	7	18	5	34	828	9	2	17	.02	8.9
6223399	6253690	5	2005	53690	3690	0	21	311323	6084091	13J13	.54	.65	3	64	5	21	955	12	2	13	.02	5.8
6223401	6253691	5	2005	53691	3691	0	21	314391	6085513	13J13	.68	1.06	7	84	5	40	2557	12	2	39	.02	7.1
6223402	6253692	5	2005	53692	3692	0	21	317184	6087274	13J13	.07	.05	1	23	5	12	639	3	2	5	.02	2.1
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6223404	6253694	5	2005	53694	3694	0	21	317673	6093084	13J13	.41	.47	3	49	5	33	621	5	2	9	.02	5.2

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	na1	na2	nb2	nd1	ni1	ni2	p2	pb2	rb1	rb2	sb1	sc1
6223405	6253695	5	2005	53695	3695	0	21	319780	6094069	13J13	1.00	1.19	4	21	5	22	503	8	2	15	.02	7.3
6223406	6253696	5	2005	53696	3696	0	21	315106	6084105	13J13	.46	.55	3	15	5	27	678	4	35	20	.02	4.4
6223407	6253697	5	2005	53697	3697	0	21	326710	6096336	13J13	1.76	2.27	11	31	5	42	984	17	61	83	.20	11.0
6223408	6253698	5	2005	53698	3698	0	21	329503	6097556	13J13	.66	.76	5	42	5	19	1769	10	2	28	.02	5.5
6223409	6253699	5	2005	53699	3699	1	21	335250	6094598	13J13	2.00	2.22	11	23	5	17	633	17	54	59	.30	9.4
6223411	6253700	5	2005	53700	3700	2	21	335250	6094598	13J13	1.99	2.34	10	23	5	17	641	17	53	58	.40	8.9
6223412	6253701	5	2005	53701	3701	0	21	336960	6095210	13J13	2.33	2.75	10	13	5	8	252	15	70	57	.02	6.0
6223413	6253702	5	2005	53702	3702	0	21	339508	6095236	13J13	.58	.59	4	32	5	9	437	7	2	17	.02	3.8
6223414	6253703	5	2005	53703	3703	0	21	337931	6093364	13J13	.26	.30	9	100	5	21	1963	16	2	11	.02	5.6
6223415	6253704	5	2005	53704	3704	0	21	338267	6091938	13J13	2.32	2.87	15	69	5	16	928	19	70	62	.30	8.9
6223416	6253705	5	2005	53705	3705	0	21	336898	6089332	13J13	.96	1.24	10	78	5	13	1302	15	39	27	.02	6.0
6223417	6253706	5	2005	53706	3706	0	21	331804	6088391	13J13	.46	.49	5	17	5	10	631	10	2	17	.02	3.9
6223418	6253707	5	2005	53707	3707	0	21	331728	6083544	13J13	1.42	1.71	11	38	5	11	651	16	46	35	.02	6.4
6223419	6253708	5	2005	53708	3708	0	21	333737	6082809	13J13	.73	.94	8	65	5	15	802	13	36	28	.02	5.2
6223421	6253709	5	2005	53709	3709	0	21	331117	6080264	13J13	1.96	2.92	22	44	5	25	1059	22	67	100	.20	9.2
6223422	6253710	5	2005	53710	3710	0	21	334924	6080589	13J13	.50	.71	7	280	5	17	2221	24	2	23	.02	6.5
6223423	6253711	5	2005	53711	3711	0	21	338880	6079165	13J13	.61	.84	6	53	5	9	985	9	2	23	.02	4.3
6223424	6253712	5	2005	53712	3712	0	21	338450	6077243	13J13	.10	.11	5	150	5	9	2090	9	2	8	.02	5.3
6223425	6253713	5	2005	53713	3713	0	21	335666	6078494	13J13	.66	.96	7	71	5	13	1145	12	2	28	.02	4.6
6223426	6253714	2	2005	23714	3714	0	21	332983	6079022	13J13	1.27	1.74	13	74	5	16	1124	18	88	49	.02	7.1
6223427	6223715	2	2005	23715	3715	0	21	344766	6068493	13J11	.24	.30	3	28	5	10	1033	6	2	10	.02	2.9
6223428	6223716	2	2005	23716	3716	0	21	347397	6068499	13J11	.13	.14	4	71	5	15	3567	16	2	8	.02	3.8
6223429	6223717	2	2005	23717	3717	0	21	350602	6068870	13J11	.16	.13	1	32	5	13	314	3	2	6	.02	1.5
6223431	6223718	2	2005	23718	3718	0	21	353518	6068921	13J11	1.75	2.63	10	23	5	20	696	18	2	51	.02	7.6
6223432	6223719	2	2005	23719	3719	1	21	354084	6067203	13J11	.14	.17	2	2	5	7	791	3	2	7	.02	2.0
6223433	6223720	2	2005	23720	3720	2	21	354084	6067203	13J11	.14	.17	2	35	5	7	809	3	2	7	.02	2.2
6223434	6223721	2	2005	23721	3721	0	21	359431	6068141	13J11	.27	.41	7	90	5	13	3464	12	2	14	.02	4.7
6223435	6223722	2	2005	23722	3722	0	21	360588	6067714	13J11	.67	.92	6	42	5	14	1318	9	2	19	.02	5.5
6223436	6223723	2	2005	23723	3723	0	21	362205	6068667	13J11	.28	.40	6	90	5	15	3747	13	2	13	.02	4.9
6223437	6223724	2	2005	23724	3724	0	21	363116	6068700	13J11	1.79	2.61	11	30	5	13	898	17	2	52	.02	7.5
6223438	6223725	2	2005	23725	3725	0	21	365879	6068215	13J11	.58	.84	5	84	5	23	1278	8	2	18	.02	4.7
6223439	6223726	2	2005	23726	3726	0	21	370080	6066569	13J11	.75	1.25	9	71	5	17	2408	11	2	24	.02	6.2
6223441	6223727	2	2005	23727	3727	0	21	368698	6065492	13J11	.28	.34	3	63	5	10	1300	4	2	4	.02	2.7
6223442	6223728	2	2005	23728	3728	0	21	367509	6064839	13J11	.23	.26	3	30	5	10	668	9	2	7	.02	2.7
6223443	6223729	2	2005	23729	3729	0	21	363211	6066267	13J11	.31	.42	7	55	5	27	2348	11	2	9	.02	5.2
6223444	6223730	2	2005	23730	3730	0	21	361265	6065300	13J11	.25	.29	3	51	5	70	1878	5	2	9	.10	3.8
6223445	6223731	2	2005	23731	3731	0	21	359885	6064421	13J11	.19	.23	5	75	5	16	3806	8	2	6	.30	4.3
6223446	6223732	2	2005	23732	3732	0	21	357097	6063202	13J11	.20	.23	4	67	5	19	2021	7	2	4	.02	4.2
6223447	6223733	2	2005	23733	3733	0	21	356560	6064560	13J11	1.67	2.06	9	29	5	11	738	16	2	44	.02	7.2
6223448	6223734	2	2005	23734	3734	0	21	354600	6064054	13J11	.45	.58	5	89	5	13	1810	13	2	11	.02	4.6
6223449	6223735	2	2005	23735	3735	0	21	348080	6064695	13J11	.26	.29	3	79	5	10	788	9	2	4	.02	3.4
6223451	6223736	2	2005	23736	3736	0	21	347456	6066500	13J11	.15	.14	3	77	5	13	1640	9	2	4	.02	2.9
6223452	6223737	2	2005	23737	3737	0	21	345798	6067108	13J11	.46	.62	5	93	5	19	2857	14	2	17	.50	5.9
6223453	6223738	2	2005	23738	3738	0	21	342790	6066426	13J11	2.50	3.19	12	56	5	18	1352	20	77	63	.40	9.5
6223454	6223739	2	2005	23739	3739	0	21	339910	6067577	13J11	1.49	1.79	9	100	5	22	2376	23	2	47	.30	9.0
6223455	6223740	2	2005	23740	3740	1	21	340329	6064920	13J11	1.92	2.40	10	29	5	17	1111	19	43	48	.02	8.8
6223456	6223741	2	2005	23741	3741	2	21	340329	6064920	13J11	2.00	2.57	10	18	5	16	777	18	73	49	.30	8.9
6223457	6223742	2	2005	23742	3742	0	21	339610	6061367	13J11	.86	1.15	6	82	5	18	1744	10	2	13	.02	6.5
6223458	6223743	2	2005	23743	3743	0	21	345491	6064098	13J11	.47	.55	5	70	5	17	1104	9	2	12	.02	4.7
6223459	6223744	2	2005	23744	3744	0	21	344077	6061230	13J11	.98	1.52	11	82	5	27	2350	17	2	26	.02	8.0
6223461	6223745	2	2005	23745	3745	0	21	344980	6060133	13J11	1.20	1.35	7	27	5	13	725	14	2	24	.02	6.0
6223462	6223746	2	2005	23746	3746	0	21	346018	6059102	13J11	.39	.45	4	33	5	15	951	4	2	8	.02	4.1
6223463	6223747	2	2005	23747	3747	0	21	355580	6058725	13J11	1.21	1.47	10	55	5	17	1594	26	69	22	.02	10.0
6223464	6223748	2	2005	23748	3748	0	21	356240	6061170	13J11	2.58	3.08	13	22	5	15	1098	18	64	70	.30	10.5
6223465	6223749	2	2005	23749	3749	0	21	359300	6060152	13J11	1.13	1.24	7	126	5	15	1993	12	89	25	.02	8.1
6223466	6223750	2	2005	23750	3750	0	21	362031	6063183	13J11	.15	.13	1	23	5	16	501	2	2	1	.02	1.9
6223467	6223751	2	2005	23751	3751	0	21	365548	6063298	13J11	.26	.29	3	41	5	6	731	4	2	5	.02	3.8
6223468	6223752	2	2005	23752	3752	0	21	369470	6068058	13J11	1.06	1.19	8	46	5	22	1240	10	2	22	.02	7.6
6223469	6223753	2	2005	23753	3753	0	21	370234	6063405	13J11	1.34	1.39	6	27	5	6	463	10	53	30	.02	4.7
6223471	6223754	2	2005	23754	3754	0	21	369639	6064296	13J11	.47	.60	4	51	5	9	1234	6	2	10	.02	4.0
6223472	6223755	2	2005	23755	3755	0	21	368764	6062455	13J11	2.09	2.49	12	23	5	13	844	17	80	54	.30	8.5
6223473	6223756	2	2005	23756	3756	0	21	367429	6060304	13J11	1.21	1.12	8	47	5	14	733	11	49	21	.02	7.1
6223474	6223757	2	2005	23757	3757	0	21	369300	6058250	13J11	2.10	2.45	11	20	5	18	684	16	66	43	.02	11.6
6223475	6223758	2	2005	23758	3758	0	21	370416	6056598	13J11	2.05	2.46	10	32	5	9	805	16	74	56	.02	7.2
6223476	6223759	2	2005	23759	3759	1	21	367347	6057560	13J11	.27	.30	2	69	5	11	995	5	2	3	.02	3.2
6223477	6223760	2	2005	23760	3760	2	21	367347	6057560	13J11	.20	.23	2	100	5	15	1624	6	2	5	.02	3.3
6223478	6223761	2	2005	23761	3761	0	21	365795	6054669	13J11	.51	.61	4	32	5	9	839	6	2	13	.02	4.1
6223479	6223762	2	2005	23762	3762	0	21	364568	6056214	13J11	1.40	1.55	10	39	5	14	1336	13	42	35	.02	6.8
6223481	6223763	2	2005	23763	3763	0	21	361969	6058200	13J11	.15	.17	1	25	5	7	424	3	2	1	.02	1.8

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	na1	na2	nb2	nd1	ni1	ni2	p2	pb2	rb1	rb2	sb1	sc1
6223482	6223764	2	2005	23764	3764	0	21	361018	6055867	13J11	.91	1.02	8	53	5	13	987	11	2	19	.02	5.8
6223483	6223765	2	2005	23765	3765	0	21	358938	6058061	13J11	.19	.23	4	96	5	11	3050	7	2	3	.02	4.7
6223484	6223766	2	2005	23766	3766	0	21	356822	6057792	13J11	.26	.31	3	2	5	5	718	5	2	4	.40	2.8
6223485	6223767	2	2005	23767	3767	0	21	357279	6055560	13J11	2.32	3.03	12	20	5	10	887	18	40	67	.02	8.0
6223486	6223768	2	2005	23768	3768	0	21	354556	6055699	13J11	.39	.47	4	32	5	7	637	6	2	5	.02	2.7
6223487	6223769	2	2005	23769	3769	0	21	349843	6056355	13J11	.60	.71	7	53	5	14	1156	20	2	12	.02	5.0
6223488	6223770	2	2005	23770	3770	0	21	349471	6055314	13J11	.19	.23	2	37	5	9	962	3	2	1	.02	2.4
6223489	6223771	2	2005	23771	3771	0	21	346740	6055521	13J11	.13	.13	2	126	5	10	826	5	2	1	.02	3.2
6223491	6223772	2	2005	23772	3772	0	21	344733	6055628	13J11	.27	.35	5	137	5	16	1576	8	2	5	.50	4.2
6223492	6223773	2	2005	23773	3773	0	21	343012	6056552	13J11	.27	.35	4	72	5	19	1352	6	2	3	.02	4.3
6223493	6223774	2	2005	23774	3774	0	21	339575	6059178	13J11	.26	.32	5	80	5	18	1645	8	2	7	.02	5.4
6223494	6223775	2	2005	23775	3775	0	21	338996	6057692	13J11	.26	.36	6	116	5	32	1587	10	2	3	.02	4.9
6223495	6223776	2	2005	23776	3776	0	21	339732	6053808	13J11	1.00	.96	7	55	5	17	1280	8	2	22	.02	6.8
6223496	6223777	2	2005	23777	3777	0	21	339854	6052855	13J11	.22	.27	2	32	5	12	691	7	2	1	.02	2.5
6223497	6223778	2	2005	23778	3778	0	21	343312	6053111	13J11	.15	.24	6	98	5	17	4060	5	2	7	.02	4.6
6223498	6223779	2	2005	23779	3779	0	21	345625	6053577	13J11	.11	.16	3	45	5	8	721	7	2	1	.02	1.8
6223499	6253780	5	2005	53780	3780	0	21	333658	6077777	13J13	.15	.21	3	105	5	10	1420	10	2	4	.02	2.6
6223501	6253781	5	2005	53781	3781	0	21	332065	6077595	13J13	.11	.18	6	273	5	15	3377	24	2	7	.02	4.6
6223502	6253782	5	2005	53782	3782	0	21	332654	6076584	13J13	.07	.11	5	280	5	15	3520	23	2	3	.02	4.2
6223503	6253783	5	2005	53783	3783	0	21	335886	6075591	13J13	.84	.90	11	68	5	13	1323	15	2	26	.30	6.2
6223504	6253784	5	2005	53784	3784	0	21	333802	6075414	13J13	.10	.14	3	462	5	27	1599	25	2	1	.02	4.6
6223505	6253785	5	2005	53785	3785	1	21	330347	6075471	13J13	.20	.31	7	98	5	10	1544	13	2	6	.02	3.0
6223506	6253786	5	2005	53786	3786	2	21	330347	6075471	13J13	.32	.45	8	217	5	17	1711	16	2	12	.30	4.7
6223507	6253787	5	2005	53787	3787	0	21	331911	6073307	13J13	.10	.14	4	84	5	11	1597	13	2	1	.02	3.0
6223508	6253788	5	2005	53788	3788	0	21	333692	6072912	13J13	.07	.07	1	56	5	17	843	4	2	1	.20	2.0
6223509	6253789	5	2005	53789	3789	0	21	335107	6072954	13J13	.54	.54	8	176	5	20	3102	27	2	18	.02	5.5
6223511	6253790	5	2005	53790	3790	0	21	334512	6072218	13J13	.13	.16	3	128	5	12	1846	13	2	1	.40	3.2
6223512	6253791	5	2005	53791	3791	0	21	337785	6071141	13J13	1.86	2.17	10	46	5	19	882	20	41	52	.20	7.4
6223513	6253792	5	2005	53792	3792	0	21	337957	6073119	13J13	.28	.37	4	160	5	12	3400	15	2	7	.02	4.8
6223514	6253793	5	2005	53793	3793	0	21	325171	6083036	13J13	.32	.44	4	64	5	10	1382	7	2	10	.02	4.0
6223515	6253794	5	2005	53794	3794	0	21	326582	6083950	13J13	1.42	1.64	11	104	5	18	1326	15	44	64	.20	7.7
6223516	6253795	5	2005	53795	3795	0	21	325044	6084265	13J13	1.82	2.10	6	42	5	24	1431	14	2	26	1.30	9.6
6223517	6253796	5	2005	53796	3796	0	21	347865	6055514	13J11	.33	.46	8	208	5	15	2914	11	2	7	.20	5.7
6223518	6253797	5	2005	53797	3797	0	21	343609	6050759	13J11	.31	.42	3	32	5	9	746	6	2	8	.02	2.5
6223519	6253798	5	2005	53798	3798	0	21	346054	6051331	13J11	.16	.20	2	25	5	8	1391	4	2	1	.02	2.2
6223521	6253799	5	2005	53799	3799	0	21	348305	6053030	13J11	.78	.84	5	11	5	9	522	7	40	16	.02	3.8
6223522	6253800	5	2005	53800	3800	0	21	350650	6052162	13J11	.08	.09	1	16	5	9	432	4	2	1	.02	1.8
6223523	6253801	5	2005	53801	3801	0	21	355425	6053316	13J11	.14	.19	2	25	5	4	743	3	2	1	.02	2.2
6223524	6253802	5	2005	53802	3802	0	21	355347	6052692	13J11	.54	.73	4	30	5	11	726	7	43	11	.02	3.8
6223525	6253803	5	2005	53803	3803	0	21	356342	6050220	13J11	.14	.16	1	55	5	6	168	3	2	1	.02	1.5
6223526	6253804	5	2005	53804	3804	0	21	361208	6053056	13J11	.12	.16	2	2	5	5	423	4	2	1	.02	1.7
6223527	6253805	5	2005	53805	3805	1	21	362355	6053650	13J11	.21	.25	2	2	5	4	484	3	2	1	.02	1.8
6223528	6253806	5	2005	53806	3806	2	21	362355	6053650	13J11	.18	.20	2	2	5	4	517	3	2	1	.02	1.5
6223529	6253807	5	2005	53807	3807	0	21	364240	6055037	13J11	.31	.42	4	25	5	9	1353	7	2	6	.02	3.4
6223531	6253808	5	2005	53808	3808	0	21	370474	6053819	13J11	2.12	2.64	11	7	5	8	898	19	39	60	.02	6.0
6223532	6253809	5	2005	53809	3809	0	21	370550	6047272	13J11	1.11	1.10	8	48	5	14	1704	11	67	22	.30	6.3
6223533	6253810	5	2005	53810	3810	0	21	370377	6045405	13J11	.23	.27	4	88	5	10	2600	5	34	3	.02	4.4
6223534	6253811	5	2005	53811	3811	0	21	363002	6046614	13J11	.51	.62	4	23	5	5	519	5	39	6	.02	3.0
6223535	6253812	5	2005	53812	3812	0	21	362209	6045456	13J11	.38	.43	4	27	5	8	947	4	2	4	.02	3.5
6223536	6253813	5	2005	53813	3813	0	21	361758	6044300	13J11	.50	.70	5	26	5	13	1271	5	2	12	.02	3.5
6223537	6253814	5	2005	53814	3814	0	21	358342	6043432	13J11	.26	.29	4	73	5	20	1448	4	2	3	.02	4.8
6223538	6253815	5	2005	53815	3815	0	21	357040	6044525	13J11	2.06	2.44	12	10	5	7	638	15	49	54	.02	6.6
6223539	6253816	5	2005	53816	3816	0	21	349858	6047954	13J11	.10	.11	1	11	5	4	340	2	2	1	.02	1.8
6223541	6253817	5	2005	53817	3817	0	21	347726	6043680	13J11	.08	.08	1	18	5	4	314	3	2	1	.02	1.5
6223542	6253818	5	2005	53818	3818	0	21	343559	6044664	13J11	.47	.61	5	105	5	22	688	6	48	7	.02	5.7

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	sc2	se1	sm1	sr1	sr2	ta1	tb1	th1	ti2	u1	v2
6222633	6253000	5	2005	53000	3000	0	20	679921	6070025	13K09	3.2	.5	6.1	.02	84	.1	.2	3.4	807	5.4	39
6222634	6253001	5	2005	53001	3001	0	20	678062	6069807	13K09	2.9	.5	7.2	.02	41	.1	.2	4.3	783	11.6	35
6222635	6253002	5	2005	53002	3002	0	20	676113	6069185	13K09	3.4	.5	5.1	.02	72	.1	.2	3.2	1093	13.8	27
6222636	6253003	5	2005	53003	3003	0	20	673963	6069298	13K09	3.1	.5	4.8	.02	44	.1	.2	3.0	739	7.7	36
6222637	6253004	5	2005	53004	3004	0	20	672389	6068737	13K09	5.4	.5	5.5	.02	78	.1	.2	2.9	1488	11.0	34
6222638	6253005	2	2005	53005	3005	0	20	671007	6068263	13K09	2.3	.5	2.2	.02	42	.1	.2	1.9	746	6.6	12
6222639	6253006	2	2005	53006	3006	0	20	669772	6069566	13K09	8.1	.5	10.4	.02	76	.1	.2	4.2	1284	22.5	63
6222641	6253007	2	2005	53007	3007	0	20	667718	6067880	13K09	4.8	.5	4.8	.02	57	.1	.2	2.0	1159	3.1	33
6222642	6253008	2	2005	53008	3008	0	20	665019	6067900	13K09	6.7	.5	7.7	.02	88	.1	.9	3.0	1730	3.9	43
#NULL!	6273009	2	2005	73009	3009	0	20	665714	6065512	13K09	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!
6222644	6253010	2	2005	53010	3010	0	20	675399	6066307	13K09	13.3	.5	5.5	.02	290	.1	.2	5.5	5436	1.6	85
6222645	6253011	5	2005	53011	3011	0	20	673721	6060620	13K09	6.8	.5	14.9	.02	28	.1	.2	9.4	602	14.9	84
6222646	6253012	5	2005	53012	3012	0	20	676479	6061717	13K09	2.7	.5	7.7	.02	54	.1	.2	3.8	596	8.3	22
6222647	6253013	5	2005	53013	3013	0	20	676926	6063590	13K09	5.3	.5	9.4	.02	68	.1	1.2	4.9	1318	13.8	59
6222648	6253014	5	2005	53014	3014	0	20	679818	6062633	13K09	3.3	.5	5.3	.02	40	.1	.2	2.4	763	4.1	34
6222649	6253015	5	2005	53015	3015	0	20	680570	6062187	13K09	2.5	.5	11.0	.02	37	.1	.2	4.4	417	5.4	12
6222651	6253016	5	2005	53016	3016	0	20	681408	6062898	13K09	7.1	.5	60.5	.02	51	.1	8.8	13.8	669	60.5	37
6222652	6253017	5	2005	53017	3017	0	20	683098	6063698	13K09	7.7	.5	93.5	.02	29	.1	11.0	17.6	403	49.0	28
6222653	6253018	5	2005	53018	3018	0	20	683596	6065217	13K09	5.7	.5	54.5	.02	65	.1	5.3	11.6	1070	21.5	20
6222654	6253019	5	2005	53019	3019	1	20	686691	6065038	13K09	4.5	.5	16.5	.02	70	2.5	.2	7.7	1418	8.3	23
6222655	6253020	5	2005	53020	3020	2	20	686691	6065038	13K09	4.5	.5	19.8	.02	67	.1	1.8	9.9	1326	11.6	20
6222656	6253021	5	2005	53021	3021	0	20	687332	6066450	13K09	3.1	.5	17.4	.02	27	.1	.2	6.6	381	10.2	13
6222657	6253022	5	2005	53022	3022	0	20	688951	6066554	13K09	11.0	.5	8.4	.02	225	.1	1.1	6.6	4268	5.7	66
6222658	6253023	5	2005	53023	3023	0	20	689781	6068976	13K09	5.5	.5	4.5	.02	63	.1	.2	4.4	1486	.1	55
6222659	6253024	5	2005	53024	3024	0	21	308060	6073660	13J13	9.3	.5	18.6	.02	78	.1	1.2	7.2	1836	3.5	76
6222661	6253025	5	2005	53025	3025	0	21	308666	6075111	13J13	9.6	.5	16.2	.02	111	1.6	1.4	6.0	2476	3.8	111
6222662	6253026	5	2005	53026	3026	0	21	307144	6074900	13J13	4.2	.5	5.5	.02	54	.4	.2	2.3	1072	.1	45
6222663	6253027	5	2005	53027	3027	0	21	309497	6078298	13J13	5.3	.5	7.8	.02	70	2.0	.2	3.8	1269	4.1	29
6222664	6253028	5	2005	53028	3028	0	21	311603	6078264	13J13	2.4	.5	7.8	.02	38	.1	.2	2.6	494	.1	19
6222665	6253029	5	2005	53029	3029	0	21	312764	6077794	13J13	6.3	.5	6.6	.02	125	.1	.2	4.7	2182	3.0	44
6222666	6253030	5	2005	53030	3030	0	21	315113	6078341	13J13	3.1	.5	5.3	.02	41	.1	.2	4.0	936	.1	27
6222667	6253031	5	2005	53031	3031	0	21	316529	6079976	13J13	3.2	.5	11.0	.02	41	.1	.2	7.5	624	3.7	25
6222668	6253032	5	2005	53032	3032	0	21	317652	6079979	13J13	12.3	.5	7.8	.02	214	.1	1.0	9.7	3791	5.3	108
6222669	6253033	5	2005	53033	3033	0	21	321324	6080718	13J13	11.6	.5	3.8	.02	235	.1	.2	4.3	4187	2.3	65
6222671	6253034	5	2005	53034	3034	0	21	323560	6083824	13J13	11.1	.5	11.0	.02	190	.1	1.2	7.9	3046	6.5	80
6222731	6253035	5	2005	53035	3035	0	21	322636	6085487	13J13	3.8	.5	7.9	.02	39	.1	.2	6.0	1247	2.4	38
6222732	6253036	5	2005	53036	3036	0	21	319640	6088135	13J13	12.0	.5	7.6	.02	224	.1	.2	7.3	3909	2.5	129
6222733	6253037	5	2005	53037	3037	0	21	318469	6089079	13J13	14.9	.5	4.5	.02	283	.1	.2	5.5	4779	2.6	101
6222734	6253038	5	2005	53038	3038	0	21	321691	6089769	13J13	6.8	.5	4.8	.02	125	1.6	.2	3.7	2380	.9	61
6222735	6253039	5	2005	53039	3039	1	20	689554	6065230	13K09	2.9	.5	12.0	.02	23	.1	1.2	6.8	390	45.0	7
6222736	6253040	5	2005	53040	3040	2	20	689554	6065230	13K09	3.2	.5	14.0	.02	25	2.2	1.5	8.5	413	55.0	8
6222737	6253041	2	2005	53041	3041	0	20	686966	6063240	13K09	5.8	.5	3.4	.02	135	.1	.2	4.3	2445	3.3	21
6222738	6253042	5	2005	53042	3042	0	20	686600	6062150	13K09	2.5	.5	4.6	.02	37	.1	.2	2.9	392	12.0	4
6222739	6253043	5	2005	53043	3043	0	20	685187	6063410	13K09	6.6	.5	39.0	.02	28	.1	3.3	24.0	684	30.0	27
6222741	6253044	5	2005	53044	3044	0	20	683465	6062721	13K09	2.7	.5	9.1	.02	48	.1	.2	6.8	649	11.0	8
6222742	6253045	5	2005	53045	3045	0	20	682063	6061387	13K09	10.1	.5	39.0	.02	26	.1	2.5	24.0	437	38.0	21
6222743	6253046	5	2005	53046	3046	0	20	677933	6058933	13K09	4.7	.5	8.8	.02	84	.1	1.2	5.8	1362	18.0	29
6222744	6253047	5	2005	53047	3047	0	20	675001	6059621	13K09	3.9	.5	7.7	.02	51	.1	.2	9.4	616	38.0	52
6222745	6253048	5	2005	53048	3048	0	20	674315	6057819	13K09	8.5	.5	29.0	.02	83	.1	4.4	13.0	1586	25.0	69
6222746	6253049	5	2005	53049	3049	0	20	671144	6055706	13K09	5.5	.5	13.0	.02	67	.1	.2	8.2	1466	10.0	49
6222747	6253050	5	2005	53050	3050	0	20	669441	6053988	13K09	6.3	.5	36.0	.02	60	.1	1.7	23.0	619	460.0	46
6222748	6253051	5	2005	53051	3051	0	20	667050	6053315	13K09	6.2	.5	8.5	.02	108	.1	1.3	7.5	1821	24.0	85
6222749	6253052	5	2005	53052	3052	0	20	665955	6052537	13K09	9.8	.5	4.8	.02	277	.1	.2	5.0	4029	11.0	49
6222751	6253053	5	2005	53053	3053	0	20	666986	6051916	13K09	6.5	.5	19.0	.02	67	.1	2.6	12.0	1240	34.0	44
6222752	6253054	5	2005	53054	3054	0	20	670191	6052270	13K09	6.3	.5	9.4	.02	96	.1	.2	8.4	2031	7.9	45
6222753	6253055	5	2005	53055	3055	0	20	671380	6052629	13K09	8.5	.5	9.5	.02	182	.1	.2	10.0	3060	7.0	31
6222754	6253056	5	2005	53056	3056	0	20	673571	6053753	13K09	6.0	.5	12.0	.02	92	.1	.2	11.0	2065	13.0	47
6222755	6253057	5	2005	53057	3057	0	20	675061	6054621	13K09	5.7	.5	4.2	.02	122	.1	.2	4.8	2038	3.8	23
6222756	6253058	5	2005	53058	3058	0	20	676345	6056223	13K09	3.3	.5	10.0	.02	46	.1	.6	8.5	749	8.9	10
6222757	6253059	5	2005	53059	3059	1	20	677639	6056753	13K09	3.6	.5	12.0	.02	35	.1	1.5	9.3	584	11.0	17
6222758	6253060	5	2005	53060	3060	2	20	677639	6056753	13K09	4.1	.5	14.0	.02	39	.1	.2	9.3	697	12.0	20
6222759	6253061	5	2005	53061	3061	0	20	680537	6058283	13K09	8.1	.5	11.0	.02	114	.1	.2	9.3	2603	21.0	41
6222761	6253062	5	2005	53062	3062	0	20	681235	6059168	13K09	5.1	.5	17.0	.02	53	.1	1.8	13.0	1257	32.0	41
6222762	6253063	5	2005	53063	3063	0	20	683575	6059447	13K09	13.1	.5	7.4	.02	269	.1	.2	10.0	5283	5.9	80
6222763	6253064	5	2005	53064	3064	0	20	686817	6058965	13K09	3.6	.5	16.0	.02	27	.1	.2	19.0	514	87.0	10
6222764	6253065	5	2005	53065	3065	0	20	689884	6059286	13K09	4.6	.5	6.0	.02	79	.1	.2	7.8	1848	16.0	26
6222765	6253066	5	2005	53066	3066	0	20	690527	6061452	13K09	4.1	.5	5.3	.02	87	3.3	.2	6.7	1475	8.3	13
6222766	6253067	5	2005	53067	3067	0	20	692150	6063132	13K09	9.1	.5	37.0	.02	35	.1	.2	25.5	965	111.0	39
6222767	6253068	5	2005	53068	3068	0	21	308544	6065178	13J12	8.5	.5	27.2	.02	68	.1	2.2	18.7	1736	73.1	75

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	sc2	se1	sm1	sr1	sr2	ta1	tb1	th1	ti2	u1	v2
6222768	6253069	5	2005	53069	3069	0	21	309237	6065177	13J12	7.0	.5	23.0	.02	95	.1	3.7	13.6	2224	93.5	54
6222769	6253070	5	2005	53070	3070	0	21	308647	6065639	13J12	5.9	.5	23.0	.02	46	.1	2.8	12.8	600	57.0	21
6222771	6253071	5	2005	53071	3071	0	21	308633	6066105	13J12	5.6	.5	15.3	.02	85	.1	2.2	9.4	839	28.0	40
6222772	6253072	5	2005	53072	3072	0	21	306934	6066457	13J12	5.1	.5	19.5	.02	71	.1	2.5	12.8	1217	19.5	27
6222773	6253073	5	2005	53073	3073	0	21	308367	6068111	13J12	2.2	.5	15.3	.02	33	.1	1.5	12.8	464	13.6	9
6222774	6253074	5	2005	53074	3074	0	21	311204	6074351	13J13	4.5	.5	9.4	.02	72	.1	.2	8.2	1302	4.5	51
6222775	6253075	5	2005	53075	3075	0	21	312985	6074002	13J13	9.8	.5	16.1	.02	112	.1	.2	14.4	2500	14.4	98
6222776	6253076	5	2005	53076	3076	0	21	314763	6075664	13J13	10.4	.5	15.3	.02	133	.1	1.5	12.8	2961	10.2	112
6222777	6253077	5	2005	53077	3077	0	21	312611	6076460	13J13	5.6	.5	4.0	.02	211	.1	.2	2.9	2243	.1	33
6222778	6253078	5	2005	53078	3078	0	21	311664	6076972	13J13	4.4	.5	4.2	.02	97	2.2	.2	4.3	1553	2.6	26
6222779	6253079	5	2005	53079	3079	0	21	322134	6078120	13J13	4.2	.5	36.9	.02	47	.1	.2	27.9	851	36.0	25
6222781	6253080	5	2005	53080	3080	1	21	324735	6077854	13J13	6.1	.5	26.1	.02	85	.1	3.2	27.9	1342	46.8	55
6222782	6253081	5	2005	53081	3081	2	21	324735	6077854	13J13	8.2	.5	29.7	.02	146	.1	.8	28.8	1903	99.0	51
6222783	6253082	5	2005	53082	3082	0	21	323021	6080305	13J13	10.6	.5	8.6	.02	252	.1	1.3	7.2	3579	5.3	67
6222843	6253083	5	2005	53083	3083	0	21	325673	6081190	13J13	8.7	.5	4.9	.02	248	.1	.2	4.1	3469	2.4	39
6222844	6253084	5	2005	53084	3084	0	20	685924	6057529	13K09	3.2	.5	2.5	.02	57	.1	.2	3.7	1133	3.1	15
6222845	6253085	5	2005	53085	3085	0	20	683320	6056995	13K09	7.2	.5	23.8	.02	50	.1	2.0	16.1	1500	30.6	83
6222846	6253086	5	2005	53086	3086	0	20	682781	6055589	13K09	6.4	.5	10.2	.02	81	.1	.6	8.0	1664	8.3	51
6222847	6253087	5	2005	53087	3087	0	20	681180	6055053	13K09	4.6	.5	11.1	.02	63	.1	.2	6.9	1286	11.9	59
6222848	6253088	5	2005	53088	3088	0	20	678714	6054636	13K09	2.3	.5	4.0	.02	33	.1	.2	3.1	724	7.1	18
6222849	6253089	5	2005	53089	3089	0	20	679002	6053025	13K09	3.5	.5	3.6	.02	59	.1	.2	4.3	1153	2.3	19
6222851	6253090	5	2005	53090	3090	0	20	677816	6052425	13K09	4.2	.5	2.5	.02	96	.1	.2	4.3	1738	.1	19
6222852	6253091	5	2005	53091	3091	0	20	677523	6051548	13K09	6.8	.5	9.4	.02	132	.1	.2	8.5	2012	5.7	42
6222853	6253092	5	2005	53092	3092	0	20	673976	6050626	13K09	10.6	.5	11.9	.02	174	.1	1.1	16.1	3135	11.1	58
6222854	6253093	5	2005	53093	3093	0	20	673686	6051233	13K09	5.4	.5	10.2	.02	49	.1	1.1	9.4	1513	4.3	52
6222855	6253094	5	2005	53094	3094	0	20	669333	6048161	13K09	5.9	.5	12.4	.02	59	.1	1.2	10.4	1257	18.0	65
6222856	6253095	5	2005	53095	3095	0	20	668985	6049495	13K09	5.0	.5	11.4	.02	40	.1	.2	8.0	820	6.4	42
6222857	6253096	5	2005	53096	3096	0	20	667466	6049870	13K09	3.4	.5	4.7	.02	53	.1	.2	3.3	1049	2.3	19
6222858	6253097	5	2005	53097	3097	0	20	665328	6048731	13K09	3.8	.5	7.2	.02	44	.1	.6	5.7	930	5.6	23
6222859	6253098	5	2005	53098	3098	0	20	662010	6045969	13K09	3.6	.5	3.7	.02	60	.1	.2	3.3	1292	2.6	20
6222861	6253099	5	2005	53099	3099	1	20	663582	6044773	13K09	3.1	.5	3.8	.02	53	.1	.2	3.4	1055	1.5	35
6222862	6253100	5	2005	53100	3100	2	20	663582	6044773	13K09	3.2	.5	3.6	.02	54	.1	.2	3.2	1031	.1	27
6222863	6253101	5	2005	53101	3101	0	20	662616	6043115	13K09	6.8	.5	14.3	.02	91	.1	1.1	11.4	1478	5.6	54
6222864	6253102	5	2005	53102	3102	0	20	663537	6042495	13K09	7.7	.5	11.4	.02	124	.1	.9	7.3	1845	14.3	45
6222865	6253103	5	2005	53103	3103	0	20	667043	6042085	13K09	5.0	.5	12.4	.02	42	.1	.2	10.4	785	7.0	23
6222866	6253104	5	2005	53104	3104	0	20	665852	6045837	13K09	4.0	.5	9.5	.02	45	.1	.2	6.0	583	6.1	44
6222867	6253105	5	2005	53105	3105	0	20	666805	6046499	13K09	4.2	.5	10.0	.02	42	.1	1.1	8.0	971	8.4	34
6222868	6253106	5	2005	53106	3106	0	20	669676	6046371	13K09	4.1	.5	9.0	.02	50	.1	.2	8.3	821	15.0	24
6222869	6253107	5	2005	53107	3107	0	20	671268	6047092	13K09	5.6	.5	11.0	.02	47	.1	1.3	10.0	788	14.0	30
6222871	6253108	5	2005	53108	3108	0	20	672384	6048997	13K09	6.6	.5	12.0	.02	69	.1	1.2	11.0	1606	12.0	60
6222872	6253109	5	2005	53109	3109	0	20	673471	6048811	13K09	6.7	.5	5.9	.02	132	2.6	.2	5.8	2169	5.2	37
6222873	6253110	5	2005	53110	3110	0	20	678636	6050703	13K09	4.1	.5	3.3	.02	60	.1	.2	4.7	1240	4.7	18
6222874	6253111	5	2005	53111	3111	0	20	681208	6052741	13K09	11.7	.5	11.0	.02	252	.1	1.6	11.0	3857	37.0	64
6222875	6253112	5	2005	53112	3112	0	20	682293	6052755	13K09	3.3	.5	2.2	.02	42	.1	.2	3.2	945	.1	14
6222876	6253113	5	2005	53113	3113	0	20	683440	6055295	13K09	4.3	.5	12.0	.02	62	.1	1.0	13.0	944	27.0	29
6222877	6253114	5	2005	53114	3114	0	20	685156	6055145	13K09	4.0	.5	12.0	.02	44	1.6	.9	7.8	993	13.0	27
6222878	6253115	5	2005	53115	3115	0	20	686369	6056481	13K09	7.6	.5	4.9	.02	180	.1	.2	5.9	3318	5.2	35
6222879	6253116	5	2005	53116	3116	0	20	687385	6055364	13K09	4.5	.5	9.4	.02	65	.1	1.3	6.4	596	21.0	11
6222881	6253117	5	2005	53117	3117	0	20	688196	6055562	13K09	6.2	.5	8.5	.02	110	.1	.2	6.6	2051	6.6	34
6222882	6253118	5	2005	53118	3118	0	20	689533	6056655	13K09	5.0	.5	15.0	.02	49	.1	1.3	7.3	855	10.0	37
6222883	6253119	5	2005	53119	3119	1	20	691389	6057871	13K09	4.7	.5	5.0	.02	55	.1	.2	4.6	1256	5.2	28
6222884	6253120	5	2005	53120	3120	2	20	691389	6057871	13K09	4.6	.5	5.1	.02	52	.1	.2	5.0	1181	5.4	27
6222885	6253121	5	2005	53121	3121	0	20	691863	6059092	13K09	4.4	.5	11.0	.02	53	.1	.2	6.5	1158	9.1	38
6222886	6253122	5	2005	53122	3122	0	21	306804	6060884	13J12	13.5	.5	16.0	.02	294	.1	1.4	11.0	4621	57.0	61
6222887	6253123	5	2005	53123	3123	0	21	308335	6062720	13J12	5.5	.5	4.4	.02	135	.1	.2	3.5	2429	2.1	28
6222888	6253124	5	2005	53124	3124	0	21	311709	6064889	13J12	2.5	.5	13.3	.02	33	.1	.2	7.0	442	5.3	11
6222889	6253125	5	2005	53125	3125	0	21	311992	6066067	13J12	3.5	.5	6.1	.02	54	.1	.2	4.8	1396	3.2	19
6222891	6253126	5	2005	53126	3126	0	21	313847	6065880	13J12	3.9	.5	6.6	.02	58	.1	.2	6.3	1140	6.7	27
6222892	6253127	5	2005	53127	3127	0	21	316897	6068091	13J12	4.4	.5	9.4	.02	63	.1	1.0	5.3	968	8.4	65
6222893	6253128	5	2005	53128	3128	0	21	315411	6068652	13J12	4.9	.5	19.0	.02	32	.1	2.0	9.1	597	27.5	34
6222894	6253129	5	2005	53129	3129	0	21	323935	6083135	13J13	10.6	.5	15.2	.02	130	.1	1.4	11.4	2157	41.8	83
6222895	6253130	5	2005	53130	3130	0	21	327471	6085709	13J13	10.2	.5	4.2	.02	284	.1	.2	3.1	3481	2.1	46
6222896	6253131	5	2005	53131	3131	0	21	326094	6084728	13J13	13.9	.5	4.9	.02	277	1.2	.2	4.2	4329	3.1	78
6222897	6253132	5	2005	53132	3132	0	20	687673	6052018	13K09	4.9	.5	3.1	.02	129	.1	.2	3.5	2040	2.9	24
6223016	6253133	5	2005	53133	3133	0	20	687980	6050405	13K09	2.5	.5	4.4	.02	32	.1	.2	5.7	690	8.5	14
6223017	6253134	5	2005	53134	3134	0	20	685579	6049870	13K09	2.9	.5	3.9	.02	37	.1	.2	5.1	615	4.3	10
6223018	6253135	5	2005	53135	3135	0	20	684231	6049642	13K09	2.9	.5	3.8	.02	39	.1	.2	6.2	820	14.4	17
6223019	6253136	5	2005	53136	3136	0	20	682485	6049637	13K09	6.1	.5	9.4	.02	102	.1	.2	11.1	1839	14.4	77
6223021	6253137	5	2005	53137	3137	0	20	680600	6047921	13K09	5.8	.5	3.7	.02	144	.1	.2	4.4	2481	3.1	30

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	sc2	se1	sm1	sr1	sr2	ta1	tb1	th1	ti2	u1	v2
6223022	6253138	5	2005	53138	3138	0	20	676280	6047613	13K09	3.4	.5	7.6	.02	52	.1	.2	7.0	563	11.9	8
6223023	6253139	5	2005	53139	3139	1	20	676615	6047059	13K09	3.2	.5	4.9	.02	60	.1	.2	5.3	814	3.4	10
6223024	6253140	5	2005	53140	3140	2	20	676615	6047059	13K09	3.4	.5	4.6	.02	69	.1	.2	4.3	898	3.2	13
6223025	6253141	5	2005	53141	3141	0	20	676285	6045723	13K09	7.4	.5	17.0	.02	51	1.5	.5	16.1	850	93.5	55
6223026	6253142	5	2005	53142	3142	0	20	675173	6043594	13K09	9.1	.5	8.2	.02	158	.1	.2	12.8	3125	8.0	71
6223027	6253143	5	2005	53143	3143	0	20	673063	6042900	13K09	5.4	.5	15.3	.02	53	.1	.8	16.1	703	15.3	11
6223028	6253144	5	2005	53144	3144	0	20	670219	6042295	13K09	5.4	.5	10.2	.02	42	.1	1.4	8.2	680	12.8	40
6223029	6253145	5	2005	53145	3145	0	20	678640	6046050	13K09	4.3	.5	7.4	.02	72	.1	.2	5.2	1215	43.3	27
6223031	6253146	5	2005	53146	3146	0	20	683482	6046450	13K09	4.9	.5	6.8	.02	77	.1	.2	8.5	1494	15.3	26
6223032	6253147	5	2005	53147	3147	0	20	683510	6047251	13K09	4.5	.5	9.4	.02	42	.1	.2	10.2	1091	25.5	41
6223033	6253148	5	2005	53148	3148	0	20	684665	6047702	13K09	11.9	.5	21.0	.02	52	.1	2.5	23.3	952	44.3	48
6223034	6253149	5	2005	53149	3149	0	20	686977	6048459	13K09	6.6	.5	12.8	.02	33	.1	.2	12.0	552	30.8	77
6223035	6253150	5	2005	53150	3150	0	20	688240	6048884	13K09	4.4	.5	10.5	.02	41	.1	1.0	7.5	684	10.5	31
6223036	6253151	5	2005	53151	3151	0	20	692385	6044991	13K09	9.5	.5	5.1	.02	193	.1	.2	9.0	3892	4.1	62
6223037	6253152	5	2005	53152	3152	0	20	690319	6044429	13K09	6.2	.5	6.2	.02	95	.1	1.0	7.1	2012	6.2	45
6223038	6253153	5	2005	53153	3153	0	20	688270	6044290	13K09	4.5	.5	7.5	.02	46	.1	.2	5.3	618	9.0	37
6222672	6253154	5	2005	53154	3154	0	20	687089	6044551	13K09	2.3	.5	3.6	.02	43	.1	.2	3.5	677	5.0	12
6222673	6253155	5	2005	53155	3155	0	20	684270	6043711	13K09	4.9	.5	6.0	.02	83	.1	.2	7.3	1525	7.3	34
6222674	6253156	5	2005	53156	3156	0	20	682626	6043126	13K09	5.1	.5	11.0	.02	40	.1	1.3	12.0	1083	15.0	49
6222675	6253157	5	2005	53157	3157	0	20	687479	6046044	13K09	2.4	.5	3.6	.02	47	.1	.2	3.9	733	.1	16
6222676	6253158	5	2005	53158	3158	0	20	690829	6046027	13K09	2.8	.5	4.7	.02	43	.1	.2	4.2	501	4.3	18
6222677	6253159	5	2005	53159	3159	0	20	692318	6046886	13K09	7.3	.5	4.1	.02	154	2.4	.2	7.2	2961	3.8	56
6222678	6253160	5	2005	53160	3160	1	20	691737	6049333	13K09	5.6	.5	7.4	.02	81	.1	.2	6.6	1816	6.4	53
6222679	6253161	5	2005	53161	3161	2	20	691737	6049333	13K09	5.8	.5	7.6	.02	83	.1	.2	7.2	1878	7.4	54
6222681	6253162	5	2005	53162	3162	0	20	690172	6049777	13K09	3.8	.5	7.3	.02	42	.1	.2	5.5	810	7.8	33
6222682	6253163	5	2005	53163	3163	0	20	690949	6051222	13K09	7.9	.5	4.0	.02	197	.1	.2	4.6	3102	4.7	62
6222683	6253164	5	2005	53164	3164	0	20	691882	6051353	13K09	4.8	.5	5.1	.02	96	.1	.2	5.0	1654	9.9	34
6222684	6253165	5	2005	53165	3165	0	20	692491	6053576	13K09	4.8	.5	9.7	.02	60	.1	1.3	7.0	1174	14.0	32
6222685	6253166	5	2005	53166	3166	0	20	691302	6053343	13K09	4.2	.5	4.8	.02	73	.1	.2	4.9	1455	4.5	25
6222686	6253167	5	2005	53167	3167	0	20	690012	6054901	13K09	8.3	.5	17.0	.02	64	.1	1.8	15.0	1356	6.5	53
6222687	6253168	5	2005	53168	3168	0	20	692375	6055807	13K09	6.6	.5	13.0	.02	49	.1	.2	9.3	978	11.0	57
6222688	6253169	5	2005	53169	3169	0	21	306854	6058331	13J12	6.9	11.0	11.0	.02	36	.1	1.3	6.1	291	37.0	12
6222689	6253170	5	2005	53170	3170	0	21	309398	6060052	13J12	2.6	.5	7.6	.02	28	.1	.2	4.6	451	5.9	11
6222691	6253171	5	2005	53171	3171	0	21	310466	6062149	13J12	3.4	.5	7.5	.02	42	.1	.2	6.5	925	7.2	20
6222692	6253172	5	2005	53172	3172	0	21	308500	6066773	13J12	8.3	.5	47.0	.02	41	.1	8.1	26.0	1069	17.0	65
6222693	6253173	5	2005	53173	3173	0	21	321771	6070377	13J13	6.1	.5	12.0	.02	61	.1	1.1	9.6	1072	31.0	129
6222694	6253174	5	2005	53174	3174	0	21	323348	6071006	13J13	3.3	.5	28.0	.02	16	.1	2.8	4.9	459	10.0	31
6222695	6253175	5	2005	53175	3175	0	21	321850	6073135	13J13	11.3	.5	37.0	.02	184	.1	4.6	18.0	2903	50.0	67
6222696	6253176	5	2005	53176	3176	0	21	324963	6073921	13J13	4.3	.5	96.0	.02	14	.1	10.0	7.9	339	13.0	14
6222697	6253177	5	2005	53177	3177	0	21	324403	6075954	13J13	10.0	.5	23.0	.02	122	.1	2.2	14.0	2955	13.0	80
6222698	6253178	5	2005	53178	3178	0	21	326077	6077858	13J13	1.9	.5	2.6	.02	57	.1	.2	2.7	948	.1	13
6222699	6253179	5	2005	53179	3179	0	21	325980	6080047	13J13	3.3	.5	5.5	.02	69	.1	.2	5.6	1267	6.6	18
6222701	6253180	5	2005	53180	3180	1	21	308365	6068107	13J12	2.4	.5	14.4	.02	38	.1	2.0	9.4	537	11.9	9
6222702	6253181	5	2005	53181	3181	2	21	308365	6068107	13J12	2.4	.5	14.4	.02	42	.1	.2	8.1	599	11.1	10
6222703	6253182	5	2005	53182	3182	0	21	312055	6061972	13J12	6.9	.5	14.4	.02	56	.1	1.5	10.2	1212	14.4	43
6222704	6253183	5	2005	53183	3183	0	21	310790	6060170	13J12	7.3	.5	15.3	.02	76	.1	.8	12.8	1063	12.8	45
6222705	6253184	5	2005	53184	3184	0	21	311170	6059084	13J12	19.2	.5	4.8	.02	310	.1	.2	4.9	6207	2.9	103
6222706	6253185	5	2005	53185	3185	0	21	309039	6058804	13J12	4.6	.5	11.1	.02	44	.1	1.2	6.5	408	7.5	11
6222707	6253186	5	2005	53186	3186	0	21	311119	6055373	13J12	2.0	.5	3.7	.02	42	.1	.2	3.0	607	15.3	15
6222708	6253187	5	2005	53187	3187	0	21	308794	6053300	13J12	6.0	.5	19.5	.02	33	.1	.2	11.9	549	264.0	31
6222709	6253188	5	2005	53188	3188	0	21	308412	6053117	13J12	5.4	.5	5.7	.02	95	.1	.2	5.5	2188	13.6	43
6222711	6253189	5	2005	53189	3189	0	21	307163	6052180	13J12	4.5	.5	7.6	.02	72	.1	.2	7.1	1543	19.0	31
6222712	6253190	5	2005	53190	3190	0	21	306395	6051420	13J12	6.1	.5	13.0	.02	75	.1	1.4	9.8	1633	36.0	54
6222713	6253191	5	2005	53191	3191	0	21	307686	6051282	13J12	6.1	.5	14.0	.02	45	.1	1.7	8.9	792	24.0	46
6222714	6253192	5	2005	53192	3192	0	21	308117	6051540	13J12	6.6	.5	19.0	.02	34	.1	.2	11.0	582	34.0	20
6222715	6253193	5	2005	53193	3193	0	21	308052	6051865	13J12	6.1	.5	11.0	.07	18	.1	.2	7.0	429	89.0	16
6222716	6253194	5	2005	53194	3194	0	21	309689	6051359	13J12	7.8	.5	22.0	.02	56	.1	2.5	15.0	988	53.0	53
6222717	6253195	5	2005	53195	3195	0	21	311453	6052585	13J12	4.5	.5	12.0	.02	45	.1	.2	8.1	573	20.0	24
6222718	6253196	5	2005	53196	3196	0	21	311243	6053592	13J12	11.9	.5	23.0	.02	57	.1	2.2	14.0	1096	75.0	61
6222719	6253197	5	2005	53197	3197	0	21	312676	6054581	13J12	5.2	.5	10.0	.02	72	2.3	.2	7.8	1627	6.7	43
6222721	6253198	5	2005	53198	3198	0	21	314786	6056099	13J12	9.0	17.0	6.9	.02	224	.1	.2	5.0	3395	39.0	66
6222722	6253199	5	2005	53199	3199	1	21	313635	6057521	13J12	5.2	.5	7.4	.02	27	.1	.8	7.1	328	6.1	23
6222723	6253200	5	2005	53200	3200	2	21	313535	6057484	13J12	10.1	.5	6.0	.02	257	.1	.6	5.9	4078	4.8	61
6222724	6253201	5	2005	53201	3201	0	21	314785	6058726	13J12	5.1	.5	5.3	.02	110	.1	.2	4.9	1790	3.6	39
6222725	6253202	5	2005	53202	3202	0	21	314117	6059843	13J12	9.2	.5	20.0	.02	52	.1	2.3	15.0	959	13.0	53
6222726	6253203	5	2005	53203	3203	0	21	316363	6060814	13J12	7.7	.5	14.0	.02	111	.1	1.2	7.4	1776	6.2	33
6222727	6253204	5	2005	53204	3204	0	21	315129	6062422	13J12	3.3	.5	9.3	.02	35	.1	1.5	8.0	468	6.8	12
6222728	6253205	5	2005	53205	3205	0	21	316160	6063730	13J12	3.5	.5	6.5	.02	30	.1	.2	10.0	433	6.1	9
6222729	6253206	5	2005	53206	3206	0	21	315674	6064516	13J12	3.1	.5	4.7	.02	41	.1	.2	8.5	703	7.3	13

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	sc2	se1	sm1	sr1	sr2	ta1	tb1	th1	ti2	u1	v2
6222784	6253207	5	2005	53207	3207	0	21	316729	6065394	13J12	3.0	.5	7.7	.02	31	.1	.2	10.8	495	6.7	13
6222785	6253208	5	2005	53208	3208	0	21	320299	6066280	13J12	3.7	.5	3.7	.02	24	.1	.2	5.8	696	2.6	14
6222786	6253209	5	2005	53209	3209	0	21	320141	6067659	13J12	8.0	.5	19.8	.02	38	.1	2.7	22.5	901	26.1	168
6222787	6253210	5	2005	53210	3210	0	21	322389	6068734	13J12	4.2	.5	10.8	.02	15	.1	.2	6.7	617	10.8	53
6222788	6253211	5	2005	53211	3211	0	21	323618	6069081	13J12	5.5	.5	9.9	.02	30	.1	.2	11.7	582	13.5	74
6222789	6253212	5	2005	53212	3212	0	21	326434	6070935	13J13	6.9	.5	27.9	.02	25	.1	3.1	25.2	675	55.8	43
6222791	6253213	5	2005	53213	3213	0	21	328089	6072308	13J13	8.2	.5	34.2	.02	35	.1	2.0	22.5	1002	45.0	49
6222792	6253214	5	2005	53214	3214	0	21	329529	6072919	13J13	4.6	.5	35.1	.02	24	.1	.2	18.9	578	36.0	35
6222793	6253215	5	2005	53215	3215	0	21	327058	6075343	13J13	4.1	.5	47.7	.02	22	.1	4.1	15.3	539	45.9	21
6222794	6253216	5	2005	53216	3216	0	21	328850	6077242	13J13	3.0	.5	23.4	.02	53	.1	2.2	11.7	481	24.3	15
6222795	6253217	5	2005	53217	3217	0	21	328580	6079823	13J13	2.5	.5	11.7	.02	28	.1	.2	5.4	676	.1	31
6222796	6253218	5	2005	53218	3218	0	21	329064	6083475	13J13	8.6	.5	11.7	.02	184	.1	.7	11.7	3374	7.7	76
6222797	6253219	5	2005	53219	3219	0	21	331022	6086943	13J13	3.8	.5	10.8	.02	54	.1	.2	9.9	1207	10.8	58
6222799	6253221	5	2005	53221	3221	0	21	331931	6086890	13J13	3.9	.5	19.8	.02	39	.1	.2	20.7	880	27.9	54
6222801	6253222	5	2005	53222	3222	0	21	333300	6087840	13J13	5.2	.5	6.9	.02	145	.1	.2	7.7	2495	9.0	43
6222802	6253223	5	2005	53223	3223	0	21	333761	6088460	13J13	8.3	.5	7.2	.02	174	.1	.2	8.4	3043	9.9	65
6222803	6253224	5	2005	53224	3224	0	21	334100	6091383	13J13	9.0	.5	15.3	.02	182	.1	.6	11.7	3190	15.3	102
6222804	6253225	5	2005	53225	3225	0	21	330664	6090383	13J13	5.3	.5	3.2	.02	123	.1	.2	6.2	1995	26.1	24
6222805	6253226	5	2005	53226	3226	0	21	329765	6089489	13J13	3.7	.5	5.8	.02	44	.1	.2	8.1	1232	62.1	48
6222806	6253227	5	2005	53227	3227	0	21	328607	6089250	13J13	5.1	.5	2.1	.02	185	.1	.2	3.2	2199	5.9	23
6222807	6253228	5	2005	53228	3228	0	21	321768	6066090	13J12	6.8	.5	15.3	.02	34	.1	.2	12.6	951	11.7	75
6222808	6253229	5	2005	53229	3229	0	21	320631	6063480	13J12	2.7	.5	3.1	.02	45	.1	.2	4.6	422	5.1	20
6222809	6253230	5	2005	53230	3230	0	21	319088	6063477	13J12	9.2	.5	9.0	.02	182	3.5	.2	5.9	2393	4.6	41
6222811	6253231	5	2005	53231	3231	0	21	317094	6062249	13J12	11.7	.5	13.6	.02	182	.1	1.5	8.3	3039	8.1	71
6222812	6253232	5	2005	53232	3232	0	21	319062	6061266	13J12	6.0	.5	11.9	.02	68	.1	1.3	6.4	948	14.4	32
6222813	6253233	5	2005	53233	3233	0	21	316499	6058866	13J12	10.7	.5	28.9	.02	92	.1	3.7	15.3	842	25.5	45
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6222816	6253236	5	2005	53236	3236	0	21	313112	6052926	13J12	6.3	.5	10.2	.02	77	.1	.2	14.4	1156	17.9	39
6222817	6253237	5	2005	53237	3237	0	21	313951	6052004	13J12	2.4	.5	7.6	.02	28	.1	.2	8.0	446	11.9	14
6222818	6253238	5	2005	53238	3238	0	21	310631	6048470	13J12	4.3	.5	3.6	.02	59	.1	.2	5.0	864	.1	22
6222819	6253239	5	2005	53239	3239	1	21	306970	6047395	13J12	10.3	.5	16.1	.02	139	.1	.2	19.5	2983	28.9	52
6222821	6253240	5	2005	53240	3240	2	21	306970	6047395	13J12	11.9	.5	15.3	.02	202	.1	.2	21.3	3049	30.6	53
6222822	6253241	5	2005	53241	3241	0	21	306085	6046562	13J12	8.4	.5	8.8	.02	179	.1	.2	11.0	3204	9.9	55
6222823	6253242	5	2005	53242	3242	0	21	313068	6043393	13J12	5.4	.5	12.0	.02	83	.1	.2	9.8	1452	14.0	62
6222824	6253243	5	2005	53243	3243	0	21	314248	6044301	13J12	10.6	.5	6.9	.02	324	.1	.2	7.5	3582	3.9	61
6222825	6253244	5	2005	53244	3244	0	21	319544	6044202	13J12	4.1	.5	3.4	.02	117	3.8	.2	4.9	1625	3.4	26
6222826	6253245	5	2005	53245	3245	0	21	320676	6043584	13J12	6.5	.5	8.0	.02	175	.1	.2	7.8	1997	.1	53
6222827	6253246	5	2005	53246	3246	0	21	323588	6043083	13J12	11.9	.5	25.0	.02	176	.1	1.2	22.0	2563	20.0	103
6222828	6253247	5	2005	53247	3247	0	21	328145	6044589	13J12	4.9	.5	9.6	.02	112	.1	.2	6.7	1909	.1	53
6222829	6253248	5	2005	53248	3248	0	21	328871	6044906	13J12	6.0	.5	41.0	.02	52	.1	2.8	8.2	605	29.0	10
6222831	6253249	5	2005	53249	3249	0	21	330766	6042946	13J12	2.1	.5	4.4	.02	55	.1	.2	2.5	806	.1	13
6222832	6253250	5	2005	53250	3250	0	21	334018	6043425	13J12	10.7	.5	8.5	.02	321	.1	.2	11.0	4329	4.7	61
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6222834	6253252	5	2005	53252	3252	0	21	335683	6047759	13J12	.4	.5	.6	.02	24	.1	.2	1.2	110	.1	2
6222835	6253253	5	2005	53253	3253	0	21	333618	6047047	13J12	6.7	.5	6.1	.02	152	.1	.2	5.5	2552	.1	42
6222836	6253254	5	2005	53254	3254	0	21	334467	6045823	13J12	11.3	.5	4.0	.02	399	.1	.2	3.3	4656	1.7	47
6222837	6253255	5	2005	53255	3255	0	21	333253	6044940	13J12	7.7	.5	4.6	.02	176	.1	.2	6.1	4068	1.9	39
6222838	6253256	5	2005	53256	3256	0	21	332345	6045687	13J12	8.3	.5	18.7	.02	110	.1	2.5	11.1	1834	8.3	70
6222839	6253257	5	2005	53257	3257	0	21	331172	6046000	13J12	11.8	.5	8.5	.02	271	.1	.2	7.1	4445	4.2	69
6222841	6253258	5	2005	53258	3258	0	21	331525	6047611	13J12	3.1	.5	8.2	.02	51	.1	.2	4.6	765	2.3	24
6222842	6253259	5	2005	53259	3259	1	21	328270	6048918	13J12	4.3	.5	8.5	.02	61	.1	.2	5.9	1178	3.6	22
6222898	6253260	5	2005	53260	3260	2	21	328270	6048918	13J12	5.0	.5	9.5	.02	71	.1	.2	6.1	1345	2.7	26
6222899	6253261	5	2005	53261	3261	0	21	325268	6047482	13J12	8.1	.5	6.2	.02	141	.1	.2	7.4	2521	4.2	56
6222901	6253262	5	2005	53262	3262	0	21	319625	6048631	13J12	4.4	.5	6.1	.02	31	.1	.2	4.3	606	2.8	9
6222902	6253263	5	2005	53263	3263	0	21	316538	6049161	13J12	3.1	.5	4.5	.02	37	.1	.2	5.4	561	8.5	14
6222903	6253264	5	2005	53264	3264	0	21	319303	6050110	13J12	3.3	.5	3.3	.02	81	.1	.6	2.8	1000	.1	13
6222904	6253265	5	2005	53265	3265	0	21	321490	6051689	13J12	8.0	.5	17.0	.02	60	.1	1.3	7.4	1193	11.9	54
6222905	6253266	5	2005	53266	3266	0	21	320479	6053355	13J12	9.3	.5	33.2	.02	93	.1	3.7	26.4	1048	84.2	47
6222906	6253267	5	2005	53267	3267	0	21	320888	6054756	13J12	4.4	.5	6.5	.02	31	.1	.2	8.4	493	7.5	12
6222907	6253268	5	2005	53268	3268	0	21	322118	6055376	13J12	5.5	.5	9.4	.02	87	.1	.2	7.8	1308	17.0	46
6222908	6253269	5	2005	53269	3269	0	21	321516	6056350	13J12	8.6	.5	28.0	.02	73	.1	2.0	17.0	913	73.1	65
6222909	6253270	5	2005	53270	3270	0	21	320649	6058629	13J12	8.4	.5	11.1	.02	76	.1	.2	5.6	1445	13.6	50
6222911	6253271	5	2005	53271	3271	0	21	323128	6060563	13J12	14.1	.5	9.8	.02	243	.1	.2	9.9	2241	3.6	51
6222912	6253272	5	2005	53272	3272	0	21	323504	6062837	13J12	2.9	.5	4.0	.02	32	1.9	.2	7.0	528	2.2	10
6222913	6253273	5	2005	53273	3273	0	21	323195	6064697	13J12	2.5	.5	2.0	.02	46	.1	.2	1.4	395	.1	31
6222914	6253274	5	2005	53274	3274	0	21	323522	6066207	13J12	2.8	.5	4.7	.02	34	.1	.2	3.5	345	2.2	29
6222915	6253275	5	2005	53275	3275	0	21	327108	6068198	13J12	2.8	.5	7.6	.02	34	.1	.2	6.1	427	4.9	20
6222916	6253276	5	2005	53276	3276	0	21	328590	6069323	13J12	6.1	.5	19.0	.02	32	.1	1.9	14.0	683	11.0	74

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	sc2	se1	sm1	sr1	sr2	ta1	tb1	th1	ti2	u1	v2
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6222921	6253280	5	2005	53280	3280	2	21	323457	6058415	13J12	6.3	.5	15.0	.02	140	.1	1.8	14.0	1798	46.0	38
6222922	6253281	5	2005	53281	3281	0	21	325663	6057142	13J12	3.3	.5	4.5	.02	68	.1	.2	3.8	911	13.6	10
6222923	6253282	5	2005	53282	3282	0	21	326571	6057165	13J12	4.3	.5	5.5	.02	65	.1	.2	5.7	956	13.6	18
6222924	6253283	5	2005	53283	3283	0	21	325602	6056545	13J12	5.6	.5	6.0	.10	91	.1	.2	5.1	1443	13.6	34
6222925	6253284	5	2005	53284	3284	0	21	322971	6054772	13J12	6.7	.5	13.6	.02	39	.1	.2	10.2	794	8.5	48
6222926	6253285	5	2005	53285	3285	0	21	322113	6053545	13J12	5.9	.5	11.1	.02	36	.1	1.1	10.2	715	11.9	29
6222927	6253286	5	2005	53286	3286	0	21	324461	6052619	13J12	5.1	.5	5.9	.02	45	.1	.2	3.9	793	2.5	24
6222928	6253287	5	2005	53287	3287	0	21	325463	6053337	13J12	7.7	.5	9.4	.02	58	.1	.2	7.4	1036	5.1	81
6222929	6253288	5	2005	53288	3288	0	21	324689	6050124	13J12	2.2	.5	2.8	.02	24	.1	.2	2.0	394	.1	12
6222931	6253289	5	2005	53289	3289	0	21	326838	6050728	13J12	3.9	.5	7.8	.02	50	.1	.2	3.9	929	1.4	28
6222932	6253290	5	2005	53290	3290	0	21	327376	6051835	13J12	1.3	.5	1.9	.02	18	.1	.2	1.9	229	.1	5
6222933	6253291	5	2005	53291	3291	0	21	329031	6050550	13J12	3.6	.5	7.9	.02	41	.1	.6	3.1	397	4.2	6
6222934	6253292	5	2005	53292	3292	0	21	330807	6050788	13J12	5.9	.5	11.0	.02	72	.1	.2	6.7	1573	4.2	61
6222935	6253293	5	2005	53293	3293	0	21	333733	6050263	13J12	8.6	.5	4.9	.02	278	.1	.2	4.3	3319	.1	48
6222936	6253294	5	2005	53294	3294	0	21	337989	6053557	13J12	3.7	.5	10.0	.02	36	.1	.2	4.8	527	.1	46
6222937	6253295	5	2005	53295	3295	0	21	336240	6051754	13J12	6.0	.5	12.0	.02	79	.1	.9	11.0	1621	4.3	63
6222938	6253296	5	2005	53296	3296	0	21	334823	6051700	13J12	3.3	.5	3.4	.02	60	.1	.2	3.2	1200	1.3	27
6222939	6253297	5	2005	53297	3297	0	21	333354	6051752	13J12	2.8	.5	4.3	.02	42	.1	.2	4.2	770	.1	29
6222941	6253298	5	2005	53298	3298	0	21	330862	6052761	13J12	3.2	.5	5.6	.02	48	.1	.2	4.0	781	2.1	17
6222942	6253299	5	2005	53299	3299	1	21	331560	6054786	13J12	4.3	.5	7.8	.02	62	.1	.2	4.2	1171	4.8	62
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6222944	6253301	5	2005	53301	3301	0	21	333274	6055579	13J12	4.1	.5	8.8	.02	51	.1	.2	4.6	1010	5.7	69
6222945	6253302	5	2005	53302	3302	0	21	334859	6055717	13J12	3.0	.5	16.0	.02	46	.1	1.4	6.7	464	7.4	26
6222946	6253303	5	2005	53303	3303	0	21	337925	6056812	13J12	11.4	.5	6.5	.02	350	.1	.2	5.0	3833	8.3	48
6222947	6253304	5	2005	53304	3304	0	21	338330	6058965	13J12	4.0	.5	9.8	.02	38	1.2	.8	4.8	738	4.3	45
6222948	6253305	5	2005	53305	3305	0	21	335166	6057362	13J12	2.3	.5	8.0	.02	34	.1	.2	3.3	344	5.8	9
6222949	6253306	5	2005	53306	3306	0	21	333330	6057353	13J12	7.2	.5	17.0	.02	87	.1	2.1	8.7	1475	9.7	67
6222951	6253307	5	2005	53307	3307	0	21	331498	6058253	13J12	5.9	.5	26.0	.02	57	.1	2.4	10.0	1096	23.0	37
6222952	6253308	5	2005	53308	3308	0	21	331072	6057713	13J12	3.1	.5	50.0	.02	51	.1	11.0	23.0	367	120.0	5
6222953	6253309	5	2005	53309	3309	0	21	328906	6057546	13J12	3.8	.5	15.0	.02	53	.1	1.9	8.1	703	24.0	21
6222954	6253310	5	2005	53310	3310	0	21	328301	6055772	13J12	4.3	.5	8.0	.02	73	.1	.2	7.0	539	12.0	49
6222955	6253311	5	2005	53311	3311	0	21	332240	6059509	13J12	5.3	.5	27.0	.02	70	.1	2.7	12.0	1167	41.0	27
6222956	6253312	5	2005	53312	3312	0	21	330901	6060357	13J12	6.3	.5	8.1	.02	96	2.6	.2	6.1	1175	11.0	54
6222957	6253313	5	2005	53313	3313	0	21	330089	6061549	13J12	4.8	.5	4.2	.02	99	.1	.2	5.6	1234	7.5	35
6222958	6253314	5	2005	53314	3314	0	21	328818	6061851	13J12	2.2	.5	4.5	.02	40	.1	.6	2.6	466	4.9	8
6222959	6253315	5	2005	53315	3315	0	21	332536	6061362	13J12	7.2	.5	4.3	.02	182	.1	.2	6.0	2244	2.0	43
6222961	6253316	5	2005	53316	3316	0	21	335967	6060914	13J12	7.1	.5	18.0	.02	86	.1	.2	9.2	1124	17.0	58
6222962	6253317	5	2005	53317	3317	0	21	338750	6061140	13J12	14.9	.5	8.1	.02	299	.1	1.1	5.3	4255	11.0	119
6222963	6253318	5	2005	53318	3318	0	21	335988	6063912	13J12	10.9	.5	7.6	.02	246	.1	1.0	4.9	3036	3.7	67
6222964	6253319	5	2005	53319	3319	1	21	334847	6064536	13J12	6.2	.5	9.9	.02	105	.1	.9	5.9	1573	9.8	54
6222965	6253320	5	2005	53320	3320	2	21	334847	6064536	13J12	6.5	.5	10.0	.02	112	.1	1.4	5.9	1655	9.2	54
6222966	6253321	5	2005	53321	3321	0	21	333047	6065175	13J12	8.1	.5	11.2	.02	183	.1	.2	8.0	2026	11.2	58
6222967	6253322	5	2005	53322	3322	0	21	332360	6064049	13J12	6.2	.5	13.6	.02	72	4.6	.2	10.4	881	9.6	38
6222968	6253323	5	2005	53323	3323	0	21	330922	6064061	13J12	3.8	.5	8.8	.02	46	.1	.2	6.8	731	11.2	22
6222969	6253324	5	2005	53324	3324	0	21	330093	6064787	13J12	8.4	.5	8.8	.02	147	.1	.2	8.0	2063	13.6	62
6222971	6253325	5	2005	53325	3325	0	21	335787	6066988	13J12	6.0	.5	11.2	.02	134	.1	1.5	10.4	2069	19.2	62
6222972	6253326	5	2005	53326	3326	0	21	333747	6068797	13J12	4.1	.5	9.6	.02	72	.1	.2	6.7	1270	26.4	21
6222973	6253327	5	2005	53327	3327	0	21	331315	6069899	13J12	4.8	.5	7.0	.02	46	.1	.2	4.8	595	8.8	24
6222974	6253328	5	2005	53328	3328	0	21	332661	6070806	13J13	2.5	.5	5.8	.02	44	.1	.2	5.5	467	10.4	12
6222975	6253329	5	2005	53329	3329	0	21	331548	6071685	13J13	4.2	.5	10.4	.02	34	.1	.2	6.1	638	12.8	50
6222976	6253330	5	2005	53330	3330	0	21	328773	6098724	13O04	10.8	.5	6.5	.02	284	.1	.2	7.0	3548	.1	82
6222977	6253331	5	2005	53331	3331	0	21	330568	6098318	13O04	8.3	.5	8.3	.02	197	.1	.2	8.6	3011	6.2	104
6222978	6253332	5	2005	53332	3332	0	21	330873	6099831	13O04	7.0	.5	7.7	.02	181	.1	.2	7.5	2363	4.1	57
6222979	6253333	5	2005	53333	3333	0	21	332302	6101089	13O04	9.1	.5	4.9	.02	214	.1	.2	7.1	3398	7.3	67
6222981	6253334	5	2005	53334	3334	0	21	333704	6101639	13O04	11.8	.5	8.1	.02	288	3.0	.2	10.4	3743	6.8	114
6222982	6253335	5	2005	53335	3335	0	21	333165	6105097	13O04	7.6	.5	11.4	.02	148	.1	.2	9.1	2793	31.4	132
6222983	6253336	5	2005	53336	3336	0	21	335390	6106611	13O04	11.5	.5	9.1	.02	285	.1	.2	11.4	3720	8.0	110
6222984	6253337	5	2005	53337	3337	0	21	337447	6108780	13O04	10.1	.5	3.8	.02	357	.1	.5	3.8	3776	1.9	51
6222985	6253338	5	2005	53338	3338	0	21	339330	6110230	13O04	8.8	.5	7.2	.02	246	.1	.2	6.1	3400	8.6	85
6222988	6253341	5	2005	53341	3341	0	21	339418	6115027	13O04	9.4	.5	4.5	.02	353	.1	.2	5.0	3386	1.5	48
6222989	6253342	5	2005	53342	3342	0	21	338857	6116293	13O04	8.5	.5	10.0	.02	226	.1	.2	11.0	3187	53.0	61
6222991	6253343	2	2005	53343	3343	0	21	339732	6118226	13O04	7.9	.5	3.4	.02	247	.1	.2	3.5	2777	1.7	50
6222992	6253344	5	2005	53344	3344	0	21	337364	6115912	13O04	8.8	.5	4.9	.02	347	.1	.2	4.7	3083	1.9	43
6222993	6253345	5	2005	53345	3345	0	21	337194	6114000	13O04	10.4	.5	3.7	.02	347	.1	.2	3.7	3803	9.0	55
#NULL!	6273346	7	2005	73346	3346	0	21	335999	6113466	13O04	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!
6222995	6253347	5	2005	53347	3347	0	21	337440	6112299	13O04	10.2	.5	5.9	.02	263	.1	.2	7.5	3568	5.6	66

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	sc2	se1	sm1	sr1	sr2	ta1	tb1	th1	ti2	u1	v2
6222996	6253348	5	2005	53348	3348	0	21	335183	6111484	13O04	6.5	.5	5.6	.02	182	.1	.7	5.8	2155	14.0	29
6222997	6253349	5	2005	53349	3349	0	21	333371	6111817	13O04	7.7	.5	4.3	.02	203	.1	.2	4.7	2913	3.6	43
6222998	6253350	5	2005	53350	3350	0	21	335832	6109573	13O04	10.5	.5	5.1	.02	294	.1	.2	6.1	3805	5.3	61
6222999	6253351	5	2005	53351	3351	0	21	335214	6107906	13O04	9.3	.5	4.3	.02	275	.1	.2	4.9	3410	7.2	51
6223001	6253352	5	2005	53352	3352	0	21	333707	6106305	13O04	7.8	.5	4.9	.02	216	.1	.2	4.1	2609	8.7	59
6223002	6253353	5	2005	53353	3353	0	21	332837	6106767	13O04	8.9	.5	4.0	.13	253	.1	.2	3.8	3028	2.8	56
6223003	6253354	5	2005	53354	3354	0	21	332016	6105799	13O04	7.9	.5	6.1	.02	163	.1	.2	5.8	2751	4.1	70
6223004	6253355	5	2005	53355	3355	0	21	331631	6103707	13O04	10.3	.5	6.9	.02	294	.1	.2	6.8	3375	3.4	65
6223005	6253356	5	2005	53356	3356	0	21	330997	6102399	13O04	12.7	.5	7.0	.02	329	.1	.2	8.4	4273	2.3	107
6223006	6253357	5	2005	53357	3357	0	21	324833	6099081	13O04	6.5	.5	4.7	.02	130	.1	.2	3.9	2408	.1	52
6223007	6253358	5	2005	53358	3358	0	21	325972	6100833	13O04	14.5	.5	5.3	.02	317	.1	.2	7.6	4416	3.7	101
6223008	6253359	5	2005	53359	3359	0	21	328024	6102944	13O04	6.0	.5	8.3	.02	106	.1	.2	7.1	2292	4.3	98
6223009	6253360	5	2005	53360	3360	0	21	329147	6103944	13O04	8.5	.5	10.4	.02	151	.1	.2	9.1	2800	6.7	96
6223011	6253361	5	2005	53361	3361	0	21	330077	6106016	13O04	9.0	.5	3.9	.02	221	.1	.2	3.8	2809	.1	56
6223012	6253362	5	2005	53362	3362	0	21	330078	6106016	13O04	8.8	.5	3.7	.02	221	.1	.2	4.4	2752	.1	55
6223013	6253363	5	2005	53363	3363	0	21	328256	6105703	13O04	8.2	.5	7.1	.02	156	.1	.2	6.0	2753	3.1	93
6223014	6253364	5	2005	53364	3364	0	21	327559	6103489	13O04	9.6	.5	4.3	.02	215	.1	.2	3.7	3168	2.0	75
6223015	6253365	5	2005	53365	3365	0	21	325847	6103770	13O04	4.6	.5	3.6	.02	83	.1	.2	2.5	1460	.1	37
6223039	6253366	5	2005	53366	3366	0	21	323244	6103690	13O04	13.8	.5	11.3	.02	214	.1	1.2	9.0	3343	4.0	151
6223041	6253367	5	2005	53367	3367	0	21	322548	6102053	13O04	8.5	.5	11.3	.02	120	.1	1.4	8.3	2244	2.1	97
6223042	6253368	5	2005	53368	3368	0	21	323422	6099770	13O04	4.5	.5	5.6	.02	78	.1	.2	4.3	1747	2.1	75
6223043	6253369	5	2005	53369	3369	0	21	316210	6097728	13J13	7.7	.5	5.7	.02	241	.1	.2	5.5	2922	2.5	58
6223044	6253370	5	2005	53370	3370	0	21	317427	6097261	13J13	4.8	.5	4.3	.02	106	.1	.2	4.5	1793	1.3	36
6223045	6253371	5	2005	53371	3371	0	21	319421	6097458	13J13	7.1	.5	3.8	.02	143	.1	.2	4.6	2529	3.8	51
6223046	6253372	5	2005	53372	3372	0	21	323463	6097376	13J13	5.8	.5	9.8	.02	74	.1	.9	8.3	1871	12.8	103
6223047	6253373	5	2005	53373	3373	0	21	322866	6093242	13J13	2.6	.5	2.5	.02	31	.1	.2	3.2	354	1.4	7
6223048	6253374	5	2005	53374	3374	0	21	322416	6091223	13J13	5.7	.5	4.4	.02	107	2.3	.2	3.3	1762	1.3	44
6223049	6253375	5	2005	53375	3375	0	21	318713	6091713	13J13	5.5	.5	21.8	.02	45	1.4	1.7	6.4	868	9.8	52
6223051	6253376	5	2005	53376	3376	0	21	316230	6091955	13J13	3.5	.5	5.8	.02	62	.1	.2	3.7	868	2.2	33
6223052	6253377	5	2005	53377	3377	0	21	319744	6091825	13J13	7.1	.5	12.0	.02	125	.1	.2	11.3	1980	12.0	54
6223053	6253378	5	2005	53378	3378	0	21	319771	6099023	13O04	4.2	.5	2.5	.02	121	.1	.2	2.5	1621	.1	24
6223054	6253379	5	2005	53379	3379	0	21	320615	6100795	13O04	5.2	.5	9.8	.02	47	1.3	1.1	6.4	1419	4.2	71
6223055	6253380	5	2005	53380	3380	0	21	320615	6100795	13O04	4.9	.5	9.8	.02	44	.1	.6	6.1	1283	3.8	63
6223056	6253381	5	2005	53381	3381	0	21	319162	6100849	13O04	2.3	.5	2.1	.02	46	.1	.2	2.9	949	3.5	19
6223057	6253382	5	2005	53382	3382	0	21	317992	6101423	13O04	4.3	.5	6.8	.02	51	.1	.2	6.2	1512	5.1	69
6223058	6253383	5	2005	53383	3383	0	21	317260	6102191	13O04	4.8	.5	9.0	.02	50	1.8	.2	9.0	1330	10.5	84
6223059	6253384	5	2005	53384	3384	0	21	318456	6103845	13O04	5.1	.5	8.3	.02	69	.1	.2	6.8	1657	7.5	78
6223061	6253385	5	2005	53385	3385	0	21	319925	6105210	13O04	3.7	.5	8.3	.02	56	.1	.2	5.5	1439	5.8	42
6223062	6253386	5	2005	53386	3386	0	21	321927	6104593	13O04	5.1	.5	13.5	.02	62	.1	.2	10.5	1349	6.1	67
6223063	6253387	5	2005	53387	3387	0	21	321457	6106429	13O04	3.8	.5	9.8	.02	38	.1	1.1	7.1	816	8.3	39
6223064	6253388	5	2005	53388	3388	0	21	322041	6107386	13O04	2.6	.5	6.5	.02	59	.1	1.2	5.4	937	7.3	23
6223065	6253389	5	2005	53389	3389	0	21	323553	6106912	13O04	5.1	.5	12.8	.02	43	1.7	.2	12.0	925	8.3	47
6223066	6253390	5	2005	53390	3390	0	21	323221	6108350	13O04	3.6	.5	9.8	.02	40	.1	1.8	7.5	1271	12.8	71
6223067	6253391	5	2005	53391	3391	0	21	325017	6107665	13O04	5.6	.5	9.0	.02	144	.1	1.4	8.3	2434	27.0	39
6223068	6253392	5	2005	53392	3392	0	21	326500	6107189	13O04	7.6	.5	5.3	.02	192	1.4	.2	6.3	3102	9.8	53
6223069	6253393	5	2005	53393	3393	0	21	327360	6108920	13O04	11.5	.5	9.8	.02	322	.1	1.3	9.8	3904	23.3	63
6223071	6253394	5	2005	53394	3394	0	21	331472	6108942	13O04	.9	.5	1.8	.02	61	.1	.2	1.5	189	.1	6
6223072	6253395	5	2005	53395	3395	0	21	329492	6109909	13O04	4.9	.5	18.0	.02	117	.1	2.5	36.0	1787	58.5	73
6223073	6253396	5	2005	53396	3396	0	21	328594	6110708	13O04	6.1	.5	12.0	.02	123	.1	1.5	11.3	3086	82.5	66
6223074	6253397	5	2005	53397	3397	0	21	326956	6109901	13O04	5.8	.5	19.5	.02	90	1.2	3.2	21.8	1953	113.0	68
6223075	6253398	5	2005	53398	3398	0	21	332105	6115919	13O04	9.2	.5	7.5	.02	243	.1	1.0	12.0	3049	9.0	101
6223076	6253399	5	2005	53399	3399	1	21	326682	6113689	13O04	3.6	.5	16.5	.02	106	1.2	3.8	20.3	1340	57.8	33
6223077	6253400	5	2005	53400	3400	2	21	326682	6113689	13O04	3.9	.5	11.4	.02	114	.1	1.7	17.1	1458	61.8	35
6223078	6253401	5	2005	53401	3401	0	21	324251	6113003	13O04	2.8	.5	7.8	.02	54	.1	.2	19.0	1564	28.5	29
6223079	6253402	5	2005	53402	3402	0	21	325074	6111058	13O04	4.1	.5	13.3	.02	86	.1	3.9	18.0	1722	105.0	41
6223081	6253403	5	2005	53403	3403	0	21	319846	6109053	13O04	8.3	.5	1.7	.02	344	.1	.2	1.5	3381	.1	45
6223082	6253404	5	2005	53404	3404	0	21	318738	6107628	13O04	4.2	.5	6.9	.02	85	.1	.7	6.5	1467	6.1	76
6223083	6253405	5	2005	53405	3405	0	21	316827	6106136	13O04	11.4	.5	2.7	.02	356	.1	.2	4.8	4528	1.3	78
6223084	6253406	5	2005	53406	3406	0	21	317270	6104763	13O04	3.3	.5	3.2	.02	49	.1	.2	3.5	1199	4.2	57
6223085	6253407	5	2005	53407	3407	0	21	315468	6103642	13O04	5.4	.5	3.9	.02	132	.1	.2	4.6	2533	6.9	73
6223086	6253408	5	2005	53408	3408	0	21	316490	6100236	13O04	3.1	.5	3.2	.02	50	.1	.2	2.8	1115	2.7	43
6223087	6253409	5	2005	53409	3409	0	21	315297	6100373	13O04	3.7	.5	2.8	.02	85	.1	.2	3.3	1615	5.1	57
6223088	6253410	5	2005	53410	3410	0	21	314277	6101050	13O04	2.4	.5	2.0	.02	47	.1	.2	2.9	1010	2.6	26
6223089	6253411	5	2005	53411	3411	0	21	312761	6099032	13O04	6.3	.5	10.0	.02	109	.1	.2	9.6	2027	10.0	79
6223091	6253412	5	2005	53412	3412	0	21	312307	6102657	13O04	5.8	.5	4.3	.02	129	1.8	.2	5.2	2422	8.0	64
6223092	6253413	5	2005	53413	3413	0	21	313882	6104580	13O04	6.8	.5	9.2	.02	144	.1	.2	11.0	2057	8.4	71
6223093	6253414	5	2005	53414	3414	0	21	315220	6105951	13O04	8.5	.5	8.5	.02	226	.1	.2	8.4	3219	8.6	120
6223094	6253415	5	2005	53415	3415	0	21	316221	6108119	13O04	7.1	.5	2.7	.02	295	.1	.2	4.0	3514	1.8	49
6223095	6253416	5	2005	53416	3416	0	21	318483	6110428	13O04	2.7	.5	1.8	.02	64	.1	.2	2.8	1587	2.2	44

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	sc2	se1	sm1	sr1	sr2	ta1	tb1	th1	ti2	u1	v2
6223096	6253417	5	2005	53417	3417	0	21	316922	6110084	13O04	8.8	.5	2.8	.02	353	.1	.2	4.7	4212	5.0	63
6223097	6253418	5	2005	53418	3418	0	21	314888	6110864	13O04	5.6	.5	2.9	.02	184	.1	.2	4.1	2617	25.0	25
6223098	6253419	5	2005	53419	3419	1	21	314439	6112346	13O04	7.7	.5	3.1	.02	205	2.5	.2	4.9	3585	12.0	85
6223099	6253420	5	2005	53420	3420	2	21	314439	6112346	13O04	7.8	.5	3.9	.02	214	.1	.2	4.7	3636	9.4	92
6223101	6253421	5	2005	53421	3421	0	21	311780	6111825	13O04	8.7	.5	3.1	.02	311	.1	.2	3.4	3913	.9	48
6223102	6253422	5	2005	53422	3422	0	21	312240	6108625	13O04	3.8	.5	5.1	.02	67	.1	.2	3.8	1809	18.0	43
6223103	6253423	5	2005	53423	3423	0	21	313858	6108500	13O04	5.2	.5	8.7	.08	55	.1	.2	6.8	2133	39.0	91
6223104	6253424	5	2005	53424	3424	0	21	313742	6106304	13O04	6.6	.5	2.8	.02	348	.1	.2	3.2	3435	3.2	39
6223105	6253425	5	2005	53425	3425	0	21	311860	6104584	13O04	4.4	.5	7.8	.02	99	.1	.2	7.4	1618	13.0	70
6223106	6253426	5	2005	53426	3426	0	20	669969	6100398	13N01	6.8	.5	2.8	.02	157	.1	.2	1.8	2820	3.1	43
6223107	6253427	5	2005	53427	3427	0	20	670870	6101300	13N01	8.4	.5	3.5	.02	145	.1	.2	3.7	3147	6.6	70
6223108	6253428	5	2005	53428	3428	0	20	668994	6101537	13N01	9.1	.5	4.1	.02	164	.1	.2	4.1	3445	2.4	65
6223109	6253429	5	2005	53429	3429	0	20	669782	6103550	13N01	14.9	.5	5.6	.02	276	.1	.2	6.4	5289	.1	112
6223111	6253430	5	2005	53430	3430	0	20	671670	6104829	13N01	13.9	.5	4.6	.02	290	.1	.2	5.8	5080	.1	92
6223112	6253431	5	2005	53431	3431	0	20	672121	6105720	13N01	7.2	.5	2.6	.02	133	.1	.2	4.0	2765	.1	47
6223113	6253432	5	2005	53432	3432	0	20	673512	6106966	13N01	7.7	.5	1.9	.02	188	.1	.2	1.9	3234	1.3	54
6223114	6253433	5	2005	53433	3433	0	20	674010	6108526	13N01	3.8	.5	4.1	.02	37	.1	.2	3.7	1169	4.0	70
6223115	6253434	5	2005	53434	3434	0	20	675610	6109364	13N01	10.5	.5	4.3	.02	201	.1	.2	4.8	3828	.1	76
6223116	6253435	5	2005	53435	3435	0	20	676300	6109942	13N01	10.7	.5	3.3	.02	233	.1	.2	3.3	4223	.9	67
6223117	6253436	5	2005	53436	3436	0	20	676630	6112483	13N01	15.3	.5	5.1	.02	286	.1	.2	7.1	5157	1.0	108
6223118	6253437	5	2005	53437	3437	0	20	678453	6112704	13N01	9.2	.5	3.2	.08	160	.1	.2	4.0	3543	2.1	71
6223119	6253438	5	2005	53438	3438	0	20	680548	6114850	13N01	9.4	.5	2.7	.02	168	.1	.2	4.0	3906	.1	66
6223121	6253439	5	2005	53439	3439	1	20	681845	6116200	13N01	7.9	.5	2.6	.02	173	.1	.2	2.7	3104	4.5	61
6223122	6253440	5	2005	53440	3440	2	20	681845	6116206	13N01	7.3	.5	2.6	.02	149	.1	.2	2.7	2903	5.2	56
6223123	6253441	5	2005	53441	3441	0	20	681916	6117635	13N01	10.0	.5	2.8	.02	242	.1	.2	3.3	4039	13.0	70
6223124	6253442	5	2005	53442	3442	0	20	681107	6118569	13N01	9.7	.5	3.4	.02	202	.1	.2	3.7	3670	8.4	92
6223125	6253443	5	2005	53443	3443	0	20	681226	6120100	13N01	9.6	.5	3.7	.02	215	.1	.2	3.9	3300	6.9	84
6223126	6253444	5	2005	53444	3444	0	20	682896	6120584	13N01	9.0	.5	2.8	.02	238	.1	.2	3.1	3554	.1	54
6223127	6253445	5	2005	53445	3445	0	20	683965	6120866	13N01	9.1	.5	2.8	.02	219	.1	.2	3.3	3525	.1	62
6223128	6253446	5	2005	53446	3446	0	20	684022	6121811	13N01	7.7	.5	2.9	.02	184	.1	.2	2.7	3114	3.5	83
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6223131	6253448	5	2005	53448	3448	0	20	684798	6123570	13N01	12.1	.5	4.5	.02	252	.1	.2	5.5	4268	3.1	94
6223132	6253449	5	2005	53449	3449	0	20	683857	6124412	13N01	13.0	.5	4.5	.02	280	.1	.2	4.9	4359	1.6	95
6223133	6253450	5	2005	53450	3450	0	20	678110	6125208	13N01	11.2	.5	3.8	.02	286	.1	.2	4.6	4261	1.5	93
6223134	6253451	5	2005	53451	3451	0	20	677149	6124815	13N01	10.8	.5	2.8	.02	307	.1	.2	2.9	4558	1.7	64
6223135	6253452	5	2005	53452	3452	0	20	677895	6121899	13N01	9.1	.5	4.8	.02	195	.1	.2	4.8	3282	2.1	91
6223136	6253453	5	2005	53453	3453	0	20	677852	6120815	13N01	9.0	.5	3.0	.02	225	.1	.2	3.0	3162	2.2	55
6223137	6253454	5	2005	53454	3454	0	20	677225	6120280	13N01	9.1	.5	6.3	.02	150	.1	.7	5.0	3079	2.8	82
6223138	6253455	5	2005	53455	3455	0	20	677715	6116724	13N01	9.4	.5	3.5	.02	242	.1	.2	4.2	3462	.1	53
6223139	6253456	5	2005	53456	3456	0	20	679008	6115939	13N01	7.3	.5	4.2	.02	124	.1	.2	3.3	2866	4.6	78
6223141	6253457	5	2005	53457	3457	0	20	677000	6114100	13N01	8.0	.5	3.9	.02	136	.1	.2	4.1	2770	3.3	75
6223142	6253458	5	2005	53458	3458	0	20	675543	6112510	13N01	8.5	.5	3.4	.02	163	.1	.2	3.7	3274	1.7	66
6223143	6253459	5	2005	53459	3459	1	20	673769	6110240	13N01	5.9	.5	4.3	.02	112	.1	.2	3.7	2150	.1	46
6223144	6253460	5	2005	53460	3460	2	20	673769	6110240	13N01	5.8	.5	4.8	.02	104	.1	.2	3.7	2009	2.2	62
6223145	6253461	5	2005	53461	3461	0	20	672121	6108087	13N01	4.8	.5	2.1	.02	101	.1	.2	2.2	1875	1.6	29
6223146	6253462	5	2005	53462	3462	0	20	670480	6104824	13N01	10.8	.5	3.6	.02	257	.1	.2	3.1	4058	1.3	67
6223147	6253463	5	2005	53463	3463	0	20	667061	6098782	13N01	7.8	2.0	5.7	.02	128	.1	.2	3.0	2784	4.2	92
6223148	6253464	5	2005	53464	3464	0	20	666983	6097341	13K16	7.0	.5	2.3	.02	159	.1	.2	1.9	2890	1.8	53
6223149	6253465	5	2005	53465	3465	0	20	672162	6092773	13K16	8.4	.5	4.5	.02	138	.1	.2	3.9	3235	8.4	63
6223151	6253466	5	2005	53466	3466	0	20	675093	6091404	13K16	4.6	.5	4.8	.02	96	.1	.2	2.8	2063	4.7	38
6223152	6253467	5	2005	53467	3467	0	20	676276	6091164	13K16	6.3	.5	8.0	.02	60	.1	.9	3.3	521	24.7	28
6223153	6253468	5	2005	53468	3468	0	20	678945	6090055	13K16	3.8	.5	5.5	.02	42	.1	.2	4.3	1108	8.7	48
6223154	6253469	5	2005	53469	3469	0	20	682347	6088580	13K16	3.2	.5	4.3	.02	53	.1	.2	5.4	1114	5.1	19
6223155	6253470	5	2005	53470	3470	0	20	686381	6088116	13K16	3.7	.5	5.9	.02	47	.1	.2	4.5	769	12.0	29
6223156	6253471	5	2005	53471	3471	0	20	688868	6089040	13K16	6.8	.5	12.0	.02	68	2.4	.2	8.5	1615	22.0	78
6223157	6253472	5	2005	53472	3472	0	20	690065	6089294	13K16	2.3	.5	2.0	.02	62	.1	.2	2.6	1064	2.8	10
6223158	6253473	5	2005	53473	3473	0	21	308388	6091165	13J13	3.1	.5	6.0	.02	58	.1	.2	4.0	1054	4.7	40
6223159	6253474	5	2005	53474	3474	0	20	664587	6098593	13N01	8.4	.5	10.0	.02	47	.1	1.1	3.9	1629	2.2	65
6223161	6253475	5	2005	53475	3475	0	20	666040	6101514	13N01	8.7	.5	3.8	.02	168	.1	.2	3.9	3390	2.4	56
6223162	6253476	5	2005	53476	3476	0	20	666940	6104438	13N01	9.6	.5	3.3	.02	219	.1	.2	4.1	3707	1.5	64
6223163	6253477	5	2005	53477	3477	0	20	668707	6109395	13N01	5.2	.5	1.6	.02	121	.1	.2	2.1	1956	1.8	28
6223164	6253478	5	2005	53478	3478	0	20	671531	6110777	13N01	9.7	.5	6.0	.02	206	.1	.2	6.0	3333	.1	95
6223165	6253479	5	2005	53479	3479	0	20	672511	6114154	13N01	9.0	.5	7.1	.02	163	.1	.2	5.4	2775	3.3	94
6223167	6253481	5	2005	53481	3481	0	20	674647	6116096	13N01	6.4	.5	6.2	.02	94	.1	1.7	4.7	2193	2.5	76
6223168	6253482	5	2005	53482	3482	0	20	674392	6117209	13N01	7.0	.5	8.1	.02	126	.1	.2	6.8	2508	6.7	103
6223169	6253483	5	2005	53483	3483	0	20	672304	6116872	13N01	8.6	.5	6.0	.02	146	.1	.2	5.8	2826	4.4	81
6223171	6253484	5	2005	53484	3484	0	20	672917	6119530	13N01	12.7	.5	5.9	.02	269	.1	.2	9.3	4552	3.8	98
6223172	6253485	5	2005	53485	3485	0	20	673563	6121609	13N01	11.3	.5	5.9	.02	282	.1	.2	6.8	4180	.1	87
6223173	6253486	5	2005	53486	3486	0	20	671760	6121662	13N01	5.9	.5	4.7	.02	80	.1	.9	3.1	2066	6.4	99

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	sc2	se1	sm1	sr1	sr2	ta1	tb1	th1	ti2	u1	v2
6223174	6253487	5	2005	53487	3487	0	20	670606	6119471	13N01	7.1	.5	3.7	.02	143	.1	.2	2.8	2854	.1	59
6223175	6253488	5	2005	53488	3488	0	20	670288	6117839	13N01	11.1	.5	4.0	.02	283	.1	.2	5.3	4617	2.0	82
6223176	6253489	5	2005	53489	3489	0	20	670238	6116543	13N01	8.2	.5	3.6	.02	176	.1	.2	4.3	3373	2.9	58
6223177	6253490	5	2005	53490	3490	0	20	671354	6115377	13N01	6.9	.5	6.5	.02	111	1.7	.6	4.4	2408	5.6	100
6223178	6253491	5	2005	53491	3491	0	20	669232	6115232	13N01	9.5	.5	3.8	.02	201	.1	.2	4.8	3817	2.7	71
6223179	6253492	5	2005	53492	3492	0	20	669111	6112108	13N01	10.1	.5	3.3	.10	218	.1	1.7	3.4	3288	1.5	73
6223181	6253493	5	2005	53493	3493	0	20	668679	6111304	13N01	5.4	.5	4.8	.02	84	.1	1.1	5.4	1919	2.8	43
6223182	6253494	5	2005	53494	3494	0	20	666965	6109479	13N01	7.4	.5	3.5	.02	172	.1	.2	5.0	2942	.1	44
6223183	6253495	5	2005	53495	3495	0	20	666986	6110555	13N01	5.1	.5	4.8	.02	84	.1	.2	4.4	1692	2.9	42
6223184	6253496	5	2005	53496	3496	0	20	667043	6112859	13N01	3.7	.5	3.9	.02	44	.1	.2	3.4	771	2.5	24
6223185	6253497	5	2005	53497	3497	0	20	665210	6112011	13N01	5.1	.5	2.8	.02	135	.1	.2	2.9	1943	3.0	36
6223186	6253498	5	2005	53498	3498	0	20	663160	6112261	13N01	2.9	.5	1.6	.02	44	.1	.2	1.5	928	.1	23
6223187	6253499	5	2005	53499	3499	1	20	662508	6110119	13N01	6.9	.5	6.9	.02	132	.1	.2	3.1	2145	2.7	82
6223188	6253500	5	2005	53500	3500	2	20	662508	6110119	13N01	4.9	.5	4.6	.02	54	3.0	.2	3.2	1197	2.3	82
6223189	6253501	5	2005	53501	3501	0	20	664585	6110250	13N01	11.4	.5	7.3	.02	266	.1	.2	8.7	4045	1.9	96
6223191	6253502	5	2005	53502	3502	0	20	664447	6107848	13N01	6.2	.5	3.7	.02	147	.1	.2	3.6	2351	2.3	57
6223192	6253503	5	2005	53503	3503	0	20	660064	6106296	13N01	8.2	.5	3.4	.02	192	.1	.2	3.8	3169	4.8	57
6223193	6253504	5	2005	53504	3504	0	20	663691	6104181	13N01	5.8	.5	4.9	.02	92	.1	.2	3.7	2060	3.0	54
6223194	6253505	5	2005	53505	3505	0	20	661230	6102146	13N01	10.2	.5	5.5	.02	159	.1	.5	5.4	3922	2.8	79
6223195	6253506	5	2005	53506	3506	0	20	664980	6102884	13N01	10.2	.5	5.4	.02	194	.1	.2	6.1	4043	.1	79
6223196	6253507	5	2005	53507	3507	0	20	663978	6101482	13N01	11.0	.5	6.4	.02	210	.1	.2	6.9	4115	2.7	87
6223197	6253508	5	2005	53508	3508	0	20	663085	6098207	13N01	9.9	.5	3.4	.02	211	.1	.2	2.6	4241	.1	60
6223198	6253509	5	2005	53509	3509	0	20	660732	6099853	13N01	13.1	.5	5.3	.02	217	.1	.2	6.9	5366	.1	96
6223199	6253510	5	2005	53510	3510	0	20	660163	6097678	13N01	5.1	.5	4.6	.02	70	.1	.2	2.5	1662	5.6	58
6223201	6253511	5	2005	53511	3511	0	20	661081	6096641	13K16	7.8	.5	15.0	.02	85	.1	2.1	5.8	2402	7.1	84
6223202	6253512	5	2005	53512	3512	0	20	663243	6096686	13K16	5.4	.5	7.1	.02	46	.1	.2	2.6	1340	22.0	50
6223203	6253513	5	2005	53513	3513	0	20	660546	6093275	13K16	5.7	.5	7.3	.02	73	.1	.9	3.4	1712	4.8	48
6223204	6253514	5	2005	53514	3514	0	20	662942	6094282	13K16	5.3	.5	6.1	.02	68	.1	.7	2.9	1793	2.2	47
6223205	6253515	5	2005	53515	3515	0	20	660909	6091155	13K16	3.3	.5	4.1	.02	40	.1	.6	1.7	786	4.2	19
6223206	6253516	5	2005	53516	3516	0	20	661082	6084805	13K16	11.7	.5	4.8	.02	177	.1	.2	6.3	4744	.1	79
6223207	6253517	5	2005	53517	3517	0	20	665703	6081997	13K16	4.6	.5	6.5	.02	58	.1	.2	4.0	1027	2.7	22
6223208	6253518	5	2005	53518	3518	0	20	668177	6081994	13K16	3.8	.5	5.4	.02	41	.1	.2	2.6	890	3.4	32
6223209	6253519	5	2005	53519	3519	1	20	672965	6081499	13K16	7.8	.5	15.0	.02	44	.1	.2	12.0	1499	8.8	65
6223211	6253520	5	2005	53520	3520	2	20	672965	6081499	13K16	9.8	.5	17.0	.02	102	.1	1.4	13.0	2066	12.0	67
6223212	6253521	5	2005	53521	3521	0	20	676271	6080194	13K16	5.3	.5	7.7	.02	75	.1	.2	5.9	1692	8.8	50
6223213	6253522	5	2005	53522	3522	0	20	689627	6076037	13K16	10.9	.5	9.6	.02	144	.1	1.0	4.8	2062	8.3	73
6223214	6253523	5	2005	53523	3523	0	20	690313	6075665	13K16	3.3	.5	2.5	.02	32	.1	.2	2.4	571	2.1	19
6223215	6253524	5	2005	53524	3524	0	20	691214	6075618	13K16	5.1	.5	3.9	.02	78	.1	.2	3.7	1377	2.1	37
6223216	6253525	5	2005	53525	3525	0	20	692303	6074026	13K16	4.8	.5	9.6	.02	59	.1	.2	3.5	1192	2.1	58
6223217	6253526	5	2005	53526	3526	0	20	690742	6073132	13K16	5.6	.5	5.0	.02	62	.1	.2	3.9	1378	1.8	65
6223218	6253527	5	2005	53527	3527	0	20	689487	6072248	13K16	4.8	.5	6.6	.02	48	.1	.8	4.6	914	6.4	62
6223219	6253528	5	2005	53528	3528	0	20	687897	6072593	13K16	3.0	.5	4.4	.02	32	.1	.2	3.7	528	11.0	47
6223221	6253529	5	2005	53529	3529	0	20	685835	6072774	13K16	1.9	.5	6.5	.02	27	.1	.2	2.5	320	5.3	10
6223222	6253530	5	2005	53530	3530	0	20	682268	6072640	13K16	5.3	.5	9.4	.02	47	.1	.6	6.8	1082	15.0	65
6223223	6253531	5	2005	53531	3531	0	20	681522	6070985	13K16	3.7	.5	6.6	.02	38	.1	.2	3.9	606	6.0	48
6223224	6253532	5	2005	53532	3532	0	20	678452	6071721	13K16	6.3	.5	14.0	.02	66	.1	.2	11.0	1188	49.0	61
6223225	6253533	5	2005	53533	3533	0	20	677343	6070815	13K16	4.1	.5	5.9	.02	82	.1	.2	5.6	1144	18.0	36
6223226	6253534	5	2005	53534	3534	0	20	674588	6070793	13K16	13.7	.5	9.4	.02	187	.1	.2	11.0	4576	6.9	111
6223227	6253535	5	2005	53535	3535	0	20	672142	6071069	13K16	3.3	.5	4.2	.02	34	.1	.2	2.7	588	7.9	20
6223228	6253536	5	2005	53536	3536	0	20	669700	6070390	13K16	7.8	.5	8.9	.02	101	.1	.2	5.3	1750	15.0	56
6223229	6253537	5	2005	53537	3537	0	20	667234	6071066	13K16	5.4	.5	7.5	.02	41	.1	.2	4.8	798	7.2	36
6223231	6253538	5	2005	53538	3538	0	20	664760	6070426	13K16	4.6	.5	4.6	.02	58	.1	.2	3.2	1243	4.6	31
6223232	6253539	5	2005	53539	3539	1	20	665597	6072740	13K16	5.8	.5	4.1	.02	86	.1	.2	3.8	1614	3.2	35
6223233	6253540	5	2005	53540	3540	2	20	665597	6072740	13K16	5.4	.5	4.1	.02	76	.1	.2	4.2	1486	4.2	34
6223234	6253541	5	2005	53541	3541	0	20	666488	6074069	13K16	5.6	.5	7.8	.02	27	.1	.2	4.9	988	5.5	57
6223235	6253542	5	2005	53542	3542	0	20	669288	6073143	13K16	3.7	.5	5.5	.02	31	.1	.2	3.9	694	3.5	42
6223236	6253543	5	2005	53543	3543	0	20	671770	6072395	13K16	5.6	.5	7.2	.02	38	.1	1.0	5.0	853	13.5	46
6223237	6253544	5	2005	53544	3544	0	20	673839	6073235	13K16	5.4	.5	4.9	.02	83	.1	.2	4.4	1701	6.3	44
6223238	6253545	5	2005	53545	3545	0	20	676090	6073505	13K16	3.5	.5	6.9	.02	37	.1	.2	7.1	1095	7.7	52
6223239	6253546	5	2005	53546	3546	0	20	678710	6073735	13K16	12.1	.5	10.8	.02	292	.1	.2	12.6	4016	15.3	71
6223241	6253547	5	2005	53547	3547	0	20	680734	6073720	13K16	4.8	.5	9.0	.02	46	.1	.9	7.9	1060	12.6	55
6223242	6253548	5	2005	53548	3548	0	20	682997	6074074	13K16	7.4	.5	11.7	.02	64	.1	.2	9.0	1495	9.0	77
6223243	6253549	5	2005	53549	3549	0	20	684372	6075029	13K16	5.5	.5	10.8	.02	63	.1	.2	7.2	1002	5.2	44
6223244	6253550	5	2005	53550	3550	0	20	686372	6074534	13K16	3.7	.5	7.6	.02	29	.1	.7	5.1	407	5.6	12
6223245	6253551	5	2005	53551	3551	0	20	687211	6076253	13K16	5.7	.5	9.0	.02	49	.8	.2	4.9	618	9.9	26
6223246	6253552	5	2005	53552	3552	0	20	685463	6076123	13K16	11.2	.5	13.5	.02	157	.1	.2	10.8	1784	8.2	65
6223247	6253553	5	2005	53553	3553	0	20	683552	6076044	13K16	6.9	.5	13.5	.02	55	.1	.2	10.8	1223	23.4	62
6223248	6253554	5	2005	53554	3554	0	20	681050	6076019	13K16	4.8	.5	10.8	.02	77	.1	.2	9.9	1150	9.0	50
6223249	6253555	5	2005	53555	3555	0	20	678743	6075565	13K16	2.8	.5	3.4	.02	64	.1	.2	3.3	1165	4.8	31

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	sc2	se1	sm1	sr1	sr2	ta1	tb1	th1	ti2	u1	v2
6223251	6253556	5	2005	53556	3556	0	20	674420	6075896	13K16	5.4	.5	4.1	.02	93	.1	.2	4.1	1691	3.7	42
6223252	6253557	5	2005	53557	3557	0	20	671632	6075822	13K16	3.5	.5	5.2	.02	34	.1	.2	4.8	860	3.9	33
6223253	6253558	5	2005	53558	3558	0	20	669738	6074972	13K16	5.4	.5	7.3	.02	116	.1	.2	6.9	1469	7.0	41
6223254	6253559	5	2005	53559	3559	1	20	671500	6076895	13K16	4.9	.5	3.3	.02	83	.1	.2	3.7	1626	4.1	24
6223255	6253560	5	2005	53560	3560	2	20	671500	6076895	13K16	4.4	.5	2.8	.02	77	.1	.2	3.4	1542	2.7	21
6223256	6253561	5	2005	53561	3561	0	20	677215	6076765	13K16	6.4	.5	15.3	.02	69	.1	.2	9.9	1828	14.4	101
6223257	6253562	5	2005	53562	3562	0	20	680500	6078700	13K16	3.7	.5	6.6	.02	59	.1	.2	4.9	975	8.2	32
6223258	6253563	5	2005	53563	3563	0	20	682820	6079850	13K16	2.4	.5	4.9	.02	30	.1	.2	3.4	716	4.6	47
6223259	6253564	5	2005	53564	3564	0	20	685480	6078472	13K16	4.0	.5	7.8	.02	26	.1	.2	4.3	1101	9.0	56
6223261	6253565	5	2005	53565	3565	0	20	688334	6079160	13K16	6.1	.5	14.4	.02	29	.1	1.0	6.2	419	6.7	21
6223262	6253566	5	2005	53566	3566	0	20	689130	6080090	13K16	3.2	.5	5.7	.02	33	.1	.2	2.5	400	1.9	27
6223263	6253567	5	2005	53567	3567	0	20	689685	6065065	13K09	4.4	.5	22.5	.02	30	.1	1.5	9.0	540	117.0	25
6223264	6253568	5	2005	53568	3568	0	20	686190	6062127	13K09	7.2	.5	24.3	.02	83	.1	1.7	11.7	1648	29.7	52
6223265	6253569	5	2005	53569	3569	0	20	673750	6055691	13K09	8.3	.5	18.0	.02	115	.1	1.8	9.2	2423	16.0	63
6223266	6253570	5	2005	53570	3570	0	20	676151	6066709	13K09	13.0	.5	5.9	.02	258	1.2	.7	5.8	5182	1.3	87
6223267	6253571	5	2005	53571	3571	0	20	690259	6078853	13K16	6.1	.5	10.0	.02	32	.1	.7	4.4	660	4.2	41
6223268	6253572	5	2005	53572	3572	0	20	691262	6078748	13K16	7.5	.5	11.0	.02	55	.1	.9	3.6	1203	1.9	52
6223269	6253573	5	2005	53573	3573	0	20	691492	6080377	13K16	5.5	.5	12.0	.02	71	.1	.9	3.0	900	11.0	34
6223271	6253574	5	2005	53574	3574	0	20	691547	6084458	13K16	5.2	.5	13.0	.02	48	.1	.9	9.0	1098	8.6	58
6223272	6253575	5	2005	53575	3575	0	20	690224	6085490	13K16	5.8	.5	9.3	.02	101	.1	.2	5.5	1770	9.0	53
6223273	6253576	5	2005	53576	3576	0	20	688210	6083227	13K16	1.8	.5	7.5	.02	41	.1	.6	3.8	491	2.9	11
6223274	6253577	5	2005	53577	3577	0	20	686754	6082313	13K16	3.3	.5	9.2	.02	50	.1	.6	4.7	1132	11.0	45
6223275	6253578	5	2005	53578	3578	0	20	686790	6080592	13K16	3.1	.5	7.9	.02	74	1.6	.2	4.8	1004	13.0	16
6223276	6253579	5	2005	53579	3579	1	20	684036	6080613	13K16	3.2	.5	7.5	.02	46	.1	.2	5.6	911	12.6	42
6223277	6253580	5	2005	53580	3580	2	20	684036	6080613	13K16	2.9	.5	6.7	.02	46	.1	.2	5.5	882	11.7	36
6223278	6253581	5	2005	53581	3581	0	20	681642	6080880	13K16	6.4	.5	11.7	.02	44	.1	1.2	10.8	1433	19.8	65
6223279	6253582	5	2005	53582	3582	0	20	680017	6080247	13K16	4.8	.5	9.0	.02	55	.1	.2	6.4	949	22.5	38
6223281	6253583	5	2005	53583	3583	0	20	678748	6079788	13K16	2.8	.5	4.4	.02	42	.1	.2	3.5	887	8.2	21
6223282	6253584	5	2005	53584	3584	0	20	678580	6079023	13K16	2.9	.5	3.6	.02	42	.1	.2	2.7	880	11.7	21
6223283	6253585	5	2005	53585	3585	0	20	676274	6078379	13K16	3.6	.5	5.4	.02	43	1.4	.2	3.8	935	5.8	27
6223284	6253586	5	2005	53586	3586	0	20	673818	6079219	13K16	11.1	.5	18.0	.02	153	.1	.2	14.4	2656	26.1	81
6223285	6253587	5	2005	53587	3587	0	20	672625	6080672	13K16	9.4	.5	18.9	.02	106	.1	.2	14.4	1758	17.1	67
6223286	6253588	2	2005	53588	3588	0	20	670837	6080120	13K16	6.1	.5	6.4	.02	72	.1	.5	4.6	1689	3.7	52
6223287	6253589	5	2005	53589	3589	0	20	668739	6080201	13K16	4.9	.5	2.8	.02	81	.1	.2	2.7	1783	4.0	34
6223288	6253590	5	2005	53590	3590	0	20	669154	6077771	13K16	6.0	.5	4.9	.02	69	.5	.2	3.2	1740	3.9	45
6223289	6253591	5	2005	53591	3591	0	20	666723	6077526	13K16	12.0	.5	10.8	.02	169	1.0	1.1	6.8	2953	18.9	76
6223291	6253592	5	2005	53592	3592	0	20	665916	6075836	13K16	8.2	.5	10.8	.02	55	.1	.9	4.3	1579	4.7	82
6223292	6253593	5	2005	53593	3593	0	20	664644	6076193	13K16	4.4	.5	8.3	.02	42	.1	.2	3.3	653	10.8	29
6223293	6253594	5	2005	53594	3594	0	20	663789	6077215	13K16	6.2	.5	6.0	.02	80	.1	.2	3.6	1706	3.3	57
6223294	6253595	5	2005	53595	3595	0	20	666280	6078714	13K16	4.2	.5	5.6	.02	39	.1	.2	2.4	1007	3.6	45
6223295	6253596	5	2005	53596	3596	0	20	666475	6079825	13K16	6.4	.5	5.0	.02	67	.1	.2	3.1	1634	2.3	42
6223296	6253597	5	2005	53597	3597	0	20	670393	6083356	13K16	9.5	.5	11.7	.02	79	.1	1.1	5.1	1775	10.8	69
6223297	6253598	5	2005	53598	3598	0	20	670281	6084201	13K16	4.6	.5	7.3	.02	34	.1	.2	3.1	702	5.2	38
6223298	6253599	5	2005	53599	3599	1	20	669073	6085698	13K16	6.4	.5	7.4	.02	71	.1	.5	2.9	1619	6.9	73
6223299	6253600	5	2005	53600	3600	2	20	669073	6085698	13K16	6.9	.5	7.3	.02	78	.1	1.1	3.1	1842	4.0	74
6223301	6253601	5	2005	53601	3601	0	20	669530	6087227	13K16	8.1	.5	11.7	.02	36	.1	1.1	4.7	1632	6.7	95
6223302	6253602	5	2005	53602	3602	0	20	668726	6088159	13K16	10.4	.5	5.3	.02	151	.1	.2	5.1	4270	2.8	94
6223303	6253603	5	2005	53603	3603	0	20	669839	6088720	13K16	4.5	.5	4.0	.02	79	.1	.2	2.9	1569	.1	28
6223304	6253604	5	2005	53604	3604	0	20	665968	6088758	13K16	7.0	.5	2.8	.02	131	.1	.2	2.7	3080	1.7	49
6223305	6253605	5	2005	53605	3605	0	20	663115	6089646	13K16	6.0	.5	2.4	.02	74	.1	.2	2.6	2253	2.0	40
6223306	6253606	5	2005	53606	3606	0	20	666219	6095120	13K16	4.4	.5	3.8	.02	68	.1	.2	1.9	1577	5.8	41
6223307	6253607	5	2005	53607	3607	0	20	670007	6105230	13N01	9.4	.5	4.1	.02	177	.1	.2	3.6	3557	2.1	77
6223308	6253608	5	2005	53608	3608	0	20	666863	6091212	13K16	6.1	.5	8.9	.02	74	.1	.6	4.3	1672	20.7	84
6223309	6253609	5	2005	53609	3609	0	20	668769	6091587	13K16	4.1	.5	6.8	.02	53	.1	.2	4.8	1208	5.7	52
6223311	6253610	5	2005	53610	3610	0	20	671263	6090723	13K16	9.4	.5	4.6	.02	167	.1	.2	4.8	3795	6.0	64
6223312	6253611	5	2005	53611	3611	0	20	672370	6090552	13K16	11.0	.5	11.7	.02	135	.1	1.0	5.7	2655	17.1	97
6223313	6253612	5	2005	53612	3612	0	20	673088	6091217	13K16	3.6	.5	2.3	.02	63	.1	.2	1.9	1664	7.0	21
6223314	6253613	5	2005	53613	3613	0	20	674511	6093283	13K16	6.6	.5	10.8	.02	84	.1	.7	6.2	1411	63.9	52
6223315	6253614	5	2005	53614	3614	0	20	673050	6095326	13K16	10.3	.5	4.3	.02	197	.1	.2	4.0	4222	3.1	75
6223316	6253615	5	2005	53615	3615	0	20	673682	6095943	13K16	10.8	.5	2.6	.02	245	.1	.2	2.3	3993	1.4	73
6223317	6253616	5	2005	53616	3616	0	20	691147	6094316	13K16	2.5	.5	5.6	.02	49	1.4	.2	3.6	1094	9.0	34
6223318	6253617	5	2005	53617	3617	0	20	690175	6091489	13K16	6.1	.5	14.4	.02	44	.1	1.3	9.9	1449	16.2	85
6223319	6253618	5	2005	53618	3618	0	20	689844	6090764	13K16	5.7	.5	14.4	.02	57	.1	1.1	8.5	1881	12.6	85
6223321	6253619	5	2005	53619	3619	1	20	688948	6086485	13K16	3.7	.5	6.1	.02	64	1.6	.2	4.9	1254	9.9	46
6223322	6253620	5	2005	53620	3620	2	20	688948	6086485	13K16	3.5	.5	5.8	.02	68	.1	.2	4.3	1333	6.9	45
6223323	6253621	5	2005	53621	3621	0	20	685865	6085148	13K16	14.2	.5	4.3	.02	333	.8	.2	4.4	4554	5.1	88
6223324	6253622	5	2005	53622	3622	0	20	684787	6086207	13K16	5.6	.5	8.3	.02	64	.1	.9	4.3	1472	6.9	73
6223325	6253623	5	2005	53623	3623	0	20	683012	6083020	13K16	5.2	.5	6.3	.02	93	.1	.2	5.0	1585	8.4	58
6223326	6253624	5	2005	53624	3624	0	20	684241	6082383	13K16	4.1	.5	10.8	.02	38	.1	.2	8.7	1002	15.3	66

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	sc2	se1	sm1	sr1	sr2	ta1	tb1	th1	ti2	u1	v2
6223327	6253625	5	2005	53625	3625	0	20	682641	6079084	13K16	1.9	.5	4.0	.02	40	.1	.2	3.1	435	6.4	11
6223328	6253626	5	2005	53626	3626	0	20	680602	6083155	13K16	12.2	.5	8.6	.02	241	.1	.2	7.5	3549	10.8	82
6223329	6253627	5	2005	53627	3627	0	20	677670	6083164	13K16	10.0	.5	14.4	.02	132	.1	.2	10.8	2194	18.9	72
6223331	6253628	5	2005	53628	3628	0	20	675221	6085044	13K16	12.2	.5	12.6	.02	178	.1	.2	9.9	2986	10.8	93
6223332	6253629	5	2005	53629	3629	0	20	672650	6084525	13K16	5.5	.5	3.0	.02	90	.1	.2	2.6	1874	2.0	34
6223333	6253630	5	2005	53630	3630	0	20	672205	6082712	13K16	7.5	.5	3.2	.02	134	.1	.2	3.0	2717	3.0	53
6223334	6253631	5	2005	53631	3631	0	20	676075	6083242	13K16	6.1	.5	11.7	.02	30	.1	.2	8.4	986	5.7	59
6223335	6253632	5	2005	53632	3632	0	20	677146	6085957	13K16	4.8	.5	8.6	.02	38	.1	.2	7.1	1000	4.3	49
6223336	6253633	5	2005	53633	3633	0	20	679333	6085454	13K16	5.3	.5	6.8	.02	74	.1	.2	4.9	1548	6.6	50
6223337	6253634	5	2005	53634	3634	0	20	681817	6086107	13K16	4.0	.5	5.1	.02	75	.1	.2	4.9	1061	3.7	26
6223338	6253635	5	2005	53635	3635	0	20	678709	6088060	13K16	6.0	.5	9.9	.02	26	.1	.2	6.2	897	7.6	57
6223339	6253636	5	2005	53636	3636	0	20	677305	6086946	13K16	5.5	.5	9.0	.02	129	2.2	1.1	4.3	904	108.0	48
6223341	6253637	5	2005	53637	3637	0	20	675129	6087249	13K16	6.9	.5	4.3	.02	109	.1	.2	3.2	2249	4.0	57
6223342	6253638	5	2005	53638	3638	0	20	672341	6088269	13K16	7.5	.5	9.7	.02	113	.1	1.1	6.1	1548	12.0	64
6223343	6253639	5	2005	53639	3639	1	20	673936	6089776	13K16	5.3	.5	7.7	.02	35	.1	.2	5.1	978	7.3	60
6223344	6253640	5	2005	53640	3640	2	20	673936	6089776	13K16	5.9	.5	11.0	.02	27	.1	1.1	5.6	778	6.8	48
6223345	6253641	5	2005	53641	3641	0	20	679188	6091172	13K16	14.2	.5	12.0	.02	221	.1	.2	13.0	3940	14.0	91
6223346	6253642	5	2005	53642	3642	0	20	680715	6091153	13K16	5.0	.5	10.0	.02	60	.1	.2	9.1	1317	11.0	55
6223347	6253643	5	2005	53643	3643	0	20	683938	6089811	13K16	4.7	.5	5.9	.02	88	1.7	.2	5.8	1624	12.0	54
6223348	6253644	5	2005	53644	3644	0	20	683682	6088838	13K16	5.3	.5	12.0	.02	48	.1	.2	11.0	1086	16.0	54
6223349	6253645	5	2005	53645	3645	0	20	686120	6089523	13K16	3.5	.5	5.2	.02	44	.1	.2	4.4	980	15.0	43
6223351	6253646	5	2005	53646	3646	0	20	688655	6091006	13K16	3.5	.5	8.5	.02	58	1.1	.2	7.4	1210	20.0	42
6223352	6253647	5	2005	53647	3647	0	21	309917	6093270	13J13	4.4	.5	14.0	.02	64	3.4	.2	14.0	1225	21.0	36
6223353	6253648	5	2005	53648	3648	0	20	688597	6091975	13K16	9.9	.5	28.0	.02	162	.1	.2	26.0	2452	41.0	90
6223354	6253649	5	2005	53649	3649	0	20	686920	6091642	13K16	5.5	.5	17.0	.02	84	.1	.2	9.1	1171	730.0	89
6223355	6253650	5	2005	53650	3650	0	20	683631	6092328	13K16	4.6	.5	12.0	.02	83	.1	.2	11.0	1543	24.0	62
6223356	6253651	5	2005	53651	3651	0	20	681364	6092731	13K16	5.3	.5	7.8	.02	66	.1	.2	7.1	1306	7.2	34
6223357	6253652	5	2005	53652	3652	0	20	679639	6094064	13K16	10.7	.5	18.0	.02	130	.1	.2	15.0	2693	25.0	81
6223358	6253653	5	2005	53653	3653	0	20	675493	6097299	13K16	5.8	.5	8.7	.02	62	.1	.2	7.9	1779	14.0	72
6223359	6253654	5	2005	53654	3654	0	20	679481	6096713	13K16	7.9	.5	15.0	.02	80	.1	.7	10.0	1753	21.0	87
6223361	6253655	5	2005	53655	3655	0	20	682000	6096573	13K16	5.5	.5	8.6	.02	72	.1	.2	7.1	1728	11.0	54
6223362	6253656	5	2005	53656	3656	0	20	683104	6096425	13K16	6.0	.5	16.0	.02	50	.1	.2	13.0	1147	22.0	54
6223363	6253657	5	2005	53657	3657	0	20	682857	6095049	13K16	5.1	.5	7.9	.02	67	2.0	.2	7.0	1370	10.0	54
6223364	6253658	5	2005	53658	3658	0	20	684826	6094535	13K16	2.9	.5	4.1	.02	71	.1	.2	4.1	1123	6.6	21
6223365	6253659	5	2005	53659	3659	0	20	686076	6095366	13K16	13.7	.5	30.6	.02	122	.1	.2	24.3	2821	19.8	98
6223366	6253660	5	2005	53660	3660	0	20	687931	6093932	13K16	4.6	.5	5.8	.02	91	.1	.2	4.4	1618	8.8	59
6223367	6253661	5	2005	53661	3661	1	20	688473	6095909	13K16	4.0	.5	5.6	.02	68	.1	.2	4.7	1256	8.3	34
6223368	6253662	5	2005	53662	3662	2	20	688473	6095909	13K16	3.7	.5	4.8	.02	66	.1	.2	4.5	1201	7.2	30
6223369	6253663	5	2005	53663	3663	0	20	686032	6097094	13K16	3.8	.5	3.9	.02	63	.1	.2	4.9	1569	5.8	28
6223371	6253664	5	2005	53664	3664	0	20	690518	6097443	13K16	6.0	.5	12.6	.02	93	.1	.8	9.9	1755	17.1	70
6223372	6253665	5	2005	53665	3665	0	21	310311	6099251	13O04	10.4	.5	13.5	.02	237	.1	.2	10.8	3382	20.7	78
6223373	6253666	5	2005	53666	3666	0	21	308280	6099386	13O04	5.0	.5	13.5	.02	72	.1	.2	10.8	1236	18.0	60
6223374	6253667	5	2005	53667	3667	0	21	309649	6105736	13O04	5.1	.5	11.7	.02	43	.1	.2	11.7	1238	18.0	70
6223375	6253668	5	2005	53668	3668	0	21	309205	6104297	13O04	2.4	.5	3.2	.02	41	.1	.2	2.9	894	5.7	13
6223376	6253669	5	2005	53669	3669	0	21	309150	6097264	13J13	2.7	.5	5.7	.02	57	.1	.6	4.6	837	5.8	27
6223377	6253670	5	2005	53670	3670	0	21	308684	6095124	13J13	6.8	#NULL!	#NULL!	#NULL!	67	#NULL!	#NULL!	#NULL!	2235	#NULL!	122
6223378	6253671	5	2005	53671	3671	0	21	311073	6094171	13J13	6.6	.5	15.3	.02	138	.1	.7	9.9	2464	13.5	73
6223379	6253672	5	2005	53672	3672	0	21	311478	6095866	13J13	9.2	.5	10.8	.02	226	.1	.8	9.9	3563	6.9	85
6223381	6253673	5	2005	53673	3673	0	21	313104	6097668	13J13	3.9	.5	11.7	.02	123	.1	.2	8.5	1759	3.5	25
6223382	6253674	5	2005	53674	3674	0	21	312172	6095057	13J13	7.2	.5	9.9	.02	173	.1	.2	8.6	3119	3.4	73
6223383	6253675	5	2005	53675	3675	0	21	313746	6094222	13J13	7.0	.5	10.8	.02	126	.1	.9	8.0	2406	3.6	62
6223384	6253676	5	2005	53676	3676	0	21	310948	6092360	13J13	7.5	.5	4.1	.02	413	.1	.2	3.1	3310	1.6	38
6223385	6253677	5	2005	53677	3677	0	21	312737	6091039	13J13	6.1	.5	3.6	.02	204	.1	.2	3.2	2520	3.0	38
6223386	6253678	5	2005	53678	3678	0	21	309010	6089229	13J13	5.0	.5	4.8	.02	85	.1	.2	4.9	1634	4.4	47
6223387	6253679	5	2005	53679	3679	1	21	310876	6089055	13J13	12.6	.5	6.6	.02	334	.1	.7	6.7	4507	16.0	82
6223388	6253680	5	2005	53680	3680	2	21	310876	6089055	13J13	12.4	.5	9.2	.02	306	.1	.2	8.6	4045	17.0	73
6223389	6253681	5	2005	53681	3681	0	21	313242	6089033	13J13	6.5	.5	4.3	.02	133	.1	.2	4.1	2032	2.7	54
6223392	6253683	5	2005	53683	3683	0	21	313493	6087510	13J13	5.3	.5	10.0	.02	71	.1	1.0	4.3	1248	2.7	34
6223393	6253684	5	2005	53684	3684	0	21	310440	6087333	13J13	9.5	.5	12.0	.02	161	.1	1.2	8.1	2287	7.1	75
6223394	6253685	5	2005	53685	3685	0	21	309643	6086901	13J13	2.3	.5	4.5	.02	32	.1	.2	4.0	626	2.3	15
6223395	6253686	5	2005	53686	3686	0	21	311550	6085887	13J13	7.2	.5	19.0	.02	41	.1	1.5	7.0	812	5.3	47
6223396	6253687	5	2005	53687	3687	0	21	310027	6084968	13J13	8.7	.5	9.9	.02	109	.1	.9	5.5	2148	.1	98
6223397	6253688	5	2005	53688	3688	0	21	309685	6083787	13J13	4.5	.5	11.0	.02	54	.1	.2	4.7	939	4.1	21
6223398	6253689	5	2005	53689	3689	0	21	307750	6082322	13J13	11.0	.5	3.6	.02	154	.1	.2	1.7	4121	1.4	103
6223399	6253690	5	2005	53690	3690	0	21	311323	6084091	13J13	6.6	.5	9.3	.02	90	.1	.2	4.4	1657	4.9	52
6223401	6253691	5	2005	53691	3691	0	21	314391	6085513	13J13	8.9	.5	13.0	.02	131	2.2	1.3	9.2	2477	3.2	82
6223402	6253692	5	2005	53692	3692	0	21	317184	6087274	13J13	1.9	.5	3.1	.02	40	.1	.2	2.6	552	.1	24
6223403	6253693	5	2005	53693	3693	0	21	315615	6089195	13J13	11.0	.5	12.0	.02	168	.1	.8	7.9	3684	1.8	94
6223404	6253694	5	2005	53694	3694	0	21	317673	6093084	13J13	5.4	.5	7.4	.02	66	.1	.2	4.5	1485	3.4	74

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	sc2	se1	sm1	sr1	sr2	ta1	tb1	th1	ti2	u1	v2
6223405	6253695	5	2005	53695	3695	0	21	319780	6094069	13J13	8.5	.5	3.0	.02	154	.1	.2	2.2	2427	.1	57
6223406	6253696	5	2005	53696	3696	0	21	315106	6084105	13J13	4.7	.5	3.6	.02	77	.1	.2	3.5	1427	.1	27
6223407	6253697	5	2005	53697	3697	0	21	326710	6096336	13J13	13.9	.5	6.5	.02	281	.1	.2	7.2	4680	4.4	122
6223408	6253698	5	2005	53698	3698	0	21	329503	6097556	13J13	6.0	.5	7.0	.02	111	.1	.2	5.7	2042	11.0	72
6223409	6253699	5	2005	53699	3699	1	21	335250	6094598	13J13	9.7	.5	5.8	.02	250	.1	.2	5.3	4014	3.6	61
6223411	6253700	5	2005	53700	3700	2	21	335250	6094598	13J13	9.6	.5	5.5	.02	258	2.2	.7	5.0	3841	3.0	58
6223412	6253701	5	2005	53701	3701	0	21	336960	6095210	13J13	6.3	.5	3.5	.02	268	1.6	.2	2.4	2857	3.1	33
6223413	6253702	5	2005	53702	3702	0	21	339508	6095236	13J13	3.2	.5	5.1	.02	73	.1	.2	5.3	1376	3.6	22
6223414	6253703	5	2005	53703	3703	0	21	337931	6093364	13J13	5.2	.5	20.0	.02	46	.1	.7	11.0	1310	14.0	86
6223415	6253704	5	2005	53704	3704	0	21	338267	6091938	13J13	9.7	.5	15.0	.02	286	.1	1.5	9.4	4087	13.0	56
6223416	6253705	5	2005	53705	3705	0	21	336898	6089332	13J13	6.3	.5	14.0	.02	133	.1	.2	7.2	2694	7.6	67
6223417	6253706	5	2005	53706	3706	0	21	331804	6088391	13J13	3.5	.5	4.1	.02	58	.1	.2	5.0	1411	4.2	25
6223418	6253707	5	2005	53707	3707	0	21	331728	6083544	13J13	6.8	3.0	7.7	.02	210	2.3	.2	5.5	3510	4.6	50
6223419	6253708	5	2005	53708	3708	0	21	333737	6082809	13J13	5.0	.5	11.0	.02	82	.1	.9	8.0	1866	5.4	40
6223421	6253709	5	2005	53709	3709	0	21	331117	6080264	13J13	12.8	.5	9.0	.02	241	.1	1.4	9.3	5367	2.1	64
6223422	6253710	5	2005	53710	3710	0	21	334924	6080589	13J13	8.9	.5	48.0	.02	90	.1	4.6	25.0	1725	27.0	39
6223423	6253711	5	2005	53711	3711	0	21	338880	6079165	13J13	5.0	.5	10.0	.02	102	.1	1.3	8.0	1971	8.8	22
6223424	6253712	5	2005	53712	3712	0	21	338450	6077243	13J13	6.6	.5	25.0	.02	25	.1	2.4	17.0	822	23.0	37
6223425	6253713	5	2005	53713	3713	0	21	335666	6078494	13J13	5.5	.5	11.0	.02	105	.1	.2	9.6	1978	6.4	28
6223426	6253714	2	2005	23714	3714	0	21	332983	6079022	13J13	8.8	.5	12.0	.02	157	.1	1.2	9.1	3576	4.6	36
6223427	6223715	2	2005	23715	3715	0	21	344766	6068493	13J11	3.1	.5	4.8	.02	59	.1	.5	3.5	877	5.4	60
6223428	6223716	2	2005	23716	3716	0	21	347397	6068499	13J11	4.3	.5	10.0	.02	38	.1	.2	10.0	1095	9.8	42
6223429	6223717	2	2005	23717	3717	0	21	350602	6068870	13J11	1.4	.5	5.6	.02	26	.1	.2	1.4	326	12.0	9
6223431	6223718	2	2005	23718	3718	0	21	353518	6068921	13J11	11.3	.5	5.3	.02	350	.1	.2	2.6	3676	3.9	64
6223432	6223719	2	2005	23719	3719	1	21	354084	6067203	13J11	2.1	.5	3.5	.02	36	.1	.2	.2	577	4.3	24
6223433	6223720	2	2005	23720	3720	2	21	354084	6067203	13J11	2.1	.5	3.5	.02	35	.1	.2	3.1	566	3.1	23
6223434	6223721	2	2005	23721	3721	0	21	359431	6068141	13J11	7.0	.5	14.4	.02	97	.1	2.3	11.7	2051	38.7	73
6223435	6223722	2	2005	23722	3722	0	21	360588	6067714	13J11	6.5	.5	6.9	.02	141	.1	.2	3.2	2429	5.8	49
6223436	6223723	2	2005	23723	3723	0	21	362205	6068667	13J11	5.8	.5	17.1	.02	87	.1	1.8	8.2	2109	26.1	90
6223437	6223724	2	2005	23724	3724	0	21	363116	6068700	13J11	10.5	.5	5.8	.12	350	.1	.2	3.8	4030	2.7	66
6223438	6223725	2	2005	23725	3725	0	21	365879	6068215	13J11	5.8	.5	11.7	.02	133	.1	1.1	4.4	1864	5.4	116
6223439	6223726	2	2005	23726	3726	0	21	370080	6066569	13J11	7.3	.5	11.7	.02	143	.1	.2	6.5	2012	6.9	88
6223441	6223727	2	2005	23727	3727	0	21	368698	6065492	13J11	3.6	.5	7.8	.02	58	.1	.2	3.3	1008	5.8	59
6223442	6223728	2	2005	23728	3728	0	21	367509	6064839	13J11	3.3	.5	6.3	.02	43	.1	.2	3.8	970	2.9	42
6223443	6223729	2	2005	23729	3729	0	21	363211	6066267	13J11	6.4	.5	9.9	.02	67	.1	.2	4.7	1262	4.2	79
6223444	6223730	2	2005	23730	3730	0	21	361265	6065300	13J11	4.7	.5	7.3	.02	58	.1	1.2	4.8	1109	2.1	48
6223445	6223731	2	2005	23731	3731	0	21	359885	6064421	13J11	5.5	.5	12.0	.02	56	.1	.2	4.4	1504	7.1	83
6223446	6223732	2	2005	23732	3732	0	21	357097	6063202	13J11	5.2	.5	8.1	.02	48	.1	.2	3.3	1282	3.8	81
6223447	6223733	2	2005	23733	3733	0	21	356560	6064560	13J11	9.4	.5	5.4	.02	314	2.6	.2	3.6	3516	3.7	54
6223448	6223734	2	2005	23734	3734	0	21	354600	6064054	13J11	5.5	.5	21.0	.02	94	.1	3.7	6.0	1755	13.0	65
6223449	6223735	2	2005	23735	3735	0	21	348080	6064695	13J11	3.9	.5	12.0	.02	56	.1	1.1	5.6	910	3.9	19
6223451	6223736	2	2005	23736	3736	0	21	347456	6066500	13J11	3.2	.5	15.0	.02	39	.1	.2	7.0	606	17.0	23
6223452	6223737	2	2005	23737	3737	0	21	345798	6067108	13J11	7.8	.5	21.0	.02	119	4.4	.2	17.0	1651	89.0	58
6223453	6223738	2	2005	23738	3738	0	21	342790	6066426	13J11	12.4	.5	14.0	.02	350	.1	1.3	11.0	3961	80.0	66
6223454	6223739	2	2005	23739	3739	0	21	339910	6067577	13J11	11.4	.5	25.0	.02	226	.1	2.5	14.0	3432	29.0	65
6223455	6223740	2	2005	23740	3740	1	21	340329	6064920	13J11	11.8	.5	9.8	.08	313	.1	.6	6.5	3979	9.5	72
6223456	6223741	2	2005	23741	3741	2	21	340329	6064920	13J11	11.9	.5	7.8	.02	333	.1	1.0	5.1	4098	6.2	67
6223457	6223742	2	2005	23742	3742	0	21	339610	6061367	13J11	8.1	.5	18.0	.02	153	.1	3.0	12.0	2133	21.0	77
6223458	6223743	2	2005	23743	3743	0	21	345491	6064098	13J11	5.4	.5	18.0	.02	81	.1	.2	7.3	1442	8.9	54
6223459	6223744	2	2005	23744	3744	0	21	344077	6061230	13J11	9.6	.5	24.0	.02	155	.1	1.5	18.0	2384	24.0	111
6223461	6223745	2	2005	23745	3745	0	21	344980	6060133	13J11	7.3	.5	5.6	.02	210	.1	.2	3.5	2812	1.8	60
6223462	6223746	2	2005	23746	3746	0	21	346018	6059102	13J11	4.6	.5	6.2	.02	72	.1	.2	4.7	1760	4.1	70
6223463	6223747	2	2005	23747	3747	0	21	355580	6058725	13J11	9.7	.5	12.0	.02	206	.1	.2	6.9	3092	11.0	140
6223464	6223748	2	2005	23748	3748	0	21	356240	6061170	13J11	13.0	.5	8.1	.02	445	.1	.2	7.9	4837	5.5	65
6223465	6223749	2	2005	23749	3749	0	21	359300	6060152	13J11	9.5	.5	28.4	.02	206	.1	.2	18.9	2430	116.0	70
6223466	6223750	2	2005	23750	3750	0	21	362031	6063183	13J11	1.6	.5	4.1	.02	40	.1	.2	2.1	360	6.5	30
6223467	6223751	2	2005	23751	3751	0	21	365548	6063298	13J11	3.5	.5	8.5	.02	43	.1	.2	5.4	970	4.1	19
6223468	6223752	2	2005	23752	3752	0	21	369470	6068058	13J11	8.8	.5	9.2	.02	191	.1	.2	6.0	2875	5.0	96
6223469	6223753	2	2005	23753	3753	0	21	370234	6063405	13J11	5.8	.5	6.8	.02	207	.1	1.0	4.6	2141	6.4	29
6223471	6223754	2	2005	23754	3754	0	21	369639	6064296	13J11	4.5	.5	10.2	.02	90	.1	1.6	7.3	1458	4.1	61
6223472	6223755	2	2005	23755	3755	0	21	368764	6062455	13J11	11.0	.5	6.8	.02	374	1.0	.2	5.5	3804	4.2	67
6223473	6223756	2	2005	23756	3756	0	21	367429	6060304	13J11	7.6	.5	9.8	.02	189	.1	1.0	7.1	2787	10.1	80
6223474	6223757	2	2005	23757	3757	0	21	369300	6058250	13J11	14.3	.5	6.0	.02	386	.1	.6	4.1	6227	6.4	91
6223475	6223758	2	2005	23758	3758	0	21	370416	6056598	13J11	9.7	.5	5.6	.02	411	#NULL!	.2	#NULL!	3391	2.3	43
6223476	6223759	2	2005	23759	3759	1	21	367347	6057560	13J11	3.3	.5	11.0	.02	61	.1	.2	3.3	733	150.0	23
6223477	6223760	2	2005	23760	3760	2	21	367347	6057560	13J11	3.9	.5	15.0	.02	59	.1	.2	4.8	664	230.0	31
6223478	6223761	2	2005	23761	3761	0	21	365795	6054669	13J11	4.7	.5	5.8	.02	99	.1	1.0	3.9	1519	5.9	60
6223479	6223762	2	2005	23762	3762	0	21	364568	6056214	13J11	8.5	.5	7.8	.02	244	.1	.2	4.7	2801	3.6	69
6223481	6223763	2	2005	23763	3763	0	21	361969	6058200	13J11	1.7	.5	3.6	.02	55	.1	.2	1.8	328	3.0	7

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	sc2	se1	sm1	sr1	sr2	ta1	tb1	th1	ti2	u1	v2
6223482	6223764	2	2005	23764	3764	0	21	361018	6055867	13J11	6.6	.5	8.3	.02	157	.1	.7	5.4	2207	5.0	86
6223483	6223765	2	2005	23765	3765	0	21	358938	6058061	13J11	5.6	.5	15.0	.11	51	.1	.2	9.8	1175	12.0	95
6223484	6223766	2	2005	23766	3766	0	21	356822	6057792	13J11	3.0	.5	3.9	.02	47	.1	.2	3.8	1030	2.2	27
6223485	6223767	2	2005	23767	3767	0	21	357279	6055560	13J11	11.5	.5	4.4	.02	466	1.7	.2	4.2	4220	4.5	53
6223486	6223768	2	2005	23768	3768	0	21	354556	6055699	13J11	3.0	.5	3.9	.02	66	.1	.2	3.0	1052	5.1	39
6223487	6223769	2	2005	23769	3769	0	21	349843	6056355	13J11	5.8	.5	10.4	.02	104	.1	.2	6.2	2022	5.6	85
6223488	6223770	2	2005	23770	3770	0	21	349471	6055314	13J11	2.6	.5	5.6	.02	50	.1	.2	4.6	719	2.7	42
6223489	6223771	2	2005	23771	3771	0	21	346740	6055521	13J11	3.6	.5	21.0	.02	34	.1	2.7	6.2	627	6.5	27
6223491	6223772	2	2005	23772	3772	0	21	344733	6055628	13J11	5.0	.5	20.0	.02	57	.1	1.7	8.6	932	13.6	45
6223492	6223773	2	2005	23773	3773	0	21	343012	6056552	13J11	5.1	.5	11.6	.02	62	.1	1.0	6.4	1079	6.7	70
6223493	6223774	2	2005	23774	3774	0	21	339575	6059178	13J11	6.5	.5	14.7	.02	52	.1	1.7	8.6	1278	10.1	70
6223494	6223775	2	2005	23775	3775	0	21	338996	6057692	13J11	6.7	.5	18.9	.02	69	.1	1.5	11.6	1245	11.6	79
6223495	6223776	2	2005	23776	3776	0	21	339732	6053808	13J11	8.1	.5	9.4	.02	177	.1	2.0	5.9	2664	3.9	69
6223496	6223777	2	2005	23777	3777	0	21	339854	6052855	13J11	2.6	.5	4.5	.02	51	.1	.2	2.7	840	.1	25
6223497	6223778	2	2005	23778	3778	0	21	343312	6053111	13J11	7.6	.5	14.0	.02	58	.1	1.5	9.8	1470	12.6	125
6223498	6223779	2	2005	23779	3779	0	21	345625	6053577	13J11	2.4	.5	6.5	.02	35	.1	.2	3.8	638	5.6	40
6223499	6253780	5	2005	53780	3780	0	21	333658	6077777	13J13	4.0	.5	13.3	.02	46	.1	.9	14.0	797	9.8	23
6223501	6253781	5	2005	53781	3781	0	21	332065	6077595	13J13	8.0	.5	33.6	.02	57	.1	2.7	36.4	1136	27.3	49
6223502	6253782	5	2005	53782	3782	0	21	332654	6076584	13J13	7.4	.5	37.1	.02	58	.1	2.7	37.1	964	33.6	54
6223503	6253783	5	2005	53783	3783	0	21	335886	6075591	13J13	8.3	5.0	11.9	.02	127	1.7	1.4	7.7	3334	11.2	41
6223504	6253784	5	2005	53784	3784	0	21	333802	6075414	13J13	8.1	.5	58.1	.02	75	.1	4.8	51.8	513	126.0	30
6223505	6253785	5	2005	53785	3785	1	21	330347	6075471	13J13	5.0	.5	14.0	.02	42	.1	.2	8.4	1452	12.6	28
6223506	6253786	5	2005	53786	3786	2	21	330347	6075471	13J13	7.0	.5	29.4	.02	63	.1	2.1	15.4	1677	46.2	33
6223507	6253787	5	2005	53787	3787	0	21	331911	6073307	13J13	4.6	.5	10.5	.02	36	.1	.2	9.8	973	10.5	44
6223508	6253788	5	2005	53788	3788	0	21	333692	6072912	13J13	2.4	.5	6.9	.02	34	.1	.2	5.8	469	6.8	19
6223509	6253789	5	2005	53789	3789	0	21	335107	6072954	13J13	8.2	.5	28.0	.02	121	.1	3.1	19.2	2093	32.0	78
6223511	6253790	5	2005	53790	3790	0	21	334512	6072218	13J13	4.3	.5	18.4	.02	36	.1	1.8	15.2	765	28.0	53
6223512	6253791	5	2005	53791	3791	0	21	337785	6071141	13J13	10.4	.5	7.8	.06	321	.1	.2	6.8	3508	7.3	58
6223513	6253792	5	2005	53792	3792	0	21	337957	6073119	13J13	6.3	.5	22.4	.02	68	.1	2.5	16.8	1377	38.4	48
6223514	6253793	5	2005	53793	3793	0	21	325171	6083036	13J13	5.5	.5	10.4	.02	71	.1	1.0	9.6	1313	28.8	48
6223515	6253794	5	2005	53794	3794	0	21	326582	6083950	13J13	10.8	.5	18.4	.02	226	.1	2.2	15.2	3313	16.8	65
6223516	6253795	5	2005	53795	3795	0	21	325044	6084265	13J13	13.2	.5	6.7	.02	153	.1	.9	6.6	3206	5.0	118
6223517	6253796	5	2005	53796	3796	0	21	347865	6055514	13J11	7.6	.5	29.6	.02	75	.1	3.0	17.6	1679	20.0	90
6223518	6253797	5	2005	53797	3797	0	21	343609	6050759	13J11	3.0	.5	5.0	.02	67	.1	.6	5.0	1126	3.3	38
6223519	6253798	5	2005	53798	3798	0	21	346054	6051331	13J11	2.7	.5	4.3	.02	48	.1	.2	3.2	730	2.8	45
6223521	6253799	5	2005	53799	3799	0	21	348305	6053030	13J11	5.2	.5	2.9	.02	156	.1	.2	2.9	1924	2.3	39
6223522	6253800	5	2005	53800	3800	0	21	350650	6052162	13J11	2.2	.5	4.6	.02	33	.1	.2	4.4	420	5.9	14
6223523	6253801	5	2005	53801	3801	0	21	355425	6053316	13J11	3.1	.5	4.8	.02	28	.1	.2	6.0	813	6.4	11
6223524	6253802	5	2005	53802	3802	0	21	355347	6052692	13J11	5.4	.5	5.2	.02	112	.1	.2	5.4	1541	5.4	37
6223525	6253803	5	2005	53803	3803	0	21	356342	6050220	13J11	1.9	.5	8.5	.02	43	.1	.2	2.3	385	9.4	11
6223526	6253804	5	2005	53804	3804	0	21	361208	6053056	13J11	2.0	.5	2.5	.02	31	.1	.2	3.1	655	2.5	34
6223527	6253805	5	2005	53805	3805	1	21	362355	6053650	13J11	1.9	.5	1.7	.02	42	.1	.2	1.6	639	2.2	10
6223528	6253806	5	2005	53806	3806	2	21	362355	6053650	13J11	1.7	.5	2.1	.02	34	.1	.2	1.6	598	.1	9
6223529	6253807	5	2005	53807	3807	0	21	364240	6055037	13J11	4.6	.5	5.5	.02	74	.1	.2	7.3	1207	34.8	64
6223531	6253808	5	2005	53808	3808	0	21	370474	6053819	13J11	9.1	.5	2.9	.02	450	.1	.2	3.0	3169	1.4	39
6223532	6253809	5	2005	53809	3809	0	21	370550	6047272	13J11	7.9	.5	10.0	.02	236	.1	1.6	6.3	1985	11.0	96
6223533	6253810	5	2005	53810	3810	0	21	370377	6045405	13J11	5.5	.5	17.0	.02	88	.1	.2	6.8	1004	15.0	69
6223534	6253811	5	2005	53811	3811	0	21	363002	6046614	13J11	3.5	.5	3.8	.02	110	.1	.2	2.9	1434	.1	23
6223535	6253812	5	2005	53812	3812	0	21	362209	6045456	13J11	3.8	.5	7.5	.02	88	.1	.2	5.6	1057	8.2	36
6223536	6253813	5	2005	53813	3813	0	21	361758	6044300	13J11	5.1	.5	6.0	.02	137	.1	.2	4.5	1450	3.1	49
6223537	6253814	5	2005	53814	3814	0	21	358342	6043432	13J11	5.9	.5	15.0	.02	69	.1	1.6	6.4	882	7.5	53
6223538	6253815	5	2005	53815	3815	0	21	357040	6044525	13J11	10.1	.5	2.9	.02	439	.1	.2	2.1	3773	.1	47
6223539	6253816	5	2005	53816	3816	0	21	349858	6047954	13J11	1.9	.5	2.5	.02	25	.1	.2	2.9	406	.1	15
6223541	6253817	5	2005	53817	3817	0	21	347726	6043680	13J11	1.4	.5	1.7	.02	27	.1	.2	2.2	447	3.8	12
6223542	6253818	5	2005	53818	3818	0	21	343559	6044664	13J11	6.7	.5	10.5	.02	110	.1	.2	9.1	1100	10.5	61

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	w1	y2	yb1	zn1	zn2	zr1	zr2	conduct	ph w	alw2	baw2
6222633	6253000	5	2005	53000	3000	0	20	679921	6070025	13K09	.2	16	.9	25	50	.01	8	19.01	6.57	116	3.1
6222634	6253001	5	2005	53001	3001	0	20	678062	6069807	13K09	.2	19	1.2	25	39	.01	9	17.75	6.68	63	2.0
6222635	6253002	5	2005	53002	3002	0	20	676113	6069185	13K09	.2	15	.8	25	44	.01	21	17.51	6.72	48	1.4
6222636	6253003	5	2005	53003	3003	0	20	673963	6069298	13K09	.2	15	1.0	25	36	.01	14	14.76	6.55	74	1.7
6222637	6253004	5	2005	53004	3004	0	20	672389	6068737	13K09	.2	18	1.0	70	77	.01	31	17.55	6.80	62	1.8
6222638	6253005	2	2005	53005	3005	0	20	671007	6068263	13K09	.2	7	.3	25	14	.01	16	12.58	6.28	#NULL!	#NULL!
6222639	6253006	2	2005	53006	3006	0	20	669772	6069566	13K09	.2	35	2.6	140	111	.01	26	21.70	6.92	#NULL!	#NULL!
6222641	6253007	2	2005	53007	3007	0	20	667718	6067880	13K09	.2	14	1.2	25	35	.01	22	16.64	6.64	#NULL!	#NULL!
6222642	6253008	2	2005	53008	3008	0	20	665019	6067900	13K09	.2	26	1.9	25	51	.01	33	14.29	6.38	#NULL!	#NULL!
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6222644	6253010	2	2005	53010	3010	0	20	675399	6066307	13K09	.2	25	2.4	90	82	.01	137	46.70	7.08	#NULL!	#NULL!
6222645	6253011	5	2005	53011	3011	0	20	673721	6060620	13K09	.2	42	2.9	25	101	.01	19	16.26	6.73	57	3.5
6222646	6253012	5	2005	53012	3012	0	20	676479	6061717	13K09	.2	28	2.1	70	52	.01	10	19.25	6.76	62	2.8
6222647	6253013	5	2005	53013	3013	0	20	676926	6063590	13K09	.2	26	2.0	80	56	.01	11	14.75	6.42	129	3.4
6222648	6253014	5	2005	53014	3014	0	20	679818	6062633	13K09	.2	16	.9	25	47	.01	9	16.79	6.57	126	3.7
6222649	6253015	5	2005	53015	3015	0	20	680570	6062187	13K09	.2	53	3.1	110	77	.01	13	21.00	6.74	111	3.7
6222651	6253016	5	2005	53016	3016	0	20	681408	6062898	13K09	.2	484	33.4	230	186	.05	25	23.60	6.82	147	3.3
6222652	6253017	5	2005	53017	3017	0	20	683098	6063698	13K09	.2	439	31.6	300	299	.03	24	19.87	6.76	91	3.1
6222653	6253018	5	2005	53018	3018	0	20	683596	6065217	13K09	.2	228	16.4	150	194	.06	33	22.20	6.86	99	3.3
6222654	6253019	5	2005	53019	3019	1	20	686691	6065038	13K09	.2	37	2.5	25	62	.01	34	20.50	6.79	73	2.1
6222655	6253020	5	2005	53020	3020	2	20	686691	6065038	13K09	.2	41	2.6	25	78	.01	32	20.40	6.78	72	2.0
6222656	6253021	5	2005	53021	3021	0	20	687332	6066450	13K09	.2	42	2.9	80	40	.05	7	24.00	6.83	94	3.3
6222657	6253022	5	2005	53022	3022	0	20	688951	6066554	13K09	.2	28	2.8	80	96	.01	98	24.70	6.85	81	2.4
6222658	6253023	5	2005	53023	3023	0	20	689781	6068976	13K09	.2	15	1.5	25	50	.01	31	9.20	5.58	21	.3
6222659	6253024	5	2005	53024	3024	0	21	308060	6073660	13J13	.2	46	3.5	280	247	.01	25	35.40	7.06	102	4.2
6222661	6253025	5	2005	53025	3025	0	21	308666	6075111	13J13	.2	52	3.8	160	157	.01	38	22.70	6.80	132	3.1
6222662	6253026	5	2005	53026	3026	0	21	307144	6074900	13J13	.2	14	1.1	25	65	.01	15	25.70	6.84	117	3.0
6222663	6253027	5	2005	53027	3027	0	21	309497	6078298	13J13	.2	20	1.5	50	66	.01	18	43.70	7.17	168	4.0
6222664	6253028	5	2005	53028	3028	0	21	311603	6078264	13J13	.2	14	.8	25	44	.01	7	20.30	6.45	63	3.5
6222665	6253029	5	2005	53029	3029	0	21	312764	6077794	13J13	.2	16	1.5	140	60	.01	39	40.40	4.40	144	5.5
6222666	6253030	5	2005	53030	3030	0	21	315113	6078341	13J13	.2	11	.8	25	19	.01	7	15.34	5.85	136	2.3
6222667	6253031	5	2005	53031	3031	0	21	316529	6079976	13J13	.2	25	1.3	25	34	.01	12	26.00	6.68	72	3.4
6222668	6253032	5	2005	53032	3032	0	21	317652	6079979	13J13	.2	36	2.6	100	106	.01	94	37.30	7.09	74	2.8
6222669	6253033	5	2005	53033	3033	0	21	321324	6080718	13J13	.2	23	2.1	70	123	.01	82	40.90	7.07	105	3.3
6222671	6253034	5	2005	53034	3034	0	21	323560	6083824	13J13	.2	56	3.6	90	126	.01	67	15.79	6.24	61	1.7
6222731	6253035	5	2005	53035	3035	0	21	322636	6085487	13J13	.2	29	1.8	25	24	.01	12	15.47	6.52	66	1.2
6222732	6253036	5	2005	53036	3036	0	21	319640	6088135	13J13	.2	34	1.8	25	125	.01	76	23.80	6.46	123	2.5
6222733	6253037	5	2005	53037	3037	0	21	318469	6089079	13J13	.2	30	1.8	25	103	.01	101	21.80	6.39	131	2.0
6222734	6253038	5	2005	53038	3038	0	21	321691	6089769	13J13	.2	17	1.1	25	63	.01	40	24.30	6.47	168	1.9
6222735	6253039	5	2005	53039	3039	1	20	689554	6065230	13K09	.2	44	3.3	25	38	.04	6	9.90	5.94	32	.7
6222736	6253040	5	2005	53040	3040	2	20	689554	6065230	13K09	.2	49	3.6	50	47	.01	7	10.45	5.95	30	.8
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6222738	6253042	5	2005	53042	3042	0	20	686600	6062150	13K09	.2	16	1.1	25	21	.01	10	7.21	5.78	43	.9
6222739	6253043	5	2005	53043	3043	0	20	685187	6063410	13K09	.2	110	4.5	80	114	.01	15	13.07	6.34	118	2.2
6222741	6253044	5	2005	53044	3044	0	20	683465	6062721	13K09	.2	23	1.4	25	26	.01	15	19.89	6.57	58	2.8
6222742	6253045	5	2005	53045	3045	0	20	682063	6061387	13K09	.2	92	4.4	110	97	.10	16	16.25	6.76	22	1.7
6222743	6253046	5	2005	53046	3046	0	20	677933	6058933	13K09	.2	50	2.9	25	37	.03	34	16.98	6.49	123	3.2
6222744	6253047	5	2005	53047	3047	0	20	675001	6059621	13K09	11.0	21	2.1	60	63	.01	11	19.35	6.84	40	3.4
6222745	6253048	5	2005	53048	3048	0	20	674315	6057819	13K09	.2	171	11.6	140	271	.05	43	18.03	6.74	96	3.4
6222746	6253049	5	2005	53049	3049	0	20	671144	6055706	13K09	.2	37	3.4	25	100	.01	32	10.76	6.39	33	2.7
6222747	6253050	5	2005	53050	3050	0	20	669441	6053988	13K09	.2	120	12.6	25	49	.41	27	23.70	6.96	79	3.4
6222748	6253051	5	2005	53051	3051	0	20	667050	6053315	13K09	.2	32	3.6	25	75	.01	55	9.72	6.11	90	2.1
6222749	6253052	5	2005	53052	3052	0	20	665955	6052537	13K09	.2	23	2.8	25	49	.03	99	30.20	6.91	61	5.9
6222751	6253053	5	2005	53053	3053	0	20	666986	6051916	13K09	.2	96	8.9	80	95	.01	42	12.45	6.32	136	3.3
6222752	6253054	5	2005	53054	3054	0	20	670191	6052270	13K09	.2	28	2.8	80	61	.01	48	13.08	6.40	48	3.2
6222753	6253055	5	2005	53055	3055	0	20	671380	6052629	13K09	.2	26	3.0	25	56	.01	86	15.97	6.36	87	4.0
6222754	6253056	5	2005	53056	3056	0	20	673571	6053753	13K09	.2	29	2.6	80	58	.01	37	10.73	6.41	15	2.8
6222755	6253057	5	2005	53057	3057	0	20	675061	6054621	13K09	.2	15	1.5	50	28	.04	50	16.19	6.42	74	3.4
6222756	6253058	5	2005	53058	3058	0	20	676345	6056223	13K09	.2	25	2.2	25	36	.01	19	18.58	6.60	76	2.2
6222757	6253059	5	2005	53059	3059	1	20	677639	6056753	13K09	.2	29	2.5	25	39	.01	14	17.23	6.51	58	2.3
6222758	6253060	5	2005	53060	3060	2	20	677639	6056753	13K09	.2	31	2.5	25	45	.01	15	16.80	6.46	59	2.3
6222759	6253061	5	2005	53061	3061	0	20	680537	6058283	13K09	.2	39	3.8	25	68	.01	51	16.96	6.71	42	2.5
6222761	6253062	5	2005	53062	3062	0	20	681235	6059168	13K09	.2	46	3.9	25	72	.01	23	15.54	6.58	45	2.3
6222762	6253063	5	2005	53063	3063	0	20	683575	6059447	13K09	.2	29	3.7	25	96	.03	124	14.25	6.48	66	2.7
6222763	6253064	5	2005	53064	3064	0	20	686817	6058965	13K09	.2	35	3.0	25	72	.09	10	15.48	6.47	54	3.0
6222764	6253065	5	2005	53065	3065	0	20	689884	6059286	13K09	.2	21	2.1	60	29	.01	30	9.91	6.10	59	1.7
6222765	6253066	5	2005	53066	3066	0	20	690527	6061452	13K09	.2	19	2.0	25	27	.01	32	15.13	6.47	83	3.0
6222766	6253067	5	2005	53067	3067	0	20	692150	6063132	13K09	.2	108	8.8	25	82	.16	25	12.98	6.52	38	2.6
6222767	6253068	5	2005	53068	3068	0	21	308544	6065178	13J12	.2	230	19.0	130	183	.01	21	16.77	6.60	83	3.8

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	w1	y2	yb1	zn1	zn2	zr1	zr2	conduct	ph_w	alw2	baw2
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6222769	6253070	5	2005	53070	3070	0	21	308647	6065639	13J12	.2	175	12.5	310	208	.01	16	32.50	6.98	114	3.1
6222771	6253071	5	2005	53071	3071	0	21	308633	6066105	13J12	9.0	115	9.4	110	132	.08	14	24.50	6.89	71	3.4
6222772	6253072	5	2005	53072	3072	0	21	306934	6066457	13J12	.2	147	12.4	25	122	.01	34	24.80	6.81	122	4.2
6222773	6253073	5	2005	53073	3073	0	21	308367	6068111	13J12	.2	94	8.0	25	176	.06	12	21.60	6.71	118	4.3
6222774	6253074	5	2005	53074	3074	0	21	311204	6074351	13J13	.2	22	2.0	70	55	.01	12	14.30	5.75	146	3.4
6222775	6253075	5	2005	53075	3075	0	21	312985	6074002	13J13	.2	75	7.4	150	198	.01	50	18.84	6.56	88	2.2
6222776	6253076	5	2005	53076	3076	0	21	314763	6075664	13J13	8.0	73	6.8	25	159	.01	54	18.85	6.56	97	2.2
6222777	6253077	5	2005	53077	3077	0	21	312611	6076460	13J13	.2	12	1.3	25	34	.01	32	16.53	6.08	148	3.5
6222778	6253078	5	2005	53078	3078	0	21	311664	6076972	13J13	.2	12	1.2	25	40	.01	26	21.50	6.47	120	4.2
6222779	6253079	5	2005	53079	3079	0	21	322134	6078120	13J13	.2	136	11.8	25	50	.01	14	23.30	6.70	149	3.0
6222781	6253080	5	2005	53080	3080	1	21	324735	6077854	13J13	.2	118	10.3	110	156	.13	30	17.64	6.49	100	4.0
6222782	6253081	5	2005	53081	3081	2	21	324735	6077854	13J13	.2	129	11.7	160	113	.16	58	17.75	6.48	97	4.3
6222783	6253082	5	2005	53082	3082	0	21	323021	6080305	13J13	.2	45	4.7	25	85	.01	92	19.90	6.57	76	2.4
6222843	6253083	5	2005	53083	3083	0	21	325673	6081190	13J13	.2	35	3.1	25	47	.01	114	21.30	6.61	62	2.6
6222844	6253084	5	2005	53084	3084	0	20	685924	6057529	13K09	.2	10	.6	25	17	.01	21	9.29	5.81	100	1.9
6222845	6253085	5	2005	53085	3085	0	20	683320	6056995	13K09	.2	82	6.6	120	101	.01	27	9.73	6.21	54	2.1
6222846	6253086	5	2005	53086	3086	0	20	682781	6055589	13K09	.2	34	2.5	100	70	.01	39	9.56	6.20	32	2.8
6222847	6253087	5	2005	53087	3087	0	20	681180	6055053	13K09	.2	42	3.7	25	58	.01	21	13.30	6.58	58	2.1
6222848	6253088	5	2005	53088	3088	0	20	678714	6054636	13K09	.2	16	1.5	25	18	.01	12	10.24	6.12	103	2.2
6222849	6253089	5	2005	53089	3089	0	20	679002	6053025	13K09	2.0	13	1.1	25	22	.01	23	7.43	5.82	40	1.5
6222851	6253090	5	2005	53090	3090	0	20	677816	6052425	13K09	.2	11	.9	25	21	.01	46	8.04	5.77	62	1.6
6222852	6253091	5	2005	53091	3091	0	20	677523	6051548	13K09	.2	36	2.9	25	58	.01	55	7.20	5.86	57	1.5
6222853	6253092	5	2005	53092	3092	0	20	673976	6050626	13K09	.2	48	4.4	120	138	.01	92	7.83	5.86	75	2.3
6222854	6253093	5	2005	53093	3093	0	20	673686	6051233	13K09	.2	39	3.0	25	49	.01	22	7.81	5.94	55	1.9
6222855	6253094	5	2005	53094	3094	0	20	669333	6048161	13K09	2.0	46	3.9	100	80	.04	30	8.34	5.92	1	.1
6222856	6253095	5	2005	53095	3095	0	20	668985	6049495	13K09	.2	36	3.1	25	76	.01	20	10.07	6.33	65	3.3
6222857	6253096	5	2005	53096	3096	0	20	667466	6049870	13K09	.2	15	1.2	70	22	.01	21	8.37	6.01	81	2.0
6222858	6253097	5	2005	53097	3097	0	20	665328	6048731	13K09	.2	24	1.8	100	39	.01	22	10.37	6.25	84	2.7
6222859	6253098	5	2005	53098	3098	0	20	662010	6045969	13K09	.2	13	.9	25	15	.01	32	8.00	6.04	61	2.4
6222861	6253099	5	2005	53099	3099	1	20	663582	6044773	13K09	.2	13	.9	50	19	.01	21	8.81	6.10	72	2.5
6222862	6253100	5	2005	53100	3100	2	20	663582	6044773	13K09	.2	12	.9	25	18	.01	22	8.93	6.11	70	2.5
6222863	6253101	5	2005	53101	3101	0	20	662616	6043115	13K09	.2	49	4.3	25	71	.01	29	8.36	5.95	72	2.8
6222864	6253102	5	2005	53102	3102	0	20	663537	6042495	13K09	.2	46	3.8	110	86	.01	43	9.08	6.36	13	2.4
6222865	6253103	5	2005	53103	3103	0	20	667043	6042085	13K09	.2	39	3.0	25	33	.01	21	9.80	6.19	61	3.6
6222866	6253104	5	2005	53104	3104	0	20	665852	6045837	13K09	6.0	48	3.3	80	55	.01	26	10.30	6.54	75	2.2
6222867	6253105	5	2005	53105	3105	0	20	666805	6046499	13K09	.2	34	2.2	25	39	.01	18	9.32	6.23	81	2.9
6222868	6253106	5	2005	53106	3106	0	20	669676	6046371	13K09	.2	33	1.9	25	42	.01	18	8.62	6.22	54	2.0
6222869	6253107	5	2005	53107	3107	0	20	671268	6047092	13K09	.2	48	3.3	25	50	.01	19	7.73	6.07	34	1.8
6222871	6253108	5	2005	53108	3108	0	20	672384	6048997	13K09	.2	52	3.7	25	90	.01	36	10.11	6.47	19	3.0
6222872	6253109	5	2005	53109	3109	0	20	673471	6048811	13K09	.2	26	1.9	25	47	.01	58	10.00	6.44	18	3.1
6222873	6253110	5	2005	53110	3110	0	20	678636	6050703	13K09	.2	15	.9	25	25	.01	24	8.68	5.97	43	2.2
6222874	6253111	5	2005	53111	3111	0	20	681208	6052741	13K09	.2	51	3.5	90	118	.07	120	8.76	6.12	56	2.5
6222875	6253112	5	2005	53112	3112	0	20	682293	6052755	13K09	.2	10	.5	25	11	.01	18	68.00	3.81	172	5.0
6222876	6253113	5	2005	53113	3113	0	20	683440	6055295	13K09	.2	36	1.9	25	46	.01	19	9.98	6.08	91	2.2
6222877	6253114	5	2005	53114	3114	0	20	685156	6055145	13K09	.2	35	3.0	25	51	.03	20	7.87	5.93	80	1.6
6222878	6253115	5	2005	53115	3115	0	20	686369	6056481	13K09	.2	18	1.8	25	37	.04	72	10.60	6.27	73	2.2
6222879	6253116	5	2005	53116	3116	0	20	687385	6055364	13K09	2.0	36	3.0	80	45	.01	18	14.55	6.77	78	9.9
6222881	6253117	5	2005	53117	3117	0	20	688196	6055562	13K09	.2	30	2.6	80	51	.01	37	12.38	6.42	99	8.5
6222882	6253118	5	2005	53118	3118	0	20	689533	6056655	13K09	.2	59	5.6	150	96	.01	19	16.63	6.90	34	13.3
6222883	6253119	5	2005	53119	3119	1	20	691389	6057871	13K09	.2	24	2.1	25	27	.03	29	8.28	6.20	46	2.6
6222884	6253120	5	2005	53120	3120	2	20	691389	6057871	13K09	.2	24	2.5	25	23	.01	26	8.31	6.17	45	2.1
6222885	6253121	5	2005	53121	3121	0	20	691863	6059092	13K09	.2	24	2.1	100	43	.01	19	11.80	6.52	48	3.2
6222886	6253122	5	2005	53122	3122	0	21	306804	6060884	13J12	.2	53	5.0	140	96	.04	124	12.90	6.50	52	2.9
6222887	6253123	5	2005	53123	3123	0	21	308335	6062720	13J12	.2	14	1.4	25	26	.01	48	8.22	5.90	47	2.2
6222888	6253124	5	2005	53124	3124	0	21	311709	6064889	13J12	.2	29	2.0	25	34	.01	7	16.24	6.52	79	2.8
6222889	6253125	5	2005	53125	3125	0	21	311992	6066067	13J12	.2	15	1.1	25	29	.01	22	12.73	6.30	61	1.9
6222891	6253126	5	2005	53126	3126	0	21	313847	6065880	13J12	.2	21	1.9	25	50	.01	15	19.26	6.53	108	2.6
6222892	6253127	5	2005	53127	3127	0	21	316897	6068091	13J12	.2	37	3.2	25	65	.03	6	16.73	6.44	63	3.1
6222893	6253128	5	2005	53128	3128	0	21	315411	6068652	13J12	.2	112	14.9	100	55	.01	9	14.11	6.43	67	2.3
6222894	6253129	5	2005	53129	3129	0	21	323935	6083135	13J13	.2	66	5.0	90	133	.05	50	23.90	6.94	96	3.9
6222895	6253130	5	2005	53130	3130	0	21	327471	6085709	13J13	.2	31	2.7	25	41	.01	96	22.30	6.85	74	2.5
6222896	6253131	5	2005	53131	3131	0	21	326094	6084728	13J13	.2	29	2.7	70	69	.01	80	22.30	6.79	79	2.6
6222897	6253132	5	2005	53132	3132	0	20	687673	6052018	13K09	.2	13	1.3	25	37	.01	42	22.10	6.81	77	4.6
6223016	6253133	5	2005	53133	3133	0	20	687980	6050405	13K09	.2	16	1.3	25	34	.11	12	10.48	6.07	75	4.3
6223017	6253134	5	2005	53134	3134	0	20	685579	6049870	13K09	.2	17	1.3	25	31	.01	11	11.63	6.16	39	3.1
6223018	6253135	5	2005	53135	3135	0	20	684231	6049642	13K09	.2	21	1.4	25	13	.01	13	10.55	5.98	107	3.3
6223019	6253136	5	2005	53136	3136	0	20	682485	6049637	13K09	.2	37	3.5	120	78	.08	36	10.16	6.03	80	3.1
6223021	6253137	5	2005	53137	3137	0	20	680600	6047921	13K09	.2	16	1.5	25	35	.01	55	14.49	6.53	62	3.7

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	w1	y2	yb1	zn1	zn2	zr1	zr2	conduct	ph w	alw2	baw2
6223022	6253138	5	2005	53138	3138	0	20	676280	6047613	13K09	.2	31	2.5	25	30	.01	15	17.41	6.66	34	6.0
6223023	6253139	5	2005	53139	3139	1	20	676615	6047059	13K09	.2	20	1.6	25	30	.01	21	13.93	6.35	80	4.3
6223024	6253140	5	2005	53140	3140	2	20	676615	6047059	13K09	.2	19	1.7	25	28	.01	25	14.10	6.34	75	4.4
6223025	6253141	5	2005	53141	3141	0	20	676285	6045723	13K09	.2	88	6.2	150	154	.09	28	12.85	6.51	46	3.1
6223026	6253142	5	2005	53142	3142	0	20	675173	6043594	13K09	.2	36	3.6	110	101	.01	67	14.94	6.69	17	3.2
6223027	6253143	5	2005	53143	3143	0	20	673063	6042900	13K09	.2	61	4.8	25	41	.01	20	12.08	6.54	62	3.6
6223028	6253144	5	2005	53144	3144	0	20	670219	6042295	13K09	.2	50	3.7	60	50	.01	11	12.44	6.51	63	3.2
6223029	6253145	5	2005	53145	3145	0	20	678640	6046050	13K09	.2	30	2.1	90	41	.01	28	12.44	6.50	68	3.3
6223031	6253146	5	2005	53146	3146	0	20	683482	6046450	13K09	.2	26	1.9	25	46	.01	31	9.32	6.09	77	2.8
6223032	6253147	5	2005	53147	3147	0	20	683510	6047251	13K09	.2	40	3.1	25	34	.01	20	8.95	5.94	105	3.0
6223033	6253148	5	2005	53148	3148	0	20	684665	6047702	13K09	.2	104	9.1	180	169	.01	47	10.17	6.52	4	2.6
6223034	6253149	5	2005	53149	3149	0	20	686977	6048459	13K09	.2	73	5.8	25	103	.01	21	13.01	6.55	23	4.4
6223035	6253150	5	2005	53150	3150	0	20	688240	6048884	13K09	.2	52	3.9	90	64	.01	15	10.34	6.30	41	3.6
6223036	6253151	5	2005	53151	3151	0	20	692385	6044991	13K09	.2	23	1.9	90	97	.01	70	12.03	6.53	15	2.8
6223037	6253152	5	2005	53152	3152	0	20	690319	6044429	13K09	.2	28	1.9	110	70	.01	35	13.08	6.42	27	2.8
6223038	6253153	5	2005	53153	3153	0	20	688270	6044290	13K09	2.0	35	2.9	80	63	.01	13	10.02	6.19	45	1.3
6222672	6253154	5	2005	53154	3154	0	20	687089	6044551	13K09	.2	16	.8	25	22	.01	13	14.89	6.50	52	2.8
6222673	6253155	5	2005	53155	3155	0	20	684270	6043711	13K09	.2	25	2.0	25	43	.03	33	12.05	6.33	52	3.2
6222674	6253156	5	2005	53156	3156	0	20	682626	6043126	13K09	.2	48	3.2	90	62	.01	20	12.55	6.57	24	3.9
6222675	6253157	5	2005	53157	3157	0	20	687479	6046044	13K09	.2	14	.9	25	18	.01	14	12.83	6.22	143	3.8
6222676	6253158	5	2005	53158	3158	0	20	690829	6046027	13K09	.2	23	1.5	25	40	.01	11	14.78	6.62	29	3.7
6222677	6253159	5	2005	53159	3159	0	20	692318	6046886	13K09	.2	20	1.4	60	75	.01	53	14.31	6.42	38	3.4
6222678	6253160	5	2005	53160	3160	1	20	691737	6049333	13K09	.2	33	2.5	60	72	.01	32	9.66	6.17	44	3.2
6222679	6253161	5	2005	53161	3161	2	20	691737	6049333	13K09	.2	34	2.7	25	72	.01	33	9.50	6.19	40	3.3
6222681	6253162	5	2005	53162	3162	0	20	690172	6049777	13K09	.2	31	2.0	25	56	.01	16	10.90	6.17	66	2.9
6222682	6253163	5	2005	53163	3163	0	20	690949	6051222	13K09	.2	21	1.6	25	61	.01	63	14.97	6.52	58	4.4
6222683	6253164	5	2005	53164	3164	0	20	691882	6051353	13K09	.2	22	1.1	25	40	.01	29	10.42	6.19	53	2.9
6222684	6253165	5	2005	53165	3165	0	20	692491	6053576	13K09	.2	47	2.7	25	46	.01	27	9.13	6.18	33	3.0
6222685	6253166	5	2005	53166	3166	0	20	691302	6053343	13K09	.2	21	1.6	25	38	.01	26	7.97	6.07	48	2.6
6222686	6253167	5	2005	53167	3167	0	20	690012	6054901	13K09	4.0	70	4.4	25	93	.01	26	16.88	6.75	57	35.8
6222687	6253168	5	2005	53168	3168	0	20	692375	6055807	13K09	.2	53	3.7	70	112	.01	23	19.63	6.68	28	27.2
6222688	6253169	5	2005	53169	3169	0	21	306854	6058331	13J12	.2	64	4.0	90	32	.01	31	40.60	7.38	64	50.4
6222689	6253170	5	2005	53170	3170	0	21	309398	6060052	13J12	.2	31	2.3	25	32	.01	10	21.30	6.80	49	19.1
6222691	6253171	5	2005	53171	3171	0	21	310466	6062149	13J12	4.0	23	1.3	25	30	.01	13	12.22	6.09	66	4.2
6222692	6253172	5	2005	53172	3172	0	21	308500	6066773	13J12	.2	545	44.5	310	454	.01	32	19.28	6.64	141	4.8
6222693	6253173	5	2005	53173	3173	0	21	321771	6070377	13J13	13.0	56	4.8	80	107	.01	14	18.25	6.53	49	3.2
6222694	6253174	5	2005	53174	3174	0	21	323348	6071006	13J13	.2	124	9.5	230	332	.01	10	19.67	6.70	41	2.8
6222695	6253175	5	2005	53175	3175	0	21	321850	6073135	13J13	.2	214	15.1	270	323	.01	72	15.81	6.40	34	2.8
6222696	6253176	5	2005	53176	3176	0	21	324963	6073921	13J13	.2	477	26.5	390	694	.01	15	25.40	6.85	31	3.3
6222697	6253177	5	2005	53177	3177	0	21	324403	6075954	13J13	.2	112	8.6	120	178	.01	59	22.10	6.69	68	2.7
6222698	6253178	5	2005	53178	3178	0	21	326077	6077858	13J13	.2	11	1.4	25	20	.01	18	25.80	6.67	42	3.1
6222699	6253179	5	2005	53179	3179	0	21	325980	6080047	13J13	.2	22	1.8	25	37	.01	24	30.90	6.74	112	3.8
6222701	6253180	5	2005	53180	3180	1	21	308365	6068107	13J12	3.0	96	7.0	110	159	.01	15	22.30	6.68	142	4.2
6222702	6253181	5	2005	53181	3181	2	21	308365	6068107	13J12	.2	100	6.8	120	161	.01	15	22.30	6.62	148	4.2
6222703	6253182	5	2005	53182	3182	0	21	312055	6061972	13J12	.2	68	4.4	110	201	.04	25	22.30	6.87	39	17.2
6222704	6253183	5	2005	53183	3183	0	21	310790	6060170	13J12	.2	82	5.6	25	126	.01	28	25.30	6.85	39	17.4
6222705	6253184	5	2005	53184	3184	0	21	311170	6059084	13J12	.2	49	2.2	25	181	.01	84	50.70	7.31	46	81.2
6222706	6253185	5	2005	53185	3185	0	21	309039	6058804	13J12	.2	61	3.8	80	61	.04	24	28.70	6.96	60	36.7
6222707	6253186	5	2005	53186	3186	0	21	311119	6055373	13J12	.2	16	.9	25	23	.01	12	18.42	6.59	69	6.6
6222708	6253187	5	2005	53187	3187	0	21	308794	6053300	13J12	.2	70	5.3	360	457	.17	30	13.65	6.59	57	23.7
6222709	6253188	5	2005	53188	3188	0	21	308412	6053117	13J12	.2	28	2.0	25	31	.01	41	8.68	6.11	34	5.0
6222711	6253189	5	2005	53189	3189	0	21	307163	6052180	13J12	.2	31	2.3	120	70	.01	32	10.38	5.91	33	6.1
6222712	6253190	5	2005	53190	3190	0	21	306395	6051420	13J12	.2	55	3.4	60	91	.01	34	11.10	6.21	29	6.1
6222713	6253191	5	2005	53191	3191	0	21	307686	6051282	13J12	.2	61	3.7	180	272	.04	18	10.36	6.08	34	7.7
6222714	6253192	5	2005	53192	3192	0	21	308117	6051540	13J12	.2	64	4.3	220	277	.06	15	9.74	6.04	270	6.5
6222715	6253193	5	2005	53193	3193	0	21	308052	6051865	13J12	.2	48	3.2	120	211	.10	19	11.72	6.41	7	14.8
6222716	6253194	5	2005	53194	3194	0	21	309689	6051359	13J12	.2	102	6.9	100	161	.08	28	14.25	6.55	35	10.1
6222717	6253195	5	2005	53195	3195	0	21	311453	6052585	13J12	.2	39	2.4	25	90	.03	19	16.08	6.59	27	16.1
6222718	6253196	5	2005	53196	3196	0	21	311243	6053592	13J12	.2	136	5.8	270	542	.09	50	19.46	6.81	15	18.3
6222719	6253197	5	2005	53197	3197	0	21	312676	6054581	13J12	.2	41	2.7	80	72	.01	30	19.42	6.77	59	8.2
6222721	6253198	5	2005	53198	3198	0	21	314786	6056099	13J12	.2	40	1.8	25	59	.01	61	30.00	7.06	55	23.4
6222722	6253199	5	2005	53199	3199	1	21	313635	6057521	13J12	1.0	22	2.3	25	59	.01	16	11.28	6.32	65	4.4
6222723	6253200	5	2005	53200	3200	2	21	313535	6057484	13J12	.2	36	2.2	25	54	.01	74	11.53	6.22	70	4.0
6222724	6253201	5	2005	53201	3201	0	21	314785	6058726	13J12	.2	24	1.7	25	39	.01	32	15.33	6.54	54	11.3
6222725	6253202	5	2005	53202	3202	0	21	314117	6059843	13J12	.2	107	6.4	160	228	.03	32	20.40	6.30	50	23.6
6222726	6253203	5	2005	53203	3203	0	21	316363	6060814	13J12	.2	67	4.0	25	131	.01	33	26.80	6.91	29	49.6
6222727	6253204	5	2005	53204	3204	0	21	315129	6062422	13J12	.2	43	3.3	25	33	.01	15	18.01	6.51	73	8.0
6222728	6253205	5	2005	53205	3205	0	21	316160	6063730	13J12	.2	26	1.9	25	31	.01	10	15.76	6.26	74	4.9
6222729	6253206	5	2005	53206	3206	0	21	315674	6064516	13J12	.2	22	1.5	25	28	.01	11	17.56	6.32	97	3.9

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	w1	y2	yb1	zn1	zn2	zr1	zr2	conduct	ph_w	alw2	baw2
6222784	6253207	5	2005	53207	3207	0	21	316729	6065394	13J12	.2	32	2.7	25	32	.01	10	17.65	6.40	76	3.9
6222785	6253208	5	2005	53208	3208	0	21	320299	6066280	13J12	.2	13	1.0	25	24	.01	7	11.82	5.46	104	3.1
6222786	6253209	5	2005	53209	3209	0	21	320141	6067659	13J12	.2	70	6.0	25	192	.08	19	14.20	6.06	72	3.1
6222787	6253210	5	2005	53210	3210	0	21	322389	6068734	13J12	.2	44	4.4	25	88	.01	11	14.99	6.29	23	2.7
6222788	6253211	5	2005	53211	3211	0	21	323618	6069081	13J12	.2	35	2.8	25	94	.01	14	13.58	6.04	31	2.4
6222789	6253212	5	2005	53212	3212	0	21	326434	6070935	13J13	.2	127	15.3	140	220	.16	17	14.75	6.31	26	2.5
6222791	6253213	5	2005	53213	3213	0	21	328089	6072308	13J13	.2	108	10.0	25	289	.10	21	18.65	5.11	57	2.9
6222792	6253214	5	2005	53214	3214	0	21	329529	6072919	13J13	.2	86	7.0	25	125	.01	11	16.79	5.93	88	2.7
6222793	6253215	5	2005	53215	3215	0	21	327058	6075343	13J13	.2	139	13.4	25	86	.01	10	20.20	6.41	48	2.6
6222794	6253216	5	2005	53216	3216	0	21	328850	6077242	13J13	.2	61	5.0	25	83	.01	10	19.90	6.60	47	2.9
6222795	6253217	5	2005	53217	3217	0	21	328580	6079823	13J13	.2	50	4.1	25	53	.01	12	21.10	6.53	67	2.5
6222796	6253218	5	2005	53218	3218	0	21	329064	6083475	13J13	.2	55	5.7	25	68	.01	72	19.86	6.45	76	2.3
6222797	6253219	5	2005	53219	3219	0	21	331022	6086943	13J13	.2	39	3.5	25	35	.01	20	19.29	6.58	51	1.8
6222799	6253221	5	2005	53221	3221	0	21	331931	6086890	13J13	4.0	64	6.0	25	54	.01	16	19.54	6.51	51	2.4
6222801	6253222	5	2005	53222	3222	0	21	333300	6087840	13J13	.2	30	2.8	25	36	.01	63	33.30	6.70	104	3.9
6222802	6253223	5	2005	53223	3223	0	21	333761	6088460	13J13	.2	37	3.7	25	51	.01	74	24.20	6.63	100	3.2
6222803	6253224	5	2005	53224	3224	0	21	334100	6091383	13J13	.2	71	7.2	90	104	.06	68	18.33	6.22	78	1.9
6222804	6253225	5	2005	53225	3225	0	21	330664	6090383	13J13	.2	15	1.1	25	21	.05	50	17.10	5.95	179	4.0
6222805	6253226	5	2005	53226	3226	0	21	329765	6089489	13J13	.2	27	2.3	25	26	.07	20	14.28	5.84	49	1.1
6222806	6253227	5	2005	53227	3227	0	21	328607	6089250	13J13	.2	10	.9	25	24	.01	45	16.21	5.81	166	1.6
6222807	6253228	5	2005	53228	3228	0	21	321768	6066090	13J12	.2	58	5.7	100	98	.01	15	15.54	6.31	44	4.1
6222808	6253229	5	2005	53229	3229	0	21	320631	6063480	13J12	.2	13	1.2	25	27	.01	9	13.63	6.14	56	2.8
6222809	6253230	5	2005	53230	3230	0	21	319088	6063477	13J12	.2	34	3.0	80	58	.01	38	13.34	6.20	31	3.0
6222811	6253231	5	2005	53231	3231	0	21	317094	6062249	13J12	.2	62	5.1	120	154	.01	47	23.40	6.87	24	30.9
6222812	6253232	5	2005	53232	3232	0	21	319062	6061266	13J12	.2	50	3.7	25	70	.01	24	37.80	7.08	38	57.6
6222813	6253233	5	2005	53233	3233	0	21	316499	6058866	13J12	.2	135	9.9	160	162	.01	29	25.60	7.01	44	46.3
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6222816	6253236	5	2005	53236	3236	0	21	313112	6052926	13J12	.2	32	2.1	25	63	.01	21	11.69	6.21	55	5.8
6222817	6253237	5	2005	53237	3237	0	21	313951	6052004	13J12	.2	23	1.6	25	35	.01	6	11.18	5.98	46	4.5
6222818	6253238	5	2005	53238	3238	0	21	310631	6048470	13J12	.2	15	.9	25	19	.01	13	13.45	5.78	156	4.2
6222819	6253239	5	2005	53239	3239	1	21	306970	6047395	13J12	.2	53	4.5	25	98	.10	55	18.77	6.72	47	4.2
6222821	6253240	5	2005	53240	3240	2	21	306970	6047395	13J12	.2	53	4.5	25	91	.01	85	18.70	6.77	35	4.0
6222822	6253241	5	2005	53241	3241	0	21	306085	6046562	13J12	.2	31	3.5	130	82	.01	63	11.25	6.49	5	2.7
6222823	6253242	5	2005	53242	3242	0	21	313068	6043393	13J12	.2	38	3.5	25	73	.01	27	10.05	6.17	21	3.1
6222824	6253243	5	2005	53243	3243	0	21	314248	6044301	13J12	.2	30	3.5	60	54	.01	72	9.92	6.13	17	2.7
6222825	6253244	5	2005	53244	3244	0	21	319544	6044202	13J12	.2	12	1.1	25	19	.01	27	16.10	5.74	134	5.5
6222826	6253245	5	2005	53245	3245	0	21	320676	6043584	13J12	.2	27	3.1	100	46	.01	42	15.47	6.12	96	5.8
6222827	6253246	5	2005	53246	3246	0	21	323588	6043083	13J12	.2	86	8.6	130	140	.06	65	12.82	6.07	65	3.5
6222828	6253247	5	2005	53247	3247	0	21	328145	6044589	13J12	.2	23	2.4	25	41	.01	34	16.01	6.28	53	5.9
6222829	6253248	5	2005	53248	3248	0	21	328871	6044906	13J12	.2	115	8.4	100	76	.01	14	17.47	6.52	5	11.6
6222831	6253249	5	2005	53249	3249	0	21	330766	6042946	13J12	.2	16	1.0	25	15	.08	15	16.61	6.50	18	3.8
6222832	6253250	5	2005	53250	3250	0	21	334018	6043425	13J12	.2	36	4.6	25	43	.01	92	18.56	6.59	44	4.2
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6222834	6253252	5	2005	53252	3252	0	21	335683	6047759	13J12	.2	2	.1	25	9	.01	3	16.64	4.51	36	1.6
6222835	6253253	5	2005	53253	3253	0	21	333618	6047047	13J12	2.0	20	1.6	25	48	.01	46	15.13	6.12	47	4.0
6222836	6253254	5	2005	53254	3254	0	21	334467	6045823	13J12	.2	27	2.5	25	33	.03	81	11.58	5.22	141	2.0
6222837	6253255	5	2005	53255	3255	0	21	333253	6044940	13J12	.2	19	1.9	25	33	.01	44	11.08	5.77	41	3.3
6222838	6253256	5	2005	53256	3256	0	21	332345	6045687	13J12	.2	72	5.2	25	129	.01	36	13.52	6.24	20	6.7
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6222898	6253260	5	2005	53260	3260	2	21	328270	6048918	13J12	.2	32	2.2	80	37	.01	20	13.20	5.96	31	5.8
6222899	6253261	5	2005	53261	3261	0	21	325268	6047482	13J12	.2	29	1.8	25	80	.01	49	13.41	6.26	8	4.6
6222901	6253262	5	2005	53262	3262	0	21	319625	6048631	13J12	.2	18	1.2	25	16	.01	7	10.61	5.80	90	3.5
6222902	6253263	5	2005	53263	3263	0	21	316538	6049161	13J12	.2	22	.7	25	36	.01	7	10.80	5.81	71	2.8
6222903	6253264	5	2005	53264	3264	0	21	319303	6050110	13J12	.2	13	.1	25	19	.01	14	13.54	5.97	58	3.9
6222904	6253265	5	2005	53265	3265	0	21	321490	6051689	13J12	.2	97	6.2	25	94	.04	18	11.68	6.24	3	3.9
6222905	6253266	5	2005	53266	3266	0	21	320479	6053355	13J12	.2	160	7.3	110	191	.10	32	10.30	6.18	23	3.0
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6222907	6253268	5	2005	53268	3268	0	21	322118	6055376	13J12	.2	42	2.1	25	34	.01	25	11.71	6.35	7	3.9
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6222911	6253271	5	2005	53271	3271	0	21	323128	6060563	13J12	.2	67	5.3	25	139	.01	54	36.80	7.26	10	30.4
6222912	6253272	5	2005	53272	3272	0	21	323504	6062837	13J12	.2	15	.9	25	23	.01	8	15.97	6.12	100	5.5
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labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	w1	y2	yb1	zn1	zn2	zr1	zr2	conduct	ph_w	alw2	baw2
6222917	6253277	5	2005	53277	3277	0	21	326555	6062227	13J12	.2	37	2.3	25	197	.01	93	22.80	6.80	16	22.2
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6222921	6253280	5	2005	53280	3280	2	21	323457	6058415	13J12	.2	82	4.8	140	183	.07	37	10.97	6.26	23	11.0
6222922	6253281	5	2005	53281	3281	0	21	325663	6057142	13J12	.2	25	1.4	25	81	.07	16	11.76	6.23	35	6.3
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6222925	6253284	5	2005	53284	3284	0	21	322971	6054772	13J12	.2	69	3.6	25	160	.01	14	11.82	6.43	8	5.5
6222926	6253285	5	2005	53285	3285	0	21	322113	6053545	13J12	.2	51	2.6	25	43	.01	13	9.16	5.86	21	4.0
6222927	6253286	5	2005	53286	3286	0	21	324461	6052619	13J12	.2	27	1.4	25	41	.03	10	9.53	5.77	23	2.9
6222928	6253287	5	2005	53287	3287	0	21	325463	6053337	13J12	.2	51	3.1	25	94	.01	15	11.41	6.24	14	4.8
6222929	6253288	5	2005	53288	3288	0	21	324689	6050124	13J12	.2	11	.5	25	15	.01	6	18.52	6.18	81	5.9
6222931	6253289	5	2005	53289	3289	0	21	326838	6050728	13J12	.2	30	1.5	25	26	.01	13	13.73	5.97	42	5.2
6222932	6253290	5	2005	53290	3290	0	21	327376	6051835	13J12	.2	11	.1	25	9	.01	3	11.29	5.03	44	4.0
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6222934	6253292	5	2005	53292	3292	0	21	330807	6050788	13J12	.2	43	3.0	25	76	.01	17	11.50	6.06	29	4.9
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6222936	6253294	5	2005	53294	3294	0	21	337989	6053557	13J12	.2	37	2.3	60	64	.01	9	16.26	6.36	36	7.3
6222937	6253295	5	2005	53295	3295	0	21	336240	6051754	13J12	.2	41	2.9	25	83	.01	24	13.44	5.96	36	6.0
6222938	6253296	5	2005	53296	3296	0	21	334823	6051700	13J12	.2	12	.8	25	28	.01	12	13.45	5.69	72	6.7
6222939	6253297	5	2005	53297	3297	0	21	333354	6051752	13J12	.2	15	.7	25	22	.01	8	14.13	5.97	62	6.0
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6222946	6253303	5	2005	53303	3303	0	21	337925	6056812	13J12	2.0	47	3.0	130	153	.01	79	10.30	6.04	16	4.0
6222947	6253304	5	2005	53304	3304	0	21	338330	6058965	13J12	.2	43	3.2	80	97	.01	13	12.30	6.16	7	4.4
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6222951	6253307	5	2005	53307	3307	0	21	331498	6058253	13J12	2.0	164	10.4	140	228	.01	21	8.85	5.74	1	1.6
6222952	6253308	5	2005	53308	3308	0	21	331072	6057713	13J12	.2	811	53.8	1230	1764	.12	16	10.47	6.09	19	8.1
6222953	6253309	5	2005	53309	3309	0	21	328906	6057546	13J12	.2	111	7.5	110	134	.01	13	13.16	6.06	21	7.8
6222954	6253310	5	2005	53310	3310	0	21	328301	6055772	13J12	.2	31	1.9	25	56	.05	10	12.75	6.10	43	5.8
6222955	6253311	5	2005	53311	3311	0	21	332240	6059509	13J12	.2	114	7.9	180	379	.04	25	13.02	6.42	9	11.9
6222956	6253312	5	2005	53312	3312	0	21	330901	6060357	13J12	2.0	51	3.8	25	61	.01	35	29.90	6.97	22	71.9
6222957	6253313	5	2005	53313	3313	0	21	330089	6061549	13J12	.2	21	1.8	100	36	.01	21	26.50	4.70	77	12.1
6222958	6253314	5	2005	53314	3314	0	21	328818	6061851	13J12	.2	24	1.5	25	26	.01	8	15.41	6.51	74	5.6
6222959	6253315	5	2005	53315	3315	0	21	332536	6061362	13J12	.2	22	1.5	25	42	.01	40	9.51	6.31	29	5.5
6222961	6253316	5	2005	53316	3316	0	21	335967	6060914	13J12	.2	90	6.4	25	148	.01	27	16.16	6.64	1	16.2
6222962	6253317	5	2005	53317	3317	0	21	338750	6061140	13J12	.2	52	3.4	100	188	.03	52	20.70	6.71	1	21.4
6222963	6253318	5	2005	53318	3318	0	21	335988	6063912	13J12	.2	46	3.7	80	87	.01	65	17.69	6.59	13	5.2
6222964	6253319	5	2005	53319	3319	1	21	334847	6064536	13J12	.2	55	4.4	25	117	.01	29	19.91	6.62	22	5.1
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6222966	6253321	5	2005	53321	3321	0	21	333047	6065175	13J12	.2	53	4.5	25	96	.01	36	17.77	6.61	39	5.2
6222967	6253322	5	2005	53322	3322	0	21	332360	6064049	13J12	.2	47	4.2	25	56	.01	20	25.60	6.91	69	20.2
6222968	6253323	5	2005	53323	3323	0	21	330922	6064061	13J12	.2	44	3.4	25	45	.01	16	28.90	7.00	58	7.1
6222969	6253324	5	2005	53324	3324	0	21	330093	6064787	13J12	.2	44	3.2	25	98	.01	42	27.80	6.84	31	10.4
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6222972	6253326	5	2005	53326	3326	0	21	333747	6068797	13J12	.2	33	1.9	25	25	.11	20	20.70	6.65	63	5.0
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6222974	6253328	5	2005	53328	3328	0	21	332661	6070806	13J13	.2	21	1.8	25	38	.01	6	17.40	6.09	87	3.4
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6222977	6253331	5	2005	53331	3331	0	21	330568	6098318	13O04	.2	22	2.1	25	69	.01	50	21.00	6.05	114	2.2
6222978	6253332	5	2005	53332	3332	0	21	330873	6099831	13O04	.2	20	1.7	25	30	.01	38	15.11	5.67	71	.9
6222979	6253333	5	2005	53333	3333	0	21	332302	6101089	13O04	.2	17	1.7	25	66	.01	58	20.20	6.06	118	1.6
6222981	6253334	5	2005	53334	3334	0	21	333704	6101639	13O04	.2	29	2.9	25	88	.01	73	25.40	6.06	111	1.3
6222982	6253335	5	2005	53335	3335	0	21	333165	6105097	13O04	5.0	31	2.8	25	81	.01	35	25.00	6.32	92	1.2
6222983	6253336	5	2005	53336	3336	0	21	335390	6106611	13O04	.2	31	2.9	25	89	.01	72	39.80	6.62	107	1.7
6222984	6253337	5	2005	53337	3337	0	21	337447	6108780	13O04	.2	20	2.2	25	47	.07	75	30.30	6.14	136	1.8
6222985	6253338	5	2005	53338	3338	0	21	339330	6110230	13O04	.2	42	4.3	25	71	.01	63	27.40	6.43	112	1.3
6222988	6253341	5	2005	53341	3341	0	21	339418	6115027	13O04	.2	18	1.7	25	45	.01	66	49.80	6.53	123	1.3
6222989	6253342	5	2005	53342	3342	0	21	338857	6116293	13O04	.2	32	2.2	110	76	.08	55	34.00	6.56	60	1.0
6222991	6253343	2	2005	53343	3343	0	21	339732	6118226	13O04	.2	15	1.5	25	49	.05	42	#NULL!	#NULL!	#NULL!	#NULL!
6222992	6253344	5	2005	53344	3344	0	21	337364	6115912	13O04	.2	16	1.5	25	31	.01	53	70.80	6.60	164	2.7
6222993	6253345	5	2005	53345	3345	0	21	337194	6114000	13O04	.2	17	1.6	90	43	.07	61	38.30	6.52	84	1.5
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6222995	6253347	5	2005	53347	3347	0	21	337440	6112299	13O04	.2	19	1.8	25	66	.01	59	61.00	6.65	86	2.1

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	w1	y2	yb1	zn1	zn2	zr1	zr2	conduct	ph_w	alw2	baw2
6222996	6253348	5	2005	53348	3348	0	21	335183	6111484	13O04	.2	14	1.2	25	34	.01	36	29.60	5.96	162	1.7
6222997	6253349	5	2005	53349	3349	0	21	333371	6111817	13O04	.2	17	2.0	25	34	.06	51	41.80	6.36	152	1.5
6222998	6253350	5	2005	53350	3350	0	21	335832	6109573	13O04	.2	18	2.0	25	71	.01	72	26.60	6.11	111	1.4
6222999	6253351	5	2005	53351	3351	0	21	335214	6107906	13O04	.2	16	1.6	100	61	.01	61	24.20	5.93	160	1.2
6223001	6253352	5	2005	53352	3352	0	21	333707	6106305	13O04	.2	19	1.6	90	61	.01	46	26.60	6.45	71	1.0
6223002	6253353	5	2005	53353	3353	0	21	332837	6106767	13O04	.2	17	1.9	110	51	.01	58	26.60	6.48	72	1.0
6223003	6253354	5	2005	53354	3354	0	21	332016	6105799	13O04	5.0	22	1.9	90	73	.01	45	23.90	6.27	63	.9
6223004	6253355	5	2005	53355	3355	0	21	331631	6103707	13O04	.2	25	2.4	80	68	.01	65	32.60	6.64	102	.9
6223005	6253356	5	2005	53356	3356	0	21	330997	6102399	13O04	.2	27	2.5	25	75	.01	84	26.70	6.34	154	1.7
6223006	6253357	5	2005	53357	3357	0	21	324833	6099081	13O04	.2	13	1.1	25	47	.01	36	19.51	6.13	115	1.2
6223007	6253358	5	2005	53358	3358	0	21	325972	6100833	13O04	.2	22	1.7	25	77	.01	75	18.97	6.14	69	1.0
6223008	6253359	5	2005	53359	3359	0	21	328024	6102944	13O04	.2	15	.9	25	57	.01	30	20.10	6.01	158	1.5
6223009	6253360	5	2005	53360	3360	0	21	329147	6103944	13O04	.2	22	1.7	25	94	.01	44	21.30	6.15	116	1.4
6223011	6253361	5	2005	53361	3361	0	21	330077	6106016	13O04	.2	13	1.2	25	51	.01	41	28.40	6.48	78	1.2
6223012	6253362	5	2005	53362	3362	0	21	330078	6106016	13O04	.2	12	1.2	100	50	.01	41	28.30	6.46	82	1.3
6223013	6253363	5	2005	53363	3363	0	21	328256	6105703	13O04	4.0	18	1.4	90	70	.01	35	20.80	6.26	91	1.4
6223014	6253364	5	2005	53364	3364	0	21	327559	6103489	13O04	.2	16	1.3	25	67	.01	49	22.20	6.23	111	1.5
6223015	6253365	5	2005	53365	3365	0	21	325847	6103770	13O04	.2	9	.6	80	40	.01	17	24.30	6.45	81	1.2
6223039	6253366	5	2005	53366	3366	0	21	323244	6103690	13O04	.2	36	2.0	140	160	.01	44	19.88	6.28	53	1.6
6223041	6253367	5	2005	53367	3367	0	21	322548	6102053	13O04	.2	27	1.5	170	125	.01	28	21.20	6.24	55	1.7
6223042	6253368	5	2005	53368	3368	0	21	323422	6099770	13O04	.2	13	.9	25	55	.01	20	19.57	5.95	109	1.3
6223043	6253369	5	2005	53369	3369	0	21	316210	6097728	13J13	.2	19	1.4	25	87	.01	62	19.81	6.31	57	1.9
6223044	6253370	5	2005	53370	3370	0	21	317427	6097261	13J13	.2	12	.8	25	55	.01	30	18.82	6.20	67	2.0
6223045	6253371	5	2005	53371	3371	0	21	319421	6097458	13J13	.2	14	1.1	70	70	.04	43	24.90	6.36	126	1.5
6223046	6253372	5	2005	53372	3372	0	21	323463	6097376	13J13	.2	26	1.5	70	71	.01	21	16.52	5.86	91	1.3
6223047	6253373	5	2005	53373	3373	0	21	322866	6093242	13J13	.2	13	.8	25	7	.01	6	16.26	5.26	136	.7
6223048	6253374	5	2005	53374	3374	0	21	322416	6091223	13J13	.2	14	.8	90	41	.01	25	19.34	5.75	240	1.7
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6223051	6253376	5	2005	53376	3376	0	21	316230	6091955	13J13	.2	12	.6	25	50	.01	10	23.60	6.03	95	3.2
6223052	6253377	5	2005	53377	3377	0	21	319744	6091825	13J13	.2	36	2.6	25	53	.01	41	15.37	5.79	150	1.4
6223053	6253378	5	2005	53378	3378	0	21	319771	6099023	13O04	.2	8	.7	25	26	.01	27	20.00	6.34	81	2.4
6223054	6253379	5	2005	53379	3379	0	21	320615	6100795	13O04	.2	24	1.6	70	59	.01	10	15.76	6.11	29	2.1
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6223056	6253381	5	2005	53381	3381	0	21	319162	6100849	13O04	.2	6	.6	25	12	.01	12	16.55	6.09	99	1.8
6223057	6253382	5	2005	53382	3382	0	21	317992	6101423	13O04	.2	20	1.5	25	60	.01	16	15.79	6.18	59	1.7
6223058	6253383	5	2005	53383	3383	0	21	317260	6102191	13O04	.2	24	1.5	25	87	.01	17	17.24	6.23	73	1.8
6223059	6253384	5	2005	53384	3384	0	21	318456	6103845	13O04	3.0	22	1.4	120	102	.03	22	19.81	6.36	78	1.6
6223061	6253385	5	2005	53385	3385	0	21	319925	6105210	13O04	.2	20	1.1	25	48	.01	15	22.10	5.99	104	1.7
6223062	6253386	5	2005	53386	3386	0	21	321927	6104593	13O04	.2	26	1.6	25	84	.04	20	20.90	6.44	48	1.4
6223063	6253387	5	2005	53387	3387	0	21	321457	6106429	13O04	.2	24	1.6	25	57	.01	10	19.80	6.14	27	1.3
6223064	6253388	5	2005	53388	3388	0	21	322041	6107386	13O04	.2	35	4.1	25	31	.02	12	21.90	6.24	48	1.0
6223065	6253389	5	2005	53389	3389	0	21	323553	6106912	13O04	.2	29	1.8	90	48	.01	12	17.32	6.11	33	.8
6223066	6253390	5	2005	53390	3390	0	21	323221	6108350	13O04	.2	76	9.8	80	51	.01	16	21.70	5.76	65	1.2
6223067	6253391	5	2005	53391	3391	0	21	325017	6107665	13O04	.2	86	7.9	25	44	.01	45	19.43	6.46	74	.8
6223068	6253392	5	2005	53392	3392	0	21	326500	6107189	13O04	.2	49	5.8	70	53	.01	52	19.19	6.35	114	.8
6223069	6253393	5	2005	53393	3393	0	21	327360	6108920	13O04	.2	73	5.8	50	80	.01	101	13.20	5.44	7	.6
6223071	6253394	5	2005	53394	3394	0	21	331472	6108942	13O04	.2	8	1.6	25	13	.01	5	20.80	5.15	50	.5
6223072	6253395	5	2005	53395	3395	0	21	329492	6109909	13O04	.2	138	11.6	70	69	.06	26	25.60	5.81	104	1.1
6223073	6253396	5	2005	53396	3396	0	21	328594	6110708	13O04	.2	65	5.0	25	67	.08	58	22.50	6.68	41	.9
6223074	6253397	5	2005	53397	3397	0	21	326956	6109901	13O04	.2	187	14.7	25	58	.09	34	16.08	6.26	16	.5
6223075	6253398	5	2005	53398	3398	0	21	332105	6115919	13O04	.2	42	3.8	80	75	.01	61	72.20	6.56	93	1.0
6223076	6253399	5	2005	53399	3399	1	21	326682	6113689	13O04	.2	192	20.0	90	45	.07	29	40.90	6.37	75	.9
6223077	6253400	5	2005	53400	3400	2	21	326682	6113689	13O04	3.0	221	19.7	25	50	.06	30	40.80	6.35	72	.9
6223078	6253401	5	2005	53401	3401	0	21	324251	6113003	13O04	3.0	103	8.9	25	24	.05	30	24.80	6.47	73	.8
6223079	6253402	5	2005	53402	3402	0	21	325074	6111058	13O04	.2	253	23.7	25	46	.05	37	18.32	6.27	54	.7
6223081	6253403	5	2005	53403	3403	0	21	319846	6109053	13O04	.2	14	.9	25	40	.05	64	25.10	6.35	75	1.0
6223082	6253404	5	2005	53404	3404	0	21	318738	6107628	13O04	1.0	19	1.0	25	74	.01	23	21.60	6.16	106	1.3
6223083	6253405	5	2005	53405	3405	0	21	316827	6106136	13O04	.2	21	1.0	25	85	.01	106	22.70	6.07	94	2.4
6223084	6253406	5	2005	53406	3406	0	21	317270	6104763	13O04	.2	12	.8	25	44	.01	13	15.85	5.85	56	1.1
6223085	6253407	5	2005	53407	3407	0	21	315468	6103642	13O04	.2	18	1.2	25	73	.01	31	20.90	6.27	127	2.4
6223086	6253408	5	2005	53408	3408	0	21	316490	6100236	13O04	.2	12	.8	25	28	.01	12	15.05	6.16	55	1.5
6223087	6253409	5	2005	53409	3409	0	21	315297	6100373	13O04	.2	12	.9	25	44	.01	22	17.19	6.19	99	1.5
6223088	6253410	5	2005	53410	3410	0	21	314277	6101050	13O04	.2	8	.6	25	27	.01	11	18.02	6.19	132	1.8
6223089	6253411	5	2005	53411	3411	0	21	312761	6099032	13O04	3.0	33	1.8	160	118	.06	34	23.30	6.63	66	1.8
6223091	6253412	5	2005	53412	3412	0	21	312307	6102657	13O04	.2	19	1.1	60	64	.01	39	19.71	6.46	87	1.6
6223092	6253413	5	2005	53413	3413	0	21	313882	6104580	13O04	.2	30	1.9	25	73	.01	42	18.22	6.06	69	1.5
6223093	6253414	5	2005	53414	3414	0	21	315220	6105951	13O04	.2	34	1.7	60	179	.01	54	24.30	6.68	50	1.9
6223094	6253415	5	2005	53415	3415	0	21	316221	6108119	13O04	.2	15	.9	25	53	.01	69	25.20	6.51	61	2.1
6223095	6253416	5	2005	53416	3416	0	21	318483	6110428	13O04	.2	7	.1	25	20	.01	19	23.20	6.48	125	1.4

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	w1	y2	yb1	zn1	zn2	zr1	zr2	conduct	ph_w	alw2	baw2
6223096	6253417	5	2005	53417	3417	0	21	316922	6110084	13O04	.2	17	1.0	25	66	.01	83	30.60	6.72	52	1.9
6223097	6253418	5	2005	53418	3418	0	21	314888	6110864	13O04	.2	13	1.0	25	37	.04	60	23.00	6.62	73	1.1
6223098	6253419	5	2005	53419	3419	1	21	314439	6112346	13O04	.2	15	1.2	25	62	.01	71	21.30	6.34	128	1.1
6223099	6253420	5	2005	53420	3420	2	21	314439	6112346	13O04	.2	15	1.4	25	61	.06	68	21.20	6.33	127	1.0
6223101	6253421	5	2005	53421	3421	0	21	311780	6111825	13O04	.2	16	1.2	25	48	.01	81	38.50	6.50	136	.4
6223102	6253422	5	2005	53422	3422	0	21	312240	6108625	13O04	.2	15	.9	25	41	.01	24	21.40	6.61	105	1.3
6223103	6253423	5	2005	53423	3423	0	21	313858	6108500	13O04	.2	25	1.7	80	62	.01	23	18.30	6.47	34	.9
6223104	6253424	5	2005	53424	3424	0	21	313742	6106304	13O04	.2	13	.9	25	50	.01	84	18.13	6.26	72	1.3
6223105	6253425	5	2005	53425	3425	0	21	311860	6104584	13O04	.2	22	1.5	25	59	.01	30	18.27	6.47	82	1.5
6223106	6253426	5	2005	53426	3426	0	20	669969	6100398	13N01	.2	13	1.2	25	55	.01	61	13.98	6.50	57	1.0
6223107	6253427	5	2005	53427	3427	0	20	670870	6101300	13N01	.2	15	1.3	25	81	.01	61	13.36	6.31	77	.8
6223108	6253428	5	2005	53428	3428	0	20	668994	6101537	13N01	.2	17	1.5	25	89	.01	62	31.80	6.89	100	1.5
6223109	6253429	5	2005	53429	3429	0	20	669782	6103550	13N01	.2	27	2.5	90	94	.01	113	22.50	6.63	94	1.2
6223111	6253430	5	2005	53430	3430	0	20	671670	6104829	13N01	.2	25	2.0	25	90	.01	106	23.90	6.58	88	.6
6223112	6253431	5	2005	53431	3431	0	20	672121	6105720	13N01	.2	11	1.2	25	68	.01	56	18.98	6.28	92	.5
6223113	6253432	5	2005	53432	3432	0	20	673512	6106966	13N01	.2	11	1.0	25	47	.01	69	16.99	6.48	68	.9
6223114	6253433	5	2005	53433	3433	0	20	674010	6108526	13N01	.2	12	1.0	25	53	.01	15	15.24	6.08	45	.7
6223115	6253434	5	2005	53434	3434	0	20	675610	6109364	13N01	.2	18	1.7	130	97	.01	74	22.80	6.57	126	1.1
6223116	6253435	5	2005	53435	3435	0	20	676300	6109942	13N01	2.0	17	1.4	60	85	.01	93	26.80	6.68	95	.8
6223117	6253436	5	2005	53436	3436	0	20	676630	6112483	13N01	.2	27	2.3	25	100	.01	112	17.60	6.43	35	.3
6223118	6253437	5	2005	53437	3437	0	20	678453	6112704	13N01	.2	15	1.4	25	88	.01	70	19.90	6.30	103	.6
6223119	6253438	5	2005	53438	3438	0	20	680548	6114850	13N01	.2	13	1.3	25	80	.01	81	18.70	6.48	67	.6
6223121	6253439	5	2005	53439	3439	1	20	681845	6116200	13N01	.2	13	1.2	25	67	.04	61	18.14	6.56	46	.7
6223122	6253440	5	2005	53440	3440	2	20	681845	6116206	13N01	.2	12	1.2	50	67	.04	56	18.49	6.56	44	.7
6223123	6253441	5	2005	53441	3441	0	20	681916	6117635	13N01	.2	15	1.4	25	77	.01	83	35.40	6.98	67	1.2
6223124	6253442	5	2005	53442	3442	0	20	681107	6118569	13N01	.2	18	1.5	60	95	.01	78	23.50	6.52	77	.6
6223125	6253443	5	2005	53443	3443	0	20	681226	6120100	13N01	.2	18	1.5	90	81	.01	71	29.40	6.61	55	.8
6223126	6253444	5	2005	53444	3444	0	20	682896	6120584	13N01	.2	14	1.5	25	64	.01	82	28.60	6.46	108	.6
6223127	6253445	5	2005	53445	3445	0	20	683965	6120866	13N01	.2	15	1.3	25	73	.01	79	30.10	6.45	104	.9
6223128	6253446	5	2005	53446	3446	0	20	684022	6121811	13N01	.2	14	1.4	60	72	.01	60	32.90	6.53	93	1.1
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6223131	6253448	5	2005	53448	3448	0	20	684798	6123570	13N01	.2	22	1.9	100	90	.01	84	32.20	6.05	90	1.2
6223132	6253449	5	2005	53449	3449	0	20	683857	6124412	13N01	.2	24	2.1	60	81	.01	94	50.40	6.29	81	1.0
6223133	6253450	5	2005	53450	3450	0	20	678110	6125208	13N01	.2	20	1.8	25	77	.01	94	51.40	6.57	53	.4
6223134	6253451	5	2005	53451	3451	0	20	677149	6124815	13N01	.2	17	1.5	25	64	.02	106	36.90	6.49	219	1.0
6223135	6253452	5	2005	53452	3452	0	20	677895	6121899	13N01	.2	22	1.9	120	100	.06	65	22.70	6.24	71	.4
6223136	6253453	5	2005	53453	3453	0	20	677852	6120815	13N01	.2	16	1.3	25	78	.01	74	30.80	6.63	66	.6
6223137	6253454	5	2005	53454	3454	0	20	677225	6120280	13N01	.2	30	2.3	60	116	.01	56	24.60	6.53	65	.6
6223138	6253455	5	2005	53455	3455	0	20	677715	6116724	13N01	.2	17	1.5	25	68	.01	86	36.60	6.73	96	.5
6223139	6253456	5	2005	53456	3456	0	20	679008	6115939	13N01	.2	16	1.3	70	67	.01	43	23.50	6.57	102	.8
6223141	6253457	5	2005	53457	3457	0	20	677000	6114100	13N01	.2	16	1.5	60	96	.03	53	19.78	6.30	62	.5
6223142	6253458	5	2005	53458	3458	0	20	675543	6112510	13N01	.2	15	1.4	25	81	.01	65	20.00	6.34	77	.4
6223143	6253459	5	2005	53459	3459	1	20	673769	6110240	13N01	.2	14	.9	25	57	.01	38	29.90	6.49	103	1.1
6223144	6253460	5	2005	53460	3460	2	20	673769	6110240	13N01	.2	14	1.0	60	60	.01	35	30.00	6.72	106	1.2
6223145	6253461	5	2005	53461	3461	0	20	672121	6108087	13N01	.2	8	.7	25	44	.01	37	31.10	6.74	105	1.1
6223146	6253462	5	2005	53462	3462	0	20	670480	6104824	13N01	.2	17	1.3	25	74	.03	91	18.40	6.50	68	.4
6223147	6253463	5	2005	53463	3463	0	20	667061	6098782	13N01	.2	22	1.8	100	91	.01	56	15.87	6.53	124	1.4
6223148	6253464	5	2005	53464	3464	0	20	666983	6097341	13K16	.2	10	.9	25	39	.01	57	14.03	6.40	130	1.1
6223149	6253465	5	2005	53465	3465	0	20	672162	6092773	13K16	.2	16	1.1	70	70	.01	60	10.90	6.24	62	.7
6223151	6253466	5	2005	53466	3466	0	20	675093	6091404	13K16	.2	13	.7	25	35	.01	43	11.28	6.31	45	2.1
6223152	6253467	5	2005	53467	3467	0	20	676276	6091164	13K16	.2	27	1.7	80	103	.01	16	19.03	6.74	31	2.5
6223153	6253468	5	2005	53468	3468	0	20	678945	6090055	13K16	.2	14	.9	25	42	.01	16	11.44	6.26	67	1.0
6223154	6253469	5	2005	53469	3469	0	20	682347	6088580	13K16	.2	9	.6	25	24	.01	19	9.54	6.17	48	.7
6223155	6253470	5	2005	53470	3470	0	20	686381	6088116	13K16	.2	17	1.0	80	50	.01	13	13.38	6.50	56	1.1
6223156	6253471	5	2005	53471	3471	0	20	688868	6089040	13K16	.2	39	2.2	90	118	.01	27	11.63	6.39	52	.9
6223157	6253472	5	2005	53472	3472	0	20	690065	6089294	13K16	.2	6	.3	25	17	.01	24	9.62	5.78	133	.7
6223158	6253473	5	2005	53473	3473	0	21	308388	6091165	13J13	.2	17	1.1	25	40	.01	15	15.28	6.38	93	1.1
6223159	6253474	5	2005	53474	3474	0	20	664587	6098593	13N01	.2	45	3.0	110	107	.01	25	13.05	6.34	58	1.2
6223161	6253475	5	2005	53475	3475	0	20	666040	6101514	13N01	.2	17	1.5	25	87	.01	68	22.10	6.60	123	1.0
6223162	6253476	5	2005	53476	3476	0	20	666940	6104438	13N01	.2	17	1.5	80	84	.01	80	22.20	6.64	98	1.0
6223163	6253477	5	2005	53477	3477	0	20	668707	6109395	13N01	.2	8	.6	25	36	.01	46	15.67	6.15	122	.7
6223164	6253478	5	2005	53478	3478	0	20	671531	6110777	13N01	.2	24	1.8	90	108	.01	67	31.70	6.79	91	.9
6223165	6253479	5	2005	53479	3479	0	20	672511	6114154	13N01	.2	29	1.9	25	87	.01	53	21.30	6.66	80	.7
6223167	6253481	5	2005	53481	3481	0	20	674647	6116096	13N01	.2	22	2.0	25	79	.01	31	17.62	6.26	42	.4
6223168	6253482	5	2005	53482	3482	0	20	674392	6117209	13N01	.2	26	2.0	90	91	.01	34	19.80	6.30	89	.7
6223169	6253483	5	2005	53483	3483	0	20	672304	6116872	13N01	.2	23	1.9	25	114	.01	50	22.40	6.53	70	.8
6223171	6253484	5	2005	53484	3484	0	20	672917	6119530	13N01	.2	22	2.0	25	90	.01	93	23.30	6.54	106	.7
6223172	6253485	5	2005	53485	3485	0	20	673563	6121609	13N01	.2	23	2.0	90	79	.01	87	21.50	6.42	79	.5
6223173	6253486	5	2005	53486	3486	0	20	671760	6121662	13N01	.2	17	1.2	25	54	.01	32	19.15	6.41	82	.6

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	w1	y2	yb1	zn1	zn2	zr1	zr2	conduct	ph w	alw2	baw2
6223174	6253487	5	2005	53487	3487	0	20	670606	6119471	13N01	.2	13	1.3	25	66	.01	51	20.40	6.35	130	.6
6223175	6253488	5	2005	53488	3488	0	20	670288	6117839	13N01	.2	17	1.8	25	63	.01	109	21.10	6.26	63	.4
6223176	6253489	5	2005	53489	3489	0	20	670238	6116543	13N01	.2	13	1.3	120	82	.01	65	25.30	6.70	93	.7
6223177	6253490	5	2005	53490	3490	0	20	671354	6115377	13N01	.2	24	1.6	25	69	.01	32	18.03	6.21	122	.6
6223178	6253491	5	2005	53491	3491	0	20	669232	6115232	13N01	.2	16	1.4	25	83	.01	74	22.60	6.56	50	.4
6223179	6253492	5	2005	53492	3492	0	20	669111	6112108	13N01	.2	18	1.5	70	58	.01	77	19.27	6.49	86	.7
6223181	6253493	5	2005	53493	3493	0	20	668679	6111304	13N01	.2	17	1.4	25	46	.01	28	13.04	6.24	34	.4
6223182	6253494	5	2005	53494	3494	0	20	666965	6109479	13N01	.2	13	1.1	25	56	.01	61	15.86	6.01	78	.8
6223183	6253495	5	2005	53495	3495	0	20	666986	6110555	13N01	.2	15	1.0	25	42	.01	25	13.53	6.22	30	.4
6223184	6253496	5	2005	53496	3496	0	20	667043	6112859	13N01	.2	12	.9	25	25	.01	15	13.61	6.10	29	.4
6223185	6253497	5	2005	53497	3497	0	20	665210	6112011	13N01	2.0	11	.9	25	49	.01	42	21.70	6.57	97	.9
6223186	6253498	5	2005	53498	3498	0	20	663160	6112261	13N01	.2	5	.3	25	20	.01	17	9.95	5.73	57	.6
6223187	6253499	5	2005	53499	3499	1	20	662508	6110119	13N01	.2	25	2.0	25	95	.01	45	15.25	6.51	23	1.0
6223188	6253500	5	2005	53500	3500	2	20	662508	6110119	13N01	.2	17	1.3	90	78	.01	24	15.29	6.43	25	1.0
6223189	6253501	5	2005	53501	3501	0	20	664585	6110250	13N01	.2	25	2.3	110	86	.01	78	18.24	6.56	112	1.1
6223191	6253502	5	2005	53502	3502	0	20	664447	6107848	13N01	.2	13	1.2	25	51	.01	47	19.06	6.48	117	.9
6223192	6253503	5	2005	53503	3503	0	20	660064	6106296	13N01	.2	14	1.2	25	65	.01	66	31.20	6.99	57	1.7
6223193	6253504	5	2005	53504	3504	0	20	663691	6104181	13N01	.2	17	1.3	25	62	.01	33	20.00	6.63	86	.8
6223194	6253505	5	2005	53505	3505	0	20	661230	6102146	13N01	.2	21	1.9	25	92	.01	84	19.16	6.66	54	.7
6223195	6253506	5	2005	53506	3506	0	20	664980	6102884	13N01	.2	20	1.7	80	106	.01	81	17.43	6.54	82	1.0
6223196	6253507	5	2005	53507	3507	0	20	663978	6101482	13N01	.2	23	2.3	110	122	.01	82	17.09	6.50	100	1.4
6223197	6253508	5	2005	53508	3508	0	20	663085	6098207	13N01	.2	14	1.5	25	45	.01	76	14.34	6.31	73	1.4
6223198	6253509	5	2005	53509	3509	0	20	660732	6099853	13N01	.2	22	2.4	25	95	.01	120	20.60	6.59	119	1.1
6223199	6253510	5	2005	53510	3510	0	20	660163	6097678	13N01	.2	15	1.4	25	64	.01	31	10.89	6.03	104	.9
6223201	6253511	5	2005	53511	3511	0	20	661081	6096641	13K16	.2	53	3.5	25	91	.01	35	10.30	6.00	77	1.1
6223202	6253512	5	2005	53512	3512	0	20	663243	6096686	13K16	.2	25	1.5	25	70	.01	17	12.00	6.17	79	1.3
6223203	6253513	5	2005	53513	3513	0	20	660546	6093275	13K16	.2	23	1.4	25	43	.01	29	13.98	6.51	73	1.4
6223204	6253514	5	2005	53514	3514	0	20	662942	6094282	13K16	.2	20	1.5	25	33	.01	24	12.88	6.34	102	1.3
6223205	6253515	5	2005	53515	3515	0	20	660909	6091155	13K16	.2	13	.8	25	29	.01	15	13.15	6.36	73	1.0
6223206	6253516	5	2005	53516	3516	0	20	661082	6084805	13K16	.2	20	2.0	25	89	.01	108	16.09	6.48	44	1.1
6223207	6253517	5	2005	53517	3517	0	20	665703	6081997	13K16	.2	17	1.1	25	34	.01	21	20.20	6.69	61	1.7
6223208	6253518	5	2005	53518	3518	0	20	668177	6081994	13K16	.2	15	1.0	25	33	.01	13	12.00	6.19	47	1.1
6223209	6253519	5	2005	53519	3519	1	20	672965	6081499	13K16	.2	39	2.7	25	87	.01	20	9.61	6.11	43	1.0
6223211	6253520	5	2005	53520	3520	2	20	672965	6081499	13K16	.2	45	3.2	70	90	.01	48	9.64	6.11	46	.9
6223212	6253521	5	2005	53521	3521	0	20	676271	6080194	13K16	.2	21	1.4	70	47	.01	24	9.36	6.03	63	1.1
6223213	6253522	5	2005	53522	3522	0	20	689627	6076037	13K16	.2	39	2.6	90	172	.01	33	42.90	7.15	15	5.6
6223214	6253523	5	2005	53523	3523	0	20	690313	6075665	13K16	.2	11	.7	25	42	.01	10	50.70	7.32	44	3.6
6223215	6253524	5	2005	53524	3524	0	20	691214	6075618	13K16	.2	14	.9	60	47	.01	26	68.40	7.43	30	6.4
6223216	6253525	5	2005	53525	3525	0	20	692303	6074026	13K16	.2	28	2.0	50	92	.01	13	27.30	6.81	121	3.9
6223217	6253526	5	2005	53526	3526	0	20	690742	6073132	13K16	.2	18	1.3	70	81	.01	22	24.90	6.95	28	2.3
6223218	6253527	5	2005	53527	3527	0	20	689487	6072248	13K16	.2	20	1.7	60	73	.01	16	33.10	7.12	85	3.5
6223219	6253528	5	2005	53528	3528	0	20	687897	6072593	13K16	.2	12	.9	25	54	.01	7	36.70	7.15	57	4.2
6223221	6253529	5	2005	53529	3529	0	20	685835	6072774	13K16	.2	69	6.1	50	55	.01	6	51.60	7.31	53	3.1
6223222	6253530	5	2005	53530	3530	0	20	682268	6072640	13K16	.2	23	1.6	25	74	.01	16	15.93	6.44	58	1.7
6223223	6253531	5	2005	53531	3531	0	20	681522	6070985	13K16	.2	14	.9	90	66	.01	9	16.01	6.52	69	2.9
6223224	6253532	5	2005	53532	3532	0	20	678452	6071721	13K16	.2	35	2.3	150	95	.01	20	16.48	6.70	60	1.8
6223225	6253533	5	2005	53533	3533	0	20	677343	6070815	13K16	.2	16	.9	110	65	.06	22	14.04	6.57	47	1.3
6223226	6253534	5	2005	53534	3534	0	20	674588	6070793	13K16	.2	30	3.0	190	113	.01	107	10.20	6.22	71	1.3
6223227	6253535	5	2005	53535	3535	0	20	672142	6071069	13K16	.2	12	1.3	80	32	.01	13	12.49	6.48	45	1.4
6223228	6253536	5	2005	53536	3536	0	20	669700	6070390	13K16	.2	33	2.3	90	90	.01	48	16.75	6.73	70	1.8
6223229	6253537	5	2005	53537	3537	0	20	667234	6071066	13K16	.2	23	2.1	160	75	.01	21	15.46	6.70	71	2.0
6223231	6253538	5	2005	53538	3538	0	20	664760	6070426	13K16	.2	12	.8	25	40	.01	21	14.94	6.60	40	1.5
6223232	6253539	5	2005	53539	3539	1	20	665597	6072740	13K16	.2	13	1.2	25	38	.01	32	12.85	6.47	77	1.6
6223233	6253540	5	2005	53540	3540	2	20	665597	6072740	13K16	.2	13	1.0	25	38	.01	27	12.92	6.41	80	1.6
6223234	6253541	5	2005	53541	3541	0	20	666488	6074069	13K16	.2	28	2.5	25	79	.01	19	12.36	6.45	71	1.7
6223235	6253542	5	2005	53542	3542	0	20	669288	6073143	13K16	.2	16	1.1	60	41	.01	11	14.13	6.55	78	1.8
6223236	6253543	5	2005	53543	3543	0	20	671770	6072395	13K16	.2	23	1.7	25	64	.01	17	13.33	6.53	63	1.7
6223237	6253544	5	2005	53544	3544	0	20	673839	6073235	13K16	.2	13	1.2	80	48	.01	35	14.38	6.51	54	1.8
6223238	6253545	5	2005	53545	3545	0	20	676090	6073505	13K16	2.0	19	1.2	25	31	.01	10	10.04	6.23	88	1.1
6223239	6253546	5	2005	53546	3546	0	20	678710	6073735	13K16	.2	37	2.9	25	87	.01	117	9.94	6.22	60	1.0
6223241	6253547	5	2005	53547	3547	0	20	680734	6073720	13K16	.2	27	2.1	25	81	.01	21	10.44	6.10	83	1.3
6223242	6253548	5	2005	53548	3548	0	20	682997	6074074	13K16	.2	30	2.5	140	113	.01	29	16.38	6.57	40	2.1
6223243	6253549	5	2005	53549	3549	0	20	684372	6075029	13K16	.2	27	2.0	60	68	.01	14	19.80	6.64	60	3.6
6223244	6253550	5	2005	53550	3550	0	20	686372	6074534	13K16	.2	30	1.6	25	39	.01	11	48.40	7.26	45	7.6
6223245	6253551	5	2005	53551	3551	0	20	687211	6076253	13K16	.2	24	1.4	70	57	.01	15	29.80	7.08	21	3.0
6223246	6253552	5	2005	53552	3552	0	20	685463	6076123	13K16	.2	35	2.7	25	117	.01	40	26.10	7.00	20	2.8
6223247	6253553	5	2005	53553	3553	0	20	683552	6076044	13K16	.2	39	2.8	60	113	.01	26	13.44	6.46	59	1.4
6223248	6253554	5	2005	53554	3554	0	20	681050	6076019	13K16	.2	28	1.8	80	92	.01	23	11.16	6.11	100	1.2
6223249	6253555	5	2005	53555	3555	0	20	678743	6075565	13K16	.2	10	.5	25	29	.04	24	10.01	6.25	58	.9

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	w1	y2	yb1	zn1	zn2	zr1	zr2	conduct	ph w	alw2	baw2
6223251	6253556	5	2005	53556	3556	0	20	674420	6075896	13K16	.2	13	1.1	70	43	.01	33	10.03	6.26	42	.9
6223252	6253557	5	2005	53557	3557	0	20	671632	6075822	13K16	.2	13	.8	25	29	.01	11	10.36	6.18	73	1.4
6223253	6253558	5	2005	53558	3558	0	20	669738	6074972	13K16	.2	22	1.8	25	46	.01	23	10.76	6.33	70	1.2
6223254	6253559	5	2005	53559	3559	1	20	671500	6076895	13K16	.2	10	.7	25	25	.03	38	8.59	5.84	102	1.1
6223255	6253560	5	2005	53560	3560	2	20	671500	6076895	13K16	.2	8	.7	25	22	.03	35	8.65	5.86	92	1.1
6223256	6253561	5	2005	53561	3561	0	20	677215	6076765	13K16	.2	34	3.1	25	73	.01	17	9.00	6.18	61	.8
6223257	6253562	5	2005	53562	3562	0	20	680500	6078700	13K16	.2	16	1.3	25	44	.01	17	10.62	6.26	52	.9
6223258	6253563	5	2005	53563	3563	0	20	682820	6079850	13K16	.2	13	.9	25	29	.01	7	9.79	5.97	74	.9
6223259	6253564	5	2005	53564	3564	0	20	685480	6078472	13K16	.2	22	1.9	100	78	.01	11	11.13	6.25	52	1.0
6223261	6253565	5	2005	53565	3565	0	20	688334	6079160	13K16	.2	32	1.8	50	52	.01	12	27.40	7.01	28	3.4
6223262	6253566	5	2005	53566	3566	0	20	689130	6080090	13K16	.2	14	1.1	25	40	.03	6	23.00	6.86	69	3.5
6223263	6253567	5	2005	53567	3567	0	20	689685	6065065	13K09	.2	81	6.8	70	98	.08	7	9.57	5.67	37	.8
6223264	6253568	5	2005	53568	3568	0	20	686190	6062127	13K09	.2	59	4.6	110	98	.01	25	7.86	5.80	93	1.0
6223265	6253569	5	2005	53569	3569	0	20	673750	6055691	13K09	.2	80	6.3	100	63	.01	45	10.37	6.18	87	2.4
6223266	6253570	5	2005	53570	3570	0	20	676151	6066709	13K09	.2	24	2.5	70	95	.01	120	43.70	6.62	162	3.7
6223267	6253571	5	2005	53571	3571	0	20	690259	6078853	13K16	.2	24	1.8	160	153	.01	13	23.30	6.97	22	2.9
6223268	6253572	5	2005	53572	3572	0	20	691262	6078748	13K16	.2	28	2.0	90	95	.01	18	35.70	7.15	39	4.6
6223269	6253573	5	2005	53573	3573	0	20	691492	6080377	13K16	.2	29	1.8	110	83	.01	9	34.80	7.19	42	4.2
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6223302	6253602	5	2005	53602	3602	0	20	668726	6088159	13K16	.2	20	1.7	120	102	.01	81	13.72	6.50	66	1.0
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6223307	6253607	5	2005	53607	3607	0	20	670007	6105230	13N01	.2	17	1.6	100	82	.01	73	15.45	6.19	83	.4
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6223351	6253646	5	2005	53646	3646	0	20	688655	6091006	13K16	.2	19	1.1	80	67	.01	11	9.70	6.07	51	.6
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6223373	6253666	5	2005	53666	3666	0	21	308280	6099386	13O04	5.0	28	1.8	130	77	.01	24	17.21	6.56	61	1.0
6223374	6253667	5	2005	53667	3667	0	21	309649	6105736	13O04	.2	25	1.6	25	137	.01	21	16.89	6.34	65	1.0
6223375	6253668	5	2005	53668	3668	0	21	309205	6104297	13O04	.2	8	.8	80	33	.01	12	18.51	6.21	120	1.3
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6223382	6253674	5	2005	53674	3674	0	21	312172	6095057	13J13	.2	26	2.0	100	100	.01	45	17.21	6.17	131	1.5
6223383	6253675	5	2005	53675	3675	0	21	313746	6094222	13J13	.2	27	1.5	25	87	.01	34	18.74	6.30	131	1.8
6223384	6253676	5	2005	53676	3676	0	21	310948	6092360	13J13	.2	18	1.2	25	53	.01	63	22.90	6.76	44	1.3
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6223386	6253678	5	2005	53678	3678	0	21	309010	6089229	13J13	.2	25	1.1	25	116	.01	30	15.71	6.39	64	1.6
6223387	6253679	5	2005	53679	3679	1	21	310876	6089055	13J13	.2	28	1.6	25	97	.03	101	15.39	6.29	68	1.3
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6223401	6253691	5	2005	53691	3691	0	21	314391	6085513	13J13	.2	40	2.5	25	130	.01	48	19.59	6.52	64	1.7
6223402	6253692	5	2005	53692	3692	0	21	317184	6087274	13J13	.2	8	.5	25	24	.01	4	19.80	6.01	198	2.2
6223403	6253693	5	2005	53693	3693	0	21	315615	6089195	13J13	.2	34	2.0	90	125	.01	66	23.40	6.60	142	3.1
6223404	6253694	5	2005	53694	3694	0	21	317673	6093084	13J13	.2	17	1.0	80	79	.01	17	18.22	6.32	86	2.4

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	w1	y2	yb1	zn1	zn2	zr1	zr2	conduct	ph w	alw2	baw2
6223405	6253695	5	2005	53695	3695	0	21	319780	6094069	13J13	.2	11	.7	70	43	.01	29	29.80	6.43	267	4.8
6223406	6253696	5	2005	53696	3696	0	21	315106	6084105	13J13	.2	12	1.0	25	46	.01	26	19.80	5.81	120	1.7
6223407	6253697	5	2005	53697	3697	0	21	326710	6096336	13J13	.2	29	2.0	50	95	.01	94	20.50	6.03	195	1.4
6223408	6253698	5	2005	53698	3698	0	21	329503	6097556	13J13	.2	21	1.4	25	68	.01	34	22.50	6.06	83	1.3
6223409	6253699	5	2005	53699	3699	1	21	335250	6094598	13J13	.2	27	3.2	25	58	.01	89	19.08	5.88	118	1.7
6223411	6253700	5	2005	53700	3700	2	21	335250	6094598	13J13	.2	26	2.8	60	47	.02	88	19.23	5.89	118	1.7
6223412	6253701	5	2005	53701	3701	0	21	336960	6095210	13J13	.2	21	2.7	60	26	.03	99	20.00	5.97	65	.9
6223413	6253702	5	2005	53702	3702	0	21	339508	6095236	13J13	.2	19	1.9	25	31	.01	25	24.60	6.38	73	1.7
6223414	6253703	5	2005	53703	3703	0	21	337931	6093364	13J13	.2	83	8.4	180	157	.01	21	23.20	6.40	21	1.6
6223415	6253704	5	2005	53704	3704	0	21	338267	6091938	13J13	.2	64	6.7	100	95	.01	114	21.70	6.42	34	1.7
6223416	6253705	5	2005	53705	3705	0	21	336898	6089332	13J13	.2	53	5.5	25	79	.01	64	26.00	6.54	29	2.0
6223417	6253706	5	2005	53706	3706	0	21	331804	6088391	13J13	1.0	15	1.5	25	18	.01	23	13.42	5.74	93	.8
6223418	6253707	5	2005	53707	3707	0	21	331728	6083544	13J13	.2	32	3.3	25	40	.01	78	21.10	6.21	79	2.4
6223419	6253708	5	2005	53708	3708	0	21	333737	6082809	13J13	.2	40	4.1	25	57	.01	39	19.06	6.27	61	2.6
6223421	6253709	5	2005	53709	3709	0	21	331117	6080264	13J13	.2	64	4.5	25	114	.03	156	16.31	6.29	55	2.5
6223422	6253710	5	2005	53710	3710	0	21	334924	6080589	13J13	.2	181	10.8	130	262	.01	43	16.26	6.33	26	2.1
6223423	6253711	5	2005	53711	3711	0	21	338880	6079165	13J13	.2	46	3.4	70	52	.01	34	19.09	6.31	82	3.0
6223424	6253712	5	2005	53712	3712	0	21	338450	6077243	13J13	.2	139	9.9	25	87	.01	18	16.21	6.02	132	3.0
6223425	6253713	5	2005	53713	3713	0	21	335666	6078494	13J13	.2	41	3.6	60	55	.01	37	20.60	6.42	44	3.1
6223426	6253714	2	2005	23714	3714	0	21	332983	6079022	13J13	.2	56	4.3	90	86	.01	88	18.44	6.39	42	2.7
6223427	6223715	2	2005	23715	3715	0	21	344766	6068493	13J11	.2	22	1.5	80	59	.01	14	#NULL!	#NULL!	#NULL!	#NULL!
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labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	w1	y2	yb1	zn1	zn2	zr1	zr2	conduct	ph_w	alw2	baw2
6223482	6223764	2	2005	23764	3764	0	21	361018	6055867	13J11	.2	33	2.4	25	60	.01	37	#NULL!	#NULL!	#NULL!	#NULL!
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6223501	6253781	5	2005	53781	3781	0	21	332065	6077595	13J13	.2	90	7.0	170	114	.01	19	18.20	6.27	67	3.2
6223502	6253782	5	2005	53782	3782	0	21	332654	6076584	13J13	.2	96	7.1	25	81	.01	18	19.80	6.27	85	3.8
6223503	6253783	5	2005	53783	3783	0	21	335886	6075591	13J13	.2	56	4.8	25	63	.06	56	13.81	6.14	77	2.7
6223504	6253784	5	2005	53784	3784	0	21	333802	6075414	13J13	.2	176	14.0	25	141	.01	24	16.58	6.32	43	3.2
6223505	6253785	5	2005	53785	3785	1	21	330347	6075471	13J13	.2	53	3.8	25	79	.04	45	16.62	6.26	50	3.1
6223506	6253786	5	2005	53786	3786	2	21	330347	6075471	13J13	.2	90	6.9	160	143	.01	54	16.26	6.24	47	2.8
6223507	6253787	5	2005	53787	3787	0	21	331911	6073307	13J13	.2	39	2.9	80	79	.01	10	15.15	5.97	66	1.9
6223508	6253788	5	2005	53788	3788	0	21	333692	6072912	13J13	.2	22	1.9	60	32	.01	7	18.02	6.09	94	3.8
6223509	6253789	5	2005	53789	3789	0	21	335107	6072954	13J13	4.0	101	8.1	130	133	.01	34	26.00	4.44	82	3.3
6223511	6253790	5	2005	53790	3790	0	21	334512	6072218	13J13	.2	46	4.2	25	63	.06	13	15.74	6.12	67	2.7
6223512	6253791	5	2005	53791	3791	0	21	337785	6071141	13J13	.2	40	3.6	25	59	.01	74	11.64	6.14	94	2.5
6223513	6253792	5	2005	53792	3792	0	21	337957	6073119	13J13	.2	61	5.4	25	61	.06	21	10.95	5.74	44	1.1
6223514	6253793	5	2005	53793	3793	0	21	325171	6083036	13J13	.2	44	3.8	60	40	.01	23	19.35	6.33	117	2.6
6223515	6253794	5	2005	53794	3794	0	21	326582	6083950	13J13	.2	92	8.2	25	93	.04	92	13.75	5.98	68	1.4
6223516	6253795	5	2005	53795	3795	0	21	325044	6084265	13J13	2.0	26	2.6	80	109	.01	60	18.94	6.40	86	2.6
6223517	6253796	5	2005	53796	3796	0	21	347865	6055514	13J11	.2	93	7.3	25	107	.01	23	13.74	6.12	64	3.7
6223518	6253797	5	2005	53797	3797	0	21	343609	6050759	13J11	.2	19	1.6	25	22	.02	17	16.44	6.24	38	3.2
6223519	6253798	5	2005	53798	3798	0	21	346054	6051331	13J11	.2	26	1.9	25	37	.01	10	24.00	6.71	24	4.8
6223521	6253799	5	2005	53799	3799	0	21	348305	6053030	13J11	.2	21	1.5	25	30	.01	34	20.70	6.18	93	4.2
6223522	6253800	5	2005	53800	3800	0	21	350650	6052162	13J11	2.0	43	3.0	25	23	.03	7	14.76	5.86	83	3.6
6223523	6253801	5	2005	53801	3801	0	21	355425	6053316	13J11	.2	25	1.6	25	8	.01	10	9.95	5.56	41	2.1
6223524	6253802	5	2005	53802	3802	0	21	355347	6052692	13J11	.2	26	2.0	25	37	.01	27	10.75	5.69	55	1.8
6223525	6253803	5	2005	53803	3803	0	21	356342	6050220	13J11	.2	65	2.4	25	22	.01	7	16.88	6.55	3	3.7
6223526	6253804	5	2005	53804	3804	0	21	361208	6053056	13J11	.2	13	.9	25	23	.01	9	14.50	6.01	40	1.6
6223527	6253805	5	2005	53805	3805	1	21	362355	6053650	13J11	.2	10	.8	25	6	.01	10	14.87	5.90	75	1.8
6223528	6253806	5	2005	53806	3806	2	21	362355	6053650	13J11	.2	10	.1	25	6	.01	9	14.85	5.91	68	1.8
6223529	6253807	5	2005	53807	3807	0	21	364240	6055037	13J11	.2	36	2.6	25	37	.01	21	11.68	5.90	24	2.5
6223531	6253808	5	2005	53808	3808	0	21	370474	6053819	13J11	.2	30	1.9	25	33	.01	67	14.95	6.34	9	3.6
6223532	6253809	5	2005	53809	3809	0	21	370550	6047272	13J11	.2	57	4.2	25	87	.01	40	12.88	6.37	15	2.4
6223533	6253810	5	2005	53810	3810	0	21	370377	6045405	13J11	.2	65	4.4	25	56	.01	13	16.72	6.39	62	3.4
6223534	6253811	5	2005	53811	3811	0	21	363002	6046614	13J11	3.0	23	1.5	25	17	.01	21	16.41	6.34	31	2.8
6223535	6253812	5	2005	53812	3812	0	21	362209	6045456	13J11	.2	36	2.9	25	37	.01	17	11.69	6.12	40	2.1
6223536	6253813	5	2005	53813	3813	0	21	361758	6044300	13J11	.2	34	2.0	25	57	.01	23	13.45	6.22	23	2.1
6223537	6253814	5	2005	53814	3814	0	21	358342	6043432	13J11	.2	64	5.0	25	56	.01	17	12.26	6.20	22	2.3
6223538	6253815	5	2005	53815	3815	0	21	357040	6044525	13J11	.2	31	2.3	25	28	.01	73	18.08	6.43	34	3.5
6223539	6253816	5	2005	53816	3816	0	21	349858	6047954	13J11	.2	12	.9	25	13	.01	7	14.49	5.86	104	2.7
6223541	6253817	5	2005	53817	3817	0	21	347726	6043680	13J11	.2	10	.4	25	8	.01	4	16.13	6.17	69	2.9
6223542	6253818	5	2005	53818	3818	0	21	343559	6044664	13J11	7.0	58	4.0	25	73	.01	28	18.81	6.63	1	3.8

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	bew2	caw1	cow2	crw2	cuw2	few1	kw1	liw2	mgw1	mnw1	mow2	naw1
6222633	6253000	5	2005	53000	3000	0	20	679921	6070025	13K09	.1	1.48	1	.2	2.6	18	.16	.1	.32	.2	1	1.24
6222634	6253001	5	2005	53001	3001	0	20	678062	6069807	13K09	.1	1.55	1	.6	6.5	31	.16	.1	.30	.2	1	1.10
6222635	6253002	5	2005	53002	3002	0	20	676113	6069185	13K09	.1	1.44	1	.2	.9	16	.12	.1	.27	1.6	1	1.05
6222636	6253003	5	2005	53003	3003	0	20	673963	6069298	13K09	.1	1.09	1	.2	.8	27	.08	.1	.31	.2	1	1.14
6222637	6253004	5	2005	53004	3004	0	20	672389	6068737	13K09	.1	1.52	1	.2	.6	24	.07	.1	.36	1.5	1	1.13
6222638	6253005	2	2005	53005	3005	0	20	671007	6068263	13K09	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!
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6222641	6253007	2	2005	53007	3007	0	20	667718	6067880	13K09	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!
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#NULL!	6273009	2	2005	73009	3009	0	20	665714	6065512	13K09	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!
6222644	6253010	2	2005	53010	3010	0	20	675399	6066307	13K09	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!
6222645	6253011	5	2005	53011	3011	0	20	673721	6060620	13K09	.1	1.21	1	.2	6.8	5	.17	.1	.37	.2	1	.99
6222646	6253012	5	2005	53012	3012	0	20	676479	6061717	13K09	.1	1.51	1	1.6	5.4	20	.25	.1	.43	.2	1	1.22
6222647	6253013	5	2005	53013	3013	0	20	676926	6063590	13K09	.1	.83	1	1.0	5.5	11	.11	.1	.51	.2	1	1.02
6222648	6253014	5	2005	53014	3014	0	20	679818	6062633	13K09	.1	1.44	1	.7	6.7	59	.15	.1	.36	.2	1	1.11
6222649	6253015	5	2005	53015	3015	0	20	680570	6062187	13K09	.1	1.75	1	.7	7.6	33	.21	.1	.45	.2	2	1.64
6222651	6253016	5	2005	53016	3016	0	20	681408	6062898	13K09	.1	2.14	1	.2	3.8	18	.25	.1	.43	.2	1	1.31
6222652	6253017	5	2005	53017	3017	0	20	683098	6063698	13K09	.1	1.72	1	.2	5.5	5	.24	.1	.29	.2	1	1.22
6222653	6253018	5	2005	53018	3018	0	20	683596	6065217	13K09	.1	2.07	1	.2	5.5	27	.29	.1	.34	.9	1	1.35
6222654	6253019	5	2005	53019	3019	1	20	686691	6065038	13K09	.1	1.43	1	.2	3.5	34	.33	.3	.36	.2	1	1.53
6222655	6253020	5	2005	53020	3020	2	20	686691	6065038	13K09	.1	1.41	1	.2	4.6	34	.33	.3	.36	.2	1	1.80
6222656	6253021	5	2005	53021	3021	0	20	687332	6066450	13K09	.1	2.20	1	.2	8.1	36	.36	.2	.50	.8	1	1.66
6222657	6253022	5	2005	53022	3022	0	20	688951	6066554	13K09	.1	1.75	1	.6	5.1	69	.34	.5	.49	1.2	1	2.09
6222658	6253023	5	2005	53023	3023	0	20	689781	6068976	13K09	.1	.16	1	.2	5.1	15	.09	.1	.16	3.4	1	.96
6222659	6253024	5	2005	53024	3024	0	21	308060	6073660	13J13	.1	4.31	1	.2	7.7	14	.22	.3	.46	.2	2	1.51
6222661	6253025	5	2005	53025	3025	0	21	308666	6075111	13J13	.1	2.24	1	.2	5.7	17	.13	.1	.43	.2	1	1.39
6222662	6253026	5	2005	53026	3026	0	21	307144	6074900	13J13	.1	2.72	1	.2	7.4	28	.14	.1	.42	.2	1	1.76
6222663	6253027	5	2005	53027	3027	0	21	309497	6078298	13J13	.1	5.04	1	.2	5.6	29	.43	.1	.72	.2	1	2.05
6222664	6253028	5	2005	53028	3028	0	21	311603	6078264	13J13	.1	1.16	1	.2	6.5	12	.43	.1	.45	.2	1	1.94
6222665	6253029	5	2005	53029	3029	0	21	312764	6077794	13J13	.1	1.62	1	.6	5.8	103	.41	.2	.53	1.5	1	2.10
6222666	6253030	5	2005	53030	3030	0	21	315113	6078341	13J13	.1	.59	1	.2	3.7	54	.09	.1	.32	1.8	1	1.85
6222667	6253031	5	2005	53031	3031	0	21	316529	6079976	13J13	.1	1.83	1	.2	8.4	14	.55	.2	.58	.2	1	2.40
6222668	6253032	5	2005	53032	3032	0	21	317652	6079979	13J13	.1	3.50	1	.2	8.1	22	.44	.2	.64	.2	1	2.42
6222669	6253033	5	2005	53033	3033	0	21	321324	6080718	13J13	.1	4.31	1	.2	10.5	119	.18	.2	.67	2.4	2	2.36
6222671	6253034	5	2005	53034	3034	0	21	323560	6083824	13J13	.1	.87	1	.2	7.9	5	.11	.1	.28	.6	1	1.45
6222731	6253035	5	2005	53035	3035	0	21	322636	6085487	13J13	.1	1.36	1	.2	.2	29	.08	.1	.17	.2	1	1.48
6222732	6253036	5	2005	53036	3036	0	21	319640	6088135	13J13	.1	1.32	1	.2	.7	13	.28	.1	.49	.7	1	2.30
6222733	6253037	5	2005	53037	3037	0	21	318469	6089079	13J13	.1	1.25	1	.2	.2	21	.16	.1	.44	.2	1	1.87
6222734	6253038	5	2005	53038	3038	0	21	321691	6089769	13J13	.1	1.38	1	.2	.2	74	.26	.2	.57	.2	1	2.27
6222735	6253039	5	2005	53039	3039	1	20	689554	6065230	13K09	.1	.38	1	.2	.2	5	.20	.1	.13	1.8	2	1.13
6222736	6253040	5	2005	53040	3040	2	20	689554	6065230	13K09	.1	.37	1	.2	1.5	5	.25	.1	.13	.2	1	.95
6222737	6253041	2	2005	53041	3041	0	20	686966	6063240	13K09	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!
6222738	6253042	5	2005	53042	3042	0	20	686600	6062150	13K09	.1	.19	1	.2	.2	5	.18	.1	.09	.8	1	.95
6222739	6253043	5	2005	53043	3043	0	20	685187	6063410	13K09	.1	.74	1	.2	.2	11	.27	.1	.25	1.2	1	1.05
6222741	6253044	5	2005	53044	3044	0	20	683465	6062721	13K09	.1	1.45	1	.2	.2	53	.34	.1	.36	2.9	1	1.50
6222742	6253045	5	2005	53045	3045	0	20	682063	6061387	13K09	.1	1.29	1	.2	.2	5	.21	.1	.25	.2	1	1.13
6222743	6253046	5	2005	53046	3046	0	20	677933	6058933	13K09	.1	1.44	1	.2	.2	90	.24	.1	.28	1.9	1	1.24
6222744	6253047	5	2005	53047	3047	0	20	675001	6059621	13K09	.1	1.79	1	.2	.9	18	.18	.1	.47	.2	1	1.17
6222745	6253048	5	2005	53048	3048	0	20	674315	6057819	13K09	.2	1.88	1	.2	.2	10	.22	.1	.29	.2	2	1.05
6222746	6253049	5	2005	53049	3049	0	20	671144	6055706	13K09	.1	.73	1	.2	.2	5	.17	.1	.21	.5	1	.86
6222747	6253050	5	2005	53050	3050	0	20	669441	6053988	13K09	.1	2.51	1	.2	.2	5	.20	.1	.44	.2	1	1.25
6222748	6253051	5	2005	53051	3051	0	20	667050	6053315	13K09	.1	.72	1	.2	1.8	5	.08	.1	.19	1.2	1	.80
6222749	6253052	5	2005	53052	3052	0	20	665955	6052537	13K09	.1	3.03	1	.2	2.8	86	.41	.2	.76	4.7	1	2.06
6222751	6253053	5	2005	53053	3053	0	20	666986	6051916	13K09	.1	.91	1	.2	1.0	11	.08	.1	.26	1.1	1	.98
6222752	6253054	5	2005	53054	3054	0	20	670191	6052270	13K09	.1	.89	1	.2	.2	53	.17	.1	.29	6.5	1	1.05
6222753	6253055	5	2005	53055	3055	0	20	671380	6052629	13K09	.1	1.10	1	.2	.2	40	.28	.1	.29	.9	1	1.33
6222754	6253056	5	2005	53056	3056	0	20	673571	6053753	13K09	.1	.64	1	.2	.2	5	.15	.1	.20	1.3	1	.86
6222755	6253057	5	2005	53057	3057	0	20	675061	6054621	13K09	.1	.90	1	.2	1.1	25	.31	.3	.49	.7	2	1.65
6222756	6253058	5	2005	53058	3058	0	20	676345	6056223	13K09	.1	1.07	1	.2	.2	41	.36	.1	.41	.5	1	1.46
6222757	6253059	5	2005	53059	3059	1	20	677639	6056753	13K09	.1	1.05	1	.2	2.7	42	.33	.1	.36	5.2	1	1.29
6222758	6253060	5	2005	53060	3060	2	20	677639	6056753	13K09	.1	1.05	1	.2	.2	34	.33	.1	.36	5.2	1	1.30
6222759	6253061	5	2005	53061	3061	0	20	680537	6058283	13K09	.1	1.11	1	.2	1.8	29	.32	.1	.35	1.0	1	1.28
6222761	6253062	5	2005	53062	3062	0	20	681235	6059168	13K09	.1	.98	1	.2	4.8	18	.24	.1	.30	1.3	1	1.19
6222762	6253063	5	2005	53063	3063	0	20	683575	6059447	13K09	.1	.94	1	.2	4.8	5	.26	.2	.28	1.0	1	1.14
6222763	6253064	5	2005	53064	3064	0	20	686817	6058965	13K09	.1	1.13	1	.2	.2	5	.29	.1	.26	.2	1	1.22
6222764	6253065	5	2005	53065	3065	0	20	689884	6059286	13K09	.1	.53	1	.2	.2	24	.09	.1	.18	1.5	1	1.05
6222765	6253066	5	2005	53066	3066	0	20	690527	6061452	13K09	.1	.83	1	.2	.2	26	.24	.4	.27	.6	2	1.51
6222766	6253067	5	2005	53067	3067	0	20	692150	6063132	13K09	.1	.74	1	.2	.2	5	.20	.1	.24	.2	1	1.13
6222767	6253068	5	2005	53068	3068	0	21	308544	6065178	13J12	.1	.85	1	.2	.2	5	.23	.1	.67	.2	1	1.15

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	bew2	caw1	cow2	crw2	cuw2	few1	kw1	liw2	mgw1	mnw1	mow2	naw1
6222768	6253069	5	2005	53069	3069	0	21	309237	6065177	13J12	.1	.79	1	.2	.2	27	.14	.2	.45	1.5	1	1.22
6222769	6253070	5	2005	53070	3070	0	21	308647	6065639	13J12	.1	1.48	1	.2	.2	5	.38	.1	2.38	.2	1	1.44
6222771	6253071	5	2005	53071	3071	0	21	308633	6066105	13J12	.1	1.24	1	.2	1.4	12	.24	.1	1.57	.2	1	1.28
6222772	6253072	5	2005	53072	3072	0	21	306934	6066457	13J12	.1	1.87	1	.2	.2	56	.41	.4	.72	3.9	1	1.66
6222773	6253073	5	2005	53073	3073	0	21	308367	6068111	13J12	.1	1.46	1	.2	3.1	26	.45	.6	.57	.2	1	1.70
6222774	6253074	5	2005	53074	3074	0	21	311204	6074351	13J13	.1	.67	1	.2	.2	86	.13	.1	.31	2.5	1	1.44
6222775	6253075	5	2005	53075	3075	0	21	312985	6074002	13J13	.1	1.39	1	.2	.2	17	.15	.1	.40	.2	1	1.61
6222776	6253076	5	2005	53076	3076	0	21	314763	6075664	13J13	.1	1.43	1	.2	.8	15	.16	.3	.39	.2	1	1.57
6222777	6253077	5	2005	53077	3077	0	21	312611	6076460	13J13	.1	.89	1	.2	.2	86	.13	.1	.37	3.4	1	1.65
6222778	6253078	5	2005	53078	3078	0	21	311664	6076972	13J13	.1	1.53	1	.2	.2	54	.32	.1	.49	.2	1	1.94
6222779	6253079	5	2005	53079	3079	0	21	322134	6078120	13J13	.1	1.40	1	.2	1.0	43	.21	.7	.48	.2	1	2.28
6222781	6253080	5	2005	53080	3080	1	21	324735	6077854	13J13	.1	.91	1	.2	.2	59	.14	.2	.38	2.6	1	1.78
6222782	6253081	5	2005	53081	3081	2	21	324735	6077854	13J13	.1	.94	1	.2	.9	50	.13	.3	.38	2.6	1	1.77
6222783	6253082	5	2005	53082	3082	0	21	323021	6080305	13J13	.1	1.06	1	.2	.2	75	.17	.2	.42	.2	2	2.04
6222843	6253083	5	2005	53083	3083	0	21	325673	6081190	13J13	.1	1.16	1	.2	.2	126	.19	.3	.48	.6	2	2.20
6222844	6253084	5	2005	53084	3084	0	20	685924	6057529	13K09	.1	.28	1	.2	.2	78	.06	.1	.17	3.3	1	1.09
6222845	6253085	5	2005	53085	3085	0	20	683320	6056995	13K09	.1	.53	1	.2	.2	5	.08	.1	.17	.2	1	.90
6222846	6253086	5	2005	53086	3086	0	20	682781	6055589	13K09	.1	.54	1	.2	1.4	29	.09	.1	.16	5.6	1	.88
6222847	6253087	5	2005	53087	3087	0	20	681180	6055053	13K09	.1	.87	1	.2	.2	78	.18	.1	.35	.2	1	1.09
6222848	6253088	5	2005	53088	3088	0	20	678714	6054636	13K09	.1	.47	1	.2	.2	54	.09	.1	.22	1.3	1	1.01
6222849	6253089	5	2005	53089	3089	0	20	679002	6053025	13K09	.1	.27	1	.2	4.1	49	.08	.1	.11	2.2	1	.70
6222851	6253090	5	2005	53090	3090	0	20	677816	6052425	13K09	.1	.33	1	.2	2.5	124	.10	.1	.12	1.8	1	.87
6222852	6253091	5	2005	53091	3091	0	20	677523	6051548	13K09	.1	.31	1	.2	.2	51	.09	.1	.11	1.4	1	.74
6222853	6253092	5	2005	53092	3092	0	20	673976	6050626	13K09	.1	.34	1	.9	18.5	95	.14	.4	.18	24.1	1	.95
6222854	6253093	5	2005	53093	3093	0	20	673686	6051233	13K09	.1	.40	1	.2	1.4	48	.08	.1	.14	5.6	1	.74
6222855	6253094	5	2005	53094	3094	0	20	669333	6048161	13K09	.1	.46	1	.2	.2	51	.07	.1	.15	3.2	1	.76
6222856	6253095	5	2005	53095	3095	0	20	668985	6049495	13K09	.1	.74	1	.2	.2	28	.10	.1	.17	1.9	1	.82
6222857	6253096	5	2005	53096	3096	0	20	667466	6049870	13K09	.1	.37	1	.2	.2	21	.06	.1	.20	1.4	1	.90
6222858	6253097	5	2005	53097	3097	0	20	665328	6048731	13K09	.1	.60	1	.2	.2	27	.12	.1	.21	1.2	1	.94
6222859	6253098	5	2005	53098	3098	0	20	662010	6045969	13K09	.1	.53	1	.2	.2	90	.05	.1	.14	2.9	1	.84
6222861	6253099	5	2005	53099	3099	1	20	663582	6044773	13K09	.1	.47	1	.2	1.7	54	.16	.1	.19	2.1	1	.93
6222862	6253100	5	2005	53100	3100	2	20	663582	6044773	13K09	.1	.46	1	.2	.8	50	.11	.1	.19	2.0	1	.92
6222863	6253101	5	2005	53101	3101	0	20	662616	6043115	13K09	.1	.34	1	.2	.5	16	.13	.1	.19	3.1	2	.92
6222864	6253102	5	2005	53102	3102	0	20	663537	6042495	13K09	.1	.50	1	.2	.2	5	.12	.1	.18	1.3	1	.78
6222865	6253103	5	2005	53103	3103	0	20	667043	6042085	13K09	.1	.38	1	.2	.2	42	.38	.1	.25	4.8	1	.81
6222866	6253104	5	2005	53104	3104	0	20	665852	6045837	13K09	.1	.79	1	.2	1.0	12	.14	.1	.20	1.5	1	.94
6222867	6253105	5	2005	53105	3105	0	20	666805	6046499	13K09	.1	.59	1	.2	1.4	45	.14	.1	.20	2.4	1	.90
6222868	6253106	5	2005	53106	3106	0	20	669676	6046371	13K09	.1	.51	1	.2	.2	23	.11	.1	.15	1.7	1	.82
6222869	6253107	5	2005	53107	3107	0	20	671268	6047092	13K09	.1	.39	1	.2	.2	19	.08	.1	.11	2.9	1	.79
6222871	6253108	5	2005	53108	3108	0	20	672384	6048997	13K09	.1	.60	1	.2	.7	5	.16	.1	.19	2.5	1	.81
6222872	6253109	5	2005	53109	3109	0	20	673471	6048811	13K09	.1	.59	1	.2	.8	5	.15	.1	.19	1.9	1	.80
6222873	6253110	5	2005	53110	3110	0	20	678636	6050703	13K09	.1	.30	1	.2	.2	38	.17	.2	.15	1.5	1	1.00
6222874	6253111	5	2005	53111	3111	0	20	681208	6052741	13K09	.1	.50	1	.2	.2	5	.06	.1	.15	1.3	1	.80
6222875	6253112	5	2005	53112	3112	0	20	682293	6052755	13K09	.1	.28	1	.2	1.1	101	.10	.1	.15	3.9	1	1.04
6222876	6253113	5	2005	53113	3113	0	20	683440	6055295	13K09	.1	.58	1	.2	.7	32	.11	.1	.16	1.3	1	.96
6222877	6253114	5	2005	53114	3114	0	20	685156	6055145	13K09	.1	.36	1	.2	1.4	40	.08	.1	.12	1.0	2	.86
6222878	6253115	5	2005	53115	3115	0	20	686369	6056481	13K09	.1	.54	1	.2	.8	67	.08	.1	.20	.9	1	1.15
6222879	6253116	5	2005	53116	3116	0	20	687385	6055364	13K09	.1	1.49	1	.2	1.3	15	.10	.2	.21	.2	1	1.39
6222881	6253117	5	2005	53117	3117	0	20	688196	6055562	13K09	.1	1.08	1	.2	.2	78	.15	.1	.19	4.2	1	1.02
6222882	6253118	5	2005	53118	3118	0	20	689533	6056655	13K09	.1	1.82	1	.2	.2	29	.22	.1	.20	.2	1	.93
6222883	6253119	5	2005	53119	3119	1	20	691389	6057871	13K09	.1	.53	1	.2	.2	41	.08	.1	.10	.9	1	.82
6222884	6253120	5	2005	53120	3120	2	20	691389	6057871	13K09	.1	.53	1	.2	.2	41	.08	.1	.11	1.1	1	.83
6222885	6253121	5	2005	53121	3121	0	20	691863	6059092	13K09	.1	.67	1	.2	.2	42	.15	.1	.24	2.0	1	.99
6222886	6253122	5	2005	53122	3122	0	21	306804	6060884	13J12	.1	.73	1	.2	.2	5	.20	.1	.26	.7	1	1.09
6222887	6253123	5	2005	53123	3123	0	21	308335	6062720	13J12	.1	.20	1	.2	.2	89	.06	.1	.13	1.3	2	1.07
6222888	6253124	5	2005	53124	3124	0	21	311709	6064889	13J12	.1	.70	1	.2	.2	49	.25	.1	.35	2.2	1	1.65
6222889	6253125	5	2005	53125	3125	0	21	311992	6066067	13J12	.1	.49	1	.2	.2	21	.11	.1	.26	.2	1	1.38
6222891	6253126	5	2005	53126	3126	0	21	313847	6065880	13J12	.1	1.05	1	.2	.2	22	.32	.4	.46	.2	1	1.74
6222892	6253127	5	2005	53127	3127	0	21	316897	6068091	13J12	.1	.78	1	.2	.2	5	.29	.1	.40	1.8	1	1.47
6222893	6253128	5	2005	53128	3128	0	21	315411	6068652	13J12	.1	.61	1	.2	.2	19	.28	.1	.26	.6	1	1.46
6222894	6253129	5	2005	53129	3129	0	21	323935	6083135	13J13	.1	2.68	1	.2	.2	114	.07	.1	.38	3.8	1	1.53
6222895	6253130	5	2005	53130	3130	0	21	327471	6085709	13J13	.1	1.74	1	.2	.2	59	.11	.1	.39	.2	1	1.90
6222896	6253131	5	2005	53131	3131	0	21	326094	6084728	13J13	.1	1.74	1	.2	.2	65	.15	.1	.40	.2	1	1.87
6222897	6253132	5	2005	53132	3132	0	20	687673	6052018	13K09	.1	1.21	1	.2	.2	83	.47	.3	.63	.8	2	1.93
6223016	6253133	5	2005	53133	3133	0	20	687980	6050405	13K09	.1	.44	1	.2	.2	28	.13	.3	.20	.7	1	.98
6223017	6253134	5	2005	53134	3134	0	20	685579	6049870	13K09	.1	.38	1	.2	.9	12	.22	.3	.24	1.3	1	1.21
6223018	6253135	5	2005	53135	3135	0	20	684231	6049642	13K09	.1	.64	1	.2	.2	56	.12	.4	.19	1.7	1	.95
6223019	6253136	5	2005	53136	3136	0	20	682485	6049637	13K09	.1	.55	1	.2	.2	74	.11	.3	.20	3.0	1	.90
6223021	6253137	5	2005	53137	3137	0	20	680600	6047921	13K09	.1	.93	1	.2	.6	145	.10	.3	.38	2.5	1	1.58

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	bew2	caw1	cow2	crw2	cuw2	few1	kw1	liw2	mgw1	mnw1	mow2	naw1
6223022	6253138	5	2005	53138	3138	0	20	676280	6047613	13K09	.1	1.18	1	.2	1.3	5	.31	.4	.37	.2	1	1.45
6223023	6253139	5	2005	53139	3139	1	20	676615	6047059	13K09	.1	.66	1	.2	.7	29	.20	.4	.31	.6	1	1.22
6223024	6253140	5	2005	53140	3140	2	20	676615	6047059	13K09	.1	.68	1	.2	1.1	30	.23	.4	.31	.6	1	1.21
6223025	6253141	5	2005	53141	3141	0	20	676285	6045723	13K09	.1	.87	1	.2	.2	28	.23	.3	.29	.2	1	.82
6223026	6253142	5	2005	53142	3142	0	20	675173	6043594	13K09	.1	.89	1	.2	.5	5	.47	.4	.35	.2	1	1.06
6223027	6253143	5	2005	53143	3143	0	20	673063	6042900	13K09	.1	.54	1	.2	.2	5	.40	.3	.24	.2	1	.90
6223028	6253144	5	2005	53144	3144	0	20	670219	6042295	13K09	.1	.58	1	.2	.2	11	.38	.2	.34	.9	1	1.14
6223029	6253145	5	2005	53145	3145	0	20	678640	6046050	13K09	.1	.79	1	.2	.2	154	.10	.4	.28	2.0	1	.98
6223031	6253146	5	2005	53146	3146	0	20	683482	6046450	13K09	.1	.44	1	.2	.6	79	.09	.3	.18	3.2	1	.83
6223032	6253147	5	2005	53147	3147	0	20	683510	6047251	13K09	.1	.42	1	.2	.2	73	.10	.2	.16	3.3	1	.76
6223033	6253148	5	2005	53148	3148	0	20	684665	6047702	13K09	.1	.50	1	.2	.2	5	.17	.1	.21	.2	1	.78
6223034	6253149	5	2005	53149	3149	0	20	686977	6048459	13K09	.1	.60	1	.2	.2	20	.32	.2	.29	.2	1	1.00
6223035	6253150	5	2005	53150	3150	0	20	688240	6048884	13K09	.1	.49	1	.2	1.8	30	.20	.2	.22	.8	1	.89
6223036	6253151	5	2005	53151	3151	0	20	692385	6044991	13K09	.1	.79	1	.2	.2	13	.22	.3	.26	2.0	1	.86
6223037	6253152	5	2005	53152	3152	0	20	690319	6044429	13K09	.1	.68	1	.2	1.0	16	.26	.3	.32	.2	1	1.08
6223038	6253153	5	2005	53153	3153	0	20	688270	6044290	13K09	.1	.41	1	.2	.2	23	.17	.2	.24	.6	1	.83
6222672	6253154	5	2005	53154	3154	0	20	687089	6044551	13K09	.1	.88	1	.2	2.3	22	.37	.1	.39	.2	1	1.15
6222673	6253155	5	2005	53155	3155	0	20	684270	6043711	13K09	.1	.71	1	.2	3.8	14	.25	.1	.29	.2	1	1.28
6222674	6253156	5	2005	53156	3156	0	20	682626	6043126	13K09	.1	.88	1	.2	3.2	14	.26	.1	.31	.2	1	1.00
6222675	6253157	5	2005	53157	3157	0	20	687479	6046044	13K09	.1	.64	1	.2	8.0	67	.39	.2	.34	.6	1	1.28
6222676	6253158	5	2005	53158	3158	0	20	690829	6046027	13K09	.1	.89	1	.6	2.9	5	.42	.1	.37	.2	1	1.44
6222677	6253159	5	2005	53159	3159	0	20	692318	6046886	13K09	.1	.83	1	.2	3.3	64	.38	.1	.38	.8	1	1.27
6222678	6253160	5	2005	53160	3160	1	20	691737	6049333	13K09	.1	.50	1	1.7	12.2	36	.13	.1	.20	1.1	1	.88
6222679	6253161	5	2005	53161	3161	2	20	691737	6049333	13K09	.1	.49	1	1.4	11.6	40	.12	.2	.20	1.3	1	.86
6222681	6253162	5	2005	53162	3162	0	20	690172	6049777	13K09	.1	.40	1	.2	11.7	27	.26	.1	.22	.8	1	1.09
6222682	6253163	5	2005	53163	3163	0	20	690949	6051222	13K09	.1	.88	1	.2	16.1	234	.21	.4	.42	15.8	1	1.40
6222683	6253164	5	2005	53164	3164	0	20	691882	6051353	13K09	.1	.46	1	.2	11.9	85	.12	.1	.20	2.6	1	1.02
6222684	6253165	5	2005	53165	3165	0	20	692491	6053576	13K09	.1	.46	1	.2	8.5	190	.09	.1	.12	1.4	1	.87
6222685	6253166	5	2005	53166	3166	0	20	691302	6053343	13K09	.1	.32	1	.2	9.6	110	.08	.1	.15	1.4	1	.82
6222686	6253167	5	2005	53167	3167	0	20	690012	6054901	13K09	.1	1.72	1	.2	9.8	35	.19	.1	.23	1.6	1	.98
6222687	6253168	5	2005	53168	3168	0	20	692375	6055807	13K09	.1	2.18	1	.6	9.8	66	.34	.1	.22	5.4	1	.93
6222688	6253169	5	2005	53169	3169	0	21	306854	6058331	13J12	.1	5.60	1	.6	10.6	15	.53	.1	.46	.2	1	1.47
6222689	6253170	5	2005	53170	3170	0	21	309398	6060052	13J12	.1	1.75	1	.2	13.9	69	.42	.1	.41	2.4	1	1.47
6222691	6253171	5	2005	53171	3171	0	21	310466	6062149	13J12	.1	.51	1	.2	12.3	24	.19	.1	.24	1.2	1	1.16
6222692	6253172	5	2005	53172	3172	0	21	308500	6066773	13J12	.1	1.17	1	.2	14.5	30	.41	.2	.73	.2	1	1.14
6222693	6253173	5	2005	53173	3173	0	21	321771	6070377	13J13	.1	.93	1	.2	12.0	62	.27	.2	.43	.2	1	1.68
6222694	6253174	5	2005	53174	3174	0	21	323348	6071006	13J13	.1	1.30	1	.2	12.4	5	.23	.3	.34	.2	1	1.62
6222695	6253175	5	2005	53175	3175	0	21	321850	6073135	13J13	.1	.80	1	.2	12.7	21	.22	.2	.32	.2	1	1.42
6222696	6253176	5	2005	53176	3176	0	21	324963	6073921	13J13	.1	2.11	1	.2	12.1	22	.29	.6	.34	.2	1	1.77
6222697	6253177	5	2005	53177	3177	0	21	324403	6075954	13J13	.1	1.27	1	.2	9.3	10	.27	.5	.46	.2	1	2.00
6222698	6253178	5	2005	53178	3178	0	21	326077	6077858	13J13	.1	1.38	1	.2	10.6	111	.21	.5	.54	.9	1	2.53
6222699	6253179	5	2005	53179	3179	0	21	325980	6080047	13J13	.1	1.77	1	1.0	9.0	75	.27	.7	.72	1.9	2	3.31
6222701	6253180	5	2005	53180	3180	1	21	308365	6068107	13J12	.1	1.53	1	.2	11.9	42	.52	.7	.60	.2	1	1.97
6222702	6253181	5	2005	53181	3181	2	21	308365	6068107	13J12	.1	1.54	1	.2	15.7	40	.47	.7	.59	.2	1	2.00
6222703	6253182	5	2005	53182	3182	0	21	312055	6061972	13J12	.1	2.14	1	.2	11.4	11	.39	.2	.37	.2	1	1.30
6222704	6253183	5	2005	53183	3183	0	21	310790	6060170	13J12	.1	2.31	1	.2	12.4	91	.53	.1	.48	5.9	1	1.54
6222705	6253184	5	2005	53184	3184	0	21	311170	6059084	13J12	.1	7.05	1	.2	13.9	103	.68	.1	.57	13.2	1	1.54
6222706	6253185	5	2005	53185	3185	0	21	309039	6058804	13J12	.1	3.11	1	.2	12.9	60	.35	.1	.49	2.0	1	1.54
6222707	6253186	5	2005	53186	3186	0	21	311119	6055373	13J12	.1	1.08	1	4.4	12.8	48	.21	.3	.35	1.0	1	1.72
6222708	6253187	5	2005	53187	3187	0	21	308794	6053300	13J12	.1	1.40	1	.2	12.9	37	.16	.1	.16	.6	1	.81
6222709	6253188	5	2005	53188	3188	0	21	308412	6053117	13J12	.1	.39	1	.2	11.0	46	.06	.1	.15	1.6	1	.89
6222711	6253189	5	2005	53189	3189	0	21	307163	6052180	13J12	.1	.51	1	.2	10.0	53	.10	.2	.17	2.8	1	1.04
6222712	6253190	5	2005	53190	3190	0	21	306395	6051420	13J12	.1	.59	1	.2	8.6	86	.13	.2	.20	11.5	1	1.09
6222713	6253191	5	2005	53191	3191	0	21	307686	6051282	13J12	.1	.61	1	.2	11.8	46	.12	.1	.14	.2	1	.86
6222714	6253192	5	2005	53192	3192	0	21	308117	6051540	13J12	.1	.71	1	.2	10.6	41	.10	.1	.13	.2	1	.88
6222715	6253193	5	2005	53193	3193	0	21	308052	6051865	13J12	.1	.81	1	.2	10.4	16	.12	.1	.15	.2	1	.92
6222716	6253194	5	2005	53194	3194	0	21	309689	6051359	13J12	.1	.69	1	.2	11.7	11	.32	.1	.52	.2	1	.98
6222717	6253195	5	2005	53195	3195	0	21	311453	6052585	13J12	.1	.93	1	.2	12.7	57	.33	.1	.50	.2	1	1.08
6222718	6253196	5	2005	53196	3196	0	21	311243	6053592	13J12	.1	1.90	1	.2	9.8	54	.23	.2	.29	.2	1	1.10
6222719	6253197	5	2005	53197	3197	0	21	312676	6054581	13J12	.1	1.78	1	.2	12.0	39	.24	.3	.30	3.8	1	1.24
6222721	6253198	5	2005	53198	3198	0	21	314786	6056099	13J12	.1	3.71	1	.2	13.9	26	.60	.3	.50	.6	1	1.44
6222722	6253199	5	2005	53199	3199	1	21	313635	6057521	13J12	.1	.66	1	.2	13.9	76	.12	.1	.21	2.1	1	1.05
6222723	6253200	5	2005	53200	3200	2	21	313535	6057484	13J12	.1	.63	1	.2	11.7	73	.11	.2	.20	1.9	1	1.07
6222724	6253201	5	2005	53201	3201	0	21	314785	6058726	13J12	.1	.98	1	.2	12.9	65	.20	.3	.27	2.8	1	1.23
6222725	6253202	5	2005	53202	3202	0	21	314117	6059843	13J12	.1	1.94	1	.2	12.2	13	.31	.1	.30	.6	1	1.25
6222726	6253203	5	2005	53203	3203	0	21	316363	6060814	13J12	.1	2.84	1	.2	11.2	23	.39	.1	.39	7.1	1	1.36
6222727	6253204	5	2005	53204	3204	0	21	315129	6062422	13J12	.1	.92	1	4.2	.2	28	.37	.1	.46	2.3	1	1.50
6222728	6253205	5	2005	53205	3205	0	21	316160	6063730	13J12	.1	.58	1	.6	.2	22	.43	.3	.39	.7	1	1.47
6222729	6253206	5	2005	53206	3206	0	21	315674	6064516	13J12	.1	.67	1	.2	.2	30	.45	.2	.45	1.0	1	1.62

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	bew2	caw1	cow2	crw2	cuw2	few1	kw1	liw2	mgw1	mnw1	mow2	naw1
6222784	6253207	5	2005	53207	3207	0	21	316729	6065394	13J12	.1	.73	1	.2	.2	27	.42	.2	.47	2.6	1	1.57
6222785	6253208	5	2005	53208	3208	0	21	320299	6066280	13J12	.1	.26	1	.2	.2	39	.11	.1	.19	3.7	1	1.32
6222786	6253209	5	2005	53209	3209	0	21	320141	6067659	13J12	.1	.54	1	.2	.2	37	.14	.1	.33	2.7	1	1.40
6222787	6253210	5	2005	53210	3210	0	21	322389	6068734	13J12	.1	.61	1	.2	.2	5	.22	.1	.32	1.4	1	1.39
6222788	6253211	5	2005	53211	3211	0	21	323618	6069081	13J12	.1	.47	1	.6	.2	75	.20	.1	.27	1.2	1	1.62
6222789	6253212	5	2005	53212	3212	0	21	326434	6070935	13J13	.1	.61	1	.2	.2	11	.20	.1	.28	2.3	1	1.38
6222791	6253213	5	2005	53213	3213	0	21	328089	6072308	13J13	.1	.68	1	.2	.2	36	.21	.3	.32	2.8	1	1.74
6222792	6253214	5	2005	53214	3214	0	21	329529	6072919	13J13	.1	.68	1	.2	.2	44	.21	.1	.32	2.1	1	1.63
6222793	6253215	5	2005	53215	3215	0	21	327058	6075343	13J13	.1	1.07	1	.2	.2	10	.24	.4	.40	.2	2	1.82
6222794	6253216	5	2005	53216	3216	0	21	328850	6077242	13J13	.1	1.06	1	1.2	.6	28	.41	.4	.39	.2	1	2.00
6222795	6253217	5	2005	53217	3217	0	21	328580	6079823	13J13	.1	1.12	1	.2	.2	210	.24	.5	.43	4.0	1	1.88
6222796	6253218	5	2005	53218	3218	0	21	329064	6083475	13J13	.1	.95	1	.2	.2	139	.15	.1	.37	1.1	1	1.98
6222797	6253219	5	2005	53219	3219	0	21	331022	6086943	13J13	.1	1.39	1	.2	.2	190	.06	.1	.27	.5	1	1.57
6222799	6253221	5	2005	53221	3221	0	21	331931	6086890	13J13	.1	1.25	1	.2	.2	196	.09	.1	.30	.6	1	1.76
6222801	6253222	5	2005	53222	3222	0	21	333300	6087840	13J13	.1	2.28	1	.2	.2	285	.24	.4	.57	1.2	1	3.12
6222802	6253223	5	2005	53223	3223	0	21	333761	6088460	13J13	.1	1.77	1	.2	.2	114	.11	.1	.38	.2	1	2.04
6222803	6253224	5	2005	53224	3224	0	21	334100	6091383	13J13	.1	.79	1	.2	.2	93	.14	.1	.33	3.2	1	1.87
6222804	6253225	5	2005	53225	3225	0	21	330664	6090383	13J13	.1	.83	1	.2	.9	90	.07	.2	.30	2.1	1	1.93
6222805	6253226	5	2005	53226	3226	0	21	329765	6089489	13J13	.1	.42	1	.2	.2	25	.08	.1	.22	2.4	1	1.60
6222806	6253227	5	2005	53227	3227	0	21	328607	6089250	13J13	.1	.66	1	.6	.2	148	.09	.2	.30	3.4	1	2.10
6222807	6253228	5	2005	53228	3228	0	21	321768	6066090	13J12	.1	.77	1	1.9	1.2	45	.26	.1	.33	2.8	1	1.41
6222808	6253229	5	2005	53229	3229	0	21	320631	6063480	13J12	.1	.56	1	.2	.2	10	.23	.1	.34	.2	1	1.51
6222809	6253230	5	2005	53230	3230	0	21	319088	6063477	13J12	.1	.52	1	.2	.2	5	.26	.1	.28	.8	1	1.24
6222811	6253231	5	2005	53231	3231	0	21	317094	6062249	13J12	.1	2.30	1	.2	.2	11	.37	.1	.35	1.1	1	1.37
6222812	6253232	5	2005	53232	3232	0	21	319062	6061266	13J12	.1	4.49	1	.2	.2	47	.42	.1	.60	4.2	1	1.70
6222813	6253233	5	2005	53233	3233	0	21	316499	6058866	13J12	.1	2.72	1	.2	.9	21	.37	.1	.38	1.6	2	1.25
#NULL!	6273234	7	2005	73234	3234	#NULL!	21	317575	6056196	13J12	.1	1.78	1	.2	.2	16	.29	.1	.38	3.8	1	.97
6222815	6253235	5	2005	53235	3235	0	21	314729	6053700	13J12	.1	.54	1	.2	.2	26	.29	.1	.29	.5	1	1.24
6222816	6253236	5	2005	53236	3236	0	21	313112	6052926	13J12	.1	.43	1	.2	.2	19	.27	.1	.32	.2	1	1.28
6222817	6253237	5	2005	53237	3237	0	21	313951	6052004	13J12	.1	.33	1	.2	.2	47	.13	.1	.18	1.0	1	1.25
6222818	6253238	5	2005	53238	3238	0	21	310631	6048470	13J12	.1	.59	1	.9	.2	306	.29	.5	.34	5.8	1	1.69
6222819	6253239	5	2005	53239	3239	1	21	306970	6047395	13J12	.1	1.24	1	.2	.9	5	.57	.1	.55	.2	1	1.13
6222821	6253240	5	2005	53240	3240	2	21	306970	6047395	13J12	.1	1.22	1	.2	.2	5	.56	.1	.55	.2	1	1.12
6222822	6253241	5	2005	53241	3241	0	21	306085	6046562	13J12	.1	.66	1	.2	.2	5	.22	.1	.26	1.9	1	.81
6222823	6253242	5	2005	53242	3242	0	21	313068	6043393	13J12	.1	.53	1	.2	.2	82	.16	.1	.22	5.6	2	.82
6222824	6253243	5	2005	53243	3243	0	21	314248	6044301	13J12	.1	.51	1	2.6	.7	93	.17	.1	.21	5.6	1	.84
6222825	6253244	5	2005	53244	3244	0	21	319544	6044202	13J12	.1	.70	1	.2	.6	405	.29	.1	.36	3.6	1	1.48
6222826	6253245	5	2005	53245	3245	0	21	320676	6043584	13J12	.1	.85	1	.2	1.9	711	.37	.1	.39	1.4	1	1.66
6222827	6253246	5	2005	53246	3246	0	21	323588	6043083	13J12	.1	.63	1	.2	.2	79	.19	.1	.31	2.0	1	1.08
6222828	6253247	5	2005	53247	3247	0	21	328145	6044589	13J12	.1	.68	1	.2	.2	278	.38	.1	.34	3.0	1	1.51
6222829	6253248	5	2005	53248	3248	0	21	328871	6044906	13J12	.1	.94	1	.2	1.3	5	.58	.1	.36	.2	1	1.68
6222831	6253249	5	2005	53249	3249	0	21	330766	6042946	13J12	.1	.83	1	.2	.8	43	.35	.1	.32	.9	1	1.62
6222832	6253250	5	2005	53250	3250	0	21	334018	6043425	13J12	.1	1.15	1	.2	.9	290	.37	.2	.40	1.5	1	1.54
6222833	6253251	5	2005	53251	3251	#NULL!	21	337828	6048639	13J12	.1	.56	1	.2	1.1	48	.21	.1	.34	1.6	1	1.28
6222834	6253252	5	2005	53252	3252	0	21	335683	6047759	13J12	.1	.12	1	1.6	.2	116	.07	.1	.08	3.0	1	1.70
6222835	6253253	5	2005	53253	3253	0	21	333618	6047047	13J12	.1	.61	1	.2	.7	88	.35	.1	.35	.6	1	1.69
6222836	6253254	5	2005	53254	3254	0	21	334467	6045823	13J12	.1	.13	1	.2	.9	71	.08	.1	.15	7.7	1	1.01
6222837	6253255	5	2005	53255	3255	0	21	333253	6044940	13J12	.1	.44	1	.2	.2	44	.15	.1	.21	1.0	1	.96
6222838	6253256	5	2005	53256	3256	0	21	332345	6045687	13J12	.1	.72	1	.2	1.2	54	.24	.1	.32	.8	1	1.21
6222839	6253257	5	2005	53257	3257	0	21	331172	6046000	13J12	.1	.62	1	.2	.2	21	.20	.1	.25	2.2	1	.87
6222841	6253258	5	2005	53258	3258	0	21	331525	6047611	13J12	.1	.64	1	.2	.2	142	.42	.1	.31	.2	1	1.28
6222842	6253259	5	2005	53259	3259	1	21	328270	6048918	13J12	.1	.48	1	.2	.2	78	.29	.1	.23	3.7	1	1.14
6222898	6253260	5	2005	53260	3260	2	21	328270	6048918	13J12	.1	.51	1	.2	.9	103	.29	.1	.24	3.9	1	1.20
6222899	6253261	5	2005	53261	3261	0	21	325268	6047482	13J12	.1	.81	1	.2	.2	175	.26	.1	.25	1.0	1	1.14
6222901	6253262	5	2005	53262	3262	0	21	319625	6048631	13J12	.1	.48	1	.2	1.6	44	.18	.1	.21	2.3	1	1.04
6222902	6253263	5	2005	53263	3263	0	21	316538	6049161	13J12	.1	.48	1	.2	.2	57	.28	.1	.22	2.3	1	1.32
6222903	6253264	5	2005	53264	3264	0	21	319303	6050110	13J12	.1	.56	1	.2	.2	34	.23	.1	.23	.7	1	1.63
6222904	6253265	5	2005	53265	3265	0	21	321490	6051689	13J12	.1	.43	1	.2	.5	5	.16	.1	.21	.9	1	1.03
6222905	6253266	5	2005	53266	3266	0	21	320479	6053355	13J12	.1	.37	1	.2	.2	22	.20	.1	.18	.2	1	.97
6222906	6253267	5	2005	53267	3267	0	21	320888	6054756	13J12	.1	.21	1	.2	.7	5	.15	.1	.16	1.2	1	.76
6222907	6253268	5	2005	53268	3268	0	21	322118	6055376	13J12	.1	.56	1	.7	.2	18	.22	.3	.23	.8	2	1.03
6222908	6253269	5	2005	53269	3269	0	21	321516	6056350	13J12	.1	.55	1	.2	1.3	20	.18	.1	.22	1.5	1	.98
6222909	6253270	5	2005	53270	3270	0	21	320649	6058629	13J12	.1	1.62	1	.2	.2	5	.26	.2	.41	.6	1	1.01
6222911	6253271	5	2005	53271	3271	0	21	323128	6060563	13J12	.1	4.83	1	.2	.2	5	.39	.1	.48	.2	1	1.14
6222912	6253272	5	2005	53272	3272	0	21	323504	6062837	13J12	.1	.52	1	1.3	.2	68	.24	.3	.39	1.3	1	1.55
6222913	6253273	5	2005	53273	3273	0	21	323195	6064697	13J12	.1	.92	1	.2	.2	47	.25	.1	.47	.9	1	1.82
6222914	6253274	5	2005	53274	3274	0	21	323522	6066207	13J12	.1	.52	1	.7	.2	71	.35	.1	1.18	1.8	1	2.00
6222915	6253275	5	2005	53275	3275	0	21	327108	6068198	13J12	.1	.53	1	.2	.2	25	.32	.1	.43	.6	1	1.58
6222916	6253276	5	2005	53276	3276	0	21	328590	6069323	13J12	.1	.68	1	.2	.2	16	.23	.1	.36	.6	1	1.47

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	bew2	caw1	cow2	crw2	cuw2	few1	kw1	liw2	mgw1	mnw1	mow2	naw1
6222917	6253277	5	2005	53277	3277	0	21	326555	6062227	13J12	.1	2.39	1	.2	.2	67	.34	.2	.40	19.0	2	1.31
#NULL!	6273278	7	2005	73278	3278	0	21	327430	6059831	13J12	.1	1.47	1	.2	.8	12	.21	.1	.24	.2	1	1.00
6222919	6253279	5	2005	53279	3279	1	21	323456	6058415	13J12	.1	.92	1	.2	.2	18	.06	.1	.12	.8	1	.83
6222921	6253280	5	2005	53280	3280	2	21	323457	6058415	13J12	.1	.94	1	.2	2.2	20	.07	.1	.13	2.2	1	.82
6222922	6253281	5	2005	53281	3281	0	21	325663	6057142	13J12	.1	.51	1	.2	.2	13	.18	.1	.19	1.9	1	1.34
6222923	6253282	5	2005	53282	3282	0	21	326571	6057165	13J12	.1	.39	1	.2	1.6	34	.14	.1	.19	1.7	1	1.21
6222924	6253283	5	2005	53283	3283	0	21	325602	6056545	13J12	.1	.90	1	.2	.2	41	.21	.1	.39	3.9	1	1.39
6222925	6253284	5	2005	53284	3284	0	21	322971	6054772	13J12	.1	.47	1	.2	.2	14	.31	.1	.33	1.0	1	.99
6222926	6253285	5	2005	53285	3285	0	21	322113	6053545	13J12	.1	.21	1	1.2	.2	19	.22	.1	.17	1.3	1	.91
6222927	6253286	5	2005	53286	3286	0	21	324461	6052619	13J12	.1	.20	1	.2	.5	34	.22	.1	.19	1.6	2	.96
6222928	6253287	5	2005	53287	3287	0	21	325463	6053337	13J12	.1	.46	1	.2	.8	53	.28	.1	.30	1.8	1	1.02
6222929	6253288	5	2005	53288	3288	0	21	324689	6050124	13J12	.1	1.01	1	.2	.5	114	.48	.1	.41	1.6	1	1.51
6222931	6253289	5	2005	53289	3289	0	21	326838	6050728	13J12	.1	.73	1	.2	1.2	22	.33	.1	.30	1.4	1	1.79
6222932	6253290	5	2005	53290	3290	0	21	327376	6051835	13J12	.1	.33	1	.2	.8	117	.10	.1	.15	2.4	1	1.37
6222933	6253291	5	2005	53291	3291	0	21	329031	6050550	13J12	.1	.32	1	.2	.2	13	.32	.1	.24	.8	1	1.14
6222934	6253292	5	2005	53292	3292	0	21	330807	6050788	13J12	.1	.48	1	.2	.2	66	.27	.1	.27	2.5	1	1.06
6222935	6253293	5	2005	53293	3293	0	21	333733	6050263	13J12	.1	.44	1	.2	.2	184	.33	.1	.35	1.7	1	1.10
6222936	6253294	5	2005	53294	3294	0	21	337989	6053557	13J12	.1	.69	1	.2	.2	65	.32	.1	.45	.5	1	1.40
6222937	6253295	5	2005	53295	3295	0	21	336240	6051754	13J12	.1	.49	1	.2	.8	182	.44	.2	.30	2.0	2	1.12
6222938	6253296	5	2005	53296	3296	0	21	334823	6051700	13J12	.1	.45	1	.2	.2	111	.41	.1	.30	1.4	1	1.19
6222939	6253297	5	2005	53297	3297	0	21	333354	6051752	13J12	.1	.61	1	.2	.2	61	.30	.1	.31	2.7	1	1.38
6222941	6253298	5	2005	53298	3298	0	21	330862	6052761	13J12	.1	.87	1	.2	.6	81	.34	.1	.43	2.0	1	1.77
6222942	6253299	5	2005	53299	3299	1	21	331560	6054786	13J12	.1	.61	1	.2	.2	67	.21	.1	.28	4.2	1	1.15
6222943	6253300	5	2005	53300	3300	2	21	331560	6054786	13J12	.1	.57	1	.2	.2	49	.19	.1	.26	3.6	1	1.10
6222944	6253301	5	2005	53301	3301	0	21	333274	6055579	13J12	.1	.59	1	.2	.2	81	.22	.1	.26	1.5	1	1.07
6222945	6253302	5	2005	53302	3302	0	21	334859	6055717	13J12	.1	.64	1	.2	.2	88	.24	.2	.30	2.2	1	1.15
6222946	6253303	5	2005	53303	3303	0	21	337925	6056812	13J12	.1	.41	1	.2	.2	52	.16	.2	.19	.9	1	.96
6222947	6253304	5	2005	53304	3304	0	21	338330	6058965	13J12	.1	.47	1	.2	.2	110	.24	.3	.26	1.6	2	1.12
6222948	6253305	5	2005	53305	3305	0	21	335166	6057362	13J12	.1	.53	1	.2	.2	13	.25	.1	.28	1.4	1	1.16
6222949	6253306	5	2005	53306	3306	0	21	333330	6057353	13J12	.1	.35	1	.2	.2	33	.14	.1	.14	1.2	1	.94
6222951	6253307	5	2005	53307	3307	0	21	331498	6058253	13J12	.1	.15	1	.2	.2	5	.15	.1	.14	2.2	1	.90
6222952	6253308	5	2005	53308	3308	0	21	331072	6057713	13J12	.1	.34	1	.2	.2	5	.19	.2	.15	.7	1	1.02
6222953	6253309	5	2005	53309	3309	0	21	328906	6057546	13J12	.1	.38	1	.2	1.2	15	.32	.2	.26	.2	1	1.49
6222954	6253310	5	2005	53310	3310	0	21	328301	6055772	13J12	.1	.51	1	.2	1.5	170	.26	.1	.27	1.3	1	1.17
6222955	6253311	5	2005	53311	3311	0	21	332240	6059509	13J12	.1	.69	1	.2	.2	5	.24	.1	.20	1.7	1	1.10
6222956	6253312	5	2005	53312	3312	0	21	330901	6060357	13J12	.1	3.86	1	.2	.2	52	.24	.1	.35	6.6	1	1.29
6222957	6253313	5	2005	53313	3313	0	21	330089	6061549	13J12	.1	1.48	1	.2	.2	137	.26	.1	.40	3.1	2	1.61
6222958	6253314	5	2005	53314	3314	0	21	328818	6061851	13J12	.1	.77	1	.2	.2	36	.21	.2	.50	1.1	1	1.22
6222959	6253315	5	2005	53315	3315	0	21	332536	6061362	13J12	.1	.87	1	.2	.2	45	.06	.1	.10	1.9	1	.75
6222961	6253316	5	2005	53316	3316	0	21	335967	6060914	13J12	.1	1.25	1	.2	.2	19	.21	.1	.25	5.5	1	1.08
6222962	6253317	5	2005	53317	3317	0	21	338750	6061140	13J12	.1	1.73	1	.2	.2	36	.32	.1	.33	10.5	1	1.23
6222963	6253318	5	2005	53318	3318	0	21	335988	6063912	13J12	.1	.84	1	.2	1.1	23	.21	.1	.45	.2	1	1.47
6222964	6253319	5	2005	53319	3319	1	21	334847	6064536	13J12	.1	1.06	1	.2	.2	61	.23	.2	.54	7.1	1	1.53
6222965	6253320	5	2005	53320	3320	2	21	334847	6064536	13J12	.1	1.05	1	.2	.8	67	.23	.2	.53	7.7	1	1.49
6222966	6253321	5	2005	53321	3321	0	21	333047	6065175	13J12	.1	1.21	1	.2	1.3	27	.17	.1	.36	3.3	1	1.30
6222967	6253322	5	2005	53322	3322	0	21	332360	6064049	13J12	.1	2.63	1	.2	.2	21	.23	.1	.33	1.6	1	1.69
6222968	6253323	5	2005	53323	3323	0	21	330922	6064061	13J12	.1	3.32	1	.2	.2	28	.26	.1	.38	1.3	1	1.38
6222969	6253324	5	2005	53324	3324	0	21	330093	6064787	13J12	.1	2.67	1	.2	.6	59	.33	.2	.51	4.8	2	1.63
6222971	6253325	5	2005	53325	3325	0	21	335787	6066988	13J12	.1	.55	1	.2	.2	50	.08	.1	.22	1.0	1	1.01
6222972	6253326	5	2005	53326	3326	0	21	333747	6068797	13J12	.1	1.17	1	.2	.5	35	.19	.1	.42	1.1	1	1.85
6222973	6253327	5	2005	53327	3327	0	21	331315	6069899	13J12	.1	.45	1	.2	1.4	13	.19	.1	.33	1.4	1	1.46
6222974	6253328	5	2005	53328	3328	0	21	332661	6070806	13J13	.1	.71	1	.2	1.1	32	.25	.1	.37	.9	1	1.89
6222975	6253329	5	2005	53329	3329	0	21	331548	6071685	13J13	.1	.68	1	.2	.2	28	.24	.1	.47	.2	1	1.43
6222976	6253330	5	2005	53330	3330	0	21	328773	6098724	13O04	.1	.98	1	.2	.6	99	.24	.1	.56	1.2	1	2.94
6222977	6253331	5	2005	53331	3331	0	21	330568	6098318	13O04	.1	.79	1	.2	.2	164	.15	.1	.50	3.4	1	2.47
6222978	6253332	5	2005	53332	3332	0	21	330873	6099831	13O04	.1	.41	1	.2	.2	90	.05	.1	.27	1.4	1	1.76
6222979	6253333	5	2005	53333	3333	0	21	332302	6101089	13O04	.1	.66	1	.2	.9	102	.20	.1	.46	2.0	2	2.51
6222981	6253334	5	2005	53334	3334	0	21	333704	6101639	13O04	.1	.83	1	.2	.8	74	.18	.2	.52	2.6	1	3.12
6222982	6253335	5	2005	53335	3335	0	21	333165	6105097	13O04	.1	.96	1	.2	.2	59	.15	.1	.50	.9	1	2.80
6222983	6253336	5	2005	53336	3336	0	21	335390	6106611	13O04	.1	1.22	1	.2	1.3	80	.30	.2	.82	.8	1	4.97
6222984	6253337	5	2005	53337	3337	0	21	337447	6108780	13O04	.1	1.05	1	.5	1.1	140	.21	.1	.67	.2	1	3.61
6222985	6253338	5	2005	53338	3338	0	21	339330	6110230	13O04	.1	1.09	1	.2	.9	88	.15	.1	.57	1.6	1	3.11
6222988	6253341	5	2005	53341	3341	0	21	339418	6115027	13O04	.1	1.30	1	.2	1.1	267	.49	.4	1.39	2.9	1	8.02
6222989	6253342	5	2005	53342	3342	0	21	338857	6116293	13O04	.1	1.34	1	.2	.2	22	.26	.1	.66	.2	2	3.91
6222991	6253343	2	2005	53343	3343	0	21	339732	6118226	13O04	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!
6222992	6253344	5	2005	53344	3344	0	21	337364	6115912	13O04	.1	2.31	1	.2	.8	260	.39	.3	1.39	1.2	1	9.78
6222993	6253345	5	2005	53345	3345	0	21	337194	6114000	13O04	.1	1.38	1	.2	.5	180	.26	.1	.84	3.9	1	4.43
#NULL!	6273346	7	2005	73346	3346	0	21	335999	6113466	13O04	.1	.86	1	.2	.9	27	.21	.1	.62	.6	1	3.76
6222995	6253347	5	2005	53347	3347	0	21	337440	6112299	13O04	.1	1.71	1	.2	.8	181	.61	.5	1.58	1.3	1	7.79

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	bew2	caw1	cow2	crw2	cuw2	few1	kw1	liw2	mgw1	mnw1	mow2	naw1
6222996	6253348	5	2005	53348	3348	0	21	335183	6111484	13O04	.1	.99	1	.2	.7	233	.17	.1	.61	1.2	1	3.74
6222997	6253349	5	2005	53349	3349	0	21	333371	6111817	13O04	.1	1.30	1	.2	.2	178	.29	.4	1.13	.2	1	5.09
6222998	6253350	5	2005	53350	3350	0	21	335832	6109573	13O04	.1	.78	1	.2	.5	114	.19	.1	.59	1.0	1	3.46
6222999	6253351	5	2005	53351	3351	0	21	335214	6107906	13O04	.1	.55	1	.2	.2	84	.20	.1	.46	.6	2	3.19
6223001	6253352	5	2005	53352	3352	0	21	333707	6106305	13O04	.1	1.09	1	.2	.2	25	.16	.1	.56	.2	1	2.94
6223002	6253353	5	2005	53353	3353	0	21	332837	6106767	13O04	.1	1.09	1	.2	.2	25	.17	.1	.55	.2	1	2.87
6223003	6253354	5	2005	53354	3354	0	21	332016	6105799	13O04	.1	.99	1	.2	1.1	46	.15	.1	.49	.2	1	2.67
6223004	6253355	5	2005	53355	3355	0	21	331631	6103707	13O04	.1	1.07	1	.2	.6	31	.26	.1	.65	.2	1	3.83
6223005	6253356	5	2005	53356	3356	0	21	330997	6102399	13O04	.1	.96	1	.2	.2	130	.22	.2	.54	2.1	1	3.26
6223006	6253357	5	2005	53357	3357	0	21	324833	6099081	13O04	.1	.78	1	.2	1.4	33	.20	.1	.35	.2	1	2.32
6223007	6253358	5	2005	53358	3358	0	21	325972	6100833	13O04	.1	.67	1	.2	.6	25	.17	.1	.34	.9	1	2.08
6223008	6253359	5	2005	53359	3359	0	21	328024	6102944	13O04	.1	.82	1	.2	.2	87	.14	.1	.39	1.7	1	2.30
6223009	6253360	5	2005	53360	3360	0	21	329147	6103944	13O04	.1	.81	1	.2	.5	43	.15	.2	.41	2.1	1	2.36
6223011	6253361	5	2005	53361	3361	0	21	330077	6106016	13O04	.1	1.12	1	.2	.8	49	.21	.4	.57	.2	1	3.25
6223012	6253362	5	2005	53362	3362	0	21	330078	6106016	13O04	.1	1.16	1	.2	.2	54	.23	.3	.58	.2	1	3.52
6223013	6253363	5	2005	53363	3363	0	21	328256	6105703	13O04	.1	.91	1	.2	1.1	37	.17	.1	.38	.2	1	2.62
6223014	6253364	5	2005	53364	3364	0	21	327559	6103489	13O04	.1	.87	1	.2	.6	30	.14	.1	.43	1.3	1	2.54
6223015	6253365	5	2005	53365	3365	0	21	325847	6103770	13O04	.1	1.53	1	.2	1.3	40	.19	.1	.43	.2	1	2.65
6223039	6253366	5	2005	53366	3366	0	21	323244	6103690	13O04	.1	.88	1	.2	1.2	5	.17	.1	.36	.9	1	2.09
6223041	6253367	5	2005	53367	3367	0	21	322548	6102053	13O04	.1	.97	1	.2	1.2	11	.21	.2	.39	.5	1	2.24
6223042	6253368	5	2005	53368	3368	0	21	323422	6099770	13O04	.1	.67	1	.2	.2	37	.14	.1	.38	4.8	1	2.20
6223043	6253369	5	2005	53369	3369	0	21	316210	6097728	13J13	.1	.87	1	.2	.2	11	.17	.3	.40	.2	1	2.18
6223044	6253370	5	2005	53370	3370	0	21	317427	6097261	13J13	.1	.72	1	.2	.2	10	.12	.2	.37	.2	1	2.03
6223045	6253371	5	2005	53371	3371	0	21	319421	6097458	13J13	.1	1.12	1	1.3	1.2	87	.17	.2	.61	.8	1	2.93
6223046	6253372	5	2005	53372	3372	0	21	323463	6097376	13J13	.1	.55	1	.7	1.5	27	.13	.3	.30	2.2	1	1.84
6223047	6253373	5	2005	53373	3373	0	21	322866	6093242	13J13	.1	.40	1	.2	.2	100	.05	.3	.28	3.9	1	2.10
6223048	6253374	5	2005	53374	3374	0	21	322416	6091223	13J13	.1	.93	1	.2	2.3	108	.18	.3	.44	3.2	1	1.86
6223049	6253375	5	2005	53375	3375	0	21	318713	6091713	13J13	.1	1.36	1	.8	.8	31	.15	.2	.34	.2	1	1.68
6223051	6253376	5	2005	53376	3376	0	21	316230	6091955	13J13	.1	1.69	1	.2	.9	19	.28	.2	.40	.2	1	1.92
6223052	6253377	5	2005	53377	3377	0	21	319744	6091825	13J13	.1	.71	1	.2	.2	29	.09	.3	.28	2.5	1	1.59
6223053	6253378	5	2005	53378	3378	0	21	319771	6099023	13O04	.1	.98	1	.2	.8	62	.23	.2	.38	.7	1	2.15
6223054	6253379	5	2005	53379	3379	0	21	320615	6100795	13O04	.1	.58	1	.2	.2	5	.12	.1	.26	1.3	1	1.68
6223055	6253380	5	2005	53380	3380	0	21	320615	6100795	13O04	.1	.56	1	.2	.6	5	.11	.1	.26	1.3	1	1.66
6223056	6253381	5	2005	53381	3381	0	21	319162	6100849	13O04	.1	.77	1	.2	1.5	32	.12	.2	.28	.2	1	1.79
6223057	6253382	5	2005	53382	3382	0	21	317992	6101423	13O04	.1	.70	1	.2	.6	5	.09	.2	.26	.2	1	1.67
6223058	6253383	5	2005	53383	3383	0	21	317260	6102191	13O04	.1	.82	1	.2	.2	5	.08	.2	.30	.5	1	1.77
6223059	6253384	5	2005	53384	3384	0	21	318456	6103845	13O04	.1	.96	1	.2	.7	5	.11	.2	.36	.2	1	2.03
6223061	6253385	5	2005	53385	3385	0	21	319925	6105210	13O04	.1	.77	1	.2	.2	35	.11	.2	.41	2.2	1	2.48
6223062	6253386	5	2005	53386	3386	0	21	321927	6104593	13O04	.1	.96	1	.2	.5	57	.15	.2	.34	2.9	1	2.26
6223063	6253387	5	2005	53387	3387	0	21	321457	6106429	13O04	.1	.76	1	.2	1.1	12	.10	.2	.32	.2	1	2.18
6223064	6253388	5	2005	53388	3388	0	21	322041	6107386	13O04	.1	.73	1	.2	.2	13	.13	.3	.36	.2	1	2.56
6223065	6253389	5	2005	53389	3389	0	21	323553	6106912	13O04	.1	.55	1	.2	.2	5	.06	.1	.27	.2	1	1.95
6223066	6253390	5	2005	53390	3390	0	21	323221	6108350	13O04	.1	.80	1	.2	.8	21	.09	.5	.37	2.5	1	2.35
6223067	6253391	5	2005	53391	3391	0	21	325017	6107665	13O04	.1	.83	1	.2	.2	54	.12	.3	.33	1.1	1	2.02
6223068	6253392	5	2005	53392	3392	0	21	326500	6107189	13O04	.1	.78	1	.2	.7	52	.08	.4	.33	1.2	1	2.14
6223069	6253393	5	2005	53393	3393	0	21	327360	6108920	13O04	.1	.23	1	.2	.2	5	.05	.3	.17	.5	1	1.43
6223071	6253394	5	2005	53394	3394	0	21	331472	6108942	13O04	.1	.43	1	.2	.2	180	.07	.2	.36	3.3	1	2.53
6223072	6253395	5	2005	53395	3395	0	21	329492	6109909	13O04	.1	1.00	1	.2	.2	52	.11	.4	.42	1.0	1	2.80
6223073	6253396	5	2005	53396	3396	0	21	328594	6110708	13O04	.1	1.65	1	.2	.2	5	.07	.4	.34	.2	1	1.86
6223074	6253397	5	2005	53397	3397	0	21	326956	6109901	13O04	.1	.67	1	.2	.2	5	.07	.3	.21	.2	1	1.60
6223075	6253398	5	2005	53398	3398	0	21	332105	6115919	13O04	.1	1.48	1	.2	.6	25	.44	.8	1.58	.2	1	8.98
6223076	6253399	5	2005	53399	3399	1	21	326682	6113689	13O04	.1	.97	1	.2	.2	35	.27	.6	.86	.2	1	4.76
6223077	6253400	5	2005	53400	3400	2	21	326682	6113689	13O04	.1	.95	1	.2	.6	31	.27	.7	.85	.2	1	4.73
6223078	6253401	5	2005	53401	3401	0	21	324251	6113003	13O04	.1	1.00	1	.2	.2	28	.12	.4	.49	.2	1	2.62
6223079	6253402	5	2005	53402	3402	0	21	325074	6111058	13O04	.1	.65	1	.2	.2	16	.09	.4	.33	.2	1	1.96
6223081	6253403	5	2005	53403	3403	0	21	319846	6109053	13O04	.1	.90	1	.2	.2	47	.13	.3	.48	.2	1	2.95
6223082	6253404	5	2005	53404	3404	0	21	318738	6107628	13O04	.1	.78	1	.2	.6	103	.11	.3	.43	5.5	1	2.44
6223083	6253405	5	2005	53405	3405	0	21	316827	6106136	13O04	.1	.95	1	.2	.2	25	.17	.2	.45	.2	1	2.46
6223084	6253406	5	2005	53406	3406	0	21	317270	6104763	13O04	.1	.44	1	.2	.2	11	.05	.3	.25	1.4	1	1.74
6223085	6253407	5	2005	53407	3407	0	21	315468	6103642	13O04	.1	.96	1	.2	.8	28	.13	.2	.42	.2	1	2.15
6223086	6253408	5	2005	53408	3408	0	21	316490	6100236	13O04	.1	.68	1	.2	.2	15	.07	.4	.23	.2	1	1.51
6223087	6253409	5	2005	53409	3409	0	21	315297	6100373	13O04	.1	.68	1	.2	.8	5	.07	.3	.31	.8	1	1.81
6223088	6253410	5	2005	53410	3410	0	21	314277	6101050	13O04	.1	.84	1	.2	.2	20	.10	.2	.33	.2	1	1.88
6223089	6253411	5	2005	53411	3411	0	21	312761	6099032	13O04	.1	1.34	1	.2	.2	5	.20	.2	.44	.2	1	2.24
6223091	6253412	5	2005	53412	3412	0	21	312307	6102657	13O04	.1	1.09	1	.2	.2	31	.10	.3	.39	.2	1	1.95
6223092	6253413	5	2005	53413	3413	0	21	313882	6104580	13O04	.1	.70	1	.2	.2	57	.10	.2	.33	.2	1	1.93
6223093	6253414	5	2005	53414	3414	0	21	315220	6105951	13O04	.1	1.28	1	.2	.2	5	.19	.3	.45	.2	1	2.50
6223094	6253415	5	2005	53415	3415	0	21	316221	6108119	13O04	.1	1.18	1	.2	.9	92	.20	.3	.51	2.7	1	2.73
6223095	6253416	5	2005	53416	3416	0	21	318483	6110428	13O04	.1	1.36	1	.2	1.0	56	.14	.1	.45	1.2	1	2.40

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	bew2	caw1	cow2	crw2	cuw2	few1	kw1	liw2	mgw1	mnw1	mow2	naw1
6223096	6253417	5	2005	53417	3417	0	21	316922	6110084	13O04	.1	1.34	1	.2	.7	59	.22	.3	.56	.2	1	3.45
6223097	6253418	5	2005	53418	3418	0	21	314888	6110864	13O04	.1	1.60	1	.2	.7	5	.09	.3	.38	.2	1	1.96
6223098	6253419	5	2005	53419	3419	1	21	314439	6112346	13O04	.1	1.12	1	.2	.6	54	.10	.3	.40	.8	1	2.25
6223099	6253420	5	2005	53420	3420	2	21	314439	6112346	13O04	.1	1.08	1	.2	.8	52	.10	.2	.39	.7	1	2.19
6223101	6253421	5	2005	53421	3421	0	21	311780	6111825	13O04	.1	1.36	1	.2	.2	89	.23	.5	.89	.2	1	5.21
6223102	6253422	5	2005	53422	3422	0	21	312240	6108625	13O04	.1	1.47	1	.2	.2	70	.08	#NULL!	.42	.8	1	1.74
6223103	6253423	5	2005	53423	3423	0	21	313858	6108500	13O04	.1	1.15	1	.2	.7	5	.09	.1	.25	.2	1	1.60
6223104	6253424	5	2005	53424	3424	0	21	313742	6106304	13O04	.1	1.10	1	.2	.2	30	.08	.1	.29	.2	1	1.67
6223105	6253425	5	2005	53425	3425	0	21	311860	6104584	13O04	.1	.93	1	.2	.2	5	.09	.1	.33	.2	1	1.77
6223106	6253426	5	2005	53426	3426	0	20	669969	6100398	13N01	.1	1.05	1	.2	.2	5	.06	.1	.25	.2	1	1.02
6223107	6253427	5	2005	53427	3427	0	20	670870	6101300	13N01	.1	.84	1	.2	.2	18	.10	.1	.27	.2	1	1.12
6223108	6253428	5	2005	53428	3428	0	20	668994	6101537	13N01	.1	2.18	1	.2	.2	47	.30	.1	.85	.2	1	2.66
6223109	6253429	5	2005	53429	3429	0	20	669782	6103550	13N01	.1	1.16	1	.2	.2	16	.22	.1	.56	.2	2	2.16
6223111	6253430	5	2005	53430	3430	0	20	671670	6104829	13N01	.1	.94	1	.2	.2	41	.23	.1	.57	.2	1	2.56
6223112	6253431	5	2005	53431	3431	0	20	672121	6105720	13N01	.1	.71	1	.2	.2	72	.14	.1	.50	.7	1	2.16
6223113	6253432	5	2005	53432	3432	0	20	673512	6106966	13N01	.1	.82	1	.2	.2	21	.11	.1	.35	.2	1	1.70
6223114	6253433	5	2005	53433	3433	0	20	674010	6108526	13N01	.1	.69	1	.2	.2	5	.13	.1	.30	.9	1	1.45
6223115	6253434	5	2005	53434	3434	0	20	675610	6109364	13N01	.1	1.13	1	.2	.2	55	.20	.1	.56	.2	1	2.41
6223116	6253435	5	2005	53435	3435	0	20	676300	6109942	13N01	.1	1.10	1	.2	.2	118	.21	.1	.60	.2	1	3.33
6223117	6253436	5	2005	53436	3436	0	20	676630	6112483	13N01	.1	.56	1	.2	.2	5	.14	.1	.37	.2	1	1.91
6223118	6253437	5	2005	53437	3437	0	20	678453	6112704	13N01	.1	.94	1	.2	.2	71	.11	.1	.45	.8	1	2.15
6223119	6253438	5	2005	53438	3438	0	20	680548	6114850	13N01	.1	.92	1	.2	.2	44	.08	.1	.41	.2	2	1.89
6223121	6253439	5	2005	53439	3439	1	20	681845	6116200	13N01	.1	1.29	1	.2	.2	5	.07	.1	.30	.2	1	1.58
6223122	6253440	5	2005	53440	3440	2	20	681845	6116206	13N01	.1	1.29	1	.2	.2	5	.07	.1	.30	.2	1	1.57
6223123	6253441	5	2005	53441	3441	0	20	681916	6117635	13N01	.1	2.90	1	.2	.2	41	.15	.1	.70	.2	1	2.82
6223124	6253442	5	2005	53442	3442	0	20	681107	6118569	13N01	.1	1.06	1	.2	.2	5	.11	.1	.49	.2	1	2.39
6223125	6253443	5	2005	53443	3443	0	20	681226	6120100	13N01	.1	1.37	1	.2	.2	20	.17	.1	.61	.8	1	3.10
6223126	6253444	5	2005	53444	3444	0	20	682896	6120584	13N01	.1	1.05	1	.2	.2	68	.21	.1	.78	.9	1	3.27
6223127	6253445	5	2005	53445	3445	0	20	683965	6120866	13N01	.1	.96	1	.2	.2	82	.17	.1	.68	.2	1	3.58
6223128	6253446	5	2005	53446	3446	0	20	684022	6121811	13N01	.1	1.08	1	.2	.2	27	.17	.1	.67	.2	1	3.91
#NULL!	6273447	7	2005	73447	3447	0	20	683080	6122389	13N01	.1	1.23	1	.2	.2	81	.19	.1	.71	.2	2	3.77
6223131	6253448	5	2005	53448	3448	0	20	684798	6123570	13N01	.1	.84	1	.2	.2	35	.21	.1	.67	1.5	1	3.71
6223132	6253449	5	2005	53449	3449	0	20	683857	6124412	13N01	.1	1.00	1	.2	.2	12	.26	.1	1.03	.2	1	6.26
6223133	6253450	5	2005	53450	3450	0	20	678110	6125208	13N01	.1	1.04	1	.2	.2	79	.33	.1	1.18	.2	1	6.49
6223134	6253451	5	2005	53451	3451	0	20	677149	6124815	13N01	.1	1.15	1	.2	.9	437	.30	.1	1.04	3.9	1	4.42
6223135	6253452	5	2005	53452	3452	0	20	677895	6121899	13N01	.1	.62	1	.2	.6	17	.14	.1	.51	1.2	1	2.76
6223136	6253453	5	2005	53453	3453	0	20	677852	6120815	13N01	.1	1.13	1	.2	1.0	5	.27	.1	.57	.2	1	3.74
6223137	6253454	5	2005	53454	3454	0	20	677225	6120280	13N01	.1	.92	1	.2	.7	5	.14	.1	.46	.2	1	2.74
6223138	6253455	5	2005	53455	3455	0	20	677715	6116724	13N01	.1	1.22	1	.2	1.2	42	.24	.1	.70	.2	1	4.63
6223139	6253456	5	2005	53456	3456	0	20	679008	6115939	13N01	.1	1.04	1	.2	2.1	31	.14	.1	.50	.2	2	2.75
6223141	6253457	5	2005	53457	3457	0	20	677000	6114100	13N01	.1	.91	1	.2	3.9	5	.15	.1	.38	.2	1	2.08
6223142	6253458	5	2005	53458	3458	0	20	675543	6112510	13N01	.1	.65	1	.2	.2	30	.12	.1	.46	.2	1	2.33
6223143	6253459	5	2005	53459	3459	1	20	673769	6110240	13N01	.1	1.87	1	.2	1.4	43	.23	.1	.72	.5	1	2.84
6223144	6253460	5	2005	53460	3460	2	20	673769	6110240	13N01	.1	1.90	1	.2	1.2	75	.27	.1	.74	.2	1	2.86
6223145	6253461	5	2005	53461	3461	0	20	672121	6108087	13N01	.1	1.56	1	.2	1.3	82	.28	.1	.79	.2	1	3.61
6223146	6253462	5	2005	53462	3462	0	20	670480	6104824	13N01	.1	.77	1	.2	.2	46	.17	.1	.46	.2	1	1.97
6223147	6253463	5	2005	53463	3463	0	20	667061	6098782	13N01	.1	1.18	1	.2	.2	15	.09	.1	.38	.2	1	1.20
6223148	6253464	5	2005	53464	3464	0	20	666983	6097341	13K16	.1	1.04	1	.2	.2	13	.08	.1	.31	.7	1	1.19
6223149	6253465	5	2005	53465	3465	0	20	672162	6092773	13K16	.1	.63	1	.2	.2	5	.05	.1	.20	.2	1	1.11
6223151	6253466	5	2005	53466	3466	0	20	675093	6091404	13K16	.1	.71	1	.2	.2	5	.07	.2	.19	.2	1	1.03
6223152	6253467	5	2005	53467	3467	0	20	676276	6091164	13K16	.1	1.78	1	.2	.2	5	.10	.1	.33	.2	1	1.30
6223153	6253468	5	2005	53468	3468	0	20	678945	6090055	13K16	.1	.62	1	.2	.2	12	.05	.1	.18	.8	1	1.20
6223154	6253469	5	2005	53469	3469	0	20	682347	6088580	13K16	.1	.38	1	.2	.2	5	.04	.1	.14	.2	1	1.06
6223155	6253470	5	2005	53470	3470	0	20	686381	6088116	13K16	.1	.99	1	.2	.2	5	.06	.1	.20	.5	1	1.20
6223156	6253471	5	2005	53471	3471	0	20	688868	6089040	13K16	.1	.71	1	.2	.2	5	.05	.1	.19	.2	2	1.06
6223157	6253472	5	2005	53472	3472	0	20	690065	6089294	13K16	.1	.47	1	.2	.9	23	.03	.1	.09	1.2	1	1.12
6223158	6253473	5	2005	53473	3473	0	21	308388	6091165	13J13	.1	.89	1	.2	.6	11	.08	.1	.23	.2	1	1.50
6223159	6253474	5	2005	53474	3474	0	20	664587	6098593	13N01	.1	.66	1	.2	.2	5	.10	.1	.35	.2	1	1.12
6223161	6253475	5	2005	53475	3475	0	20	666040	6101514	13N01	.1	1.03	1	.2	1.1	15	.20	.1	.62	.2	1	2.74
6223162	6253476	5	2005	53476	3476	0	20	666940	6104438	13N01	.1	1.19	1	.2	.2	31	.20	.1	.55	.2	1	2.27
6223163	6253477	5	2005	53477	3477	0	20	668707	6109395	13N01	.1	.69	1	.2	.2	57	.09	.1	.30	.2	1	1.91
6223164	6253478	5	2005	53478	3478	0	20	671531	6110777	13N01	.1	1.50	1	.2	.2	5	.24	.1	.68	.2	1	3.46
6223165	6253479	5	2005	53479	3479	0	20	672511	6114154	13N01	.1	1.22	1	.2	.6	5	.12	.1	.43	.2	1	2.13
6223167	6253481	5	2005	53481	3481	0	20	674647	6116096	13N01	.1	.66	1	.2	.2	5	.11	.1	.36	.2	1	1.99
6223168	6253482	5	2005	53482	3482	0	20	674392	6117209	13N01	.1	.86	1	.2	.6	5	.11	.1	.37	.2	1	2.26
6223169	6253483	5	2005	53483	3483	0	20	672304	6116872	13N01	.1	.97	1	.2	.9	5	.13	.1	.48	.2	1	2.50
6223171	6253484	5	2005	53484	3484	0	20	672917	6119530	13N01	.1	.95	1	.2	.9	5	.17	.1	.45	1.0	1	2.62
6223172	6253485	5	2005	53485	3485	0	20	673563	6121609	13N01	.1	.89	1	.2	.8	5	.10	.1	.42	.2	1	2.42
6223173	6253486	5	2005	53486	3486	0	20	671760	6121662	13N01	.1	.93	1	.2	.2	18	.04	.1	.37	.6	1	2.03

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	bew2	caw1	cow2	crw2	cuw2	few1	kw1	liw2	mgw1	mnw1	mow2	naw1
6223174	6253487	5	2005	53487	3487	0	20	670606	6119471	13N01	.1	.82	1	.2	.6	21	.06	.1	.43	.2	1	2.31
6223175	6253488	5	2005	53488	3488	0	20	670288	6117839	13N01	.1	.76	1	.2	.2	53	.14	.1	.47	.2	1	2.48
6223176	6253489	5	2005	53489	3489	0	20	670238	6116543	13N01	.1	1.34	1	.2	.8	111	.19	.1	.65	.2	2	3.06
6223177	6253490	5	2005	53490	3490	0	20	671354	6115377	13N01	.1	.85	1	.2	.2	18	.08	.1	.36	.6	1	2.00
6223178	6253491	5	2005	53491	3491	0	20	669232	6115232	13N01	.1	1.05	1	.2	.2	72	.13	.1	.57	.2	1	2.41
6223179	6253492	5	2005	53492	3492	0	20	669111	6112108	13N01	.1	1.03	1	.2	.2	25	.10	.1	.41	.2	1	2.00
6223181	6253493	5	2005	53493	3493	0	20	668679	6111304	13N01	.1	.66	1	.2	1.2	5	.04	.1	.22	.2	1	1.35
6223182	6253494	5	2005	53494	3494	0	20	666965	6109479	13N01	.1	.75	1	.2	1.4	34	.07	.1	.34	.2	1	2.03
6223183	6253495	5	2005	53495	3495	0	20	666986	6110555	13N01	.1	.64	1	.2	.2	12	.03	.1	.22	.2	1	1.45
6223184	6253496	5	2005	53496	3496	0	20	667043	6112859	13N01	.1	.45	1	.2	1.3	5	.04	.1	.21	.2	1	1.58
6223185	6253497	5	2005	53497	3497	0	20	665210	6112011	13N01	.1	1.30	1	.2	.2	35	.12	.2	.50	.2	1	2.34
6223186	6253498	5	2005	53498	3498	0	20	663160	6112261	13N01	.1	.36	1	.2	.2	17	.06	.1	.14	.2	2	1.14
6223187	6253499	5	2005	53499	3499	1	20	662508	6110119	13N01	.1	.97	1	.2	.2	11	.11	.1	.28	.2	1	1.43
6223188	6253500	5	2005	53500	3500	2	20	662508	6110119	13N01	.1	.98	1	.2	.8	5	.13	.1	.28	.2	1	1.44
6223189	6253501	5	2005	53501	3501	0	20	664585	6110250	13N01	.1	1.27	1	.2	.6	48	.07	.1	.39	1.6	1	1.68
6223191	6253502	5	2005	53502	3502	0	20	664447	6107848	13N01	.1	1.27	1	.2	.2	68	.09	.2	.42	.8	1	1.88
6223192	6253503	5	2005	53503	3503	0	20	660064	6106296	13N01	.1	2.49	1	.2	1.5	21	.18	.3	1.05	.2	1	2.31
6223193	6253504	5	2005	53504	3504	0	20	663691	6104181	13N01	.1	1.07	1	.2	.2	27	.14	.1	.44	.2	1	2.21
6223194	6253505	5	2005	53505	3505	0	20	661230	6102146	13N01	.1	1.04	1	.2	1.0	36	.14	.1	.53	.2	1	1.78
6223195	6253506	5	2005	53506	3506	0	20	664980	6102884	13N01	.1	.95	1	.2	.8	13	.11	.1	.42	.2	1	1.69
6223196	6253507	5	2005	53507	3507	0	20	663978	6101482	13N01	.1	.99	1	.2	1.2	17	.10	.1	.39	.2	2	1.68
6223197	6253508	5	2005	53508	3508	0	20	663085	6098207	13N01	.1	.91	1	.2	1.0	39	.05	.1	.33	3.8	1	1.30
6223198	6253509	5	2005	53509	3509	0	20	660732	6099853	13N01	.1	1.05	1	.2	.9	183	.10	.1	.71	.2	1	2.10
6223199	6253510	5	2005	53510	3510	0	20	660163	6097678	13N01	.1	.59	1	.2	1.6	18	.03	.1	.24	.2	1	1.10
6223201	6253511	5	2005	53511	3511	0	20	661081	6096641	13K16	.1	.48	1	.2	.2	5	.06	.1	.19	.2	1	1.01
6223202	6253512	5	2005	53512	3512	0	20	663243	6096686	13K16	.1	.63	1	.2	1.0	5	.02	.1	.26	.8	1	1.12
6223203	6253513	5	2005	53513	3513	0	20	660546	6093275	13K16	.1	.80	1	.2	1.0	24	.09	.1	.48	.2	1	1.17
6223204	6253514	5	2005	53514	3514	0	20	662942	6094282	13K16	.1	.81	1	.2	1.0	35	.03	.1	.28	.2	1	1.24
6223205	6253515	5	2005	53515	3515	0	20	660909	6091155	13K16	.1	.75	1	.2	1.1	5	.03	.1	.34	.2	1	1.55
6223206	6253516	5	2005	53516	3516	0	20	661082	6084805	13K16	.1	1.43	1	.2	1.5	44	.10	.1	.50	.5	2	1.12
6223207	6253517	5	2005	53517	3517	0	20	665703	6081997	13K16	.1	1.73	1	.2	1.2	19	.14	.1	.46	.2	1	1.38
6223208	6253518	5	2005	53518	3518	0	20	668177	6081994	13K16	.1	.78	1	.2	1.8	5	.07	.1	.24	.2	1	1.07
6223209	6253519	5	2005	53519	3519	1	20	672965	6081499	13K16	.1	.50	1	.2	1.3	5	.05	.1	.16	1.4	1	.93
6223211	6253520	5	2005	53520	3520	2	20	672965	6081499	13K16	.1	.48	1	.2	.2	5	.06	.1	.16	1.2	1	.92
6223212	6253521	5	2005	53521	3521	0	20	676271	6080194	13K16	.1	.48	1	.2	1.3	18	.06	.1	.15	2.5	1	.97
6223213	6253522	5	2005	53522	3522	0	20	689627	6076037	13K16	.1	6.09	1	.2	1.2	5	.52	.1	.49	.2	1	1.40
6223214	6253523	5	2005	53523	3523	0	20	690313	6075665	13K16	.1	7.53	1	.2	1.4	5	.55	.3	.51	.2	1	1.53
6223215	6253524	5	2005	53524	3524	0	20	691214	6075618	13K16	.1	10.18	1	.2	2.3	5	.78	.1	.87	.2	1	2.13
6223216	6253525	5	2005	53525	3525	0	20	692303	6074026	13K16	.1	3.42	1	.2	2.4	40	.17	.2	.45	.7	2	1.57
6223217	6253526	5	2005	53526	3526	0	20	690742	6073132	13K16	.1	3.41	1	.2	1.8	29	.10	.1	.31	.2	1	1.20
6223218	6253527	5	2005	53527	3527	0	20	689487	6072248	13K16	.1	4.47	1	.2	1.8	15	.24	.1	.45	.2	1	1.47
6223219	6253528	5	2005	53528	3528	0	20	687897	6072593	13K16	.1	5.15	1	.2	1.4	5	.30	.1	.46	.8	1	1.35
6223221	6253529	5	2005	53529	3529	0	20	685835	6072774	13K16	.1	6.82	1	.2	1.5	5	1.16	.1	.70	.2	1	1.80
6223222	6253530	5	2005	53530	3530	0	20	682268	6072640	13K16	.1	1.58	1	.2	1.4	14	.13	.1	.24	.6	1	1.06
6223223	6253531	5	2005	53531	3531	0	20	681522	6070985	13K16	.1	1.35	1	.2	1.4	14	.11	.1	.31	1.1	1	1.06
6223224	6253532	5	2005	53532	3532	0	20	678452	6071721	13K16	.1	1.59	1	.2	1.1	31	.12	.4	.29	.6	1	1.18
6223225	6253533	5	2005	53533	3533	0	20	677343	6070815	13K16	.1	1.18	1	.2	1.0	5	.08	.2	.23	.2	1	1.11
6223226	6253534	5	2005	53534	3534	0	20	674588	6070793	13K16	.1	.72	1	.2	1.0	5	.01	.2	.18	.2	2	.90
6223227	6253535	5	2005	53535	3535	0	20	672142	6071069	13K16	.1	.95	1	.2	.7	15	.02	.1	.27	.9	1	1.08
6223228	6253536	5	2005	53536	3536	0	20	669700	6070390	13K16	.1	1.76	1	.2	1.3	5	.05	.1	.33	.2	1	1.04
6223229	6253537	5	2005	53537	3537	0	20	667234	6071066	13K16	.1	1.49	1	.2	1.2	5	.03	.1	.34	.2	1	1.04
6223231	6253538	5	2005	53538	3538	0	20	664760	6070426	13K16	.1	1.27	1	.2	1.5	19	.03	.1	.33	4.2	1	1.40
6223232	6253539	5	2005	53539	3539	1	20	665597	6072740	13K16	.1	1.17	1	.2	.9	10	.04	.1	.25	.2	1	.98
6223233	6253540	5	2005	53540	3540	2	20	665597	6072740	13K16	.1	1.17	1	.2	1.3	13	.03	.1	.24	.2	1	1.00
6223234	6253541	5	2005	53541	3541	0	20	666488	6074069	13K16	.1	1.07	1	.2	.8	5	.01	.1	.26	.2	1	.94
6223235	6253542	5	2005	53542	3542	0	20	669288	6073143	13K16	.1	1.37	1	.2	1.2	5	.01	.1	.28	.2	1	1.02
6223236	6253543	5	2005	53543	3543	0	20	671770	6072395	13K16	.1	1.19	1	.2	1.3	5	.02	.2	.25	.2	2	.98
6223237	6253544	5	2005	53544	3544	0	20	673839	6073235	13K16	.1	1.18	1	.2	3.2	21	.06	.1	.29	5.3	1	1.17
6223238	6253545	5	2005	53545	3545	0	20	676090	6073505	13K16	.1	.81	1	.2	6.0	26	.02	.1	.17	4.8	1	1.02
6223239	6253546	5	2005	53546	3546	0	20	678710	6073735	13K16	.1	.59	1	.2	1.0	15	.01	.1	.18	.2	1	.95
6223241	6253547	5	2005	53547	3547	0	20	680734	6073720	13K16	.1	.73	1	.8	1.5	5	.01	.1	.16	1.4	1	.98
6223242	6253548	5	2005	53548	3548	0	20	682997	6074074	13K16	.1	1.54	1	.2	.2	16	.12	.1	.30	1.0	1	1.11
6223243	6253549	5	2005	53549	3549	0	20	684372	6075029	13K16	.1	1.82	1	.2	.6	66	.30	.1	.50	1.3	1	1.37
6223244	6253550	5	2005	53550	3550	0	20	686372	6074534	13K16	.1	6.35	1	.2	.2	5	1.16	.1	.62	.2	1	1.64
6223245	6253551	5	2005	53551	3551	0	20	687211	6076253	13K16	.1	3.65	1	.2	.2	5	.36	.1	.39	.2	1	1.33
6223246	6253552	5	2005	53552	3552	0	20	685463	6076123	13K16	.1	3.07	1	.2	.2	5	.27	.1	.37	.2	1	1.23
6223247	6253553	5	2005	53553	3553	0	20	683552	6076044	13K16	.1	1.19	1	.2	.2	5	.07	.1	.23	.2	1	1.04
6223248	6253554	5	2005	53554	3554	0	20	681050	6076019	13K16	.1	.77	1	.2	.2	18	.04	.1	.15	1.4	2	1.03
6223249	6253555	5	2005	53555	3555	0	20	678743	6075565	13K16	.1	.72	1	.2	.2	17	.02	.1	.14	1.0	1	.93

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	bew2	caw1	cow2	crw2	cuw2	few1	kw1	liw2	mgw1	mnw1	mow2	naw1
6223251	6253556	5	2005	53556	3556	0	20	674420	6075896	13K16	.1	.72	1	.2	.2	12	.01	.1	.18	.9	1	.87
6223252	6253557	5	2005	53557	3557	0	20	671632	6075822	13K16	.1	.71	1	.2	.2	24	.05	.1	.20	.7	1	1.10
6223253	6253558	5	2005	53558	3558	0	20	669738	6074972	13K16	.1	.80	1	.2	.2	5	.07	.1	.21	.2	1	.92
6223254	6253559	5	2005	53559	3559	1	20	671500	6076895	13K16	.1	.46	1	.2	.2	19	.01	.1	.14	.8	1	1.07
6223255	6253560	5	2005	53560	3560	2	20	671500	6076895	13K16	.1	.45	1	.2	.2	14	.02	.1	.13	.9	1	.90
6223256	6253561	5	2005	53561	3561	0	20	677215	6076765	13K16	.1	.62	1	.2	.2	5	.01	.1	.15	.2	1	.82
6223257	6253562	5	2005	53562	3562	0	20	680500	6078700	13K16	.1	.71	1	.2	.2	5	.06	.1	.18	2.5	1	.99
6223258	6253563	5	2005	53563	3563	0	20	682820	6079850	13K16	.1	.74	1	.2	.2	24	.05	.1	.14	1.4	2	.88
6223259	6253564	5	2005	53564	3564	0	20	685480	6078472	13K16	.1	.75	1	.2	.2	5	.06	.1	.18	2.8	1	.96
6223261	6253565	5	2005	53565	3565	0	20	688334	6079160	13K16	.1	3.32	1	.2	.2	5	.34	.1	.39	.2	1	1.24
6223262	6253566	5	2005	53566	3566	0	20	689130	6080090	13K16	.1	2.51	1	.2	.5	5	.28	.1	.39	1.4	1	1.44
6223263	6253567	5	2005	53567	3567	0	20	689685	6065065	13K09	.1	.44	1	.2	.2	16	.24	.1	.13	1.3	1	1.13
6223264	6253568	5	2005	53568	3568	0	20	686190	6062127	13K09	.1	.41	1	.2	.2	26	.13	.1	.13	2.0	1	.96
6223265	6253569	5	2005	53569	3569	0	20	673750	6055691	13K09	.1	.66	1	.2	.2	16	.09	.1	.22	3.1	1	.87
6223266	6253570	5	2005	53570	3570	0	20	676151	6066709	13K09	.1	2.28	1	.5	.9	1052	.19	.5	1.64	6.9	1	5.13
6223267	6253571	5	2005	53571	3571	0	20	690259	6078853	13K16	.1	2.69	1	.2	.2	5	.30	.1	.32	.2	1	1.13
6223268	6253572	5	2005	53572	3572	0	20	691262	6078748	13K16	.1	4.76	1	.2	.6	5	.25	.1	.49	.2	2	1.47
6223269	6253573	5	2005	53573	3573	0	20	691492	6080377	13K16	.1	4.61	1	.2	.2	5	.32	.1	.42	.2	1	1.38
6223271	6253574	5	2005	53574	3574	0	20	691547	6084458	13K16	.1	1.09	1	.2	.7	15	.15	.1	.22	2.1	1	1.39
6223272	6253575	5	2005	53575	3575	0	20	690224	6085490	13K16	.1	1.08	1	.2	.2	5	.08	.1	.21	2.2	1	1.09
6223273	6253576	5	2005	53576	3576	0	20	688210	6083227	13K16	.1	.68	1	.2	3.1	19	.13	.1	.16	1.1	1	1.59
6223274	6253577	5	2005	53577	3577	0	20	686754	6082313	13K16	.1	.60	1	.2	.2	34	.04	.1	.17	1.0	1	1.13
6223275	6253578	5	2005	53578	3578	0	20	686790	6080592	13K16	.1	2.45	1	.2	.2	10	.22	.1	.38	.2	1	1.74
6223276	6253579	5	2005	53579	3579	1	20	684036	6080613	13K16	.1	.61	1	.2	.2	5	.03	.1	.15	.5	1	.98
6223277	6253580	5	2005	53580	3580	2	20	684036	6080613	13K16	.1	.59	1	.2	.2	5	.04	.1	.16	1.4	1	.96
6223278	6253581	5	2005	53581	3581	0	20	681642	6080880	13K16	.1	.55	1	.2	.2	5	.01	.1	.16	1.7	2	.96
6223279	6253582	5	2005	53582	3582	0	20	680017	6080247	13K16	.1	1.06	1	.2	.2	5	.05	.1	.24	.2	1	1.08
6223281	6253583	5	2005	53583	3583	0	20	678748	6079788	13K16	.1	.63	1	.2	.2	12	.05	.1	.18	.2	1	1.09
6223282	6253584	5	2005	53584	3584	0	20	678580	6079023	13K16	.1	.68	1	.2	.2	38	.02	.1	.17	.7	1	.85
6223283	6253585	5	2005	53585	3585	0	20	676274	6078379	13K16	.1	.51	1	.2	.2	13	.03	.1	.15	1.0	1	.98
6223284	6253586	5	2005	53586	3586	0	20	673818	6079219	13K16	.1	.67	1	.2	.2	19	.01	.1	.17	.8	1	.85
6223285	6253587	5	2005	53587	3587	0	20	672625	6080672	13K16	.1	.75	1	.2	.2	5	.05	.1	.19	1.0	1	.87
6223286	6253588	2	2005	53588	3588	0	20	670837	6080120	13K16	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!
6223287	6253589	5	2005	53589	3589	0	20	668739	6080201	13K16	.1	.63	1	.2	.2	44	.06	.2	.26	.2	1	1.02
6223288	6253590	5	2005	53590	3590	0	20	669154	6077771	13K16	.1	.78	1	.2	.7	15	.02	.1	.20	.2	1	.89
6223289	6253591	5	2005	53591	3591	0	20	666723	6077526	13K16	.1	1.02	1	.2	.6	5	.04	.1	.25	.2	1	.88
6223291	6253592	5	2005	53592	3592	0	20	665916	6075836	13K16	.1	.97	1	.2	.2	5	.04	.1	.25	.2	1	.87
6223292	6253593	5	2005	53593	3593	0	20	664644	6076193	13K16	.1	1.83	1	.2	.9	16	.06	.1	.33	.2	1	1.01
6223293	6253594	5	2005	53594	3594	0	20	663789	6077215	13K16	.1	.82	1	.2	.2	5	.07	.1	.25	.2	1	1.00
6223294	6253595	5	2005	53595	3595	0	20	666280	6078714	13K16	.1	.77	1	.2	.2	5	.03	.1	.24	.2	1	1.00
6223295	6253596	5	2005	53596	3596	0	20	666475	6079825	13K16	.1	.59	1	.2	.2	27	.06	.1	.28	.2	2	1.04
6223296	6253597	5	2005	53597	3597	0	20	670393	6083356	13K16	.1	1.41	1	.2	.2	5	.07	.1	.38	.2	1	1.19
6223297	6253598	5	2005	53598	3598	0	20	670281	6084201	13K16	.1	.73	1	.2	.2	5	.05	.1	.24	.6	1	1.02
6223298	6253599	5	2005	53599	3599	1	20	669073	6085698	13K16	.1	1.47	1	.2	.2	11	.06	.1	.32	.2	1	1.07
6223299	6253600	5	2005	53600	3600	2	20	669073	6085698	13K16	.1	1.46	1	.2	.2	11	.04	.1	.31	.2	1	1.05
6223301	6253601	5	2005	53601	3601	0	20	669530	6087227	13K16	.1	1.12	1	.2	.2	5	.08	.1	.27	.2	1	1.03
6223302	6253602	5	2005	53602	3602	0	20	668726	6088159	13K16	.1	1.01	1	.2	.7	5	.10	.1	.26	.2	1	1.19
6223303	6253603	5	2005	53603	3603	0	20	669839	6088720	13K16	.1	.97	1	.2	.7	11	.04	.1	.28	.5	1	1.22
6223304	6253604	5	2005	53604	3604	0	20	665968	6088758	13K16	.1	1.62	1	.2	.2	69	.15	.2	.45	.2	1	1.24
6223305	6253605	5	2005	53605	3605	0	20	663115	6089646	13K16	.1	1.34	1	.2	1.0	33	.05	.1	.29	.2	2	.94
6223306	6253606	5	2005	53606	3606	0	20	666219	6095120	13K16	.1	.58	1	.2	.2	37	.06	.1	.20	.8	1	.99
6223307	6253607	5	2005	53607	3607	0	20	670007	6105230	13N01	.1	.61	1	.2	.2	70	.14	.1	.40	.7	1	1.69
6223308	6253608	5	2005	53608	3608	0	20	666863	6091212	13K16	.1	1.58	1	.2	1.1	5	.14	.1	.30	.2	1	1.10
6223309	6253609	5	2005	53609	3609	0	20	668769	6091587	13K16	.1	1.14	1	.2	1.3	5	.12	.2	.28	.2	1	1.26
6223311	6253610	5	2005	53610	3610	0	20	671263	6090723	13K16	.1	.79	1	.2	.7	24	.05	.1	.26	.2	1	1.12
6223312	6253611	5	2005	53611	3611	0	20	672370	6090552	13K16	.1	.78	1	.2	.2	5	.01	.1	.23	.2	1	1.01
6223313	6253612	5	2005	53612	3612	0	20	673088	6091217	13K16	.1	.55	1	.2	.2	29	.07	.1	.17	.2	1	.93
6223314	6253613	5	2005	53613	3613	0	20	674511	6093283	13K16	.1	.64	1	.2	.2	5	.07	.1	.22	.7	1	1.06
6223315	6253614	5	2005	53614	3614	0	20	673050	6095326	13K16	.1	.68	1	.2	.2	5	.07	.1	.25	.2	2	1.16
6223316	6253615	5	2005	53615	3615	0	20	673682	6095943	13K16	.1	.75	1	.2	.2	75	.01	.2	.26	4.4	1	1.27
6223317	6253616	5	2005	53616	3616	0	20	691147	6094316	13K16	.1	.68	1	.2	.2	12	.04	.1	.21	4.2	1	1.16
6223318	6253617	5	2005	53617	3617	0	20	690175	6091489	13K16	.1	.58	1	.2	.2	5	.03	.1	.18	.7	1	1.08
6223319	6253618	5	2005	53618	3618	0	20	689844	6090764	13K16	.1	.60	1	.2	.2	5	.03	.1	.18	.5	1	1.03
6223321	6253619	5	2005	53619	3619	1	20	688948	6086485	13K16	.1	.62	1	.2	.2	5	.04	.1	.19	2.8	1	1.06
6223322	6253620	5	2005	53620	3620	2	20	688948	6086485	13K16	.1	.64	1	.2	.2	5	.05	.1	.20	2.9	1	1.03
6223323	6253621	5	2005	53621	3621	0	20	685865	6085148	13K16	.1	.58	1	.2	.6	5	.01	.1	.19	.7	1	.96
6223324	6253622	5	2005	53622	3622	0	20	684787	6086207	13K16	.1	.89	1	.2	.2	5	.04	.1	.23	.2	1	1.04
6223325	6253623	5	2005	53623	3623	0	20	683012	6083020	13K16	.1	.59	1	.2	.6	5	.02	.1	.19	.2	2	.92
6223326	6253624	5	2005	53624	3624	0	20	684241	6082383	13K16	.1	.49	1	.2	.6	5	.02	.1	.15	1.7	1	.99

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	bew2	caw1	cow2	crw2	cuw2	few1	kw1	liw2	mgw1	mnw1	mow2	naw1
6223327	6253625	5	2005	53625	3625	0	20	682641	6079084	13K16	.1	2.21	1	.2	.2	11	.09	.2	.28	.2	1	1.24
6223328	6253626	5	2005	53626	3626	0	20	680602	6083155	13K16	.1	.84	1	.2	.2	5	.02	.1	.20	.2	1	.96
6223329	6253627	5	2005	53627	3627	0	20	677670	6083164	13K16	.1	.59	1	.2	.2	5	.02	.1	.15	.6	1	.90
6223331	6253628	5	2005	53628	3628	0	20	675221	6085044	13K16	.1	.39	1	.2	.2	12	.01	.1	.12	.2	1	.84
6223332	6253629	5	2005	53629	3629	0	20	672650	6084525	13K16	.1	.70	1	.2	.2	41	.01	.1	.18	1.8	1	.97
6223333	6253630	5	2005	53630	3630	0	20	672205	6082712	13K16	.1	.66	1	.2	.2	28	.01	.1	.19	.5	1	1.05
6223334	6253631	5	2005	53631	3631	0	20	676075	6083242	13K16	.1	.35	1	.2	.2	5	.02	.1	.11	1.4	1	.81
6223335	6253632	5	2005	53632	3632	0	20	677146	6085957	13K16	.1	.49	1	.2	.2	5	.04	.1	.16	.2	2	.95
6223336	6253633	5	2005	53633	3633	0	20	679333	6085454	13K16	.1	.39	1	.2	.2	5	.02	.1	.14	.9	1	.94
6223337	6253634	5	2005	53634	3634	0	20	681817	6086107	13K16	.1	.33	1	.2	.2	5	.04	.1	.13	.2	1	.95
6223338	6253635	5	2005	53635	3635	0	20	678709	6088060	13K16	.1	.71	1	.2	.2	5	.06	.1	.27	1.0	1	1.25
6223339	6253636	5	2005	53636	3636	0	20	677305	6086946	13K16	.1	.43	1	.2	.2	5	.04	.1	.16	.8	1	.95
6223341	6253637	5	2005	53637	3637	0	20	675129	6087249	13K16	.1	.78	1	.2	.2	22	.06	.1	.28	1.4	1	1.21
6223342	6253638	5	2005	53638	3638	0	20	672341	6088269	13K16	.1	.68	1	.2	.2	5	.03	.1	.20	.5	1	.97
6223343	6253639	5	2005	53639	3639	1	20	673936	6089776	13K16	-9.0	-9.00	-9	-9.0	-9.0	-9	-9.00	-9.0	-9.00	-9.0	-9	-9.00
6223344	6253640	5	2005	53640	3640	2	20	673936	6089776	13K16	.1	.65	1	.2	.2	5	.03	.1	.20	.2	1	1.00
6223345	6253641	5	2005	53641	3641	0	20	679188	6091172	13K16	.1	.52	1	.2	.2	5	.03	.3	.23	1.2	2	1.25
6223346	6253642	5	2005	53642	3642	0	20	680715	6091153	13K16	.1	.48	1	.2	.2	20	.06	.1	.17	.6	1	1.17
6223347	6253643	5	2005	53643	3643	0	20	683938	6089811	13K16	.1	.59	1	.2	.7	10	.07	.1	.19	.2	1	1.09
6223348	6253644	5	2005	53644	3644	0	20	683682	6088838	13K16	.1	.61	1	.2	.2	5	.03	.1	.19	.9	1	1.08
6223349	6253645	5	2005	53645	3645	0	20	686120	6089523	13K16	.1	.70	1	.2	.2	5	.04	.1	.14	.6	1	.90
6223351	6253646	5	2005	53646	3646	0	20	688655	6091006	13K16	.1	.48	1	.2	.2	5	.02	.1	.13	.2	1	1.02
6223352	6253647	5	2005	53647	3647	0	21	309917	6093270	13J13	.1	.63	1	.2	1.3	65	.10	.1	.21	2.5	1	1.66
6223353	6253648	5	2005	53648	3648	0	20	688597	6091975	13K16	.1	.61	1	.2	.2	5	.02	.1	.16	.8	1	1.03
6223354	6253649	5	2005	53649	3649	0	20	686920	6091642	13K16	.1	1.02	1	.2	.2	13	.04	.1	.22	.2	1	1.23
6223355	6253650	5	2005	53650	3650	0	20	683631	6092328	13K16	.1	.60	1	.2	.2	5	.01	.2	.16	.2	2	1.15
6223356	6253651	5	2005	53651	3651	0	20	681364	6092731	13K16	.1	.35	1	.2	.6	5	.02	.1	.15	.2	1	1.26
6223357	6253652	5	2005	53652	3652	0	20	679639	6094064	13K16	.1	.56	1	.2	.2	5	.02	.1	.24	1.1	1	1.29
6223358	6253653	5	2005	53653	3653	0	20	675493	6097299	13K16	.1	.65	1	.2	.2	14	.10	.1	.22	.6	1	1.31
6223359	6253654	5	2005	53654	3654	0	20	679481	6096713	13K16	.1	.92	1	.2	.2	5	.03	.2	.25	1.0	1	1.29
6223361	6253655	5	2005	53655	3655	0	20	682000	6096573	13K16	.1	1.03	1	.2	.2	14	.08	.1	.32	.2	1	1.46
6223362	6253656	5	2005	53656	3656	0	20	683104	6096425	13K16	.1	.92	1	.2	.2	13	.05	.1	.30	.2	1	1.44
6223363	6253657	5	2005	53657	3657	0	20	682857	6095049	13K16	.1	.42	1	.2	.2	5	.01	.1	.15	.2	1	1.11
6223364	6253658	5	2005	53658	3658	0	20	684826	6094535	13K16	.1	.88	1	.2	.2	30	.01	.1	.26	.8	1	1.41
6223365	6253659	5	2005	53659	3659	0	20	686076	6095366	13K16	.1	.71	1	.2	.2	5	.05	.3	.33	.2	1	1.71
6223366	6253660	5	2005	53660	3660	0	20	687931	6093932	13K16	.1	.66	1	.2	.2	5	.05	.1	.20	.6	1	1.29
6223367	6253661	5	2005	53661	3661	1	20	688473	6095909	13K16	.1	.83	1	.2	.2	15	.07	.1	.30	.2	1	1.70
6223368	6253662	5	2005	53662	3662	2	20	688473	6095909	13K16	.1	.82	1	.2	.2	13	.04	.2	.29	.2	1	1.68
6223369	6253663	5	2005	53663	3663	0	20	686032	6097094	13K16	.1	.35	1	.2	.2	16	.01	.1	.15	.2	1	1.34
6223371	6253664	5	2005	53664	3664	0	20	690518	6097443	13K16	.1	1.06	1	.2	.2	5	.06	.1	.30	.2	1	1.57
6223372	6253665	5	2005	53665	3665	0	21	310311	6099251	13O04	.1	.69	1	.2	.2	5	.06	.1	.22	.7	1	1.39
6223373	6253666	5	2005	53666	3666	0	21	308280	6099386	13O04	.1	1.03	1	.2	.2	5	.09	.2	.29	.2	1	1.67
6223374	6253667	5	2005	53667	3667	0	21	309649	6105736	13O04	.1	.79	1	.2	.2	5	.07	.1	.29	.2	1	1.78
6223375	6253668	5	2005	53668	3668	0	21	309205	6104297	13O04	.1	.85	1	.2	.2	58	.10	.2	.37	.2	2	2.10
6223376	6253669	5	2005	53669	3669	0	21	309150	6097264	13J13	.1	.47	1	.2	.2	18	.03	.2	.25	1.0	1	1.76
6223377	6253670	5	2005	53670	3670	0	21	308684	6095124	13J13	.1	.74	1	.2	.2	33	.02	.2	.22	1.8	1	1.84
6223378	6253671	5	2005	53671	3671	0	21	311073	6094171	13J13	.1	1.00	1	.2	.2	5	.05	.2	.25	.2	1	1.55
6223379	6253672	5	2005	53672	3672	0	21	311478	6095866	13J13	.1	1.48	1	.2	.2	5	.13	.1	.35	.2	1	1.88
6223381	6253673	5	2005	53673	3673	0	21	313104	6097668	13J13	.1	.73	1	.2	.2	32	.07	.1	.32	1.3	1	1.88
6223382	6253674	5	2005	53674	3674	0	21	312172	6095057	13J13	.1	.83	1	.2	.2	38	.10	.1	.32	1.9	1	1.87
6223383	6253675	5	2005	53675	3675	0	21	313746	6094222	13J13	.1	.92	1	.2	.2	24	.12	.1	.37	.7	1	2.00
6223384	6253676	5	2005	53676	3676	0	21	310948	6092360	13J13	.1	1.62	1	.2	.2	10	.20	.1	.40	.2	1	2.04
6223385	6253677	5	2005	53677	3677	0	21	312737	6091039	13J13	.1	1.46	1	.2	.2	17	.18	.1	.34	.2	1	1.90
6223386	6253678	5	2005	53678	3678	0	21	309010	6089229	13J13	.1	.82	1	.2	.2	21	.13	.1	.25	.2	1	1.62
6223387	6253679	5	2005	53679	3679	1	21	310876	6089055	13J13	.1	.89	1	.2	.2	5	.01	.1	.22	.2	1	1.40
6223388	6253680	5	2005	53680	3680	2	21	310876	6089055	13J13	.1	.91	1	.2	.2	5	.03	.1	.22	.2	3	1.43
6223389	6253681	5	2005	53681	3681	0	21	313242	6089033	13J13	.1	1.37	1	.2	.2	58	.12	.1	.32	.2	1	1.58
6223392	6253683	5	2005	53683	3683	0	21	313493	6087510	13J13	.1	1.89	1	.2	.2	35	.23	.1	.42	1.2	1	1.71
6223393	6253684	5	2005	53684	3684	0	21	310440	6087333	13J13	.1	1.93	1	.2	.2	18	.12	.1	.30	.6	1	1.44
6223394	6253685	5	2005	53685	3685	0	21	309643	6086901	13J13	.1	1.18	1	.2	.2	28	.09	.1	.28	.2	1	1.56
6223395	6253686	5	2005	53686	3686	0	21	311550	6085887	13J13	.1	2.94	1	.2	1.0	5	.35	.1	.50	.2	1	1.89
6223396	6253687	5	2005	53687	3687	0	21	310027	6084968	13J13	.1	1.91	1	.2	.2	11	.07	.1	.28	.2	1	1.30
6223397	6253688	5	2005	53688	3688	0	21	309685	6083787	13J13	.1	2.92	1	.2	.5	14	.49	.1	.57	.2	1	1.89
6223398	6253689	5	2005	53689	3689	0	21	307750	6082322	13J13	.1	2.03	1	.2	.9	24	.13	.1	.24	.7	3	1.17
6223399	6253690	5	2005	53690	3690	0	21	311323	6084091	13J13	.1	1.92	1	.2	.7	29	.30	.1	.52	1.3	1	1.87
6223401	6253691	5	2005	53691	3691	0	21	314391	6085513	13J13	.1	1.19	1	.2	.2	5	.20	.1	.42	.2	1	1.87
6223402	6253692	5	2005	53692	3692	0	21	317184	6087274	13J13	.1	1.37	1	.2	.7	57	.13	.2	.44	1.3	1	1.89
6223403	6253693	5	2005	53693	3693	0	21	315615	6089195	13J13	.1	2.02	1	.2	.2	44	.28	.1	.50	.5	1	2.04
6223404	6253694	5	2005	53694	3694	0	21	317673	6093084	13J13	.1	1.22	1	.2	.7	12	.18	.1	.32	1.3	1	1.70

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	bew2	caw1	cow2	crw2	cuw2	few1	kw1	liw2	mgw1	mnw1	mow2	naw1
6223405	6253695	5	2005	53695	3695	0	21	319780	6094069	13J13	.1	2.86	1	.2	.8	137	.18	.1	.60	3.1	1	2.23
6223406	6253696	5	2005	53696	3696	0	21	315106	6084105	13J13	.1	1.04	1	.2	1.5	71	.20	.1	.50	2.5	1	1.93
6223407	6253697	5	2005	53697	3697	0	21	326710	6096336	13J13	.1	.81	1	.2	.2	132	.15	.1	.47	3.1	1	2.89
6223408	6253698	5	2005	53698	3698	0	21	329503	6097556	13J13	.1	.76	1	.2	.2	51	.16	.2	.52	3.5	2	2.68
6223409	6253699	5	2005	53699	3699	1	21	335250	6094598	13J13	.1	.87	1	.2	.2	155	.10	.1	.39	3.7	1	2.30
6223411	6253700	5	2005	53700	3700	2	21	335250	6094598	13J13	.1	.88	1	.2	.2	148	.10	.1	.39	3.6	1	2.25
6223412	6253701	5	2005	53701	3701	0	21	336960	6095210	13J13	.1	.61	1	.2	.2	131	.07	.1	.41	1.5	1	2.51
6223413	6253702	5	2005	53702	3702	0	21	339508	6095236	13J13	.1	1.53	1	.2	.2	69	.13	.4	.45	.2	1	2.64
6223414	6253703	5	2005	53703	3703	0	21	337931	6093364	13J13	.1	1.37	1	.2	.2	42	.11	.1	.39	1.1	1	2.44
6223415	6253704	5	2005	53704	3704	0	21	338267	6091938	13J13	.1	1.17	1	.2	.2	120	.12	.2	.40	1.6	1	2.33
6223416	6253705	5	2005	53705	3705	0	21	336898	6089332	13J13	.1	1.51	1	.2	.2	139	.22	.5	.53	1.3	1	2.65
6223417	6253706	5	2005	53706	3706	0	21	331804	6088391	13J13	.1	.57	1	.2	.2	55	.07	.1	.21	.2	1	1.83
6223418	6253707	5	2005	53707	3707	0	21	331728	6083544	13J13	.1	1.03	1	.2	.2	257	.19	.7	.48	1.5	3	2.72
6223419	6253708	5	2005	53708	3708	0	21	333737	6082809	13J13	.1	.95	1	.2	.2	73	.18	.3	.43	1.3	1	2.05
6223421	6253709	5	2005	53709	3709	0	21	331117	6080264	13J13	.1	.76	1	.2	.2	15	.16	.1	.33	1.4	1	1.76
6223422	6253710	5	2005	53710	3710	0	21	334924	6080589	13J13	.1	.72	1	.2	.2	5	.17	.1	.29	3.3	1	1.73
6223423	6253711	5	2005	53711	3711	0	21	338880	6079165	13J13	.1	1.00	1	.2	.2	56	.14	.3	.41	2.6	1	2.04
6223424	6253712	5	2005	53712	3712	0	21	338450	6077243	13J13	.1	.61	1	.2	.2	73	.06	.1	.33	3.0	1	1.92
6223425	6253713	5	2005	53713	3713	0	21	335666	6078494	13J13	.1	1.08	1	.2	.2	38	.46	.3	.42	1.0	1	2.08
6223426	6253714	2	2005	23714	3714	0	21	332983	6079022	13J13	.1	.88	1	.2	.2	55	.23	.2	.38	3.5	1	1.98
6223427	6223715	2	2005	23715	3715	0	21	344766	6068493	13J11	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!
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6223501	6253781	5	2005	53781	3781	0	21	332065	6077595	13J13	.1	.80	1	.2	.2	48	.36	.3	.33	.2	1	1.81
6223502	6253782	5	2005	53782	3782	0	21	332654	6076584	13J13	.1	.88	1	.2	.2	43	.36	.4	.36	.8	3	1.99
6223503	6253783	5	2005	53783	3783	0	21	335886	6075591	13J13	.1	.60	1	.2	.2	38	.07	.1	.26	.7	1	1.47
6223504	6253784	5	2005	53784	3784	0	21	333802	6075414	13J13	.1	.73	1	.2	.2	5	.21	.2	.31	2.0	1	1.56
6223505	6253785	5	2005	53785	3785	1	21	330347	6075471	13J13	.1	.76	1	.2	.2	17	.16	.1	.35	2.3	1	1.53
6223506	6253786	5	2005	53786	3786	2	21	330347	6075471	13J13	.1	.72	1	.2	.2	18	.16	.1	.34	2.0	1	1.49
6223507	6253787	5	2005	53787	3787	0	21	331911	6073307	13J13	.1	.56	1	.2	.2	57	.04	.1	.28	2.5	1	1.64
6223508	6253788	5	2005	53788	3788	0	21	333692	6072912	13J13	.1	.75	1	.2	.2	83	.23	.1	.46	1.4	1	1.84
6223509	6253789	5	2005	53789	3789	0	21	335107	6072954	13J13	.1	.58	1	.2	1.0	50	.09	.1	.27	1.9	1	1.45
6223511	6253790	5	2005	53790	3790	0	21	334512	6072218	13J13	.1	.63	1	.2	.2	47	.11	.2	.31	1.1	1	1.71
6223512	6253791	5	2005	53791	3791	0	21	337785	6071141	13J13	.1	.60	1	.2	1.0	51	.01	.3	.26	.8	3	1.19
6223513	6253792	5	2005	53792	3792	0	21	337957	6073119	13J13	.1	.22	1	.2	.2	29	.01	.1	.16	1.3	1	1.40
6223514	6253793	5	2005	53793	3793	0	21	325171	6083036	13J13	.1	1.74	1	.2	.2	240	.01	.2	.34	1.1	1	1.58
6223515	6253794	5	2005	53794	3794	0	21	326582	6083950	13J13	.1	.49	1	.2	.2	5	.02	.1	.25	.9	1	1.55
6223516	6253795	5	2005	53795	3795	0	21	325044	6084265	13J13	.1	1.51	1	.2	.2	32	.08	.1	.31	.2	1	1.56
6223517	6253796	5	2005	53796	3796	0	21	347865	6055514	13J11	.1	.70	1	.2	.2	35	.13	.2	.26	3.5	1	1.32
6223518	6253797	5	2005	53797	3797	0	21	343609	6050759	13J11	.1	.81	1	.2	.2	257	.23	.3	.41	.2	1	1.60
6223519	6253798	5	2005	53798	3798	0	21	346054	6051331	13J11	.1	1.48	1	.2	.2	227	.58	.4	.83	.6	1	1.84
6223521	6253799	5	2005	53799	3799	0	21	348305	6053030	13J11	.1	1.23	1	.2	.2	620	.29	.4	.68	1.7	1	2.24
6223522	6253800	5	2005	53800	3800	0	21	350650	6052162	13J11	.1	.67	1	.2	.2	164	.20	.3	.36	3.4	3	1.87
6223523	6253801	5	2005	53801	3801	0	21	355425	6053316	13J11	.1	.29	1	.2	.2	29	.01	.1	.14	.7	1	1.10
6223524	6253802	5	2005	53802	3802	0	21	355347	6052692	13J11	.1	.38	1	.2	.2	101	.01	.1	.17	.9	1	1.16
6223525	6253803	5	2005	53803	3803	0	21	356342	6050220	13J11	.1	.98	1	.2	.2	5	.25	.1	.33	.2	1	1.42
6223526	6253804	5	2005	53804	3804	0	21	361208	6053056	13J11	.1	.64	1	.2	.2	205	.10	.1	.28	.2	1	1.51
6223527	6253805	5	2005	53805	3805	1	21	362355	6053650	13J11	.1	.66	1	.2	.2	82	.11	.1	.29	.2	1	1.51
6223528	6253806	5	2005	53806	3806	2	21	362355	6053650	13J11	.1	.70	1	.2	.2	80	.13	.1	.30	.2	1	1.49
6223529	6253807	5	2005	53807	3807	0	21	364240	6055037	13J11	.1	.49	1	.2	.2	104	.04	.2	.17	.8	1	1.51
6223531	6253808	5	2005	53808	3808	0	21	370474	6053819	13J11	.1	.78	1	.2	.2	300	.11	.1	.32	1.1	1	1.64
6223532	6253809	5	2005	53809	3809	0	21	370550	6047272	13J11	.1	.76	1	.2	.2	76	.06	.2	.24	1.2	3	1.22
6223533	6253810	5	2005	53810	3810	0	21	370377	6045405	13J11	.1	.89	1	.2	.6	18	.16	.1	.35	.2	1	1.59
6223534	6253811	5	2005	53811	3811	0	21	363002	6046614	13J11	.1	.90	1	.2	.2	35	.22	.1	.28	.2	1	1.58
6223535	6253812	5	2005	53812	3812	0	21	362209	6045456	13J11	.1	.56	1	.2	.2	24	.17	.1	.17	.2	1	1.33
6223536	6253813	5	2005	53813	3813	0	21	361758	6044300	13J11	.1	.67	1	.6	.2	113	.18	.2	.27	.7	1	1.23
6223537	6253814	5	2005	53814	3814	0	21	358342	6043432	13J11	.1	.61	1	.2	.2	19	.13	.1	.22	.2	1	1.16
6223538	6253815	5	2005	53815	3815	0	21	357040	6044525	13J11	.1	1.23	1	.2	.2	136	.16	.2	.38	.2	1	1.61
6223539	6253816	5	2005	53816	3816	0	21	349858	6047954	13J11	.1	.64	1	.2	.2	255	.10	.1	.33	1.4	1	1.48
6223541	6253817	5	2005	53817	3817	0	21	347726	6043680	13J11	.1	.88	1	.2	.2	126	.12	.3	.35	.2	1	1.61
6223542	6253818	5	2005	53818	3818	0	21	343559	6044664	13J11	.1	1.17	1	.5	.2	37	.42	.2	.49	.2	2	1.42

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6222634	6253001	5	2005	53001	3001	0	20	678062	6069807	13K09	1	2	0	.74	.09	5.0	.1	.163	.1	.1	2.0
6222635	6253002	5	2005	53002	3002	0	20	676113	6069185	13K09	1	2	0	.41	.05	4.6	.1	.267	.1	.1	1.0
6222636	6253003	5	2005	53003	3003	0	20	673963	6069298	13K09	1	2	0	.56	.02	3.9	.1	.164	.1	.1	2.0
6222637	6253004	5	2005	53004	3004	0	20	672389	6068737	13K09	1	2	0	.34	.03	5.3	.1	.181	.1	.1	1.0
6222638	6253005	2	2005	53005	3005	0	20	671007	6068263	13K09	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!
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6222646	6253012	5	2005	53012	3012	0	20	676479	6061717	13K09	2	9	0	1.03	.17	7.8	1.4	.151	.4	.1	1.0
6222647	6253013	5	2005	53013	3013	0	20	676926	6063590	13K09	1	2	0	.87	.05	6.2	4.5	.108	1.0	.2	3.0
6222648	6253014	5	2005	53014	3014	0	20	679818	6062633	13K09	2	7	0	.34	.06	5.6	.3	.068	.1	.1	.5
6222649	6253015	5	2005	53015	3015	0	20	680570	6062187	13K09	2	23	0	.89	.28	7.1	.3	.171	.1	.4	2.0
6222651	6253016	5	2005	53016	3016	0	20	681408	6062898	13K09	2	2	0	1.58	.16	7.1	.1	.358	.1	1.4	1.0
6222652	6253017	5	2005	53017	3017	0	20	683098	6063698	13K09	1	5	0	1.39	.11	6.5	.1	.279	.1	.8	2.0
6222653	6253018	5	2005	53018	3018	0	20	683596	6065217	13K09	2	5	0	1.36	.15	7.8	.1	.276	.1	.7	1.0
6222654	6253019	5	2005	53019	3019	1	20	686691	6065038	13K09	3	5	0	.92	.15	6.7	.1	.224	.1	.1	.5
6222655	6253020	5	2005	53020	3020	2	20	686691	6065038	13K09	1	18	0	.92	.21	6.6	.1	.227	.1	.1	.5
6222656	6253021	5	2005	53021	3021	0	20	687332	6066450	13K09	2	24	0	.60	.29	7.6	.1	.189	.1	.1	4.0
6222657	6253022	5	2005	53022	3022	0	20	688951	6066554	13K09	2	19	0	.94	.24	7.9	.7	.378	.1	.1	.5
6222658	6253023	5	2005	53023	3023	0	20	689781	6068976	13K09	1	5	0	.01	.01	1.7	.1	.013	.1	.1	.5
6222659	6253024	5	2005	53024	3024	0	21	308060	6073660	13J13	2	10	0	1.23	.57	5.4	.5	.341	.4	.2	1.0
6222661	6253025	5	2005	53025	3025	0	21	308666	6075111	13J13	1	2	0	1.22	.13	4.4	.3	.040	.1	.1	.5
6222662	6253026	5	2005	53026	3026	0	21	307144	6074900	13J13	2	22	0	.72	.29	5.1	.1	.036	.3	.1	1.0
6222663	6253027	5	2005	53027	3027	0	21	309497	6078298	13J13	2	11	0	.40	.44	9.4	.2	.111	.3	.1	1.0
6222664	6253028	5	2005	53028	3028	0	21	311603	6078264	13J13	2	8	0	.29	.20	4.8	.1	.032	.1	.1	2.0
6222665	6253029	5	2005	53029	3029	0	21	312764	6077794	13J13	3	9	0	.41	.20	7.2	.4	.116	.4	.1	4.0
6222666	6253030	5	2005	53030	3030	0	21	315113	6078341	13J13	1	25	0	.24	.06	4.1	.1	.034	.1	.1	.5
6222667	6253031	5	2005	53031	3031	0	21	316529	6079976	13J13	2	6	0	.21	.24	8.8	.1	.050	.3	.1	2.0
6222668	6253032	5	2005	53032	3032	0	21	317652	6079979	13J13	2	7	0	1.14	.18	15.7	.1	.200	.1	.1	1.0
6222669	6253033	5	2005	53033	3033	0	21	321324	6080718	13J13	3	12	0	.68	.49	8.5	1.3	.165	.2	.1	5.0
6222671	6253034	5	2005	53034	3034	0	21	323560	6083824	13J13	1	2	0	.55	.06	3.0	.1	.042	.1	.1	2.0
6222731	6253035	5	2005	53035	3035	0	21	322636	6085487	13J13	2	23	0	.15	.10	2.4	.1	.013	.1	.1	.5
6222732	6253036	5	2005	53036	3036	0	21	319640	6088135	13J13	2	2	0	1.14	.13	5.8	.1	.024	.1	.1	2.0
6222733	6253037	5	2005	53037	3037	0	21	318469	6089079	13J13	2	2	0	.75	.12	6.5	.2	.050	.1	.1	.5
6222734	6253038	5	2005	53038	3038	0	21	321691	6089769	13J13	3	8	0	.40	.11	5.4	.8	.029	.1	.1	2.0
6222735	6253039	5	2005	53039	3039	1	20	689554	6065230	13K09	4	13	0	.01	.03	2.2	.1	.138	.1	.1	6.0
6222736	6253040	5	2005	53040	3040	2	20	689554	6065230	13K09	2	2	0	.01	.03	2.2	.1	.149	.1	.1	1.0
6222737	6253041	2	2005	53041	3041	0	20	686966	6063240	13K09	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!
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6222739	6253043	5	2005	53043	3043	0	20	685187	6063410	13K09	2	2	0	1.01	.07	4.8	.1	.365	.1	.2	1.0
6222741	6253044	5	2005	53044	3044	0	20	683465	6062721	13K09	2	2	0	.86	.21	7.8	.1	.301	.1	.1	2.0
6222742	6253045	5	2005	53045	3045	0	20	682063	6061387	13K09	3	2	0	.67	.08	5.3	.1	.180	.1	.1	1.0
6222743	6253046	5	2005	53046	3046	0	20	677933	6058933	13K09	3	2	0	.22	.13	5.7	.5	.508	.1	.3	3.0
6222744	6253047	5	2005	53047	3047	0	20	675001	6059621	13K09	2	2	0	.78	.14	7.6	.1	.143	.1	.1	1.0
6222745	6253048	5	2005	53048	3048	0	20	674315	6057819	13K09	3	2	0	.97	.08	6.3	.3	.129	.4	.5	2.0
6222746	6253049	5	2005	53049	3049	0	20	671144	6055706	13K09	2	2	0	.56	.04	3.9	.1	.094	.1	.1	.5
6222747	6253050	5	2005	53050	3050	0	20	669441	6053988	13K09	2	2	0	1.12	.08	9.2	.1	1.110	.1	.1	1.0
6222748	6253051	5	2005	53051	3051	0	20	667050	6053315	13K09	2	2	0	.59	.01	3.8	.1	.348	.1	.1	1.0
6222749	6253052	5	2005	53052	3052	0	20	665955	6052537	13K09	3	8	0	2.46	.20	13.3	.4	.754	.1	.1	6.0
6222751	6253053	5	2005	53053	3053	0	20	666986	6051916	13K09	3	2	0	1.08	.06	4.5	.1	.287	.1	.2	2.0
6222752	6253054	5	2005	53054	3054	0	20	670191	6052270	13K09	2	2	0	.48	.03	5.0	.1	.096	.1	.1	2.0
6222753	6253055	5	2005	53055	3055	0	20	671380	6052629	13K09	3	2	0	1.12	.06	6.0	.1	.181	.1	.1	2.0
6222754	6253056	5	2005	53056	3056	0	20	673571	6053753	13K09	3	2	0	.30	.03	3.9	.1	.082	.1	.1	.5
6222755	6253057	5	2005	53057	3057	0	20	675061	6054621	13K09	3	7	0	.46	.26	5.5	.2	.166	.1	.1	3.0
6222756	6253058	5	2005	53058	3058	0	20	676345	6056223	13K09	3	8	0	.36	.15	6.2	.1	.233	.1	.1	3.0
6222757	6253059	5	2005	53059	3059	1	20	677639	6056753	13K09	3	8	0	.17	.10	5.7	.1	.178	.1	.1	1.0
6222758	6253060	5	2005	53060	3060	2	20	677639	6056753	13K09	3	8	0	.17	.09	5.6	.1	.176	.1	.1	1.0
6222759	6253061	5	2005	53061	3061	0	20	680537	6058283	13K09	3	6	0	.62	.07	5.9	.1	.275	.1	.1	2.0
6222761	6253062	5	2005	53062	3062	0	20	681235	6059168	13K09	2	2	0	.75	.06	5.2	.1	.276	.1	.1	.5
6222762	6253063	5	2005	53063	3063	0	20	683575	6059447	13K09	3	2	0	1.18	.07	5.1	.1	.377	.1	.1	1.0
6222763	6253064	5	2005	53064	3064	0	20	686817	6058965	13K09	3	2	0	1.05	.07	5.1	.1	.887	.1	.1	.5
6222764	6253065	5	2005	53065	3065	0	20	689884	6059286	13K09	2	9	0	.23	.02	3.3	.1	.239	.1	.1	.5
6222765	6253066	5	2005	53066	3066	0	20	690527	6061452	13K09	3	9	0	1.00	.10	5.3	.4	.218	.2	.3	.5
6222766	6253067	5	2005	53067	3067	0	20	692150	6063132	13K09	3	7	0	.49	.04	4.1	.1	.274	.1	.1	2.0
6222767	6253068	5	2005	53068	3068	0	21	308544	6065178	13J12	4	2	0	.82	.11	4.8	.1	.402	.1	.4	.5

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	niw2	pw2	pbw2	siw1	so4w1	srw2	tiw2	uw3	vw2	yw2	znw2
6222768	6253069	5	2005	53069	3069	0	21	309237	6065177	13J12	4	7	0	.65	.08	4.0	.1	.474	.1	.3	.5
6222769	6253070	5	2005	53070	3070	0	21	308647	6065639	13J12	7	13	0	.51	.76	6.0	.1	.478	.1	.4	3.0
6222771	6253071	5	2005	53071	3071	0	21	308633	6066105	13J12	8	5	0	1.10	.36	5.3	.1	.332	.1	.2	.5
6222772	6253072	5	2005	53072	3072	0	21	306934	6066457	13J12	5	7	0	.98	.16	8.8	.1	.307	.1	1.1	3.0
6222773	6253073	5	2005	53073	3073	0	21	308367	6068111	13J12	3	13	0	1.15	.12	7.2	.1	.521	.1	1.1	3.0
6222774	6253074	5	2005	53074	3074	0	21	311204	6074351	13J13	3	8	0	.30	.02	4.7	.5	.052	.1	.1	3.0
6222775	6253075	5	2005	53075	3075	0	21	312985	6074002	13J13	1	8	0	.86	.07	4.8	.1	.090	.1	.1	.5
6222776	6253076	5	2005	53076	3076	0	21	314763	6075664	13J13	1	8	0	.85	.07	4.9	.2	.078	.1	.1	2.0
6222777	6253077	5	2005	53077	3077	0	21	312611	6076460	13J13	2	10	0	.79	.04	5.9	.6	.041	.1	.1	.5
6222778	6253078	5	2005	53078	3078	0	21	311664	6076972	13J13	2	9	0	.61	.18	6.6	.5	.119	.1	.1	.5
6222779	6253079	5	2005	53079	3079	0	21	322134	6078120	13J13	2	7	0	1.36	.07	7.2	.2	.486	.1	.5	.5
6222781	6253080	5	2005	53080	3080	1	21	324735	6077854	13J13	2	7	0	1.23	.02	6.3	.1	.193	.1	.1	1.0
6222782	6253081	5	2005	53081	3081	2	21	324735	6077854	13J13	1	7	0	1.24	.03	6.3	.1	.179	.1	.1	.5
6222783	6253082	5	2005	53082	3082	0	21	323021	6080305	13J13	2	8	0	.87	.03	5.5	.5	.201	.1	.2	.5
6222843	6253083	5	2005	53083	3083	0	21	325673	6081190	13J13	3	8	0	.84	.09	6.8	.9	.136	.1	.1	.5
6222844	6253084	5	2005	53084	3084	0	20	685924	6057529	13K09	2	11	0	.07	.02	2.5	.6	.066	.1	.1	.5
6222845	6253085	5	2005	53085	3085	0	20	683320	6056995	13K09	2	10	0	.34	.02	3.3	.1	.163	.1	.1	.5
6222846	6253086	5	2005	53086	3086	0	20	682781	6055589	13K09	2	8	0	.07	.01	3.4	.1	.066	.1	.1	.5
6222847	6253087	5	2005	53087	3087	0	20	681180	6055053	13K09	3	9	0	.54	.02	4.8	.1	.094	.1	.1	.5
6222848	6253088	5	2005	53088	3088	0	20	678714	6054636	13K09	2	8	0	.40	.02	3.1	.2	.247	.1	.1	.5
6222849	6253089	5	2005	53089	3089	0	20	679002	6053025	13K09	50	30	0	.01	.01	2.1	.1	.028	.1	.1	17.0
6222851	6253090	5	2005	53090	3090	0	20	677816	6052425	13K09	4	12	0	.01	.02	2.2	.6	.029	.1	.1	5.0
6222852	6253091	5	2005	53091	3091	0	20	677523	6051548	13K09	3	8	0	.11	.01	2.2	.1	.029	.1	.1	1.0
6222853	6253092	5	2005	53092	3092	0	20	673976	6050626	13K09	13	54	0	.13	.08	2.6	.6	.031	.2	.1	22.0
6222854	6253093	5	2005	53093	3093	0	20	673686	6051233	13K09	2	8	0	.29	.01	2.7	.1	.027	.1	.1	1.0
6222855	6253094	5	2005	53094	3094	0	20	669333	6048161	13K09	1	2	0	.25	.02	.5	.1	.079	.1	.1	.5
6222856	6253095	5	2005	53095	3095	0	20	668985	6049495	13K09	2	8	0	.29	.03	3.9	.1	.052	.1	.1	.5
6222857	6253096	5	2005	53096	3096	0	20	667466	6049870	13K09	2	10	0	.22	.01	2.9	.1	.032	.1	.1	1.0
6222858	6253097	5	2005	53097	3097	0	20	665328	6048731	13K09	3	8	0	.38	.03	3.7	.1	.095	.1	.1	3.0
6222859	6253098	5	2005	53098	3098	0	20	662010	6045969	13K09	2	12	0	.03	.02	3.0	.2	.038	.1	.1	.5
6222861	6253099	5	2005	53099	3099	1	20	663582	6044773	13K09	3	11	0	.07	.02	3.3	.1	.037	.1	.1	4.0
6222862	6253100	5	2005	53100	3100	2	20	663582	6044773	13K09	2	10	0	.07	.02	3.2	.1	.037	.1	.1	1.0
6222863	6253101	5	2005	53101	3101	0	20	662616	6043115	13K09	2	9	0	.58	.02	3.1	.1	.029	.1	.1	2.0
6222864	6253102	5	2005	53102	3102	0	20	663537	6042495	13K09	2	6	0	.27	.02	3.0	.1	.047	.1	.1	.5
6222865	6253103	5	2005	53103	3103	0	20	667043	6042085	13K09	3	8	0	.23	.03	3.2	.1	.028	.1	.1	2.0
6222866	6253104	5	2005	53104	3104	0	20	665852	6045837	13K09	2	11	0	.12	.02	3.4	.1	.032	.1	.1	2.0
6222867	6253105	5	2005	53105	3105	0	20	666805	6046499	13K09	2	9	0	.23	.03	3.3	.1	.089	.1	.1	1.0
6222868	6253106	5	2005	53106	3106	0	20	669676	6046371	13K09	1	9	0	.14	.02	2.9	.1	.244	.1	.1	.5
6222869	6253107	5	2005	53107	3107	0	20	671268	6047092	13K09	1	10	0	.03	.01	2.0	.1	.096	.1	.1	.5
6222871	6253108	5	2005	53108	3108	0	20	672384	6048997	13K09	2	7	0	.32	.02	3.4	.1	.067	.1	.1	.5
6222872	6253109	5	2005	53109	3109	0	20	673471	6048811	13K09	1	5	0	.34	.03	3.3	.1	.055	.1	.1	.5
6222873	6253110	5	2005	53110	3110	0	20	678636	6050703	13K09	1	11	0	.03	.02	2.2	.1	.068	.1	.1	2.0
6222874	6253111	5	2005	53111	3111	0	20	681208	6052741	13K09	1	8	0	.54	.02	2.9	.1	.094	.1	.1	1.0
6222875	6253112	5	2005	53112	3112	0	20	682293	6052755	13K09	1	38	0	.03	.02	2.4	1.4	.033	1.1	.1	1.0
6222876	6253113	5	2005	53113	3113	0	20	683440	6055295	13K09	1	11	0	.16	.01	3.5	.1	.273	.1	.1	1.0
6222877	6253114	5	2005	53114	3114	0	20	685156	6055145	13K09	1	12	0	.13	.01	2.2	.8	.084	.1	.1	2.0
6222878	6253115	5	2005	53115	3115	0	20	686369	6056481	13K09	1	7	0	.41	.02	2.8	.2	.151	.1	.1	.5
6222879	6253116	5	2005	53116	3116	0	20	687385	6055364	13K09	1	35	0	.07	.06	7.3	.1	.279	.1	.1	.5
6222881	6253117	5	2005	53117	3117	0	20	688196	6055562	13K09	1	15	0	.12	.02	5.3	.3	.098	.1	.1	.5
6222882	6253118	5	2005	53118	3118	0	20	689533	6056655	13K09	1	7	0	.30	.02	6.4	.1	.108	.1	.1	4.0
6222883	6253119	5	2005	53119	3119	1	20	691389	6057871	13K09	1	9	0	.02	.01	2.1	.1	.057	.1	.1	.5
6222884	6253120	5	2005	53120	3120	2	20	691389	6057871	13K09	1	8	0	.02	.02	2.1	.1	.056	.1	.1	.5
6222885	6253121	5	2005	53121	3121	0	20	691863	6059092	13K09	1	6	0	.25	.04	2.9	.1	.082	.1	.1	.5
6222886	6253122	5	2005	53122	3122	0	21	306804	6060884	13J12	2	6	0	.88	.06	4.2	.1	.235	.1	.1	2.0
6222887	6253123	5	2005	53123	3123	0	21	308335	6062720	13J12	1	8	0	.01	.02	1.9	.5	.046	.1	.1	.5
6222888	6253124	5	2005	53124	3124	0	21	311709	6064889	13J12	2	5	0	.54	.09	5.0	.1	.180	.1	.1	.5
6222889	6253125	5	2005	53125	3125	0	21	311992	6066067	13J12	1	7	0	.06	.05	3.2	.1	.110	.1	.1	.5
6222891	6253126	5	2005	53126	3126	0	21	313847	6065880	13J12	1	8	0	.85	.13	6.1	.1	.171	.1	.1	.5
6222892	6253127	5	2005	53127	3127	0	21	316897	6068091	13J12	1	7	0	.53	.11	4.9	.1	.067	.1	.1	.5
6222893	6253128	5	2005	53128	3128	0	21	315411	6068652	13J12	1	7	0	.38	.06	4.1	.1	.187	.1	.1	.5
6222894	6253129	5	2005	53129	3129	0	21	323935	6083135	13J13	2	6	0	.48	.03	8.6	.5	.314	.1	.1	.5
6222895	6253130	5	2005	53130	3130	0	21	327471	6085709	13J13	2	6	0	.92	.05	6.0	.2	.087	.1	.1	.5
6222896	6253131	5	2005	53131	3131	0	21	326094	6084728	13J13	3	5	0	.94	.04	6.0	.2	.106	.1	.1	.5
6222897	6253132	5	2005	53132	3132	0	20	687673	6052018	13K09	2	2	0	1.77	.29	8.0	1.4	.097	.4	.1	1.0
6223016	6253133	5	2005	53133	3133	0	20	687980	6050405	13K09	1	2	0	.35	.04	3.4	.1	.106	.3	.1	2.0
6223017	6253134	5	2005	53134	3134	0	20	685579	6049870	13K09	1	2	0	.09	.07	3.1	.1	.026	.3	.1	2.0
6223018	6253135	5	2005	53135	3135	0	20	684231	6049642	13K09	1	2	0	.07	.03	3.6	.1	.276	.1	.1	1.0
6223019	6253136	5	2005	53136	3136	0	20	682485	6049637	13K09	1	2	0	.19	.02	3.6	.1	.087	.4	.1	1.0
6223021	6253137	5	2005	53137	3137	0	20	680600	6047921	13K09	2	10	0	.46	.09	5.8	.1	.067	.3	.1	3.0

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	niw2	pw2	pbw2	siw1	so4w1	srw2	tiw2	uw3	vw2	yw2	znw2
6223022	6253138	5	2005	53138	3138	0	20	676280	6047613	13K09	1	6	0	.70	.27	7.3	.1	.093	.1	.1	1.0
6223023	6253139	5	2005	53139	3139	1	20	676615	6047059	13K09	2	2	0	.77	.14	4.5	.1	.067	.2	.1	1.0
6223024	6253140	5	2005	53140	3140	2	20	676615	6047059	13K09	2	2	0	.78	.13	4.6	.1	.091	.1	.1	1.0
6223025	6253141	5	2005	53141	3141	0	20	676285	6045723	13K09	1	2	0	.60	.03	4.7	.1	.214	.1	.1	.5
6223026	6253142	5	2005	53142	3142	0	20	675173	6043594	13K09	2	11	0	.41	.08	5.6	.1	.045	.5	.1	.5
6223027	6253143	5	2005	53143	3143	0	20	673063	6042900	13K09	1	7	0	.42	.05	3.7	.1	.081	.1	.1	.5
6223028	6253144	5	2005	53144	3144	0	20	670219	6042295	13K09	1	16	0	.18	.11	4.6	.1	.142	.2	.1	.5
6223029	6253145	5	2005	53145	3145	0	20	678640	6046050	13K09	1	6	0	.14	.02	4.3	.1	.598	.2	.1	.5
6223031	6253146	5	2005	53146	3146	0	20	683482	6046450	13K09	1	6	0	.05	.02	3.0	.1	.185	.4	.1	.5
6223032	6253147	5	2005	53147	3147	0	20	683510	6047251	13K09	1	2	0	.13	.02	2.8	.1	.188	.1	.1	.5
6223033	6253148	5	2005	53148	3148	0	20	684665	6047702	13K09	1	2	0	.31	.02	3.3	.1	.039	.1	.1	.5
6223034	6253149	5	2005	53149	3149	0	20	686977	6048459	13K09	1	5	0	.41	.04	4.4	.1	.084	.2	.1	.5
6223035	6253150	5	2005	53150	3150	0	20	688240	6048884	13K09	1	2	0	.36	.03	3.4	.1	.055	.1	.1	.5
6223036	6253151	5	2005	53151	3151	0	20	692385	6044991	13K09	2	2	0	.59	.02	4.5	.1	.134	.2	.1	.5
6223037	6253152	5	2005	53152	3152	0	20	690319	6044429	13K09	1	7	0	.33	.04	4.0	.1	.062	.1	.1	.5
6223038	6253153	5	2005	53153	3153	0	20	688270	6044290	13K09	1	2	0	.29	.02	2.3	.1	.019	.1	.1	.5
6222672	6253154	5	2005	53154	3154	0	20	687089	6044551	13K09	2	2	0	.69	.08	5.3	.1	.110	.1	.1	1.0
6222673	6253155	5	2005	53155	3155	0	20	684270	6043711	13K09	2	36	0	.46	.11	4.6	.1	.123	.1	.1	2.0
6222674	6253156	5	2005	53156	3156	0	20	682626	6043126	13K09	2	5	0	.95	.03	5.4	.1	.101	.1	.1	3.0
6222675	6253157	5	2005	53157	3157	0	20	687479	6046044	13K09	5	26	0	.29	.17	4.3	1.1	.058	.1	.1	5.0
6222676	6253158	5	2005	53158	3158	0	20	690829	6046027	13K09	4	55	0	.87	.16	5.9	.1	.059	.1	.1	3.0
6222677	6253159	5	2005	53159	3159	0	20	692318	6046886	13K09	2	20	6	.21	.13	5.3	.2	.096	.1	.1	2.0
6222678	6253160	5	2005	53160	3160	1	20	691737	6049333	13K09	1	8	0	.30	.03	3.3	.1	.092	.1	.1	1.0
6222679	6253161	5	2005	53161	3161	2	20	691737	6049333	13K09	2	11	0	.31	.02	3.3	.1	.086	.5	.1	6.0
6222681	6253162	5	2005	53162	3162	0	20	690172	6049777	13K09	1	8	0	.45	.04	2.8	.1	.072	.1	.1	2.0
6222682	6253163	5	2005	53163	3163	0	20	690949	6051222	13K09	4	40	0	.45	.07	5.5	1.1	.148	.3	.1	18.0
6222683	6253164	5	2005	53164	3164	0	20	691882	6051353	13K09	2	9	0	.04	.04	3.2	.1	.218	.1	.1	4.0
6222684	6253165	5	2005	53165	3165	0	20	692491	6053576	13K09	2	7	0	.02	.01	2.8	.1	.199	.1	.1	1.0
6222685	6253166	5	2005	53166	3166	0	20	691302	6053343	13K09	1	11	0	.05	.02	2.4	.1	.052	.1	.1	2.0
6222686	6253167	5	2005	53167	3167	0	20	690012	6054901	13K09	1	2	0	.69	.02	6.5	.1	.041	.1	.1	1.0
6222687	6253168	5	2005	53168	3168	0	20	692375	6055807	13K09	1	5	0	.67	.03	9.8	.1	.135	.1	.1	.5
6222688	6253169	5	2005	53169	3169	0	21	306854	6058331	13J12	1	8	0	.52	.10	20.9	.1	.832	.2	.1	1.0
6222689	6253170	5	2005	53170	3170	0	21	309398	6060052	13J12	4	2	0	.71	.11	8.1	.2	.193	.1	.2	1.0
6222691	6253171	5	2005	53171	3171	0	21	310466	6062149	13J12	1	2	0	.12	.08	2.7	.1	.132	.1	.1	1.0
6222692	6253172	5	2005	53172	3172	0	21	308500	6066773	13J12	5	2	0	.91	.09	5.0	.4	.098	.1	.4	6.0
6222693	6253173	5	2005	53173	3173	0	21	321771	6070377	13J13	1	6	0	.63	.11	5.3	.1	.142	.1	.1	.5
6222694	6253174	5	2005	53174	3174	0	21	323348	6071006	13J13	1	14	0	1.15	.10	4.4	.1	.102	.1	.2	8.0
6222695	6253175	5	2005	53175	3175	0	21	321850	6073135	13J13	1	2	0	.65	.05	3.8	.1	.076	.1	.1	.5
6222696	6253176	5	2005	53176	3176	0	21	324963	6073921	13J13	1	5	0	1.67	.14	4.5	.1	.094	.1	.5	4.0
6222697	6253177	5	2005	53177	3177	0	21	324403	6075954	13J13	1	5	0	1.61	.11	6.0	.1	.181	.1	.2	.5
6222698	6253178	5	2005	53178	3178	0	21	326077	6077858	13J13	1	5	0	1.43	.12	8.3	.4	.048	.1	.1	.5
6222699	6253179	5	2005	53179	3179	0	21	325980	6080047	13J13	1	53	0	.38	.33	9.9	.9	.367	.1	.3	3.0
6222701	6253180	5	2005	53180	3180	1	21	308365	6068107	13J12	1	5	0	1.16	.22	6.7	.2	.460	.1	1.1	8.0
6222702	6253181	5	2005	53181	3181	2	21	308365	6068107	13J12	1	2	0	1.18	.22	6.8	.3	.454	.1	1.2	8.0
6222703	6253182	5	2005	53182	3182	0	21	312055	6061972	13J12	1	2	0	.85	.11	8.7	.1	.163	.1	.1	2.0
6222704	6253183	5	2005	53183	3183	0	21	310790	6060170	13J12	1	2	0	.72	.10	8.6	.1	.171	.1	.1	8.0
6222705	6253184	5	2005	53184	3184	0	21	311170	6059084	13J12	1	2	0	1.35	.18	27.8	1.0	.117	.1	.1	2.0
6222706	6253185	5	2005	53185	3185	0	21	309039	6058804	13J12	1	2	0	.53	.10	11.5	.4	.148	.1	.1	2.0
6222707	6253186	5	2005	53186	3186	0	21	311119	6055373	13J12	12	2	0	.85	.14	6.1	.1	.470	.1	.1	6.0
6222708	6253187	5	2005	53187	3187	0	21	308794	6053300	13J12	1	2	0	.17	.04	5.6	.1	2.640	.1	.1	2.0
6222709	6253188	5	2005	53188	3188	0	21	308412	6053117	13J12	2	2	0	.04	.02	2.6	.2	.463	.1	.1	1.0
6222711	6253189	5	2005	53189	3189	0	21	307163	6052180	13J12	1	2	0	.10	.04	3.9	.1	.880	.1	.1	1.0
6222712	6253190	5	2005	53190	3190	0	21	306395	6051420	13J12	1	2	0	.12	.04	3.8	.1	.467	.1	.1	1.0
6222713	6253191	5	2005	53191	3191	0	21	307686	6051282	13J12	1	2	0	.11	.06	2.9	.1	.192	.1	.1	2.0
6222714	6253192	5	2005	53192	3192	0	21	308117	6051540	13J12	1	2	0	.42	.05	3.4	.9	.179	.1	.1	3.0
6222715	6253193	5	2005	53193	3193	0	21	308052	6051865	13J12	1	2	0	.16	.06	3.8	.1	.494	.1	.1	1.0
6222716	6253194	5	2005	53194	3194	0	21	309689	6051359	13J12	1	2	0	.73	.05	5.1	.1	.221	.1	.1	.5
6222717	6253195	5	2005	53195	3195	0	21	311453	6052585	13J12	1	2	0	.29	.06	5.6	.1	.354	.1	.1	3.0
6222718	6253196	5	2005	53196	3196	0	21	311243	6053592	13J12	1	2	0	.45	.09	6.6	.1	.561	.1	.1	1.0
6222719	6253197	5	2005	53197	3197	0	21	312676	6054581	13J12	1	6	0	.28	.05	5.4	.2	.187	.1	.1	1.0
6222721	6253198	5	2005	53198	3198	0	21	314786	6056099	13J12	2	25	0	.21	.11	7.3	.1	.494	.1	.1	2.0
6222722	6253199	5	2005	53199	3199	1	21	313635	6057521	13J12	1	5	0	.49	.02	4.1	.1	.077	.2	.1	1.0
6222723	6253200	5	2005	53200	3200	2	21	313535	6057484	13J12	1	15	0	.47	.02	4.0	.1	.076	.1	.1	1.0
6222724	6253201	5	2005	53201	3201	0	21	314785	6058726	13J12	1	7	0	.43	.04	6.3	.1	.058	.1	.1	1.0
6222725	6253202	5	2005	53202	3202	0	21	314117	6059843	13J12	1	9	0	.79	.07	9.4	.1	.067	.1	.1	1.0
6222726	6253203	5	2005	53203	3203	0	21	316363	6060814	13J12	1	11	0	.63	.08	14.5	.1	.089	.1	.1	.5
6222727	6253204	5	2005	53204	3204	0	21	315129	6062422	13J12	3	15	0	.61	.10	5.2	.1	.107	.1	.2	1.0
6222728	6253205	5	2005	53205	3205	0	21	316160	6063730	13J12	2	11	0	.07	.06	3.6	.1	.114	.1	.1	.5
6222729	6253206	5	2005	53206	3206	0	21	315674	6064516	13J12	2	8	0	.36	.08	4.4	.1	.188	.1	.1	.5

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	niw2	pw2	pbw2	siw1	so4w1	srw2	tiw2	uw3	vw2	yw2	znw2
6222784	6253207	5	2005	53207	3207	0	21	316729	6065394	13J12	2	11	0	.34	.07	4.7	.1	.169	.1	.1	.5
6222785	6253208	5	2005	53208	3208	0	21	320299	6066280	13J12	2	8	0	.01	.02	2.3	.1	.047	.1	.1	.5
6222786	6253209	5	2005	53209	3209	0	21	320141	6067659	13J12	3	6	0	.44	.03	3.8	.1	.083	.1	.1	.5
6222787	6253210	5	2005	53210	3210	0	21	322389	6068734	13J12	2	6	0	.22	.04	4.0	.1	.067	.1	.1	.5
6222788	6253211	5	2005	53211	3211	0	21	323618	6069081	13J12	3	39	0	.09	.06	3.3	.1	.155	.1	.1	1.0
6222789	6253212	5	2005	53212	3212	0	21	326434	6070935	13J13	2	8	0	.28	.04	3.9	.1	.098	.1	.1	.5
6222791	6253213	5	2005	53213	3213	0	21	328089	6072308	13J13	3	33	0	.36	.09	4.3	.1	.116	.1	.1	.5
6222792	6253214	5	2005	53214	3214	0	21	329529	6072919	13J13	3	7	0	.52	.04	4.7	.1	.188	.1	.1	1.0
6222793	6253215	5	2005	53215	3215	0	21	327058	6075343	13J13	3	6	0	.81	.08	4.9	.1	.301	.1	.4	2.0
6222794	6253216	5	2005	53216	3216	0	21	328850	6077242	13J13	4	70	0	.50	.16	5.6	.1	.165	.1	.1	5.0
6222795	6253217	5	2005	53217	3217	0	21	328580	6079823	13J13	3	8	0	1.07	.07	5.8	.4	.044	.1	.1	2.0
6222796	6253218	5	2005	53218	3218	0	21	329064	6083475	13J13	3	9	0	1.10	.04	5.1	.5	.106	.1	.1	1.0
6222797	6253219	5	2005	53219	3219	0	21	331022	6086943	13J13	3	10	0	.26	.02	4.3	.2	.165	.1	.1	.5
6222799	6253221	5	2005	53221	3221	0	21	331931	6086890	13J13	3	11	0	.32	.03	4.6	.1	.192	.1	.1	1.0
6222801	6253222	5	2005	53222	3222	0	21	333300	6087840	13J13	5	34	0	.59	.29	9.4	.7	.550	.1	.1	2.0
6222802	6253223	5	2005	53223	3223	0	21	333761	6088460	13J13	4	12	0	.74	.06	6.6	.4	.378	.1	.1	1.0
6222803	6253224	5	2005	53224	3224	0	21	334100	6091383	13J13	4	9	0	.79	.04	4.1	.5	.164	.1	.1	1.0
6222804	6253225	5	2005	53225	3225	0	21	330664	6090383	13J13	3	5	0	.26	.03	3.7	1.0	1.180	.1	.1	.5
6222805	6253226	5	2005	53226	3226	0	21	329765	6089489	13J13	3	6	0	.19	.03	2.3	.1	.634	.1	.1	.5
6222806	6253227	5	2005	53227	3227	0	21	328607	6089250	13J13	5	34	0	.38	.08	3.8	1.2	.300	.1	.1	2.0
6222807	6253228	5	2005	53228	3228	0	21	321768	6066090	13J12	4	9	0	.52	.08	4.8	.1	.082	.1	.1	2.0
6222808	6253229	5	2005	53229	3229	0	21	320631	6063480	13J12	5	26	0	.01	.10	4.5	.1	.083	.1	.1	2.0
6222809	6253230	5	2005	53230	3230	0	21	319088	6063477	13J12	4	10	0	.20	.07	3.9	.1	.059	.1	.1	1.0
6222811	6253231	5	2005	53231	3231	0	21	317094	6062249	13J12	4	19	0	.55	.11	11.8	.1	.086	.1	.1	1.0
6222812	6253232	5	2005	53232	3232	0	21	319062	6061266	13J12	4	7	0	.49	.16	18.2	.1	.219	.1	.1	.5
6222813	6253233	5	2005	53233	3233	0	21	316499	6058866	13J12	4	5	0	.62	.05	13.3	.2	.102	.1	.1	.5
#NULL!	6273234	7	2005	73234	3234	#NULL!	21	317575	6056196	13J12	4	7	0	.59	.03	5.5	.1	.154	.1	.1	.5
6222815	6253235	5	2005	53235	3235	0	21	314729	6053700	13J12	3	6	0	.13	.04	3.7	.2	.181	.1	.1	.5
6222816	6253236	5	2005	53236	3236	0	21	313112	6052926	13J12	4	20	0	.06	.07	3.5	.1	.208	.1	.1	1.0
6222817	6253237	5	2005	53237	3237	0	21	313951	6052004	13J12	3	8	0	.20	.04	3.3	.1	.149	.1	.1	1.0
6222818	6253238	5	2005	53238	3238	0	21	310631	6048470	13J12	5	47	0	.27	.14	3.8	2.7	.070	.9	.1	2.0
6222819	6253239	5	2005	53239	3239	1	21	306970	6047395	13J12	3	5	0	1.25	.14	5.9	.1	.079	.1	.1	1.0
6222821	6253240	5	2005	53240	3240	2	21	306970	6047395	13J12	3	2	0	1.23	.14	5.8	.1	.078	.1	.1	.5
6222822	6253241	5	2005	53241	3241	0	21	306085	6046562	13J12	3	5	0	.33	.03	4.1	.1	.082	.1	.1	.5
6222823	6253242	5	2005	53242	3242	0	21	313068	6043393	13J12	3	11	0	.26	.02	3.9	.1	.038	.1	.1	.5
6222824	6253243	5	2005	53243	3243	0	21	314248	6044301	13J12	3	16	0	.17	.03	3.5	.1	.044	.1	.1	1.0
6222825	6253244	5	2005	53244	3244	0	21	319544	6044202	13J12	4	13	0	.11	.09	6.1	2.9	.154	.1	.1	1.0
6222826	6253245	5	2005	53245	3245	0	21	320676	6043584	13J12	18	20	0	.07	.14	6.4	2.7	.066	.2	.1	5.0
6222827	6253246	5	2005	53246	3246	0	21	323588	6043083	13J12	5	2	0	1.16	.04	4.7	.3	.053	.1	.1	2.0
6222828	6253247	5	2005	53247	3247	0	21	328145	6044589	13J12	2	2	0	.32	.09	5.4	.7	.214	.1	.1	.5
6222829	6253248	5	2005	53248	3248	0	21	328871	6044906	13J12	3	6	0	1.14	.22	7.3	.1	.119	.1	.1	2.0
6222831	6253249	5	2005	53249	3249	0	21	330766	6042946	13J12	2	2	0	.52	.09	5.9	.1	.078	.1	.1	.5
6222832	6253250	5	2005	53250	3250	0	21	334018	6043425	13J12	3	2	0	1.27	.09	7.0	.6	.114	.2	.1	3.0
6222833	6253251	5	2005	53251	3251	#NULL!	21	337828	6048639	13J12	3	2	0	.38	.05	4.7	.4	.080	.1	.1	1.0
6222834	6253252	5	2005	53252	3252	0	21	335683	6047759	13J12	3	18	0	.01	.12	.9	.4	.036	.1	.1	1.0
6222835	6253253	5	2005	53253	3253	0	21	333618	6047047	13J12	3	9	0	.06	.13	5.2	.2	.063	.1	.1	1.0
6222836	6253254	5	2005	53254	3254	0	21	334467	6045823	13J12	3	21	0	.01	.03	1.4	4.1	.099	.1	.1	3.0
6222837	6253255	5	2005	53255	3255	0	21	333253	6044940	13J12	3	2	0	.12	.02	3.9	.1	.035	.1	.1	.5
6222838	6253256	5	2005	53256	3256	0	21	332345	6045687	13J12	14	9	0	.92	.04	6.6	.1	.055	.1	.1	5.0
6222839	6253257	5	2005	53257	3257	0	21	331172	6046000	13J12	3	2	0	.55	.03	4.5	.1	.065	.1	.1	.5
6222841	6253258	5	2005	53258	3258	0	21	331525	6047611	13J12	3	2	0	.38	.06	5.2	.3	.040	.1	.1	.5
6222842	6253259	5	2005	53259	3259	1	21	328270	6048918	13J12	3	2	0	.03	.04	4.0	.3	.033	.1	.1	1.0
6222898	6253260	5	2005	53260	3260	2	21	328270	6048918	13J12	1	10	0	.05	.05	3.8	.5	.013	.1	.1	.5
6222899	6253261	5	2005	53261	3261	0	21	325268	6047482	13J12	1	2	0	.05	.04	5.2	.1	.013	.1	.1	.5
6222901	6253262	5	2005	53262	3262	0	21	319625	6048631	13J12	1	2	0	.10	.04	3.8	.4	.054	.1	.1	.5
6222902	6253263	5	2005	53263	3263	0	21	316538	6049161	13J12	2	5	0	.02	.10	3.3	.1	.094	.1	.1	.5
6222903	6253264	5	2005	53264	3264	0	21	319303	6050110	13J12	1	6	0	.21	.15	4.8	.1	.018	.1	.1	.5
6222904	6253265	5	2005	53265	3265	0	21	321490	6051689	13J12	1	2	0	.31	.01	3.4	.1	.013	.1	.1	1.0
6222905	6253266	5	2005	53266	3266	0	21	320479	6053355	13J12	1	2	0	.22	.01	3.2	.1	.193	.1	.1	.5
6222906	6253267	5	2005	53267	3267	0	21	320888	6054756	13J12	1	2	0	.01	.03	2.1	.1	.075	.1	.1	.5
6222907	6253268	5	2005	53268	3268	0	21	322118	6055376	13J12	6	2	0	.13	.02	4.3	.1	.110	.2	.1	1.0
6222908	6253269	5	2005	53269	3269	0	21	321516	6056350	13J12	15	6	0	.36	.03	4.6	.1	.216	.1	.1	7.0
6222909	6253270	5	2005	53270	3270	0	21	320649	6058629	13J12	2	2	0	.69	.02	7.8	.1	.119	.1	.1	5.0
6222911	6253271	5	2005	53271	3271	0	21	323128	6060563	13J12	1	2	0	.68	.04	24.5	.1	.015	.1	.1	2.0
6222912	6253272	5	2005	53272	3272	0	21	323504	6062837	13J12	1	2	0	.12	.08	3.9	.4	.075	.1	.1	.5
6222913	6253273	5	2005	53273	3273	0	21	323195	6064697	13J12	2	8	0	.10	.22	6.8	.1	.015	.1	.1	.5
6222914	6253274	5	2005	53274	3274	0	21	323522	6066207	13J12	2	10	0	.09	.19	3.7	.1	.019	.1	.1	.5
6222915	6253275	5	2005	53275	3275	0	21	327108	6068198	13J12	2	2	0	.12	.14	4.3	.1	.052	.1	.1	.5
6222916	6253276	5	2005	53276	3276	0	21	328590	6069323	13J12	2	2	0	.31	.07	5.1	.1	.016	.1	.1	.5

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	niw2	pw2	pbw2	siw1	so4w1	srw2	tiw2	uw3	vw2	yw2	znw2
6222917	6253277	5	2005	53277	3277	0	21	326555	6062227	13J12	2	2	0	.84	.05	16.8	.2	.111	.1	.1	1.0
#NULL!	6273278	7	2005	73278	3278	0	21	327430	6059831	13J12	5	2	0	.73	.02	10.8	.1	.138	.1	.1	3.0
6222919	6253279	5	2005	53279	3279	1	21	323456	6058415	13J12	2	2	0	.21	.02	6.4	.1	.091	.1	.1	.5
6222921	6253280	5	2005	53280	3280	2	21	323457	6058415	13J12	2	2	0	.22	.01	6.3	.1	.093	.1	.1	.5
6222922	6253281	5	2005	53281	3281	0	21	325663	6057142	13J12	1	8	0	.35	.07	3.8	.1	.236	.1	.1	1.0
6222923	6253282	5	2005	53282	3282	0	21	326571	6057165	13J12	2	8	0	.11	.07	3.2	.1	.189	.1	.1	1.0
6222924	6253283	5	2005	53283	3283	0	21	325602	6056545	13J12	2	8	0	.27	.06	5.9	.1	.272	.1	.1	2.0
6222925	6253284	5	2005	53284	3284	0	21	322971	6054772	13J12	3	2	0	.60	.03	4.3	.1	.045	.1	.1	1.0
6222926	6253285	5	2005	53285	3285	0	21	322113	6053545	13J12	2	2	0	.03	.03	2.2	.1	.041	.1	.1	1.0
6222927	6253286	5	2005	53286	3286	0	21	324461	6052619	13J12	1	5	0	.02	.03	2.0	.1	.005	.3	.1	1.0
6222928	6253287	5	2005	53287	3287	0	21	325463	6053337	13J12	2	2	0	.31	.03	3.5	.1	.021	.1	.1	.5
6222929	6253288	5	2005	53288	3288	0	21	324689	6050124	13J12	2	6	0	.20	.15	5.5	.5	.063	.1	.1	.5
6222931	6253289	5	2005	53289	3289	0	21	326838	6050728	13J12	3	21	0	.10	.21	3.9	.1	.028	.1	.1	2.0
6222932	6253290	5	2005	53290	3290	0	21	327376	6051835	13J12	2	16	0	.16	.08	2.5	.1	.005	.1	.1	1.0
6222933	6253291	5	2005	53291	3291	0	21	329031	6050550	13J12	2	2	0	.01	.03	3.1	.1	.005	.1	.1	1.0
6222934	6253292	5	2005	53292	3292	0	21	330807	6050788	13J12	2	2	0	.12	.03	3.6	.1	.009	.1	.1	.5
6222935	6253293	5	2005	53293	3293	0	21	333733	6050263	13J12	2	7	0	.08	.04	3.7	.4	.023	.1	.1	.5
6222936	6253294	5	2005	53294	3294	0	21	337989	6053557	13J12	2	2	0	.17	.07	5.2	.1	.029	.1	.1	.5
6222937	6253295	5	2005	53295	3295	0	21	336240	6051754	13J12	2	2	0	.06	.07	3.5	.7	.008	.2	.1	1.0
6222938	6253296	5	2005	53296	3296	0	21	334823	6051700	13J12	2	7	0	.03	.07	3.6	.7	.016	.1	.1	1.0
6222939	6253297	5	2005	53297	3297	0	21	333354	6051752	13J12	3	10	0	.02	.09	4.4	.1	.019	.1	.1	2.0
6222941	6253298	5	2005	53298	3298	0	21	330862	6052761	13J12	2	14	0	.55	.21	5.5	.1	.026	.1	.1	.5
6222942	6253299	5	2005	53299	3299	1	21	331560	6054786	13J12	2	2	0	.20	.06	4.3	.1	.028	.1	.1	.5
6222943	6253300	5	2005	53300	3300	2	21	331560	6054786	13J12	1	2	0	.20	.05	4.2	.1	.028	.1	.1	.5
6222944	6253301	5	2005	53301	3301	0	21	333274	6055579	13J12	2	2	0	.40	.03	3.8	.1	.044	.1	.1	.5
6222945	6253302	5	2005	53302	3302	0	21	334859	6055717	13J12	2	2	0	.06	.04	5.0	.1	.082	.1	.1	1.0
6222946	6253303	5	2005	53303	3303	0	21	337925	6056812	13J12	2	2	0	.04	.02	2.8	.1	.036	.1	.1	2.0
6222947	6253304	5	2005	53304	3304	0	21	338330	6058965	13J12	2	2	0	.03	.04	3.0	.1	.019	.1	.1	2.0
6222948	6253305	5	2005	53305	3305	0	21	335166	6057362	13J12	2	2	0	.27	.04	4.5	.1	.136	.1	.1	1.0
6222949	6253306	5	2005	53306	3306	0	21	333330	6057353	13J12	1	2	0	.22	.02	2.6	.1	.064	.1	.1	.5
6222951	6253307	5	2005	53307	3307	0	21	331498	6058253	13J12	1	2	0	.01	.02	1.3	.1	.097	.1	.1	1.0
6222952	6253308	5	2005	53308	3308	0	21	331072	6057713	13J12	1	2	0	.19	.04	2.9	.1	1.060	.1	1.0	9.0
6222953	6253309	5	2005	53309	3309	0	21	328906	6057546	13J12	1	7	0	.01	.12	3.3	.1	.400	.1	.1	2.0
6222954	6253310	5	2005	53310	3310	0	21	328301	6055772	13J12	1	2	0	.06	.03	3.9	.1	.089	.4	.1	.5
6222955	6253311	5	2005	53311	3311	0	21	332240	6059509	13J12	1	2	0	.41	.04	5.1	.1	.240	.1	.1	.5
6222956	6253312	5	2005	53312	3312	0	21	330901	6060357	13J12	2	2	0	.13	.02	27.2	.1	.097	.1	.1	.5
6222957	6253313	5	2005	53313	3313	0	21	330089	6061549	13J12	2	6	0	.13	.03	7.5	.8	.134	.4	.1	1.0
6222958	6253314	5	2005	53314	3314	0	21	328818	6061851	13J12	2	2	0	.82	.04	4.6	.1	.140	.1	.1	.5
6222959	6253315	5	2005	53315	3315	0	21	332536	6061362	13J12	2	7	0	.05	.02	9.0	.1	.036	.1	.1	.5
6222961	6253316	5	2005	53316	3316	0	21	335967	6060914	13J12	1	2	0	.45	.03	12.5	.1	.111	.1	.1	1.0
6222962	6253317	5	2005	53317	3317	0	21	338750	6061140	13J12	2	2	0	.47	.04	17.4	.1	.138	.1	.1	.5
6222963	6253318	5	2005	53318	3318	0	21	335988	6063912	13J12	2	2	0	.25	.06	5.4	.1	.094	.1	.1	.5
6222964	6253319	5	2005	53319	3319	1	21	334847	6064536	13J12	3	2	0	.23	.08	6.8	.1	.127	.1	.1	2.0
6222965	6253320	5	2005	53320	3320	2	21	334847	6064536	13J12	2	2	0	.23	.08	6.8	.1	.132	.1	.1	1.0
6222966	6253321	5	2005	53321	3321	0	21	333047	6065175	13J12	2	2	0	.30	.05	7.1	.1	.169	.1	.1	2.0
6222967	6253322	5	2005	53322	3322	0	21	332360	6064049	13J12	4	10	0	.21	.07	11.8	.1	.079	.1	.1	2.0
6222968	6253323	5	2005	53323	3323	0	21	330922	6064061	13J12	3	5	0	.09	.03	7.7	.1	.195	.1	.1	1.0
6222969	6253324	5	2005	53324	3324	0	21	330093	6064787	13J12	3	2	0	.32	.05	9.6	.1	.184	.1	.1	2.0
6222971	6253325	5	2005	53325	3325	0	21	335787	6066988	13J12	3	2	0	.42	.02	3.0	.1	.125	.1	.1	.5
6222972	6253326	5	2005	53326	3326	0	21	333747	6068797	13J12	3	2	0	.74	.10	5.9	.1	.396	.1	.1	.5
6222973	6253327	5	2005	53327	3327	0	21	331315	6069899	13J12	3	8	0	.03	.12	3.0	.1	.070	.1	.1	3.0
6222974	6253328	5	2005	53328	3328	0	21	332661	6070806	13J13	3	8	0	.07	.15	5.0	.1	.179	.1	.1	1.0
6222975	6253329	5	2005	53329	3329	0	21	331548	6071685	13J13	3	2	0	.34	.05	4.5	.1	.085	.1	.1	1.0
6222976	6253330	5	2005	53330	3330	0	21	328773	6098724	13O04	3	2	0	.55	.11	5.2	.5	.101	.1	.1	1.0
6222977	6253331	5	2005	53331	3331	0	21	330568	6098318	13O04	3	2	0	.48	.09	4.5	.6	.114	.1	.1	1.0
6222978	6253332	5	2005	53332	3332	0	21	330873	6099831	13O04	3	2	2	.01	.03	2.6	.1	.039	.1	.1	.5
6222979	6253333	5	2005	53333	3333	0	21	332302	6101089	13O04	3	7	0	.19	.06	4.1	.9	.234	.2	.1	2.0
6222981	6253334	5	2005	53334	3334	0	21	333704	6101639	13O04	3	2	0	.48	.07	4.3	.4	.278	.1	.1	2.0
6222982	6253335	5	2005	53335	3335	0	21	333165	6105097	13O04	3	2	0	.45	.07	4.2	.1	.187	.1	.1	1.0
6222983	6253336	5	2005	53336	3336	0	21	335390	6106611	13O04	4	2	0	.94	.17	7.0	.4	.199	.1	.1	2.0
6222984	6253337	5	2005	53337	3337	0	21	337447	6108780	13O04	4	2	0	.35	.10	5.1	1.5	.230	.1	.2	2.0
6222985	6253338	5	2005	53338	3338	0	21	339330	6110230	13O04	4	2	0	.39	.09	4.8	.5	.224	.1	.5	2.0
6222988	6253341	5	2005	53341	3341	0	21	339418	6115027	13O04	3	20	0	.07	.32	7.8	2.8	.250	.1	.1	2.0
6222989	6253342	5	2005	53342	3342	0	21	338857	6116293	13O04	4	5	0	.07	.10	4.9	.1	.387	.1	.1	1.0
6222991	6253343	2	2005	53343	3343	0	21	339732	6118226	13O04	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!
6222992	6253344	5	2005	53344	3344	0	21	337364	6115912	13O04	4	12	0	.07	.41	11.5	1.9	.201	.1	.1	2.0
6222993	6253345	5	2005	53345	3345	0	21	337194	6114000	13O04	3	2	0	.09	.15	6.5	.9	.938	.1	.1	1.0
#NULL!	6273346	7	2005	73346	3346	0	21	335999	6113466	13O04	4	2	0	.35	.10	4.4	.1	.490	.1	.1	1.0
6222995	6253347	5	2005	53347	3347	0	21	337440	6112299	13O04	4	13	0	.04	.49	9.5	1.0	.403	.1	.1	2.0

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	niw2	pw2	pbw2	siw1	so4w1	srw2	tiw2	uw3	vw2	yw2	znw2
6222996	6253348	5	2005	53348	3348	0	21	335183	6111484	13O04	3	2	0	.01	.23	5.4	1.1	.585	.1	.1	1.0
6222997	6253349	5	2005	53349	3349	0	21	333371	6111817	13O04	3	2	0	.08	.23	6.6	1.0	.289	.1	.1	.5
6222998	6253350	5	2005	53350	3350	0	21	335832	6109573	13O04	3	9	0	.05	.19	4.1	.9	.385	.1	.1	1.0
6222999	6253351	5	2005	53351	3351	0	21	335214	6107906	13O04	4	7	0	.03	.07	3.6	2.1	.520	.1	.1	1.0
6223001	6253352	5	2005	53352	3352	0	21	333707	6106305	13O04	4	2	0	.35	.11	4.3	.1	.174	.1	.1	.5
6223002	6253353	5	2005	53353	3353	0	21	332837	6106767	13O04	4	2	0	.37	.09	4.3	.1	.144	.1	.1	1.0
6223003	6253354	5	2005	53354	3354	0	21	332016	6105799	13O04	4	2	0	.17	.08	4.0	.1	.058	.1	.1	.5
6223004	6253355	5	2005	53355	3355	0	21	331631	6103707	13O04	4	2	0	.64	.14	5.1	.1	.098	.1	.1	2.0
6223005	6253356	5	2005	53356	3356	0	21	330997	6102399	13O04	4	2	0	1.10	.09	5.1	.8	.088	.1	.1	.5
6223006	6253357	5	2005	53357	3357	0	21	324833	6099081	13O04	4	8	0	.17	.12	3.3	.1	.064	.1	.1	2.0
6223007	6253358	5	2005	53358	3358	0	21	325972	6100833	13O04	4	2	0	.24	.05	2.9	.1	.038	.1	.1	.5
6223008	6253359	5	2005	53359	3359	0	21	328024	6102944	13O04	1	2	0	.38	.05	3.3	.1	.059	.3	.1	.5
6223009	6253360	5	2005	53360	3360	0	21	329147	6103944	13O04	1	2	0	.51	.06	3.4	.1	.041	.1	.1	.5
6223011	6253361	5	2005	53361	3361	0	21	330077	6106016	13O04	1	2	0	.10	.10	4.3	.1	.051	.2	.1	.5
6223012	6253362	5	2005	53362	3362	0	21	330078	6106016	13O04	1	6	0	.11	.18	4.6	.1	.056	.3	.1	.5
6223013	6253363	5	2005	53363	3363	0	21	328256	6105703	13O04	1	5	0	.35	.13	3.4	.1	.032	.1	.1	.5
6223014	6253364	5	2005	53364	3364	0	21	327559	6103489	13O04	1	2	0	.50	.10	3.5	.1	.049	.3	.1	.5
6223015	6253365	5	2005	53365	3365	0	21	325847	6103770	13O04	1	6	0	.02	.14	4.2	.1	.018	.1	.1	.5
6223039	6253366	5	2005	53366	3366	0	21	323244	6103690	13O04	1	2	0	.50	.07	3.6	.1	.027	.1	.1	1.0
6223041	6253367	5	2005	53367	3367	0	21	322548	6102053	13O04	1	2	0	.50	.10	3.8	.1	.020	.2	.1	1.0
6223042	6253368	5	2005	53368	3368	0	21	323422	6099770	13O04	1	2	0	.29	.05	3.2	.1	.026	.2	.1	.5
6223043	6253369	5	2005	53369	3369	0	21	316210	6097728	13J13	1	2	0	.41	.05	3.9	.1	.030	.1	.1	.5
6223044	6253370	5	2005	53370	3370	0	21	317427	6097261	13J13	1	2	0	.35	.06	3.8	.1	.019	.2	.1	.5
6223045	6253371	5	2005	53371	3371	0	21	319421	6097458	13J13	1	2	0	.39	.09	4.4	.1	.035	.3	.1	.5
6223046	6253372	5	2005	53372	3372	0	21	323463	6097376	13J13	1	2	0	.18	.03	2.7	.1	.058	.1	.1	1.0
6223047	6253373	5	2005	53373	3373	0	21	322866	6093242	13J13	1	6	0	.04	.05	2.2	.1	.020	.4	.1	1.0
6223048	6253374	5	2005	53374	3374	0	21	322416	6091223	13J13	2	2	0	.30	.12	3.8	.5	.051	.5	.1	1.0
6223049	6253375	5	2005	53375	3375	0	21	318713	6091713	13J13	1	2	0	.36	.08	4.6	.1	.069	.1	.1	.5
6223051	6253376	5	2005	53376	3376	0	21	316230	6091955	13J13	1	2	0	.37	.26	5.0	.1	.037	.2	.1	.5
6223052	6253377	5	2005	53377	3377	0	21	319744	6091825	13J13	1	2	0	.40	.03	3.2	.1	.032	.3	.1	.5
6223053	6253378	5	2005	53378	3378	0	21	319771	6099023	13O04	1	2	0	.05	.11	4.3	.1	.039	.1	.1	.5
6223054	6253379	5	2005	53379	3379	0	21	320615	6100795	13O04	1	2	0	.12	.05	3.1	.1	.016	.1	.1	.5
6223055	6253380	5	2005	53380	3380	0	21	320615	6100795	13O04	1	2	0	.12	.06	3.0	.1	.015	.1	.1	.5
6223056	6253381	5	2005	53381	3381	0	21	319162	6100849	13O04	1	2	0	.09	.08	3.4	.1	.053	.5	.1	.5
6223057	6253382	5	2005	53382	3382	0	21	317992	6101423	13O04	1	2	0	.31	.05	3.5	.1	.040	.1	.1	.5
6223058	6253383	5	2005	53383	3383	0	21	317260	6102191	13O04	1	2	0	.42	.05	3.9	.1	.062	.1	.1	.5
6223059	6253384	5	2005	53384	3384	0	21	318456	6103845	13O04	1	2	0	.50	.08	4.1	.1	.074	.1	.1	.5
6223061	6253385	5	2005	53385	3385	0	21	319925	6105210	13O04	1	2	0	.47	.10	4.0	.1	.075	.3	.1	.5
6223062	6253386	5	2005	53386	3386	0	21	321927	6104593	13O04	1	2	0	.33	.14	3.9	.1	.063	.3	.1	.5
6223063	6253387	5	2005	53387	3387	0	21	321457	6106429	13O04	1	2	0	.25	.08	3.5	.1	.066	.1	.1	.5
6223064	6253388	5	2005	53388	3388	0	21	322041	6107386	13O04	1	2	0	.18	.09	3.2	.1	.121	.1	.1	.5
6223065	6253389	5	2005	53389	3389	0	21	323553	6106912	13O04	1	2	0	.08	.04	2.7	.1	.054	.1	.1	.5
6223066	6253390	5	2005	53390	3390	0	21	323221	6108350	13O04	1	2	0	.45	.06	3.5	.1	.131	.4	.1	.5
6223067	6253391	5	2005	53391	3391	0	21	325017	6107665	13O04	1	2	0	.12	.04	3.2	.1	.667	.1	.1	.5
6223068	6253392	5	2005	53392	3392	0	21	326500	6107189	13O04	1	2	0	.43	.03	3.1	.1	.441	.3	.7	.5
6223069	6253393	5	2005	53393	3393	0	21	327360	6108920	13O04	1	2	0	.01	.02	1.5	.1	.109	.1	.1	.5
6223071	6253394	5	2005	53394	3394	0	21	331472	6108942	13O04	1	7	0	.01	.08	2.6	.1	.023	.1	.1	.5
6223072	6253395	5	2005	53395	3395	0	21	329492	6109909	13O04	1	2	0	.30	.08	4.5	.1	1.220	.2	.2	.5
6223073	6253396	5	2005	53396	3396	0	21	328594	6110708	13O04	1	2	0	.35	.06	3.5	.1	1.460	.3	.1	.5
6223074	6253397	5	2005	53397	3397	0	21	326956	6109901	13O04	1	2	0	.12	.02	2.1	.1	1.060	.1	.1	.5
6223075	6253398	5	2005	53398	3398	0	21	332105	6115919	13O04	1	2	0	.54	.41	8.6	.1	.653	.1	.1	.5
6223076	6253399	5	2005	53399	3399	1	21	326682	6113689	13O04	1	2	0	.02	.15	6.1	.1	1.610	.1	1.1	.5
6223077	6253400	5	2005	53400	3400	2	21	326682	6113689	13O04	1	2	0	.02	.15	6.1	.1	1.620	.3	1.1	.5
6223078	6253401	5	2005	53401	3401	0	21	324251	6113003	13O04	1	2	0	.24	.05	4.1	.1	1.030	.2	1.0	.5
6223079	6253402	5	2005	53402	3402	0	21	325074	6111058	13O04	1	2	0	.38	.03	2.8	.1	.844	.1	.6	.5
6223081	6253403	5	2005	53403	3403	0	21	319846	6109053	13O04	1	2	0	.04	.13	4.2	.1	.112	.1	.1	.5
6223082	6253404	5	2005	53404	3404	0	21	318738	6107628	13O04	1	2	0	.59	.05	4.0	.1	.071	.2	.1	.5
6223083	6253405	5	2005	53405	3405	0	21	316827	6106136	13O04	1	2	0	.44	.10	5.4	.1	.080	.1	.1	.5
6223084	6253406	5	2005	53406	3406	0	21	317270	6104763	13O04	1	2	0	.12	.05	2.8	.1	.047	.1	.1	.5
6223085	6253407	5	2005	53407	3407	0	21	315468	6103642	13O04	1	2	0	.51	.08	5.0	.1	.166	.1	.1	.5
6223086	6253408	5	2005	53408	3408	0	21	316490	6100236	13O04	1	2	0	.16	.04	3.1	.1	.037	.4	.1	.5
6223087	6253409	5	2005	53409	3409	0	21	315297	6100373	13O04	1	2	0	.57	.06	3.4	.1	.073	.1	.1	.5
6223088	6253410	5	2005	53410	3410	0	21	314277	6101050	13O04	1	2	0	.05	.07	3.7	.1	.142	.1	.1	.5
6223089	6253411	5	2005	53411	3411	0	21	312761	6099032	13O04	1	2	0	.71	.07	6.2	.1	.106	.1	.1	.5
6223091	6253412	5	2005	53412	3412	0	21	312307	6102657	13O04	1	2	0	.35	.06	5.3	.1	.196	.1	.1	.5
6223092	6253413	5	2005	53413	3413	0	21	313882	6104580	13O04	1	2	0	.14	.04	3.9	.1	.044	.1	.1	.5
6223093	6253414	5	2005	53414	3414	0	21	315220	6105951	13O04	1	2	0	.81	.06	6.7	.1	.034	.1	.1	.5
6223094	6253415	5	2005	53415	3415	0	21	316221	6108119	13O04	1	2	0	.19	.07	6.0	.1	.070	.1	.1	1.0
6223095	6253416	5	2005	53416	3416	0	21	318483	6110428	13O04	1	2	0	.40	.06	4.2	.2	.125	.1	.1	1.0

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	niw2	pw2	pbw2	siw1	so4w1	srw2	tiw2	uw3	vw2	yw2	znw2
6223096	6253417	5	2005	53417	3417	0	21	316922	6110084	13O04	1	2	0	.56	.11	6.4	.1	.156	.1	.1	1.0
6223097	6253418	5	2005	53418	3418	0	21	314888	6110864	13O04	1	2	0	.23	.10	5.3	.1	.672	.1	.1	1.0
6223098	6253419	5	2005	53419	3419	1	21	314439	6112346	13O04	1	2	0	.56	.07	4.1	.2	.527	.3	.1	.5
6223099	6253420	5	2005	53420	3420	2	21	314439	6112346	13O04	1	2	0	.54	.06	4.0	.1	.513	.1	.1	.5
6223101	6253421	5	2005	53421	3421	0	21	311780	6111825	13O04	1	6	0	.05	.09	5.1	.2	.102	.1	.1	.5
6223102	6253422	5	2005	53422	3422	0	21	312240	6108625	13O04	2	2	0	.36	.04	4.9	1.8	.305	.1	.1	1.0
6223103	6253423	5	2005	53423	3423	0	21	313858	6108500	13O04	2	2	0	.14	.04	3.6	.1	.429	.1	.1	.5
6223104	6253424	5	2005	53424	3424	0	21	313742	6106304	13O04	2	2	0	.44	.04	4.6	.1	.217	.1	.1	1.0
6223105	6253425	5	2005	53425	3425	0	21	311860	6104584	13O04	2	2	0	.57	.04	4.5	.1	.229	.1	.1	.5
6223106	6253426	5	2005	53426	3426	0	20	669969	6100398	13N01	2	2	0	.24	.05	3.1	.1	.078	.1	.1	1.0
6223107	6253427	5	2005	53427	3427	0	20	670870	6101300	13N01	2	2	0	.22	.03	2.9	.1	.053	.1	.1	.5
6223108	6253428	5	2005	53428	3428	0	20	668994	6101537	13N01	2	2	0	.30	.24	7.0	.1	.180	.1	.1	.5
6223109	6253429	5	2005	53429	3429	0	20	669782	6103550	13N01	2	2	0	.67	.05	4.7	.2	.053	.1	.1	.5
6223111	6253430	5	2005	53430	3430	0	20	671670	6104829	13N01	2	2	0	.05	.07	4.0	.1	.037	.1	.1	.5
6223112	6253431	5	2005	53431	3431	0	20	672121	6105720	13N01	2	2	0	.01	.04	3.0	.1	.028	.1	.1	.5
6223113	6253432	5	2005	53432	3432	0	20	673512	6106966	13N01	2	2	0	.19	.04	3.2	.1	.038	.1	.1	.5
6223114	6253433	5	2005	53433	3433	0	20	674010	6108526	13N01	2	2	0	.31	.03	2.6	.1	.030	.1	.1	2.0
6223115	6253434	5	2005	53434	3434	0	20	675610	6109364	13N01	3	2	0	.92	.07	4.3	.1	.035	.1	.1	.5
6223116	6253435	5	2005	53435	3435	0	20	676300	6109942	13N01	2	6	0	.18	.08	4.2	.3	.035	.1	.1	.5
6223117	6253436	5	2005	53436	3436	0	20	676630	6112483	13N01	2	2	0	.26	.05	2.7	.1	.017	.1	.1	1.0
6223118	6253437	5	2005	53437	3437	0	20	678453	6112704	13N01	2	2	0	.44	.03	3.5	.2	.068	.1	.1	.5
6223119	6253438	5	2005	53438	3438	0	20	680548	6114850	13N01	3	2	0	.17	.04	3.5	.7	.087	.1	.1	1.0
6223121	6253439	5	2005	53439	3439	1	20	681845	6116200	13N01	3	2	0	.12	.05	3.4	.1	.165	.1	.1	.5
6223122	6253440	5	2005	53440	3440	2	20	681845	6116206	13N01	3	2	0	.12	.04	3.5	.1	.156	.1	.1	.5
6223123	6253441	5	2005	53441	3441	0	20	681916	6117635	13N01	5	2	0	.52	.17	7.1	.1	1.380	.2	.1	.5
6223124	6253442	5	2005	53442	3442	0	20	681107	6118569	13N01	3	2	0	.35	.07	4.0	.1	.356	.1	.1	.5
6223125	6253443	5	2005	53443	3443	0	20	681226	6120100	13N01	4	2	0	.34	.08	5.2	.1	.225	.1	.1	1.0
6223126	6253444	5	2005	53444	3444	0	20	682896	6120584	13N01	4	7	0	.01	.20	5.6	.2	.047	.3	.1	.5
6223127	6253445	5	2005	53445	3445	0	20	683965	6120866	13N01	4	7	0	.02	.11	4.7	.4	.051	.1	.1	2.0
6223128	6253446	5	2005	53446	3446	0	20	684022	6121811	13N01	5	2	0	.42	.10	5.5	.1	.164	.1	.1	2.0
#NULL!	6273447	7	2005	73447	3447	0	20	683080	6122389	13N01	4	6	0	.03	.18	5.6	1.0	.029	.3	.1	2.0
6223131	6253448	5	2005	53448	3448	0	20	684798	6123570	13N01	4	2	0	.12	.12	4.4	.2	.039	.1	.1	.5
6223132	6253449	5	2005	53449	3449	0	20	683857	6124412	13N01	4	2	0	.20	.21	6.0	.1	.021	.1	.1	1.0
6223133	6253450	5	2005	53450	3450	0	20	678110	6125208	13N01	4	2	0	.23	.19	5.8	.1	.026	.1	.1	.5
6223134	6253451	5	2005	53451	3451	0	20	677149	6124815	13N01	5	12	0	.12	.23	6.0	6.0	.067	.9	.1	2.0
6223135	6253452	5	2005	53452	3452	0	20	677895	6121899	13N01	4	2	0	.40	.07	3.5	.1	.016	.5	.1	2.0
6223136	6253453	5	2005	53453	3453	0	20	677852	6120815	13N01	5	2	0	.32	.15	4.6	.1	.045	.1	.1	4.0
6223137	6253454	5	2005	53454	3454	0	20	677225	6120280	13N01	4	2	0	.44	.08	4.0	.1	.038	.1	.1	1.0
6223138	6253455	5	2005	53455	3455	0	20	677715	6116724	13N01	5	2	0	.04	.17	4.8	.1	.072	.2	.1	2.0
6223139	6253456	5	2005	53456	3456	0	20	679008	6115939	13N01	5	2	0	.60	.08	4.3	.6	.120	.5	.1	3.0
6223141	6253457	5	2005	53457	3457	0	20	677000	6114100	13N01	4	2	0	.17	.09	3.1	.1	.067	.1	.1	3.0
6223142	6253458	5	2005	53458	3458	0	20	675543	6112510	13N01	4	2	0	.25	.05	3.3	.1	.018	.1	.1	1.0
6223143	6253459	5	2005	53459	3459	1	20	673769	6110240	13N01	4	2	0	.35	.29	6.2	.1	.083	.1	.1	.5
6223144	6253460	5	2005	53460	3460	2	20	673769	6110240	13N01	5	2	0	.35	.29	6.3	.1	.073	.5	.1	.5
6223145	6253461	5	2005	53461	3461	0	20	672121	6108087	13N01	5	6	0	.01	.18	5.4	.2	.123	.1	.1	1.0
6223146	6253462	5	2005	53462	3462	0	20	670480	6104824	13N01	5	2	0	.19	.04	3.8	.1	.037	.1	.1	.5
6223147	6253463	5	2005	53463	3463	0	20	667061	6098782	13N01	4	2	0	.77	.05	4.6	.1	.036	.1	.1	1.0
6223148	6253464	5	2005	53464	3464	0	20	666983	6097341	13K16	1	2	0	.68	.05	3.4	.1	.125	.1	.1	.5
6223149	6253465	5	2005	53465	3465	0	20	672162	6092773	13K16	1	2	0	.28	.01	2.3	.1	.197	.1	.1	.5
6223151	6253466	5	2005	53466	3466	0	20	675093	6091404	13K16	1	2	0	.15	.02	4.5	.1	.066	.1	.1	.5
6223152	6253467	5	2005	53467	3467	0	20	676276	6091164	13K16	1	2	0	.52	.05	5.8	.1	.203	.1	.1	.5
6223153	6253468	5	2005	53468	3468	0	20	678945	6090055	13K16	1	2	0	.21	.03	2.9	.1	.119	.1	.1	.5
6223154	6253469	5	2005	53469	3469	0	20	682347	6088580	13K16	1	2	0	.18	.02	2.2	.1	.072	.1	.1	.5
6223155	6253470	5	2005	53470	3470	0	20	686381	6088116	13K16	1	2	0	.39	.03	3.5	.1	.120	.1	.1	.5
6223156	6253471	5	2005	53471	3471	0	20	688868	6089040	13K16	1	2	0	.49	.02	3.1	.1	.090	.1	.1	.5
6223157	6253472	5	2005	53472	3472	0	20	690065	6089294	13K16	1	2	0	.01	.01	2.6	.1	.134	.1	.1	.5
6223158	6253473	5	2005	53473	3473	0	21	308388	6091165	13J13	1	2	0	.68	.04	4.4	.1	.113	.2	.1	.5
6223159	6253474	5	2005	53474	3474	0	20	664587	6098593	13N01	1	2	0	.61	.04	3.0	.1	.016	.1	.1	.5
6223161	6253475	5	2005	53475	3475	0	20	666040	6101514	13N01	2	6	0	.01	.21	3.9	.1	.073	.1	.1	2.0
6223162	6253476	5	2005	53476	3476	0	20	666940	6104438	13N01	1	2	0	.51	.07	4.1	.1	.049	.2	.1	.5
6223163	6253477	5	2005	53477	3477	0	20	668707	6109395	13N01	2	2	0	.05	.03	2.6	.1	.049	.1	.1	.5
6223164	6253478	5	2005	53478	3478	0	20	671531	6110777	13N01	1	2	0	.85	.20	7.0	.1	.034	.1	.1	.5
6223165	6253479	5	2005	53479	3479	0	20	672511	6114154	13N01	1	2	0	.50	.06	4.6	.1	.028	.1	.1	.5
6223167	6253481	5	2005	53481	3481	0	20	674647	6116096	13N01	1	2	0	.29	.05	2.7	.1	.013	.1	.1	.5
6223168	6253482	5	2005	53482	3482	0	20	674392	6117209	13N01	2	2	0	.33	.06	3.1	.1	.047	.1	.1	.5
6223169	6253483	5	2005	53483	3483	0	20	672304	6116872	13N01	1	2	0	.68	.11	3.9	.1	.043	.1	.1	.5
6223171	6253484	5	2005	53484	3484	0	20	672917	6119530	13N01	2	2	0	.51	.12	3.9	.1	.044	.1	.1	2.0
6223172	6253485	5	2005	53485	3485	0	20	673563	6121609	13N01	1	2	0	.41	.08	3.4	.1	.053	.1	.1	.5
6223173	6253486	5	2005	53486	3486	0	20	671760	6121662	13N01	2	2	0	.38	.04	3.0	.1	.058	.1	.1	1.0

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	niw2	pw2	pbw2	siw1	so4w1	srw2	tiw2	uw3	vw2	yw2	znw2
6223174	6253487	5	2005	53487	3487	0	20	670606	6119471	13N01	1	2	0	.50	.06	3.2	.1	.038	.1	.1	1.0
6223175	6253488	5	2005	53488	3488	0	20	670288	6117839	13N01	1	2	0	.18	.05	3.1	.1	.024	.1	.1	.5
6223176	6253489	5	2005	53489	3489	0	20	670238	6116543	13N01	1	7	0	.40	.13	4.2	.8	.064	.3	.1	.5
6223177	6253490	5	2005	53490	3490	0	20	671354	6115377	13N01	1	2	0	.67	.06	3.0	.1	.032	.1	.1	.5
6223178	6253491	5	2005	53491	3491	0	20	669232	6115232	13N01	1	2	0	.18	.05	4.0	.1	.030	.1	.1	.5
6223179	6253492	5	2005	53492	3492	0	20	669111	6112108	13N01	1	2	0	.93	.04	3.6	.1	.058	.1	.1	.5
6223181	6253493	5	2005	53493	3493	0	20	668679	6111304	13N01	1	2	0	.24	.02	2.2	.1	.024	.1	.1	.5
6223182	6253494	5	2005	53494	3494	0	20	666965	6109479	13N01	1	6	0	.01	.10	3.1	.1	.030	.1	.1	.5
6223183	6253495	5	2005	53495	3495	0	20	666986	6110555	13N01	1	2	0	.06	.02	2.4	.1	.017	.1	.1	.5
6223184	6253496	5	2005	53496	3496	0	20	667043	6112859	13N01	1	2	0	.14	.03	2.2	.1	.015	.1	.1	.5
6223185	6253497	5	2005	53497	3497	0	20	665210	6112011	13N01	1	2	0	.63	.06	4.9	.1	.029	.1	.1	.5
6223186	6253498	5	2005	53498	3498	0	20	663160	6112261	13N01	1	2	0	.03	.01	1.8	.1	.005	.1	.1	.5
6223187	6253499	5	2005	53499	3499	1	20	662508	6110119	13N01	1	2	0	.49	.03	3.8	.1	.009	.1	.1	.5
6223188	6253500	5	2005	53500	3500	2	20	662508	6110119	13N01	1	2	0	.49	.03	3.7	.1	.101	.1	.1	.5
6223189	6253501	5	2005	53501	3501	0	20	664585	6110250	13N01	1	2	0	1.15	.03	4.4	.1	.041	.1	.1	.5
6223191	6253502	5	2005	53502	3502	0	20	664447	6107848	13N01	1	2	0	.78	.04	4.5	.1	.040	.1	.1	.5
6223192	6253503	5	2005	53503	3503	0	20	660064	6106296	13N01	1	2	0	1.22	.16	7.3	.1	.210	.1	.1	.5
6223193	6253504	5	2005	53504	3504	0	20	663691	6104181	13N01	1	2	0	.59	.05	4.0	.1	.061	.1	.1	.5
6223194	6253505	5	2005	53505	3505	0	20	661230	6102146	13N01	1	2	0	.39	.03	4.2	.1	.043	.1	.1	.5
6223195	6253506	5	2005	53506	3506	0	20	664980	6102884	13N01	1	2	0	.73	.05	3.5	.1	.041	.1	.1	.5
6223196	6253507	5	2005	53507	3507	0	20	663978	6101482	13N01	1	2	0	.89	.06	3.6	.1	.042	.1	.1	.5
6223197	6253508	5	2005	53508	3508	0	20	663085	6098207	13N01	1	2	0	.23	.05	3.4	.1	.035	.1	.1	.5
6223198	6253509	5	2005	53509	3509	0	20	660732	6099853	13N01	1	2	0	.25	.02	4.7	.9	.036	.1	.1	.5
6223199	6253510	5	2005	53510	3510	0	20	660163	6097678	13N01	1	2	0	.43	.03	2.5	.1	.038	.1	.1	.5
6223201	6253511	5	2005	53511	3511	0	20	661081	6096641	13K16	1	2	0	.64	.03	2.3	.1	.030	.1	.1	.5
6223202	6253512	5	2005	53512	3512	0	20	663243	6096686	13K16	1	2	0	.46	.03	2.6	.1	.019	.1	.1	.5
6223203	6253513	5	2005	53513	3513	0	20	660546	6093275	13K16	2	2	0	.74	.03	2.8	.1	.049	.1	.1	.5
6223204	6253514	5	2005	53514	3514	0	20	662942	6094282	13K16	1	2	0	.77	.02	3.0	.1	.026	.1	.1	.5
6223205	6253515	5	2005	53515	3515	0	20	660909	6091155	13K16	3	2	0	.03	.09	2.7	.1	.065	.1	.1	.5
6223206	6253516	5	2005	53516	3516	0	20	661082	6084805	13K16	1	6	0	.02	.01	4.5	.1	.029	.5	.1	.5
6223207	6253517	5	2005	53517	3517	0	20	665703	6081997	13K16	1	2	0	.35	.09	5.1	.1	.026	.3	.1	1.0
6223208	6253518	5	2005	53518	3518	0	20	668177	6081994	13K16	1	2	0	.48	.02	2.9	.1	.037	.1	.1	1.0
6223209	6253519	5	2005	53519	3519	1	20	672965	6081499	13K16	1	2	0	.37	.02	2.1	.1	.030	.1	.1	1.0
6223211	6253520	5	2005	53520	3520	2	20	672965	6081499	13K16	1	2	0	.36	.02	2.2	.1	.034	.1	.1	.5
6223212	6253521	5	2005	53521	3521	0	20	676271	6080194	13K16	1	2	0	.43	.01	2.3	.1	.029	.3	.1	1.0
6223213	6253522	5	2005	53522	3522	0	20	689627	6076037	13K16	1	2	0	1.35	.37	10.0	.1	.030	.1	.1	1.0
6223214	6253523	5	2005	53523	3523	0	20	690313	6075665	13K16	2	2	0	.27	.25	9.1	.1	.020	.1	.1	1.0
6223215	6253524	5	2005	53524	3524	0	20	691214	6075618	13K16	2	2	0	1.77	.63	14.7	.1	.043	.1	.1	1.0
6223216	6253525	5	2005	53525	3525	0	20	692303	6074026	13K16	1	2	0	.75	.27	5.4	.2	.026	.1	.1	1.0
6223217	6253526	5	2005	53526	3526	0	20	690742	6073132	13K16	1	2	0	.29	.10	4.5	.1	.015	.1	.1	.5
6223218	6253527	5	2005	53527	3527	0	20	689487	6072248	13K16	1	2	0	.72	.27	7.4	.1	.063	.1	.1	2.0
6223219	6253528	5	2005	53528	3528	0	20	687897	6072593	13K16	2	2	0	.58	.26	9.0	.1	.107	.1	.1	.5
6223221	6253529	5	2005	53529	3529	0	20	685835	6072774	13K16	3	2	0	1.18	.50	11.4	.1	.046	.2	.1	.5
6223222	6253530	5	2005	53530	3530	0	20	682268	6072640	13K16	1	2	0	.34	.15	4.6	.1	.085	.1	.1	.5
6223223	6253531	5	2005	53531	3531	0	20	681522	6070985	13K16	1	2	0	.48	.16	5.5	.1	.040	.1	.1	.5
6223224	6253532	5	2005	53532	3532	0	20	678452	6071721	13K16	1	2	0	.53	.09	5.0	.1	.262	.1	.1	12.0
6223225	6253533	5	2005	53533	3533	0	20	677343	6070815	13K16	1	2	0	.47	.07	4.6	.1	.171	.1	.1	1.0
6223226	6253534	5	2005	53534	3534	0	20	674588	6070793	13K16	1	2	0	.50	.02	3.0	.1	.074	.1	.1	.5
6223227	6253535	5	2005	53535	3535	0	20	672142	6071069	13K16	1	2	0	.36	.03	3.6	.1	.134	.1	.1	.5
6223228	6253536	5	2005	53536	3536	0	20	669700	6070390	13K16	1	2	0	.87	.09	4.6	.1	.203	.1	.1	.5
6223229	6253537	5	2005	53537	3537	0	20	667234	6071066	13K16	1	2	0	.74	.07	3.9	.1	.063	.1	.1	.5
6223231	6253538	5	2005	53538	3538	0	20	664760	6070426	13K16	1	5	0	.09	.17	3.8	.1	.067	.1	.1	.5
6223232	6253539	5	2005	53539	3539	1	20	665597	6072740	13K16	1	2	0	.35	.05	3.2	.1	.043	.1	.1	.5
6223233	6253540	5	2005	53540	3540	2	20	665597	6072740	13K16	1	2	0	.33	.06	3.3	.1	.048	.1	.1	.5
6223234	6253541	5	2005	53541	3541	0	20	666488	6074069	13K16	1	2	0	.67	.04	3.1	.1	.061	.1	.1	.5
6223235	6253542	5	2005	53542	3542	0	20	669288	6073143	13K16	1	2	0	.55	.05	3.5	.1	.076	.1	.1	.5
6223236	6253543	5	2005	53543	3543	0	20	671770	6072395	13K16	1	2	0	.39	.04	3.7	.1	.120	.1	.1	2.0
6223237	6253544	5	2005	53544	3544	0	20	673839	6073235	13K16	3	7	0	.19	.06	4.6	.1	.089	.1	.1	4.0
6223238	6253545	5	2005	53545	3545	0	20	676090	6073505	13K16	2	11	0	.30	.06	3.3	.1	.078	.1	.1	6.0
6223239	6253546	5	2005	53546	3546	0	20	678710	6073735	13K16	1	2	0	.62	.04	3.2	.1	.066	.1	.1	.5
6223241	6253547	5	2005	53547	3547	0	20	680734	6073720	13K16	2	2	0	.52	.02	3.1	.1	.074	.1	.1	1.0
6223242	6253548	5	2005	53548	3548	0	20	682997	6074074	13K16	1	2	0	.33	.10	4.3	.1	.035	.1	.1	.5
6223243	6253549	5	2005	53549	3549	0	20	684372	6075029	13K16	1	2	0	.39	.20	5.4	.1	.034	.1	.1	.5
6223244	6253550	5	2005	53550	3550	0	20	686372	6074534	13K16	2	2	0	1.54	.60	11.2	.1	.102	.4	.1	.5
6223245	6253551	5	2005	53551	3551	0	20	687211	6076253	13K16	1	2	0	1.04	.24	8.0	.1	.081	.1	.1	.5
6223246	6253552	5	2005	53552	3552	0	20	685463	6076123	13K16	1	2	0	1.04	.20	6.8	.1	.046	.1	.1	1.0
6223247	6253553	5	2005	53553	3553	0	20	683552	6076044	13K16	1	2	0	.61	.07	3.5	.1	.104	.1	.1	.5
6223248	6253554	5	2005	53554	3554	0	20	681050	6076019	13K16	1	2	0	.26	.03	3.3	.1	.093	.1	.1	.5
6223249	6253555	5	2005	53555	3555	0	20	678743	6075565	13K16	1	2	0	.33	.02	2.8	.1	.075	.1	.1	2.0

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	niw2	pw2	pbw2	siw1	so4w1	srw2	tiw2	uw3	vw2	yw2	znw2
6223251	6253556	5	2005	53556	3556	0	20	674420	6075896	13K16	1	2	0	.23	.03	2.9	.1	.042	.1	.1	.5
6223252	6253557	5	2005	53557	3557	0	20	671632	6075822	13K16	1	2	0	.26	.05	2.9	.1	.062	.1	.1	.5
6223253	6253558	5	2005	53558	3558	0	20	669738	6074972	13K16	1	2	0	.52	.03	2.5	.1	.049	.1	.1	.5
6223254	6253559	5	2005	53559	3559	1	20	671500	6076895	13K16	1	6	0	.15	.04	2.0	.1	.065	.1	.1	.5
6223255	6253560	5	2005	53560	3560	2	20	671500	6076895	13K16	1	2	0	.21	.02	1.9	.1	.058	.1	.1	1.0
6223256	6253561	5	2005	53561	3561	0	20	677215	6076765	13K16	1	2	0	.42	.01	2.9	.1	.075	.1	.1	.5
6223257	6253562	5	2005	53562	3562	0	20	680500	6078700	13K16	1	2	0	.25	.02	2.9	.1	.089	.1	.1	2.0
6223258	6253563	5	2005	53563	3563	0	20	682820	6079850	13K16	1	2	0	.25	.02	3.0	.1	.066	.1	.1	.5
6223259	6253564	5	2005	53564	3564	0	20	685480	6078472	13K16	1	2	0	.54	.03	3.2	.1	.059	.1	.1	.5
6223261	6253565	5	2005	53565	3565	0	20	688334	6079160	13K16	1	2	0	.68	.21	7.8	.1	.024	.1	.1	.5
6223262	6253566	5	2005	53566	3566	0	20	689130	6080090	13K16	2	11	0	.24	.22	6.7	.1	.022	.1	.1	.5
6223263	6253567	5	2005	53567	3567	0	20	689685	6065065	13K09	2	16	0	.01	.10	2.1	.1	.137	.1	.1	1.0
6223264	6253568	5	2005	53568	3568	0	20	686190	6062127	13K09	2	14	0	.15	.03	2.0	.1	.052	.1	.1	2.0
6223265	6253569	5	2005	53569	3569	0	20	673750	6055691	13K09	1	2	0	.98	.02	3.0	.1	.068	.1	.1	1.0
6223266	6253570	5	2005	53570	3570	0	20	676151	6066709	13K09	4	43	0	.14	.09	9.3	3.2	.027	.6	.1	2.0
6223267	6253571	5	2005	53571	3571	0	20	690259	6078853	13K16	1	2	0	.62	.11	5.6	.1	.010	.1	.1	.5
6223268	6253572	5	2005	53572	3572	0	20	691262	6078748	13K16	2	6	0	1.07	.33	8.1	.1	.066	.1	.1	.5
6223269	6253573	5	2005	53573	3573	0	20	691492	6080377	13K16	2	6	0	1.20	.34	7.5	.1	.040	.1	.1	.5
6223271	6253574	5	2005	53574	3574	0	20	691547	6084458	13K16	2	8	0	.30	.06	3.7	.1	.038	.1	.1	3.0
6223272	6253575	5	2005	53575	3575	0	20	690224	6085490	13K16	2	9	0	.42	.06	4.0	.1	.048	.1	.1	.5
6223273	6253576	5	2005	53576	3576	0	20	688210	6083227	13K16	1	14	0	.06	.08	3.5	.1	.052	.1	.1	1.0
6223274	6253577	5	2005	53577	3577	0	20	686754	6082313	13K16	3	2	0	.23	.03	3.4	.1	.077	.1	.1	.5
6223275	6253578	5	2005	53578	3578	0	20	686790	6080592	13K16	2	10	0	.77	.27	9.4	.1	.110	.2	.1	2.0
6223276	6253579	5	2005	53579	3579	1	20	684036	6080613	13K16	1	2	0	.23	.02	2.7	.1	.044	.1	.1	.5
6223277	6253580	5	2005	53580	3580	2	20	684036	6080613	13K16	1	2	0	.24	.02	2.7	.1	.055	.1	.1	.5
6223278	6253581	5	2005	53581	3581	0	20	681642	6080880	13K16	1	2	0	.30	.02	2.7	.1	.049	.3	.1	.5
6223279	6253582	5	2005	53582	3582	0	20	680017	6080247	13K16	1	2	0	.47	.05	4.0	.1	.106	.1	.1	.5
6223281	6253583	5	2005	53583	3583	0	20	678748	6079788	13K16	2	8	0	.08	.04	2.8	.1	.080	.1	.1	.5
6223282	6253584	5	2005	53584	3584	0	20	678580	6079023	13K16	1	2	0	.13	.01	2.9	.1	.169	.1	.1	.5
6223283	6253585	5	2005	53585	3585	0	20	676274	6078379	13K16	1	2	0	.09	.04	2.3	.1	.044	.1	.1	.5
6223284	6253586	5	2005	53586	3586	0	20	673818	6079219	13K16	1	2	0	.35	.03	2.6	.1	.072	.1	.1	.5
6223285	6253587	5	2005	53587	3587	0	20	672625	6080672	13K16	1	2	0	.43	.03	2.5	.1	.037	.1	.1	.5
6223286	6253588	2	2005	53588	3588	0	20	670837	6080120	13K16	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!
6223287	6253589	5	2005	53589	3589	0	20	668739	6080201	13K16	1	2	0	.24	.03	2.4	.1	.050	.1	.1	.5
6223288	6253590	5	2005	53590	3590	0	20	669154	6077771	13K16	1	2	0	.42	.03	2.7	.1	.051	.1	.1	2.0
6223289	6253591	5	2005	53591	3591	0	20	666723	6077526	13K16	1	2	0	.56	.03	2.7	.1	.057	.1	.1	.5
6223291	6253592	5	2005	53592	3592	0	20	665916	6075836	13K16	1	2	0	.66	.03	3.1	.1	.039	.1	.1	.5
6223292	6253593	5	2005	53593	3593	0	20	664644	6076193	13K16	1	2	0	.51	.12	4.9	.1	.115	.1	.1	.5
6223293	6253594	5	2005	53594	3594	0	20	663789	6077215	13K16	1	2	0	.52	.04	2.8	.1	.034	.1	.1	.5
6223294	6253595	5	2005	53595	3595	0	20	666280	6078714	13K16	1	2	0	.50	.02	2.7	.1	.029	.1	.1	.5
6223295	6253596	5	2005	53596	3596	0	20	666475	6079825	13K16	1	2	0	.44	.03	2.7	.1	.013	.1	.1	2.0
6223296	6253597	5	2005	53597	3597	0	20	670393	6083356	13K16	1	2	0	.98	.07	4.3	.1	.086	.1	.1	.5
6223297	6253598	5	2005	53598	3598	0	20	670281	6084201	13K16	1	2	0	.55	.03	2.7	.1	.035	.1	.1	.5
6223298	6253599	5	2005	53599	3599	1	20	669073	6085698	13K16	1	2	0	.90	.05	4.1	.1	.044	.1	.1	.5
6223299	6253600	5	2005	53600	3600	2	20	669073	6085698	13K16	1	2	0	.90	.04	4.0	.1	.045	.1	.1	.5
6223301	6253601	5	2005	53601	3601	0	20	669530	6087227	13K16	5	2	0	.85	.03	3.2	.1	.035	.1	.1	3.0
6223302	6253602	5	2005	53602	3602	0	20	668726	6088159	13K16	3	6	0	.48	.05	3.1	.1	.052	.1	.1	3.0
6223303	6253603	5	2005	53603	3603	0	20	669839	6088720	13K16	1	11	0	.20	.06	3.1	.1	.030	.1	.1	.5
6223304	6253604	5	2005	53604	3604	0	20	665968	6088758	13K16	1	6	0	.15	.02	4.3	.1	.059	.1	.1	.5
6223305	6253605	5	2005	53605	3605	0	20	663115	6089646	13K16	1	2	0	.08	.03	3.9	.2	.030	.1	.1	.5
6223306	6253606	5	2005	53606	3606	0	20	666219	6095120	13K16	1	2	0	.18	.03	2.3	.1	.016	.1	.1	.5
6223307	6253607	5	2005	53607	3607	0	20	670007	6105230	13N01	1	5	0	.12	.04	2.9	.1	.026	.1	.1	.5
6223308	6253608	5	2005	53608	3608	0	20	666863	6091212	13K16	1	2	0	.46	.05	4.2	.1	.215	.1	.1	2.0
6223309	6253609	5	2005	53609	3609	0	20	668769	6091587	13K16	1	2	0	.34	.06	3.4	.1	.055	.1	.1	2.0
6223311	6253610	5	2005	53610	3610	0	20	671263	6090723	13K16	1	2	0	.05	.02	2.8	.1	.152	.1	.1	1.0
6223312	6253611	5	2005	53611	3611	0	20	672370	6090552	13K16	1	2	0	.49	.01	3.1	.1	.089	.1	.1	.5
6223313	6253612	5	2005	53612	3612	0	20	673088	6091217	13K16	1	2	0	.12	.03	2.3	.1	.100	.1	.1	1.0
6223314	6253613	5	2005	53613	3613	0	20	674511	6093283	13K16	1	2	0	.57	.03	3.2	.1	.072	.1	.1	1.0
6223315	6253614	5	2005	53614	3614	0	20	673050	6095326	13K16	1	2	0	.35	.03	3.4	.1	.074	.1	.1	.5
6223316	6253615	5	2005	53615	3615	0	20	673682	6095943	13K16	1	2	0	.52	.02	3.7	.1	.105	.1	.1	1.0
6223317	6253616	5	2005	53616	3616	0	20	691147	6094316	13K16	1	2	0	.39	.03	3.5	.1	.107	.1	.1	.5
6223318	6253617	5	2005	53617	3617	0	20	690175	6091489	13K16	1	2	0	.57	.03	3.0	.1	.080	.1	.1	.5
6223319	6253618	5	2005	53618	3618	0	20	689844	6090764	13K16	1	2	0	.52	.02	2.9	.1	.091	.1	.1	.5
6223321	6253619	5	2005	53619	3619	1	20	688948	6086485	13K16	1	2	0	.44	.03	3.1	.1	.076	.1	.1	.5
6223322	6253620	5	2005	53620	3620	2	20	688948	6086485	13K16	1	2	0	.44	.03	3.1	.1	.075	.1	.1	.5
6223323	6253621	5	2005	53621	3621	0	20	685865	6085148	13K16	1	2	0	.60	.02	3.0	.1	.096	.1	.1	1.0
6223324	6253622	5	2005	53622	3622	0	20	684787	6086207	13K16	1	2	0	.60	.02	3.5	.1	.063	.1	.1	5.0
6223325	6253623	5	2005	53623	3623	0	20	683012	6083020	13K16	1	2	0	.59	.02	3.2	.1	.108	.1	.1	2.0
6223326	6253624	5	2005	53624	3624	0	20	684241	6082383	13K16	1	2	0	.52	.01	2.8	.1	.094	.1	.1	1.0

labnum	fldnum	samptype	sampyear	number	subnum	sitedup	utmzone	utmeast	utmnorth	nts	niw2	pw2	pbw2	siw1	so4w1	srw2	tiw2	uw3	vw2	yw2	znw2
6223327	6253625	5	2005	53625	3625	0	20	682641	6079084	13K16	1	2	0	.27	.22	6.3	.1	.164	.1	.1	1.0
6223328	6253626	5	2005	53626	3626	0	20	680602	6083155	13K16	1	2	0	.61	.02	3.3	.1	.086	.1	.1	3.0
6223329	6253627	5	2005	53627	3627	0	20	677670	6083164	13K16	1	2	0	.32	.01	2.3	.1	.059	.1	.1	3.0
6223331	6253628	5	2005	53628	3628	0	20	675221	6085044	13K16	1	2	0	.16	.01	1.7	.1	.032	.1	.1	1.0
6223332	6253629	5	2005	53629	3629	0	20	672650	6084525	13K16	1	2	0	.40	.01	3.1	.1	.032	.1	.1	2.0
6223333	6253630	5	2005	53630	3630	0	20	672205	6082712	13K16	1	2	0	.19	.08	2.9	.1	.049	.1	.1	.5
6223334	6253631	5	2005	53631	3631	0	20	676075	6083242	13K16	1	2	0	.27	.01	1.6	.1	.031	.1	.1	.5
6223335	6253632	5	2005	53632	3632	0	20	677146	6085957	13K16	1	2	0	.36	.01	2.4	.1	.045	.2	.1	1.0
6223336	6253633	5	2005	53633	3633	0	20	679333	6085454	13K16	1	2	0	.35	.02	2.1	.1	.049	.1	.1	.5
6223337	6253634	5	2005	53634	3634	0	20	681817	6086107	13K16	1	2	0	.29	.02	1.9	.1	.032	.1	.1	.5
6223338	6253635	5	2005	53635	3635	0	20	678709	6088060	13K16	1	2	0	.72	.04	3.5	.1	.086	.1	.1	.5
6223339	6253636	5	2005	53636	3636	0	20	677305	6086946	13K16	1	2	0	.22	.02	2.1	.1	.038	.1	.1	.5
6223341	6253637	5	2005	53637	3637	0	20	675129	6087249	13K16	1	2	0	.56	.05	3.6	.1	.072	.1	.1	.5
6223342	6253638	5	2005	53638	3638	0	20	672341	6088269	13K16	1	2	0	.26	.02	2.7	.1	.044	.1	.1	.5
6223343	6253639	5	2005	53639	3639	1	20	673936	6089776	13K16	-9	-9	-9	-9.00	-9.00	-9.0	-9.0	-9.000	-9.0	-9.0	-9.0
6223344	6253640	5	2005	53640	3640	2	20	673936	6089776	13K16	1	2	0	.35	.02	2.7	.1	.040	.1	.1	1.0
6223345	6253641	5	2005	53641	3641	0	20	679188	6091172	13K16	1	2	0	.65	.03	3.1	.1	.048	.2	.1	1.0
6223346	6253642	5	2005	53642	3642	0	20	680715	6091153	13K16	1	2	0	.23	.02	2.5	.1	.046	.1	.1	6.0
6223347	6253643	5	2005	53643	3643	0	20	683938	6089811	13K16	1	2	0	.69	.02	3.0	.1	.091	.1	.1	8.0
6223348	6253644	5	2005	53644	3644	0	20	683682	6088838	13K16	1	2	0	.70	.02	3.1	.1	.188	.1	.1	3.0
6223349	6253645	5	2005	53645	3645	0	20	686120	6089523	13K16	1	2	0	.28	.01	2.6	.1	.114	.1	.1	3.0
6223351	6253646	5	2005	53646	3646	0	20	688655	6091006	13K16	1	2	0	.19	.02	2.3	.1	.098	.1	.1	2.0
6223352	6253647	5	2005	53647	3647	0	21	309917	6093270	13J13	1	2	0	.22	.05	3.3	.1	.139	.1	.1	7.0
6223353	6253648	5	2005	53648	3648	0	20	688597	6091975	13K16	1	2	0	.41	.02	2.6	.1	.095	.1	.1	.5
6223354	6253649	5	2005	53649	3649	0	20	686920	6091642	13K16	1	2	0	.27	.03	4.0	.1	.194	.1	.1	.5
6223355	6253650	5	2005	53650	3650	0	20	683631	6092328	13K16	1	2	0	.25	.01	3.4	.1	.110	.1	.1	1.0
6223356	6253651	5	2005	53651	3651	0	20	681364	6092731	13K16	1	2	0	.11	.03	1.8	.1	.044	.1	.1	.5
6223357	6253652	5	2005	53652	3652	0	20	679639	6094064	13K16	1	2	0	.58	.04	2.9	.1	.056	.1	.1	1.0
6223358	6253653	5	2005	53653	3653	0	20	675493	6097299	13K16	1	2	0	.32	.03	3.0	.1	.087	.1	.1	.5
6223359	6253654	5	2005	53654	3654	0	20	679481	6096713	13K16	1	2	0	.49	.04	4.9	.1	.110	.1	.1	.5
6223361	6253655	5	2005	53655	3655	0	20	682000	6096573	13K16	1	2	0	.46	.06	4.9	.1	.103	.1	.1	.5
6223362	6253656	5	2005	53656	3656	0	20	683104	6096425	13K16	1	2	0	.58	.06	4.5	.1	.095	.1	.1	.5
6223363	6253657	5	2005	53657	3657	0	20	682857	6095049	13K16	1	2	0	.40	.03	2.0	.1	.057	.1	.1	.5
6223364	6253658	5	2005	53658	3658	0	20	684826	6094535	13K16	1	2	0	.29	.05	4.5	.1	.122	.1	.1	.5
6223365	6253659	5	2005	53659	3659	0	20	686076	6095366	13K16	1	2	0	1.01	.06	4.5	.1	.061	.1	.1	.5
6223366	6253660	5	2005	53660	3660	0	20	687931	6093932	13K16	1	2	0	.50	.04	3.3	.1	.092	.1	.1	.5
6223367	6253661	5	2005	53661	3661	1	20	688473	6095909	13K16	1	2	0	.34	.07	3.8	.1	.133	.1	.1	.5
6223368	6253662	5	2005	53662	3662	2	20	688473	6095909	13K16	1	2	0	.32	.06	3.8	.1	.146	.1	.1	.5
6223369	6253663	5	2005	53663	3663	0	20	686032	6097094	13K16	1	2	0	.07	.03	2.0	.1	.070	.1	.1	.5
6223371	6253664	5	2005	53664	3664	0	20	690518	6097443	13K16	1	2	0	.55	.06	4.4	.1	.151	.1	.1	.5
6223372	6253665	5	2005	53665	3665	0	21	310311	6099251	13O04	1	2	0	.55	.04	3.3	.1	.095	.1	.1	.5
6223373	6253666	5	2005	53666	3666	0	21	308280	6099386	13O04	1	2	0	.60	.05	4.1	.1	.153	.1	.1	.5
6223374	6253667	5	2005	53667	3667	0	21	309649	6105736	13O04	1	2	0	.38	.06	3.7	.1	.107	.1	.1	.5
6223375	6253668	5	2005	53668	3668	0	21	309205	6104297	13O04	1	2	0	.11	.09	4.5	.1	.232	.1	.1	.5
6223376	6253669	5	2005	53669	3669	0	21	309150	6097264	13J13	1	2	0	.06	.06	2.9	.1	.058	.1	.1	.5
6223377	6253670	5	2005	53670	3670	0	21	308684	6095124	13J13	1	7	0	.53	.13	3.7	.1	.181	.1	.1	.5
6223378	6253671	5	2005	53671	3671	0	21	311073	6094171	13J13	1	2	0	.64	.07	4.4	.1	.116	.1	.1	.5
6223379	6253672	5	2005	53672	3672	0	21	311478	6095866	13J13	1	2	0	1.02	.10	6.2	.1	.113	.1	.1	.5
6223381	6253673	5	2005	53673	3673	0	21	313104	6097668	13J13	3	2	0	.28	.05	4.1	.1	.022	.2	.1	.5
6223382	6253674	5	2005	53674	3674	0	21	312172	6095057	13J13	2	2	0	.72	.06	4.9	.1	.056	.1	.1	2.0
6223383	6253675	5	2005	53675	3675	0	21	313746	6094222	13J13	3	2	0	.78	.09	5.2	.1	.050	.1	.1	.5
6223384	6253676	5	2005	53676	3676	0	21	310948	6092360	13J13	3	2	0	1.02	.11	7.4	.1	.051	.1	.1	.5
6223385	6253677	5	2005	53677	3677	0	21	312737	6091039	13J13	3	2	0	.33	.19	5.6	.1	.083	.1	.1	.5
6223386	6253678	5	2005	53678	3678	0	21	309010	6089229	13J13	4	2	0	.31	.09	4.8	.1	.058	.3	.1	.5
6223387	6253679	5	2005	53679	3679	1	21	310876	6089055	13J13	3	2	0	.37	.05	4.1	.1	.067	.1	.1	.5
6223388	6253680	5	2005	53680	3680	2	21	310876	6089055	13J13	3	2	0	.38	.06	3.9	.1	.158	.3	.1	.5
6223389	6253681	5	2005	53681	3681	0	21	313242	6089033	13J13	3	2	0	.32	.08	4.9	.1	.057	.2	.1	1.0
6223392	6253683	5	2005	53683	3683	0	21	313493	6087510	13J13	5	2	0	.62	.16	5.5	.1	.056	.1	.1	2.0
6223393	6253684	5	2005	53684	3684	0	21	310440	6087333	13J13	3	2	0	.56	.14	5.2	.1	.045	.1	.1	.5
6223394	6253685	5	2005	53685	3685	0	21	309643	6086901	13J13	3	2	0	.40	.13	3.9	.1	.037	.1	.1	.5
6223395	6253686	5	2005	53686	3686	0	21	311550	6085887	13J13	3	2	0	1.00	.34	6.8	.1	.057	.1	.1	.5
6223396	6253687	5	2005	53687	3687	0	21	310027	6084968	13J13	3	7	0	.50	.11	4.7	.1	.013	.3	.1	.5
6223397	6253688	5	2005	53688	3688	0	21	309685	6083787	13J13	3	2	0	.36	.36	7.0	.1	.072	.1	.1	.5
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6223399	6253690	5	2005	53690	3690	0	21	311323	6084091	13J13	3	2	0	.35	.25	6.4	.1	.087	.3	.1	1.0
6223401	6253691	5	2005	53691	3691	0	21	314391	6085513	13J13	3	2	0	.64	.10	4.7	.1	.036	.1	.1	2.0
6223402	6253692	5	2005	53692	3692	0	21	317184	6087274	13J13	4	2	0	.29	.11	5.8	.2	.024	.1	.1	2.0
6223403	6253693	5	2005	53693	3693	0	21	315615	6089195	13J13	3	2	0	1.15	.14	5.9	.1	.050	.3	.1	1.0
6223404	6253694	5	2005	53694	3694	0	21	317673	6093084	13J13	3	2	0	.41	.11	3.8	.1	.030	.1	.1	1.0

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6223405	6253695	5	2005	53695	3695	0	21	319780	6094069	13J13	4	2	0	1.04	.34	7.2	1.5	.047	.4	.1	1.0
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6223407	6253697	5	2005	53697	3697	0	21	326710	6096336	13J13	3	6	0	.62	.12	5.0	1.3	.033	.1	.1	1.0
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6223412	6253701	5	2005	53701	3701	0	21	336960	6095210	13J13	3	2	0	.42	.05	3.5	.1	.231	.1	.1	.5
6223413	6253702	5	2005	53702	3702	0	21	339508	6095236	13J13	3	2	0	.23	.07	5.2	.1	.101	.2	.1	.5
6223414	6253703	5	2005	53703	3703	0	21	337931	6093364	13J13	3	2	0	.71	.09	4.8	.1	.058	.3	.1	1.0
6223415	6253704	5	2005	53704	3704	0	21	338267	6091938	13J13	3	2	0	.72	.07	4.8	.1	.102	.1	.1	.5
6223416	6253705	5	2005	53705	3705	0	21	336898	6089332	13J13	3	2	0	1.06	.11	6.5	.1	.120	.1	.1	.5
6223417	6253706	5	2005	53706	3706	0	21	331804	6088391	13J13	2	5	0	.11	.09	2.5	.1	.073	.1	.1	.5
6223418	6253707	5	2005	53707	3707	0	21	331728	6083544	13J13	3	7	0	.69	.20	5.8	1.0	.130	.6	.2	1.0
6223419	6253708	5	2005	53708	3708	0	21	333737	6082809	13J13	3	2	0	.95	.09	5.4	.1	.115	.2	.1	.5
6223421	6253709	5	2005	53709	3709	0	21	331117	6080264	13J13	2	2	0	.62	.07	4.7	.1	.137	.3	.1	.5
6223422	6253710	5	2005	53710	3710	0	21	334924	6080589	13J13	3	2	0	.50	.04	3.9	.1	.070	.1	.1	2.0
6223423	6253711	5	2005	53711	3711	0	21	338880	6079165	13J13	2	2	0	1.04	.09	5.9	.1	.245	.2	.2	1.0
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6223425	6253713	5	2005	53713	3713	0	21	335666	6078494	13J13	3	2	0	.48	.09	6.1	.1	.150	.1	.1	.5
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6223497	6223778	2	2005	23778	3778	0	21	343312	6053111	13J11	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!
6223498	6223779	2	2005	23779	3779	0	21	345625	6053577	13J11	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!	#NULL!
6223499	6253780	5	2005	53780	3780	0	21	333658	6077777	13J13	2	6	0	.30	.16	5.6	.1	.101	.1	.1	.5
6223501	6253781	5	2005	53781	3781	0	21	332065	6077595	13J13	3	2	0	.35	.07	5.0	.1	.156	.1	.1	.5
6223502	6253782	5	2005	53782	3782	0	21	332654	6076584	13J13	3	2	0	.60	.11	5.5	.2	.202	.3	.1	2.0
6223503	6253783	5	2005	53783	3783	0	21	335886	6075591	13J13	2	2	0	.50	.05	4.1	.1	.189	.3	.1	1.0
6223504	6253784	5	2005	53784	3784	0	21	333802	6075414	13J13	2	2	0	.56	.05	4.3	.1	.171	.1	.1	.5
6223505	6253785	5	2005	53785	3785	1	21	330347	6075471	13J13	2	2	0	.70	.06	4.6	.1	.138	.1	.1	1.0
6223506	6253786	5	2005	53786	3786	2	21	330347	6075471	13J13	2	2	0	.65	.06	4.6	.1	.135	.1	.1	.5
6223507	6253787	5	2005	53787	3787	0	21	331911	6073307	13J13	2	2	0	.41	.08	3.4	.1	.056	.1	.1	1.0
6223508	6253788	5	2005	53788	3788	0	21	333692	6072912	13J13	2	2	0	.33	.14	5.0	.1	.187	.3	.1	3.0
6223509	6253789	5	2005	53789	3789	0	21	335107	6072954	13J13	2	2	0	.41	.04	4.1	.1	.167	.3	.1	3.0
6223511	6253790	5	2005	53790	3790	0	21	334512	6072218	13J13	2	2	0	.30	.10	4.5	.1	.182	.3	.1	1.0
6223512	6253791	5	2005	53791	3791	0	21	337785	6071141	13J13	3	2	0	1.20	.02	4.1	.4	.198	.4	.4	2.0
6223513	6253792	5	2005	53792	3792	0	21	337957	6073119	13J13	1	2	0	.15	.03	2.1	.1	.058	.1	.1	.5
6223514	6253793	5	2005	53793	3793	0	21	325171	6083036	13J13	2	2	0	.37	.04	5.7	.6	.290	.3	.1	2.0
6223515	6253794	5	2005	53794	3794	0	21	326582	6083950	13J13	2	2	0	.68	.04	3.2	.1	.058	.1	.1	.5
6223516	6253795	5	2005	53795	3795	0	21	325044	6084265	13J13	2	2	0	.28	.11	5.2	.1	.068	.2	.1	.5
6223517	6253796	5	2005	53796	3796	0	21	347865	6055514	13J11	1	2	0	1.14	.06	4.4	.1	.092	.2	.1	1.0
6223518	6253797	5	2005	53797	3797	0	21	343609	6050759	13J11	2	2	0	.41	.13	5.8	.1	.058	.1	.1	3.0
6223519	6253798	5	2005	53798	3798	0	21	346054	6051331	13J11	2	2	0	1.30	.15	9.8	.1	.036	.4	.1	.5
6223521	6253799	5	2005	53799	3799	0	21	348305	6053030	13J11	3	7	0	.87	.19	8.3	1.6	.087	.5	.1	1.0
6223522	6253800	5	2005	53800	3800	0	21	350650	6052162	13J11	2	8	0	.11	.15	5.1	.6	.143	.7	.2	1.0
6223523	6253801	5	2005	53801	3801	0	21	355425	6053316	13J11	2	6	0	.08	.06	2.4	.1	.119	.4	.1	.5
6223524	6253802	5	2005	53802	3802	0	21	355347	6052692	13J11	2	6	0	.12	.04	3.0	.1	.082	.1	.1	.5
6223525	6253803	5	2005	53803	3803	0	21	356342	6050220	13J11	2	2	0	1.97	.09	7.1	.1	.090	.2	.1	.5
6223526	6253804	5	2005	53804	3804	0	21	361208	6053056	13J11	2	5	0	.09	.08	4.7	.2	.076	.3	.1	.5
6223527	6253805	5	2005	53805	3805	1	21	362355	6053650	13J11	2	2	0	.34	.09	5.5	.1	.037	.1	.1	3.0
6223528	6253806	5	2005	53806	3806	2	21	362355	6053650	13J11	2	6	0	.35	.08	5.4	.1	.056	.1	.1	.5
6223529	6253807	5	2005	53807	3807	0	21	364240	6055037	13J11	2	8	0	.22	.06	3.9	.1	.328	.1	.1	2.0
6223531	6253808	5	2005	53808	3808	0	21	370474	6053819	13J11	2	10	0	.24	.09	5.8	.1	.090	.3	.1	.5
6223532	6253809	5	2005	53809	3809	0	21	370550	6047272	13J11	2	2	0	.77	.03	5.6	.1	.102	.5	.1	.5
6223533	6253810	5	2005	53810	3810	0	21	370377	6045405	13J11	2	2	0	.64	.07	8.1	.1	.099	.4	.1	4.0
6223534	6253811	5	2005	53811	3811	0	21	363002	6046614	13J11	2	8	0	.51	.06	6.8	.1	.058	.3	.1	1.0
6223535	6253812	5	2005	53812	3812	0	21	362209	6045456	13J11	2	11	0	.23	.07	4.5	.1	.062	.1	.1	2.0
6223536	6253813	5	2005	53813	3813	0	21	361758	6044300	13J11	2	2	0	.20	.07	5.5	.1	.027	.3	.1	.5
6223537	6253814	5	2005	53814	3814	0	21	358342	6043432	13J11	2	2	0	.30	.05	4.9	.1	.025	.1	.1	.5
6223538	6253815	5	2005	53815	3815	0	21	357040	6044525	13J11	2	2	0	1.22	.09	9.3	.1	.085	.1	.1	1.0
6223539	6253816	5	2005	53816	3816	0	21	349858	6047954	13J11	2	7	0	.46	.05	5.2	1.1	.070	.1	.1	.5
6223541	6253817	5	2005	53817	3817	0	21	347726	6043680	13J11	2	7	0	.74	.07	7.3	.7	.122	.3	.1	.5
6223542	6253818	5	2005	53818	3818	0	21	343559	6044664	13J11	2	2	0	.69	.14	8.0	.1	.032	.2	.1	.5

APPENDIX 2

Figures 35-101. Plots of Sediment and Water Data

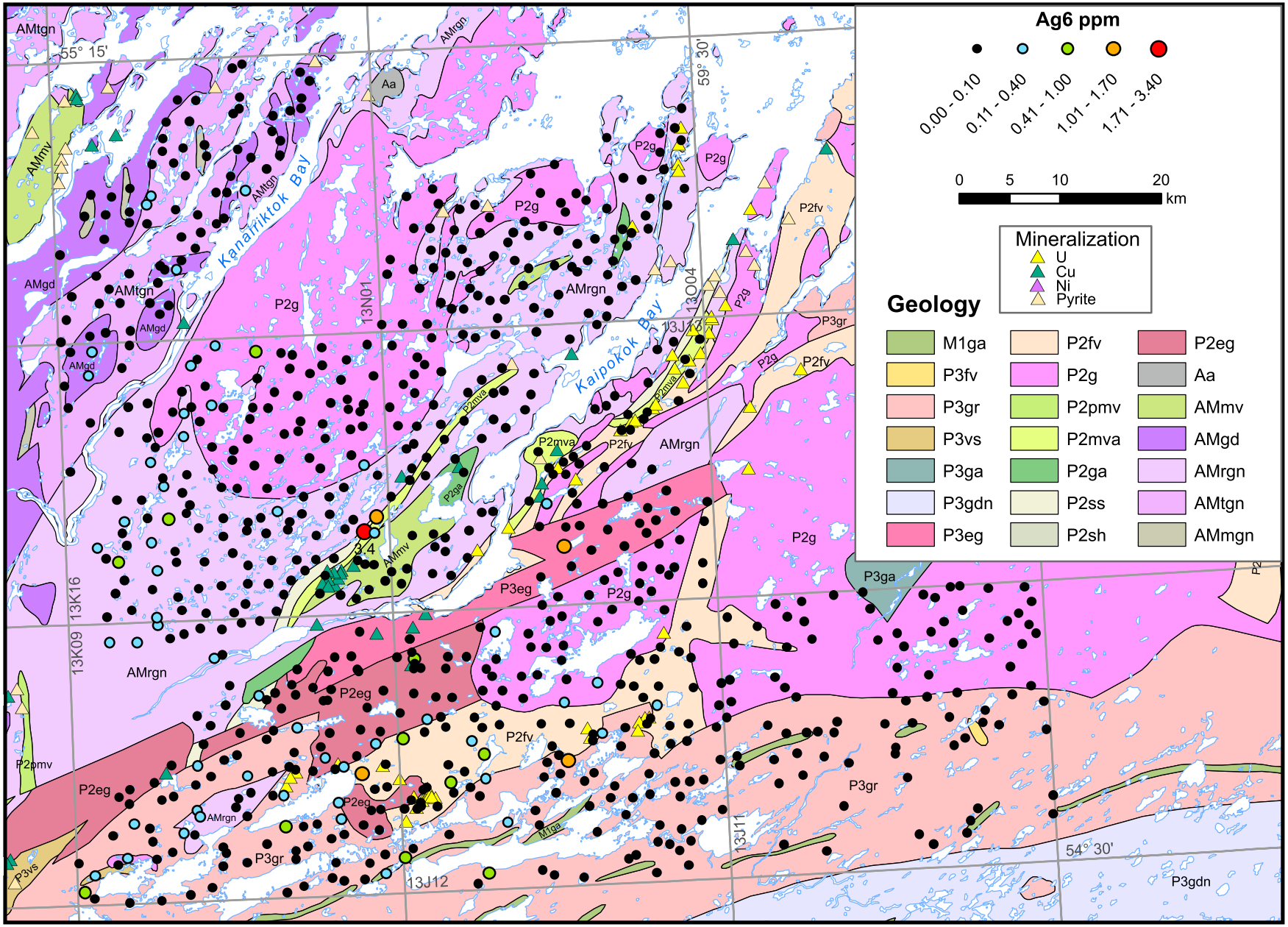

Figure 35. *Silver (Ag6) in lake sediment.*

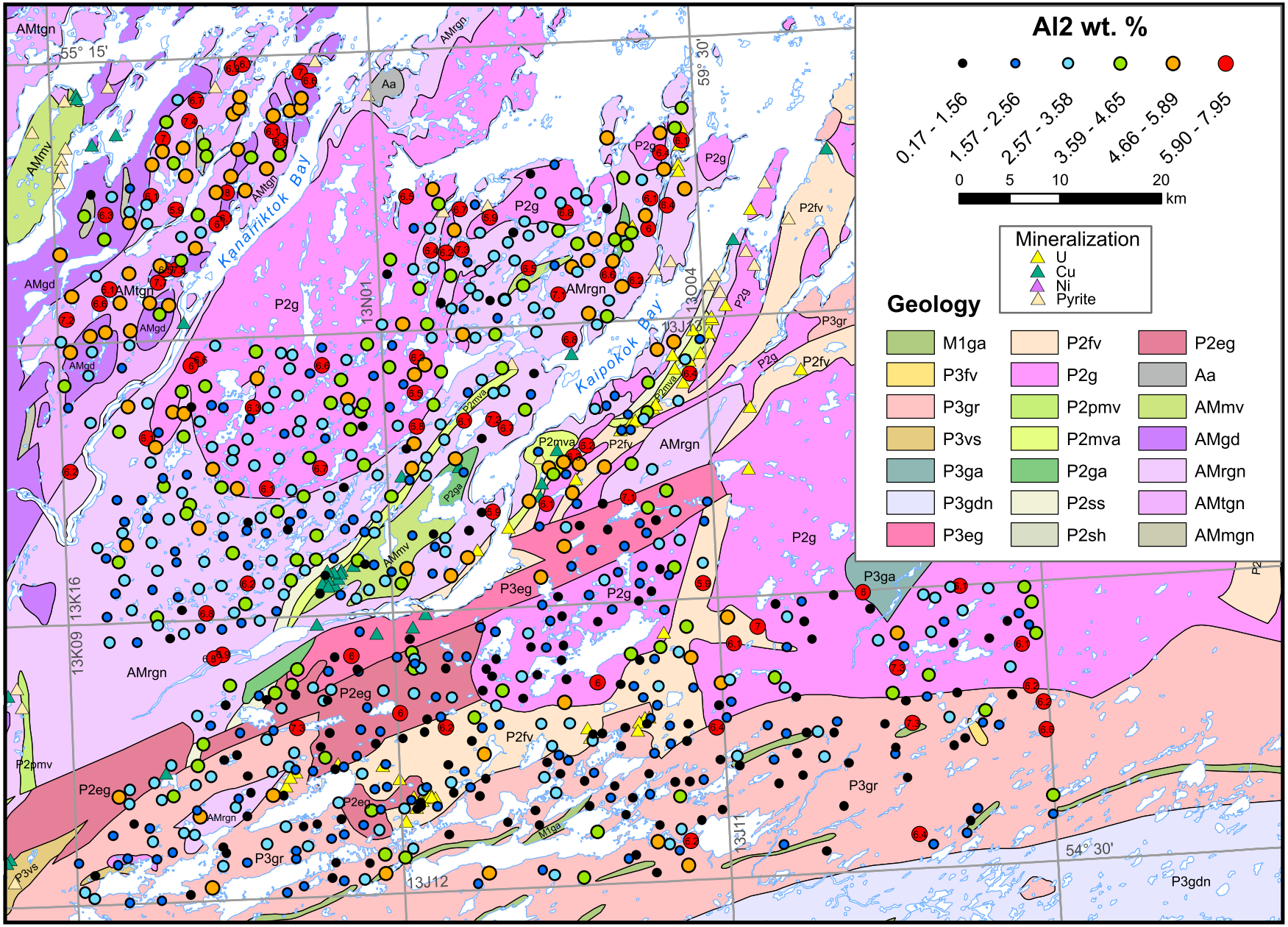

Figure 36. *Aluminum (Al2) in lake sediment.*

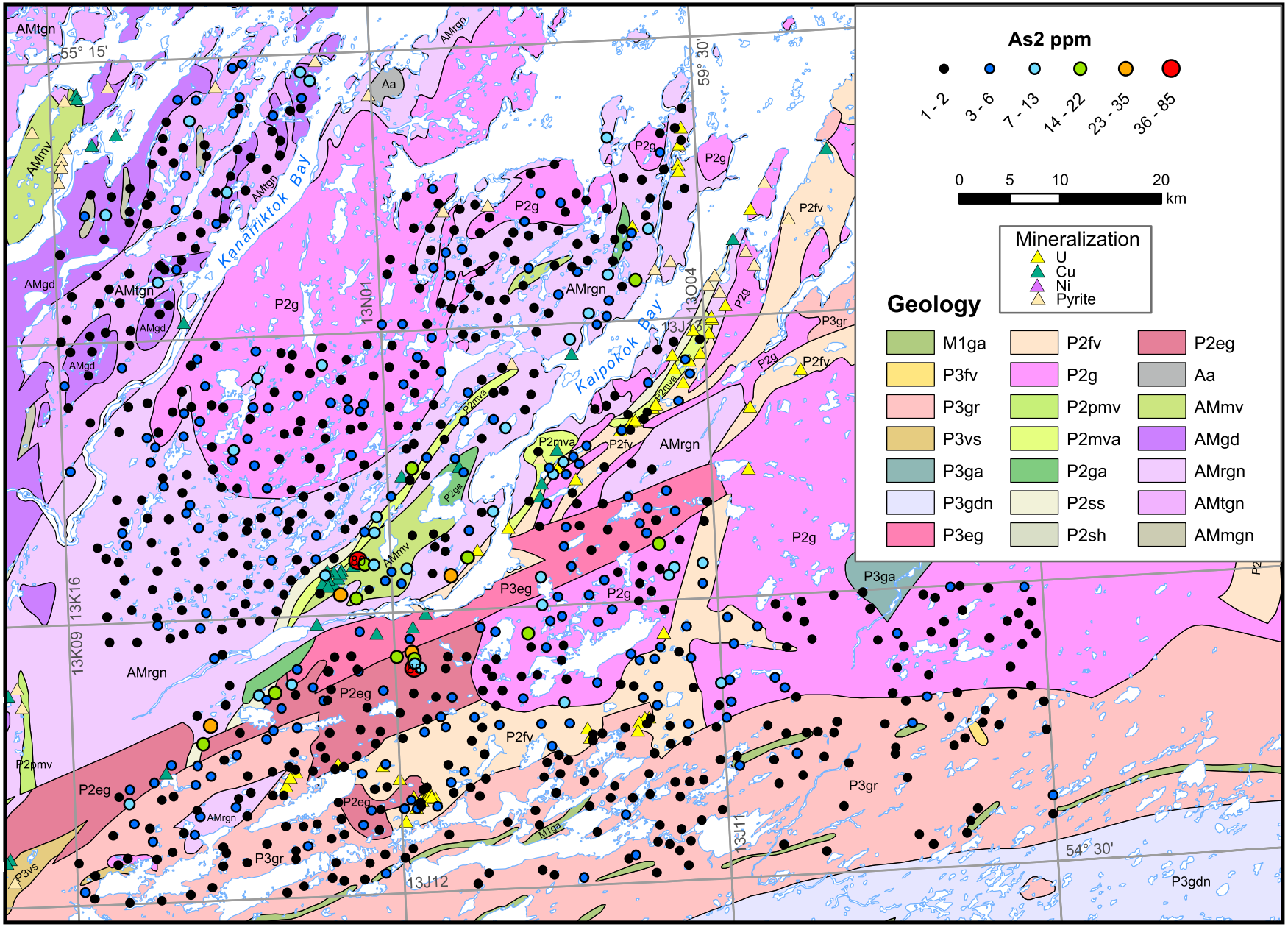

Figure 37. *Arsenic (As2) in lake sediment.*

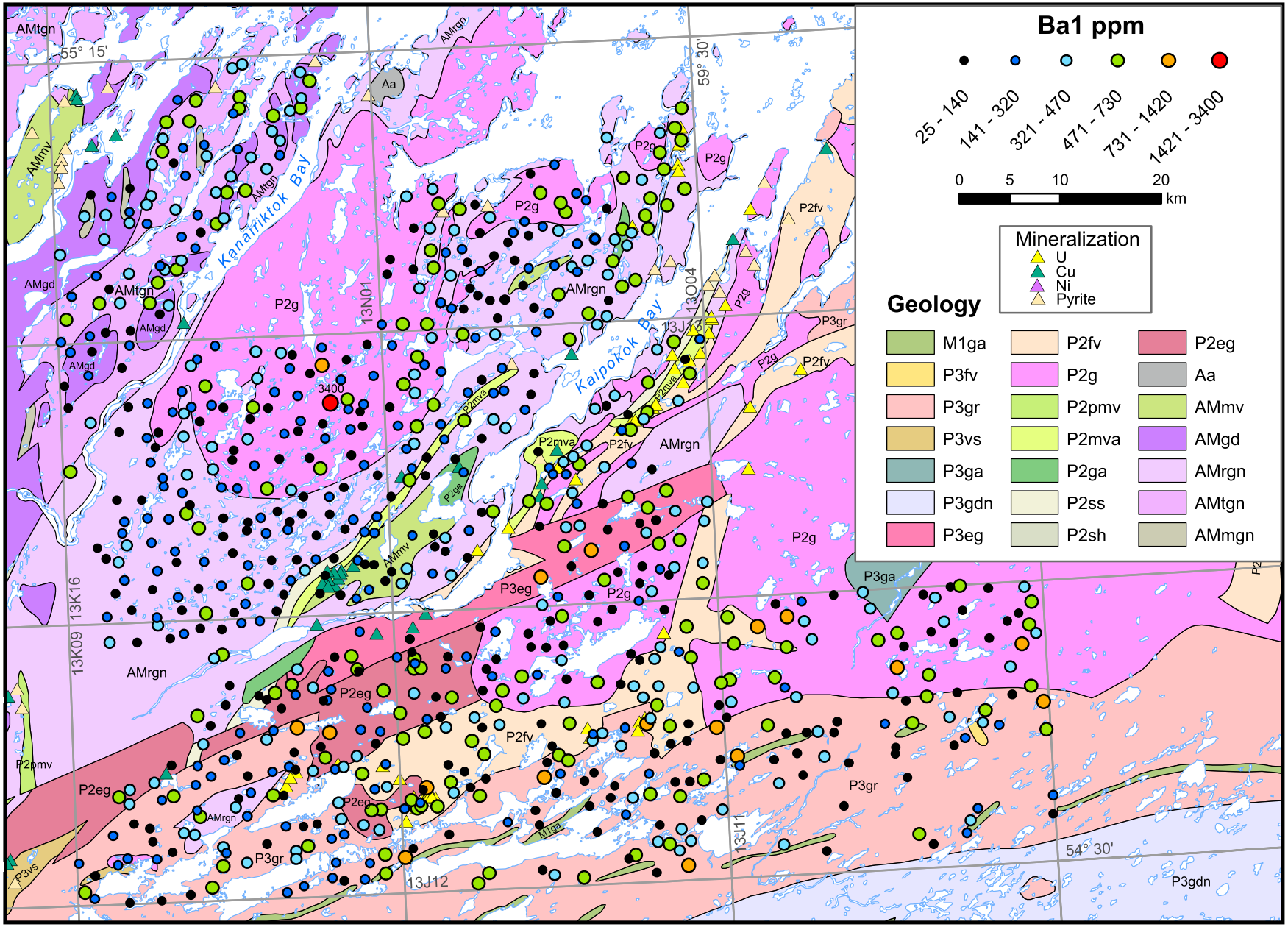

Figure 38. *Barium (Ba1) in lake sediment.*

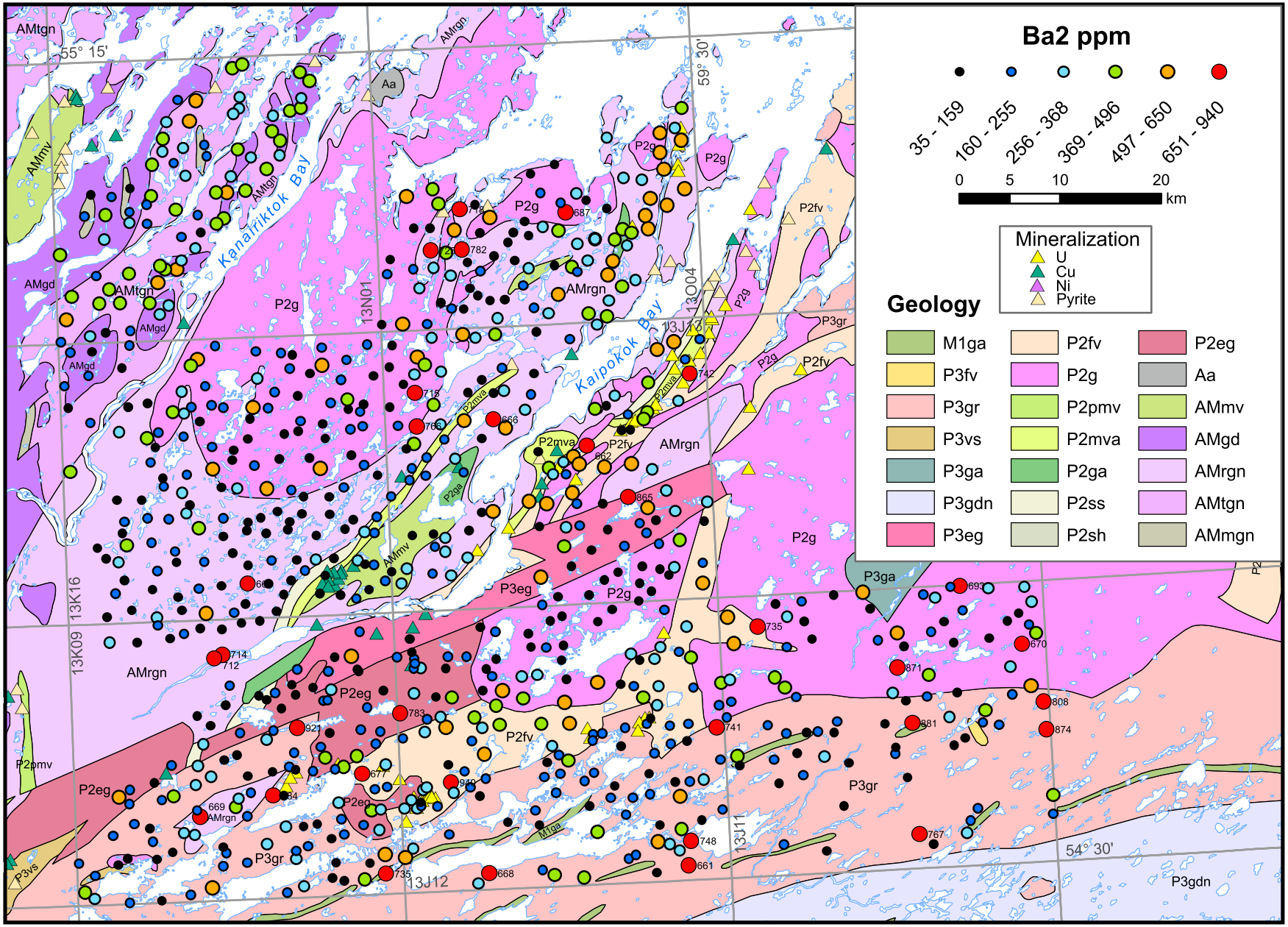

Figure 39. *Barium (Ba2) in lake sediment.*

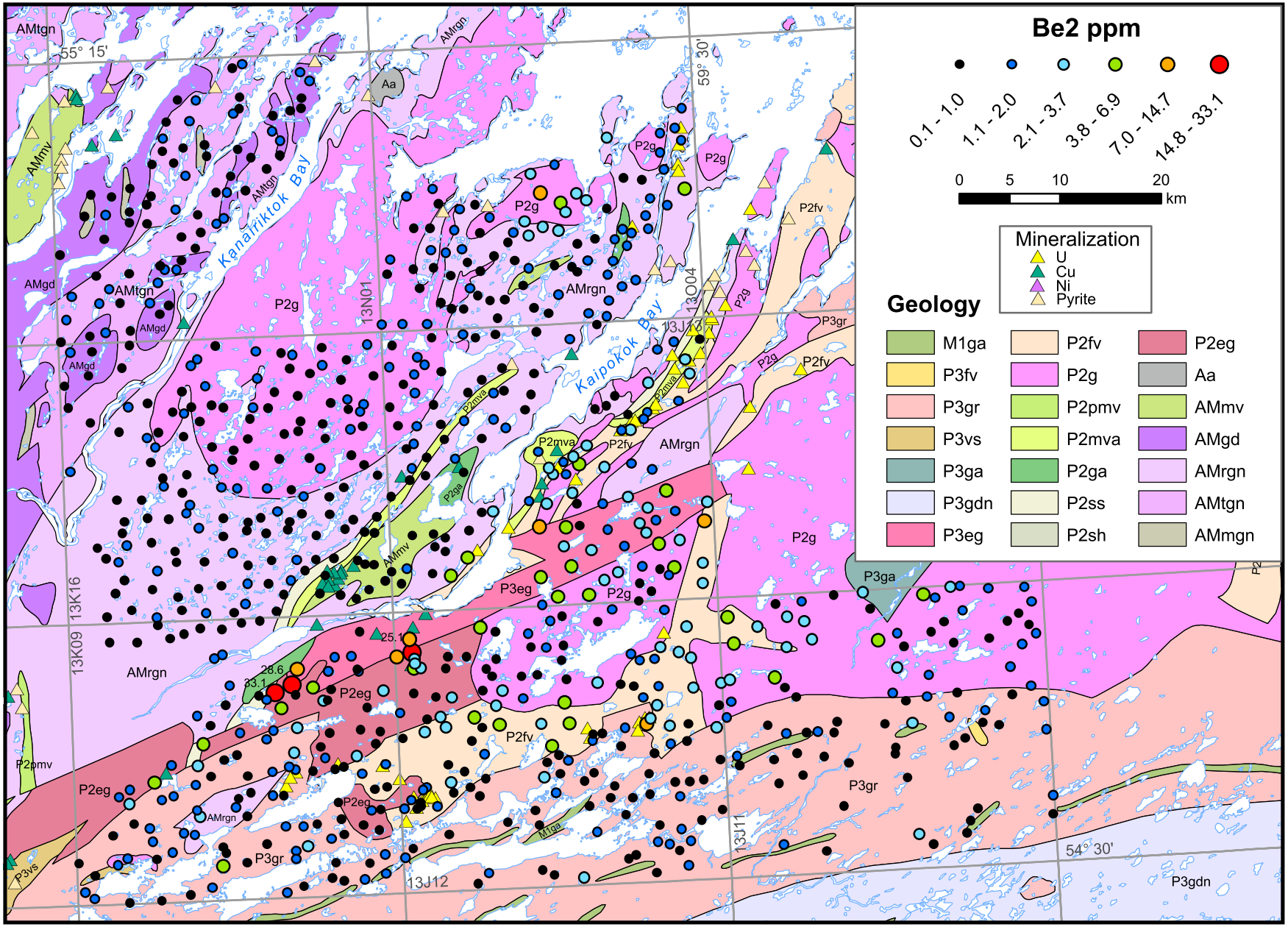

Figure 40. *Berylium (Be2) in lake sediment.*

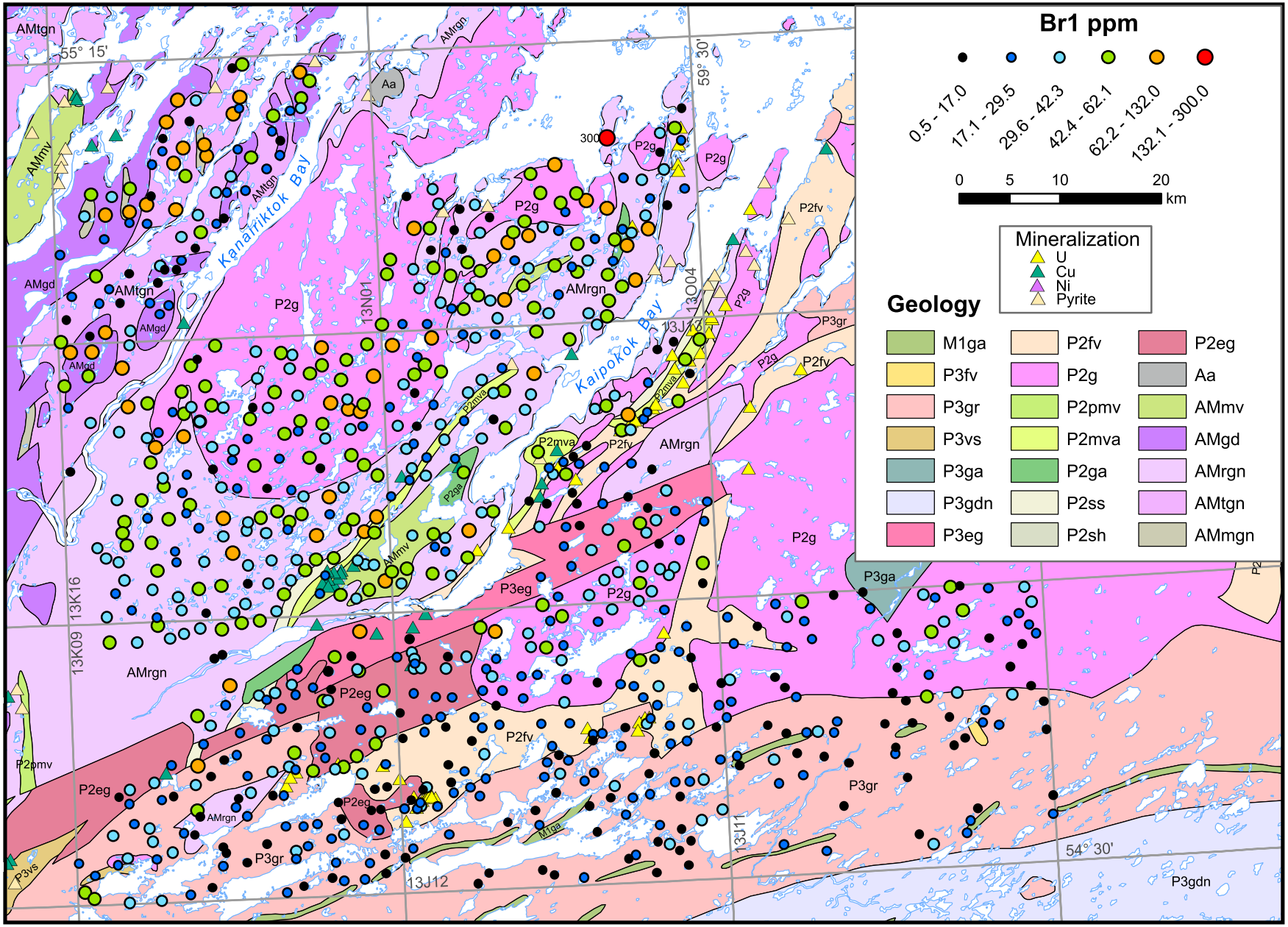

Figure 41. *Bromine (Br1) in lake sediment.*

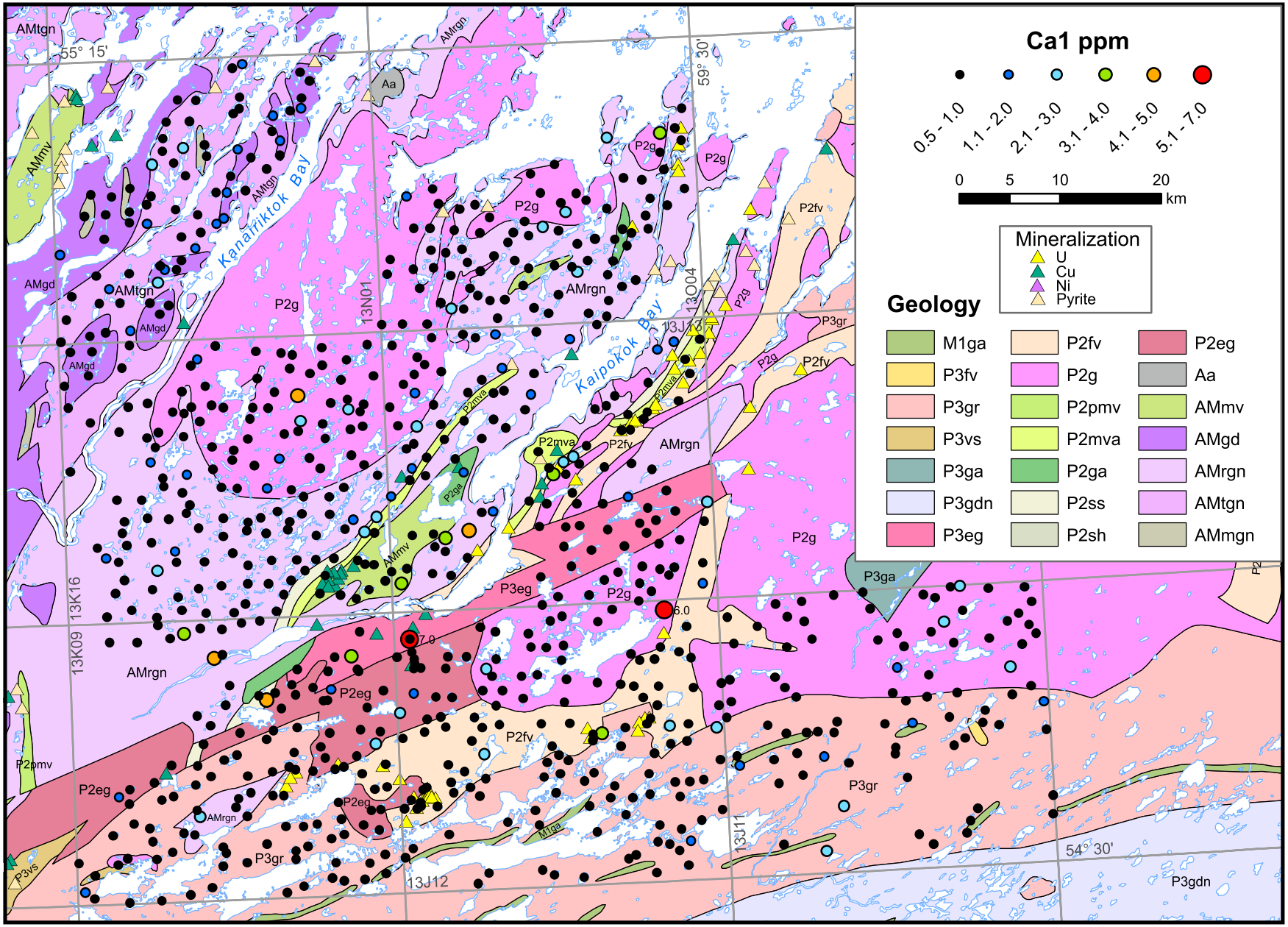

Figure 42. *Calcium (Ca1) in lake sediment.*

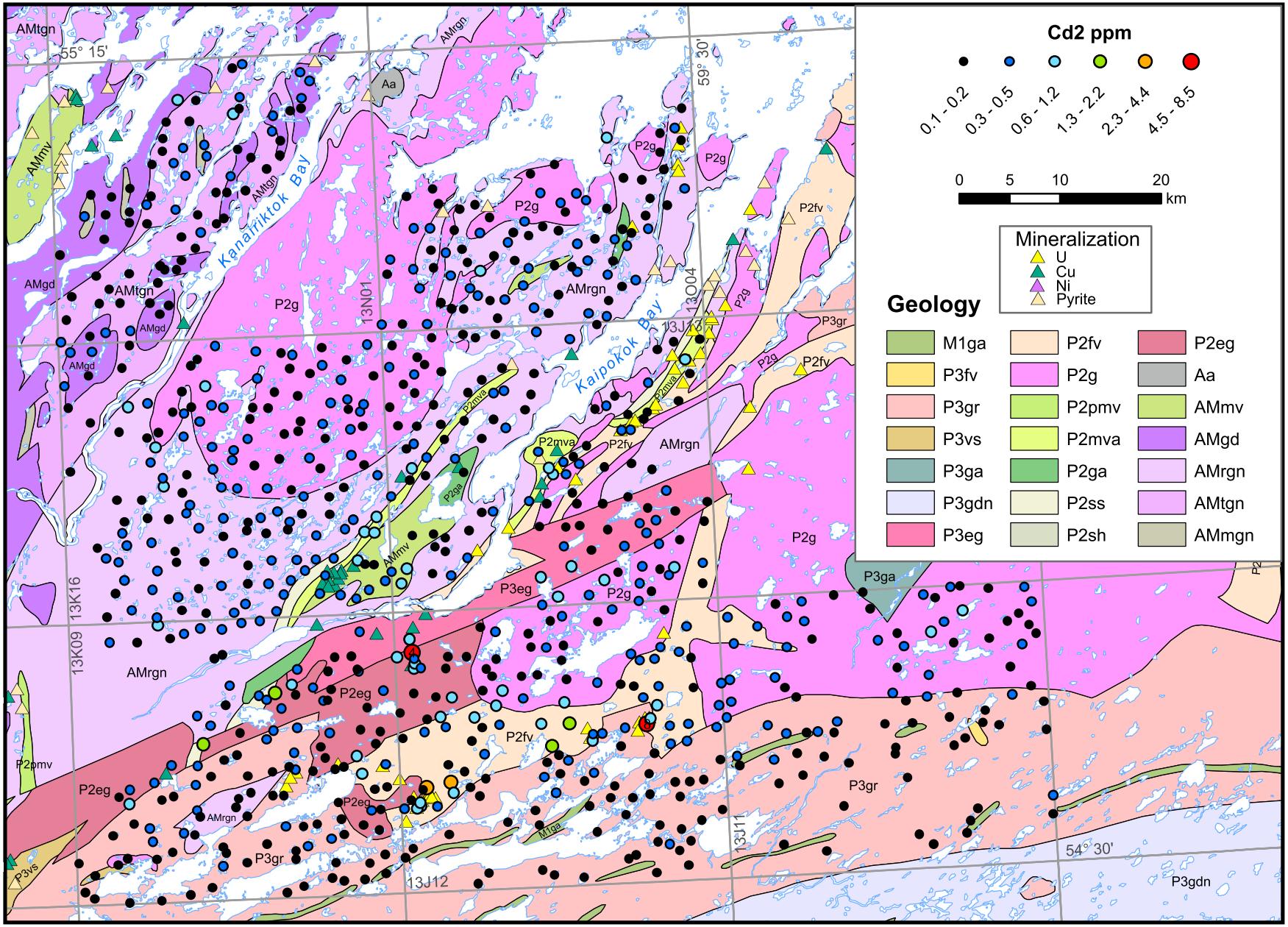

Figure 43. *Cadmium (Cd2) in lake sediment.*

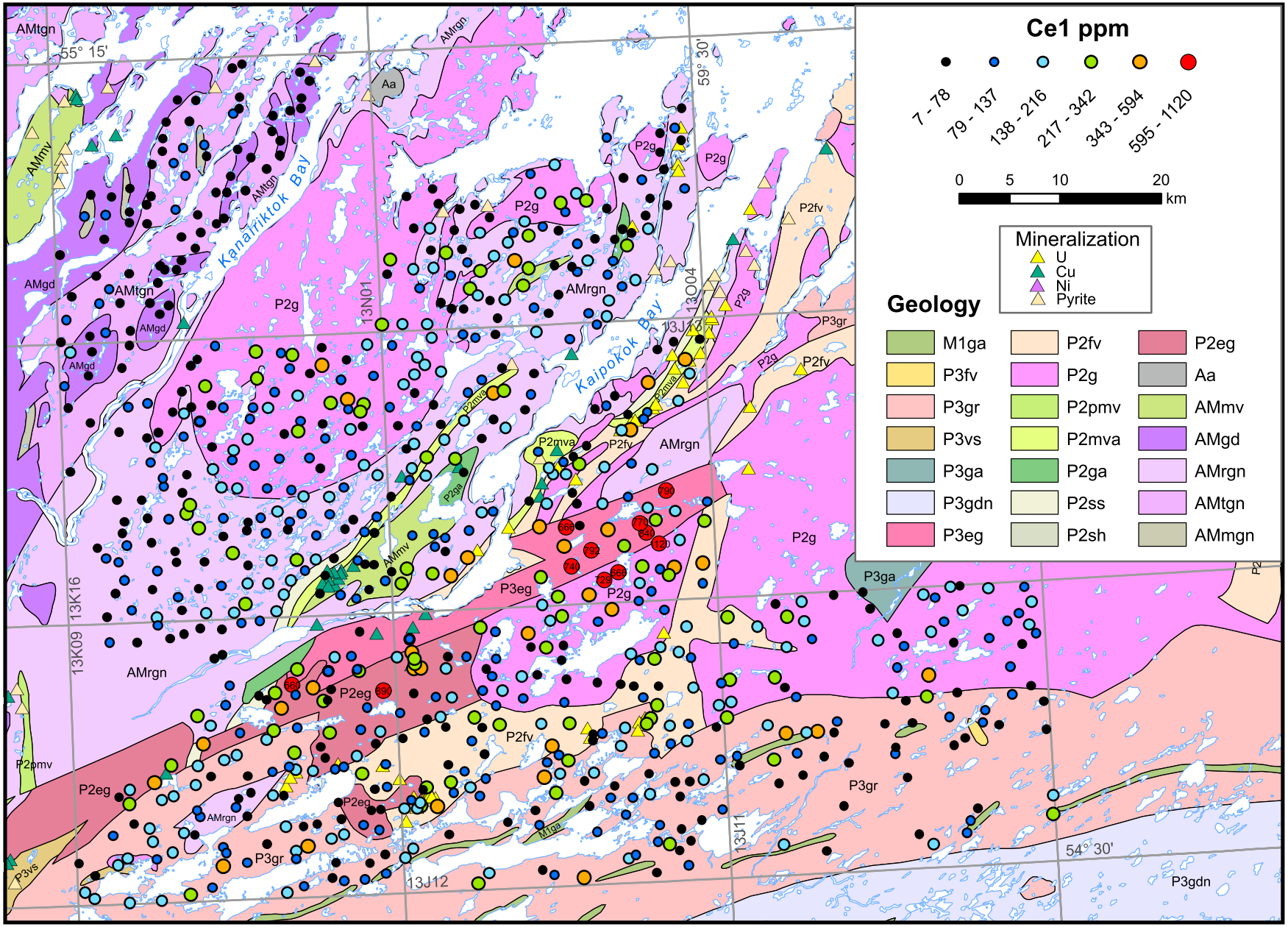

Figure 44. *Cerium (Ce1) in lake sediment.*

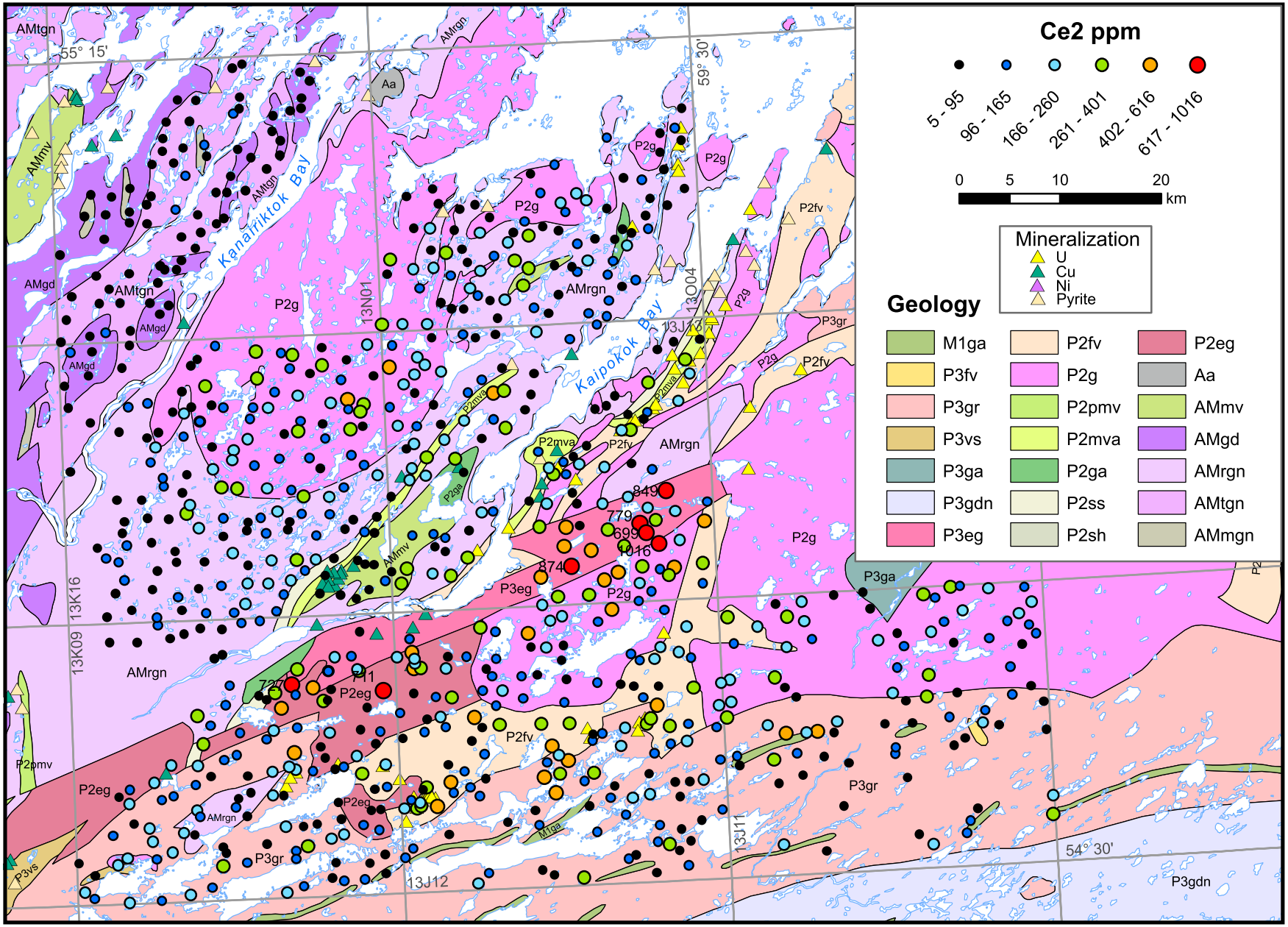

Figure 45. *Cerium (Ce2) in lake sediment.*

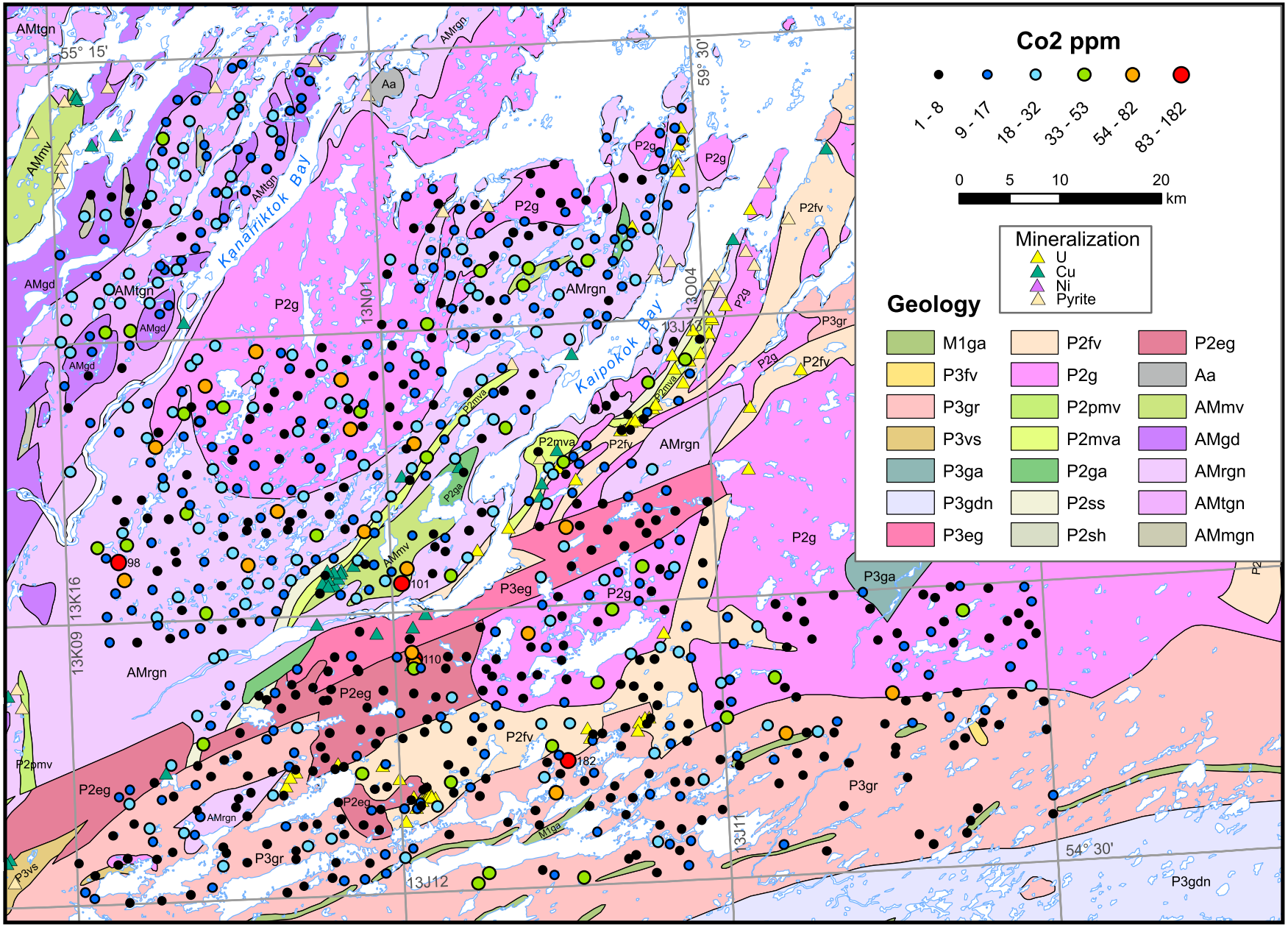

Figure 46. *Cobalt (Co2) in lake sediment.*

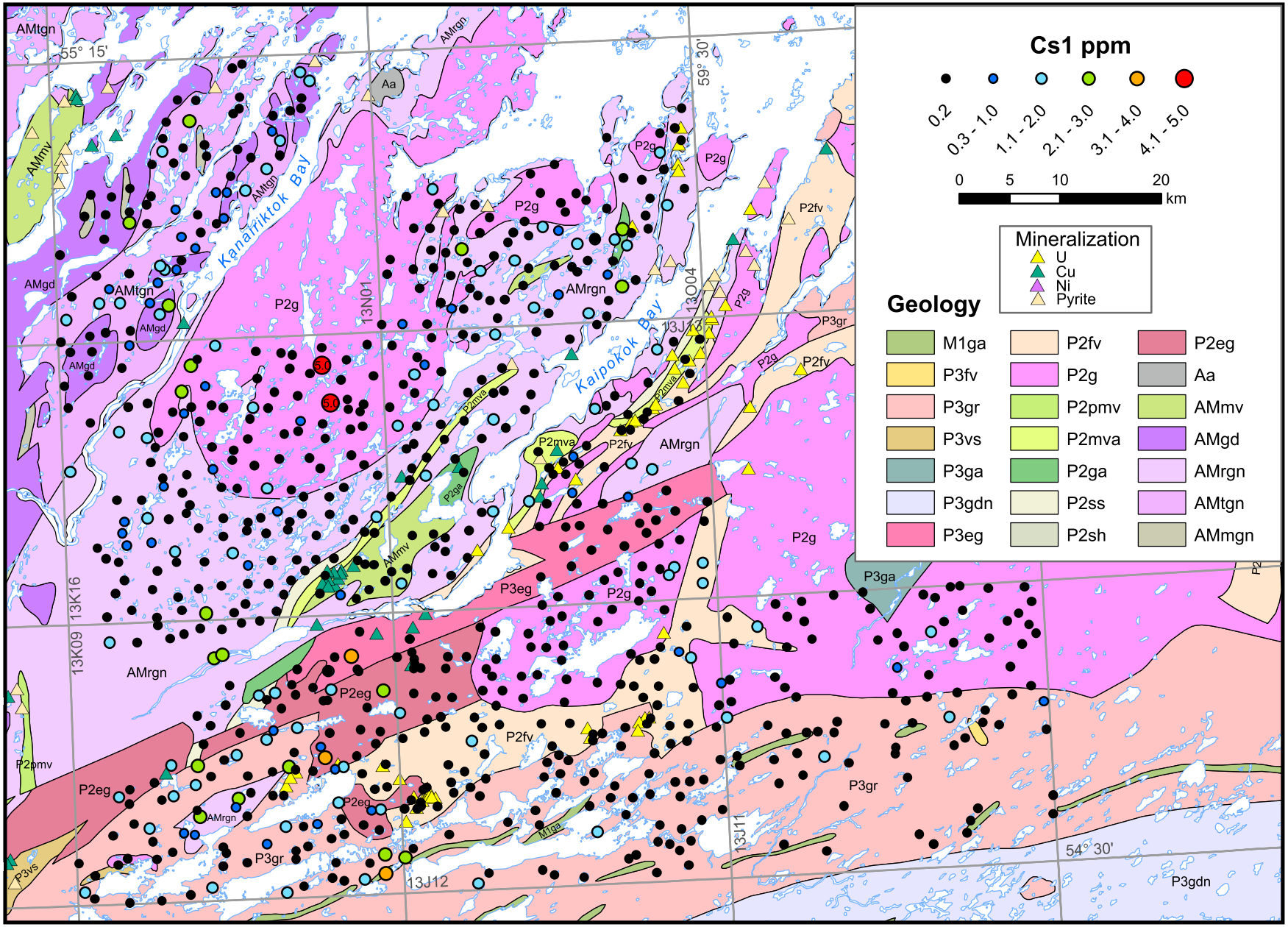

Figure 47. *Cesium (Cs1) in lake sediment.*

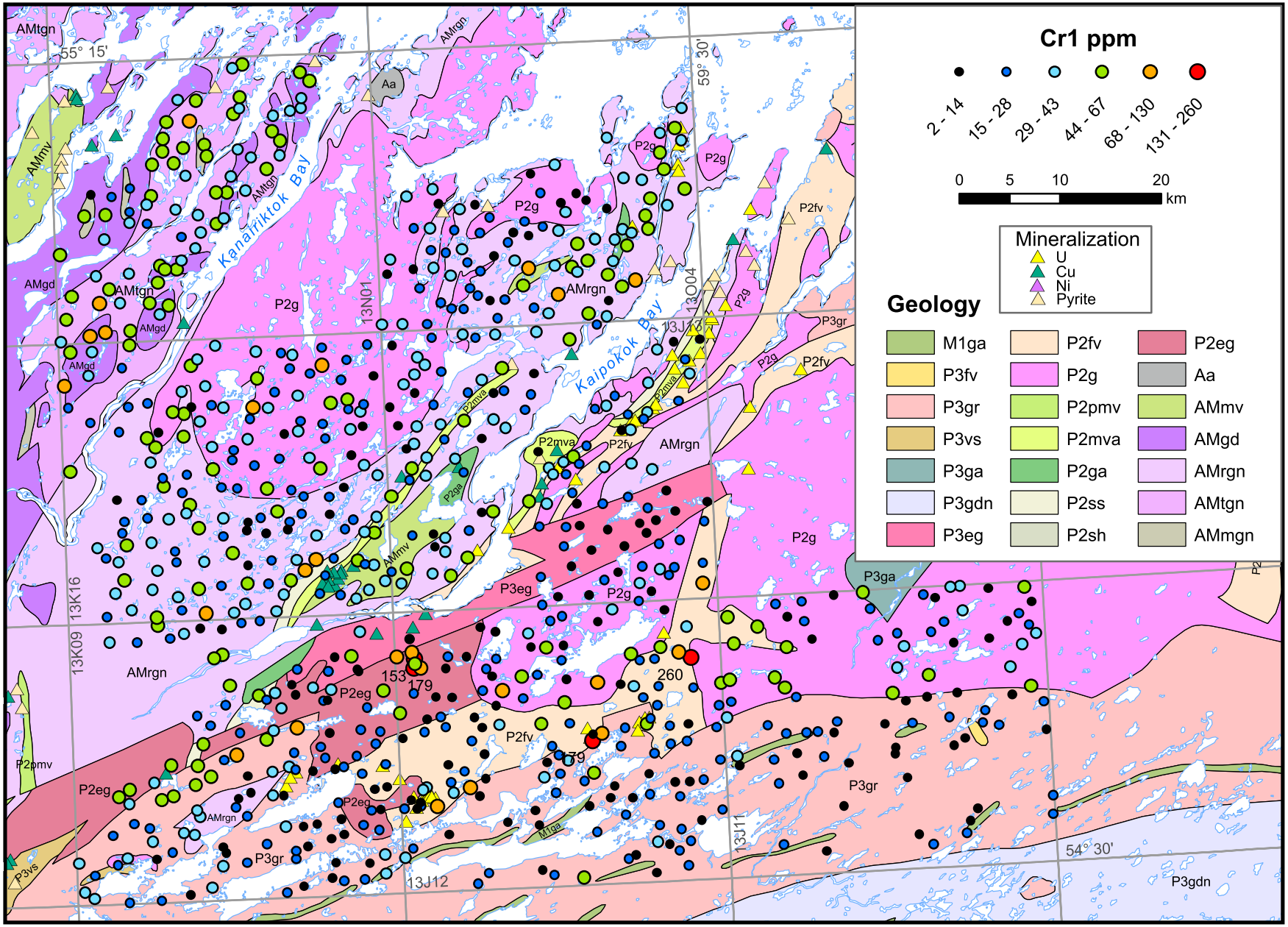

Figure 48. *Chromium (Cr1) in lake sediment.*

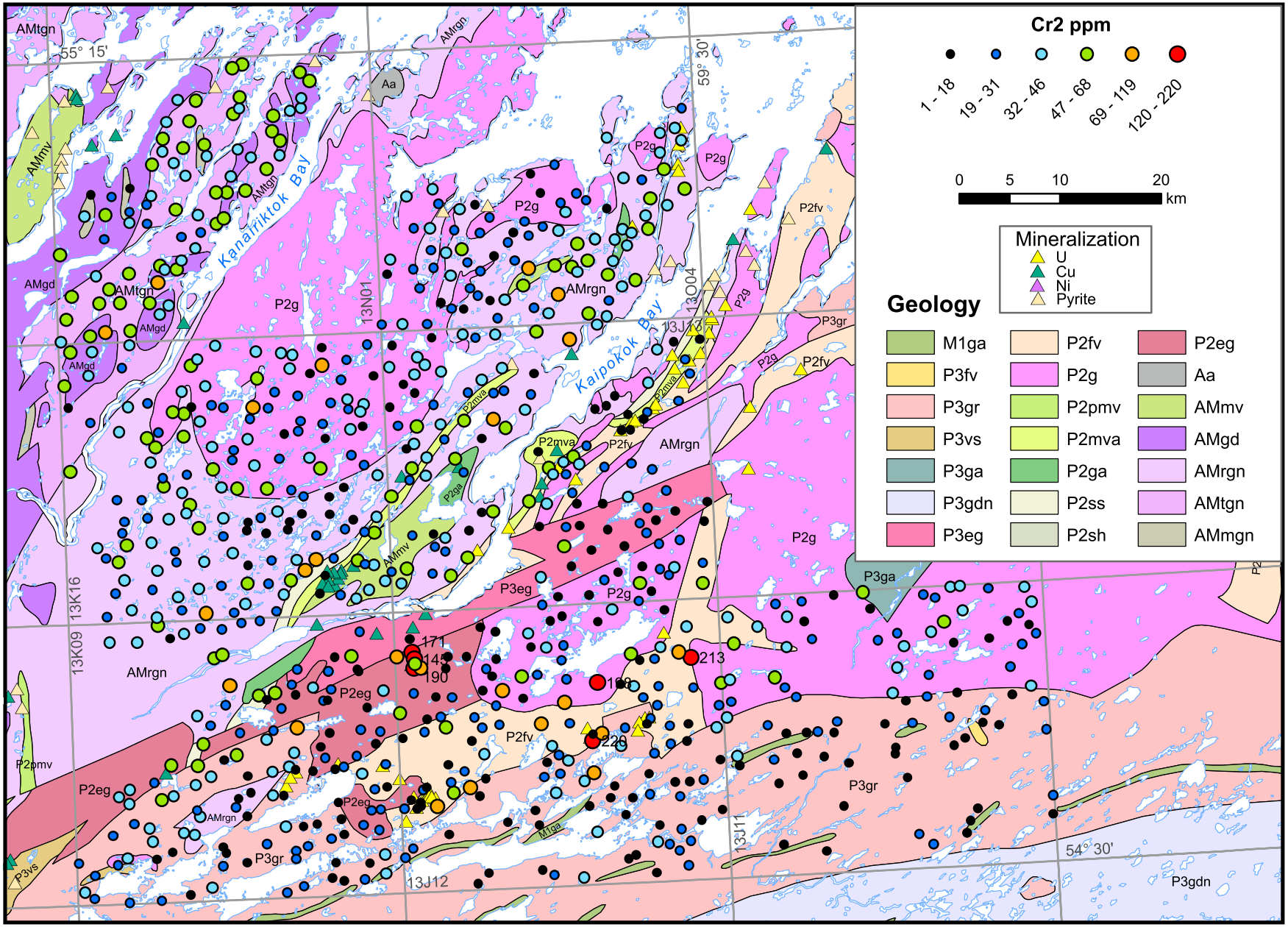

Figure 49. *Chromium (Cr2) in lake sediment.*

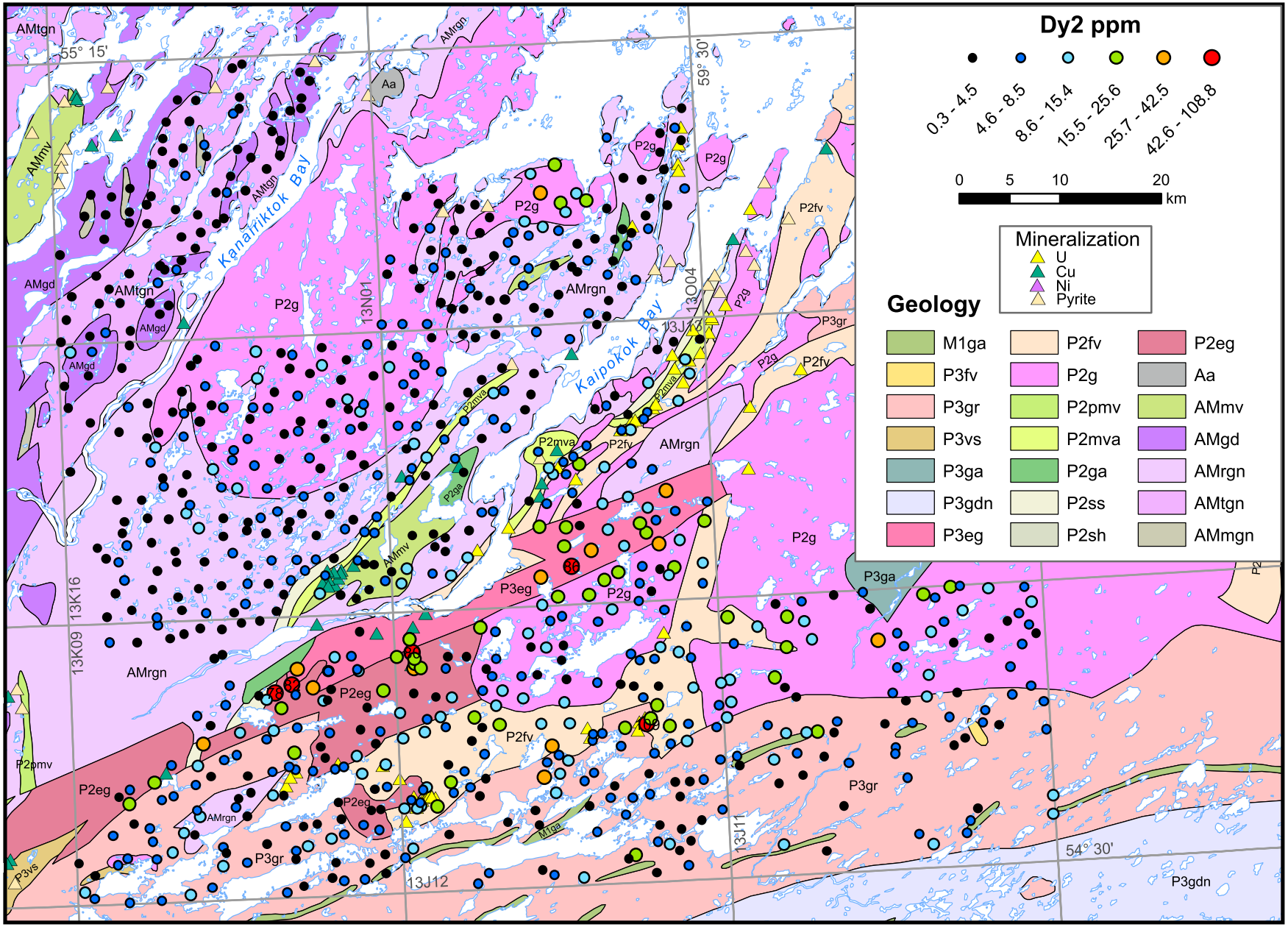

Figure 50. *Dyspropium (Dy2) in lake sediment.*

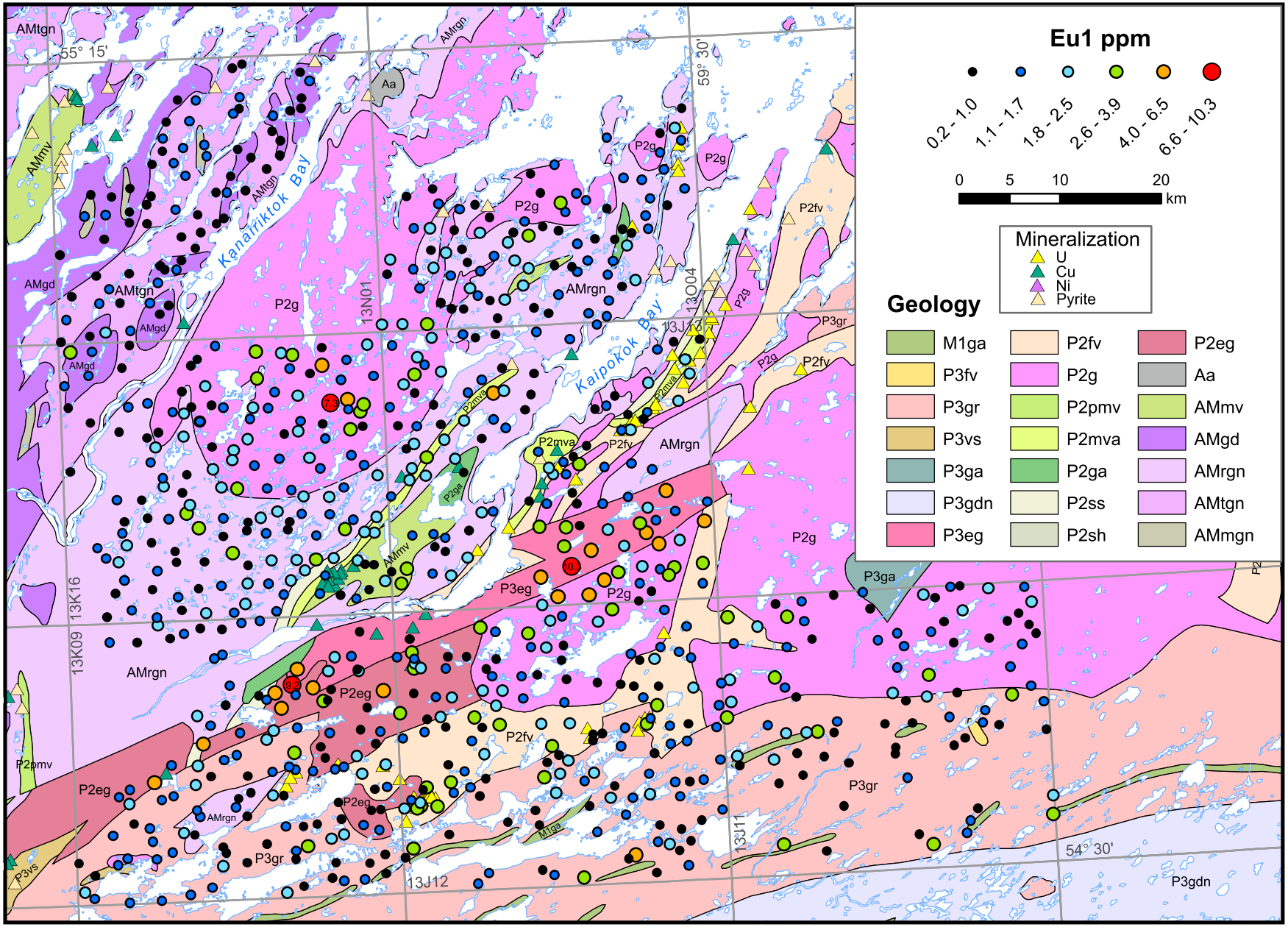

Figure 51. *Europium (Eu1) in lake sediment.*

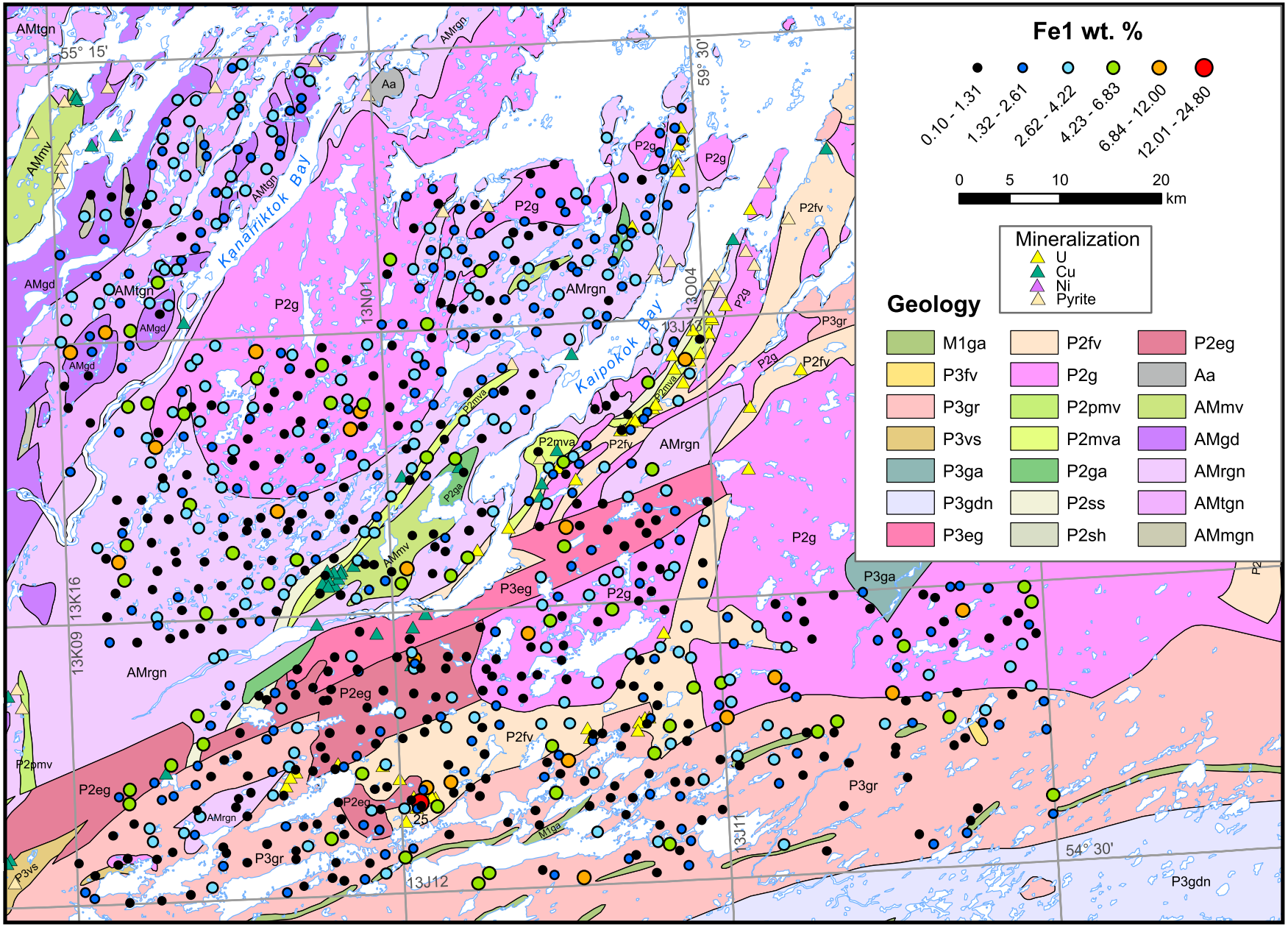

Figure 52. *Iron (Fe1) in lake sediment.*

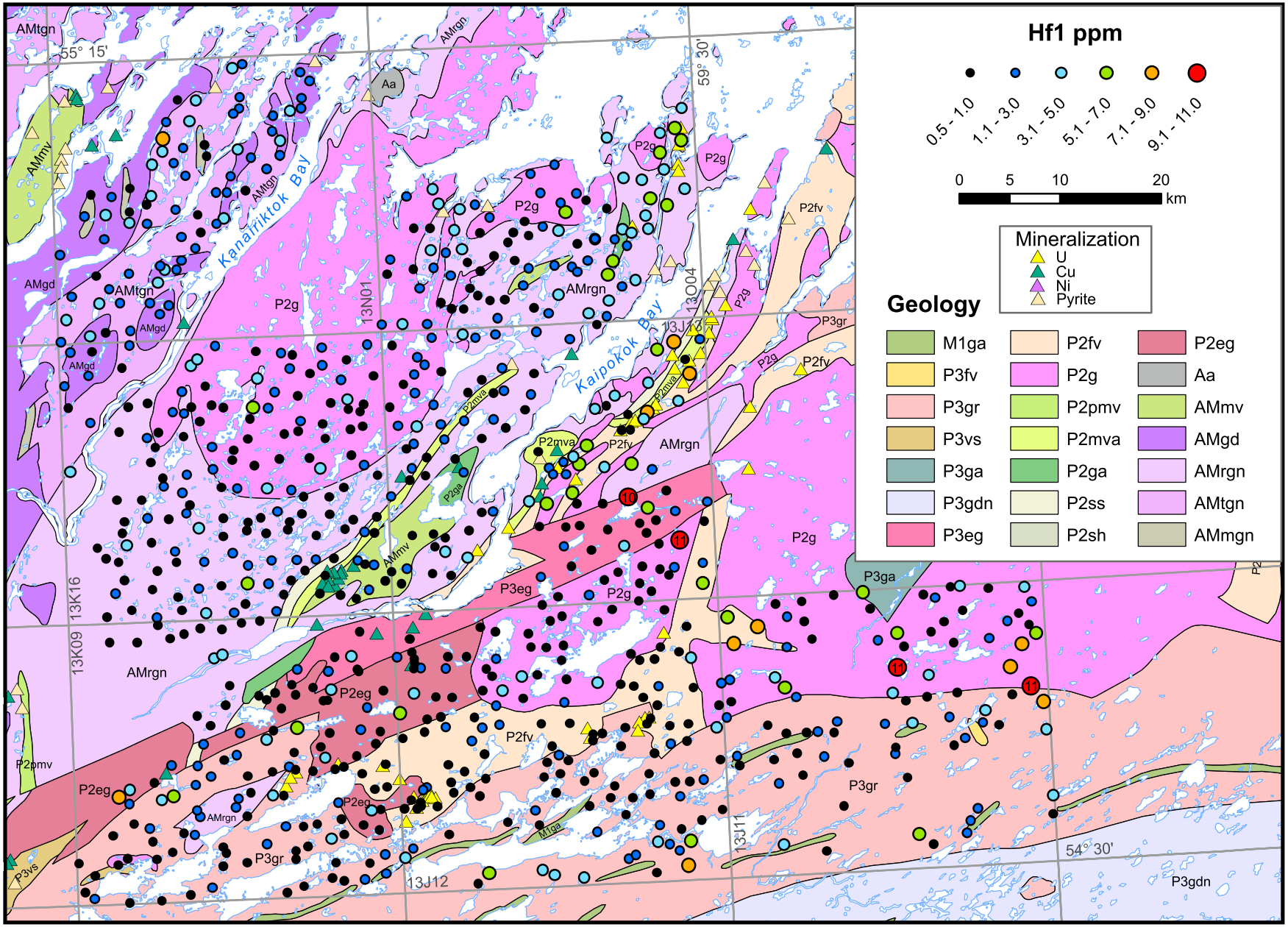

Figure 53. *Hafnium (Hf1) in lake sediment.*

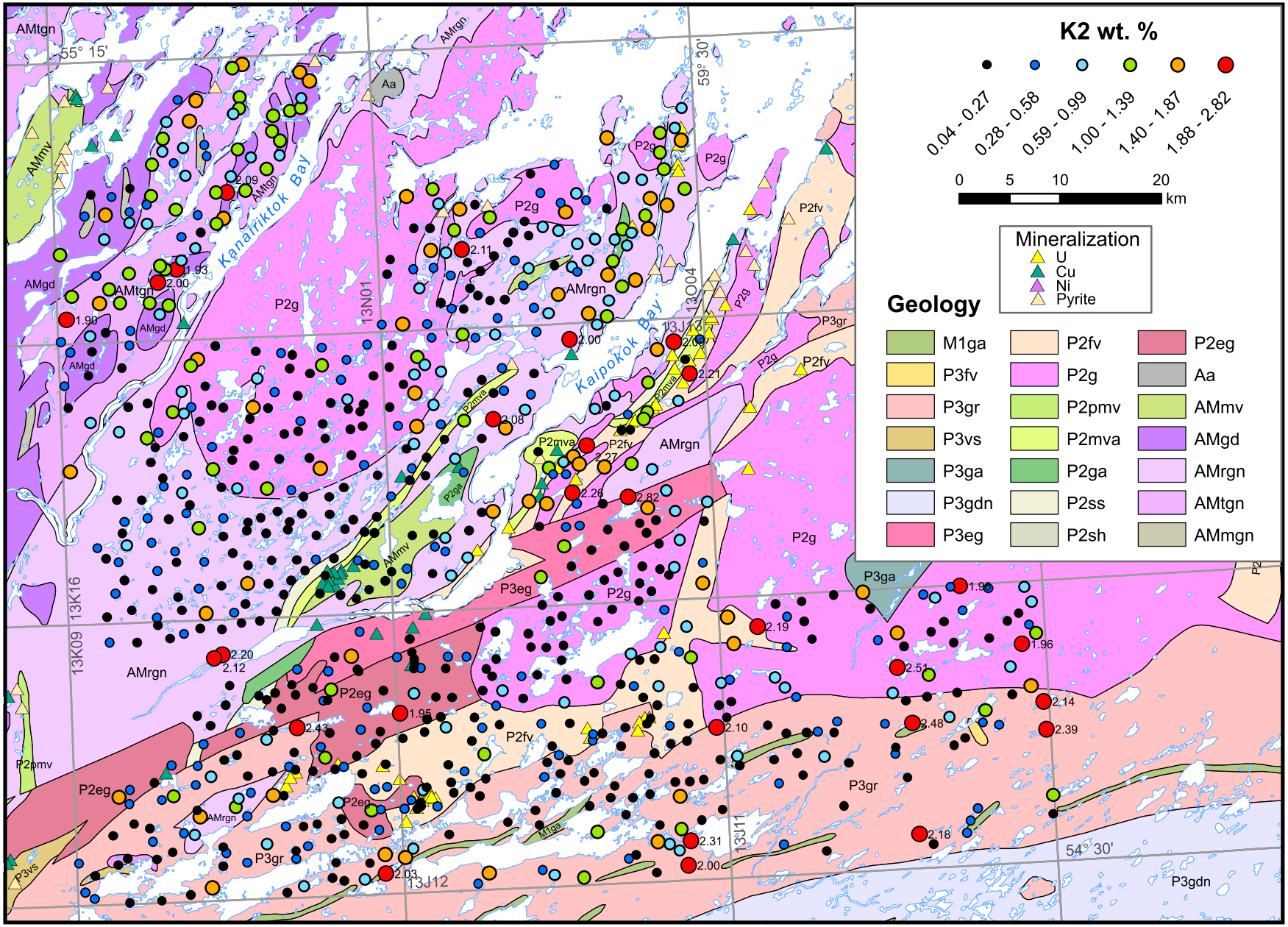

Figure 54. *Potassium (K2) in lake sediment.*

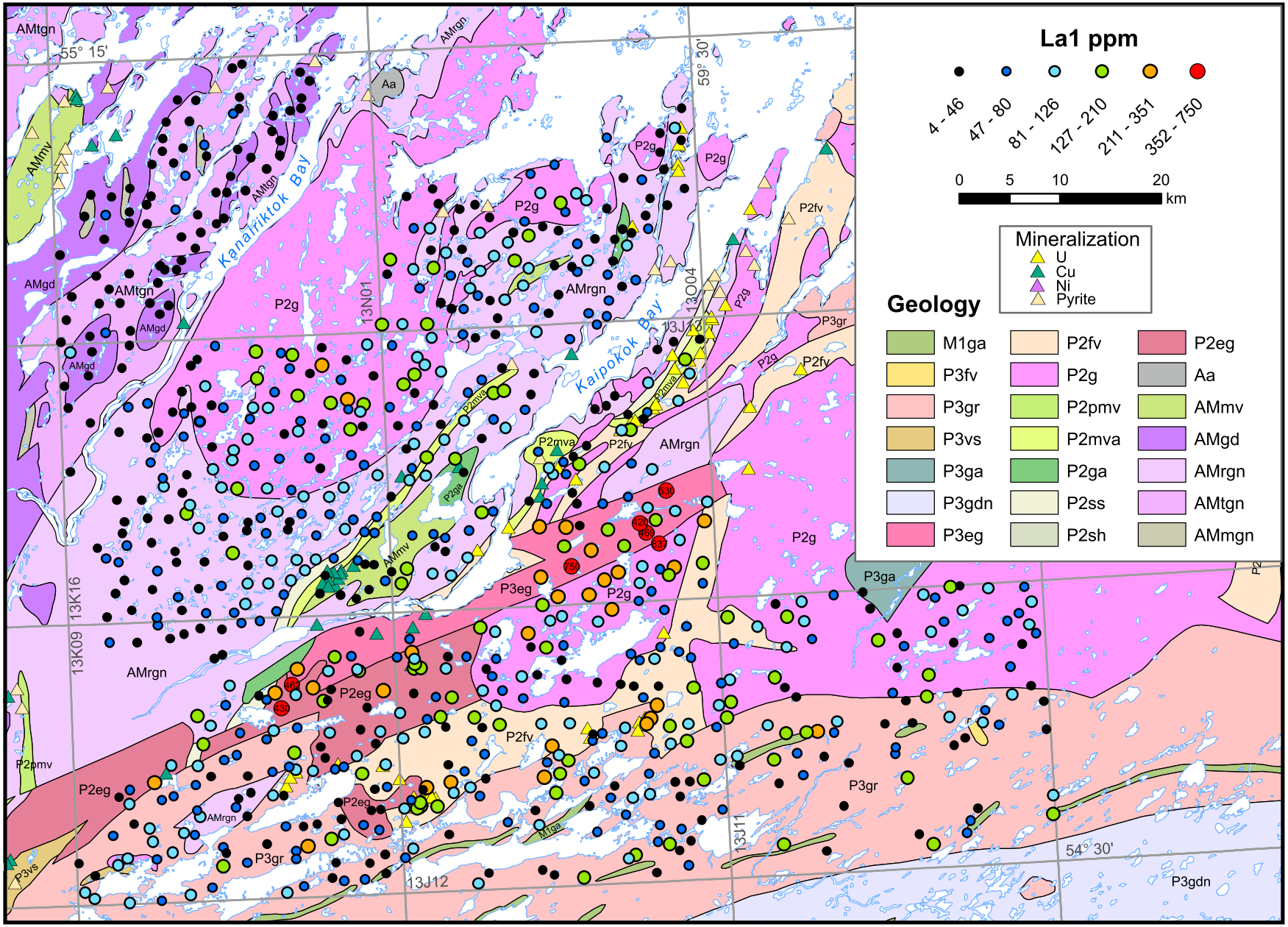

Figure 55. *Lanthanum (La1) in lake sediment.*

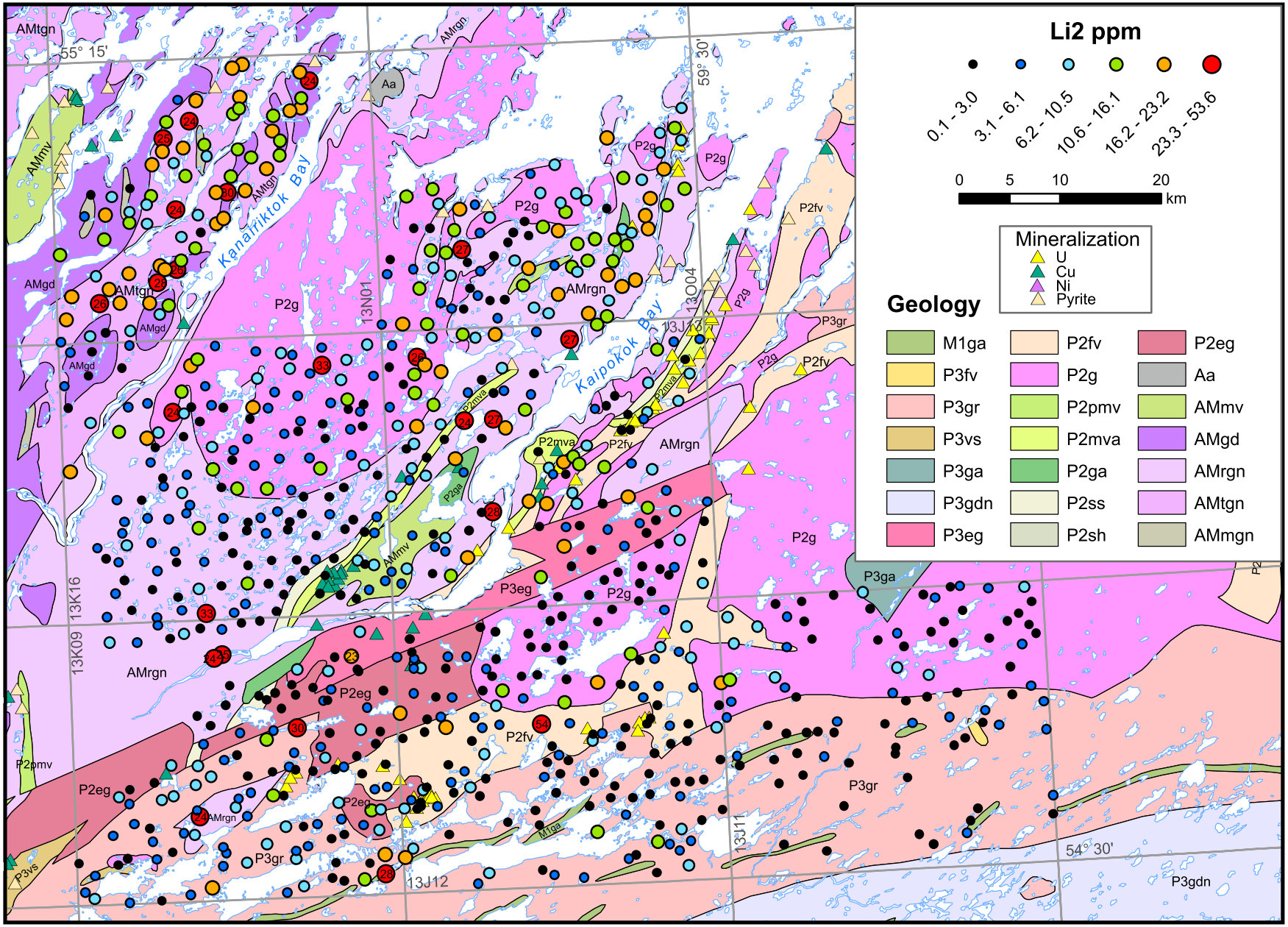

Figure 56. *Lithium (Li2) in lake sediment.*

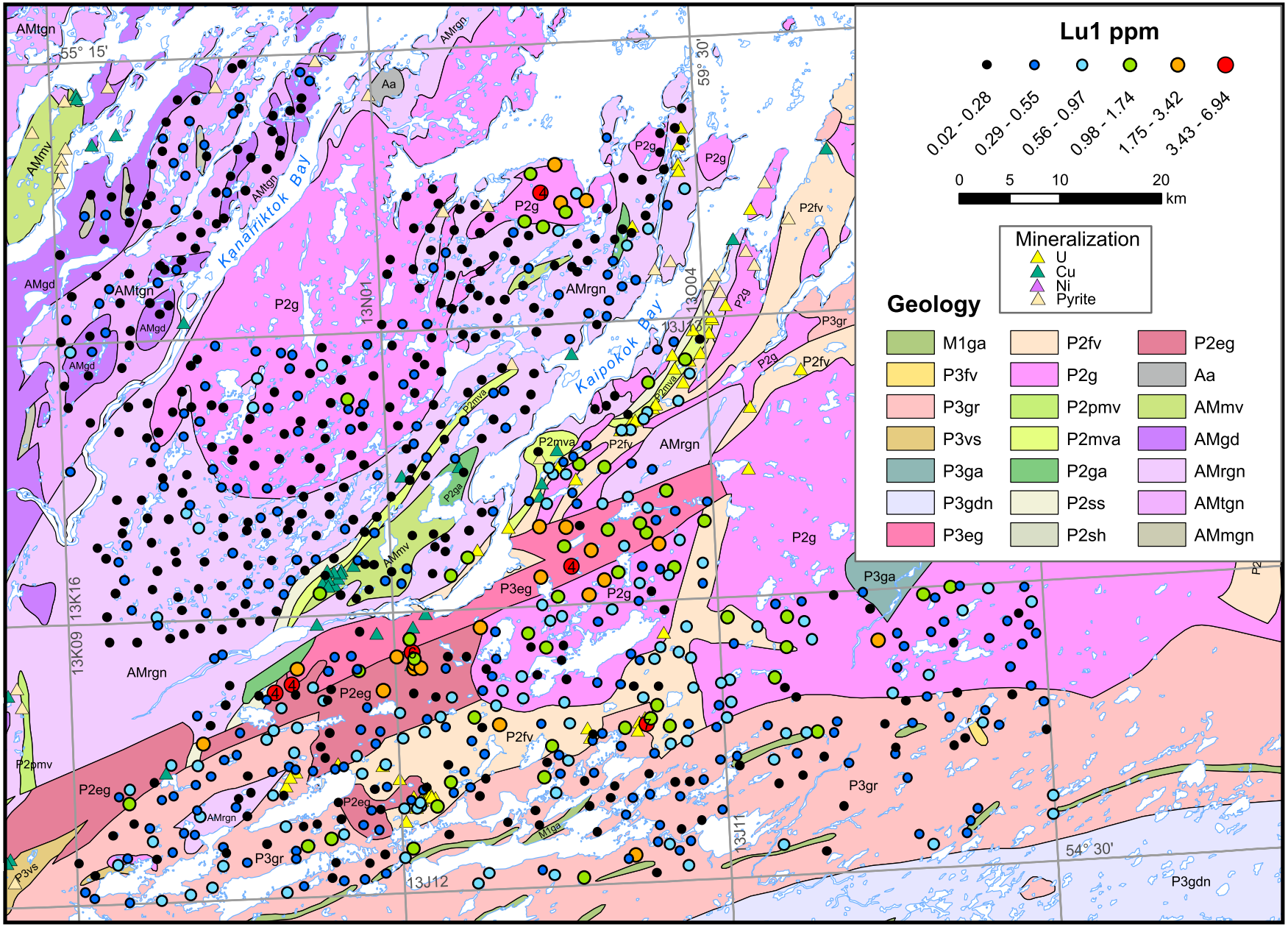

Figure 57. *Lutetium (Lu1) in lake sediment.*

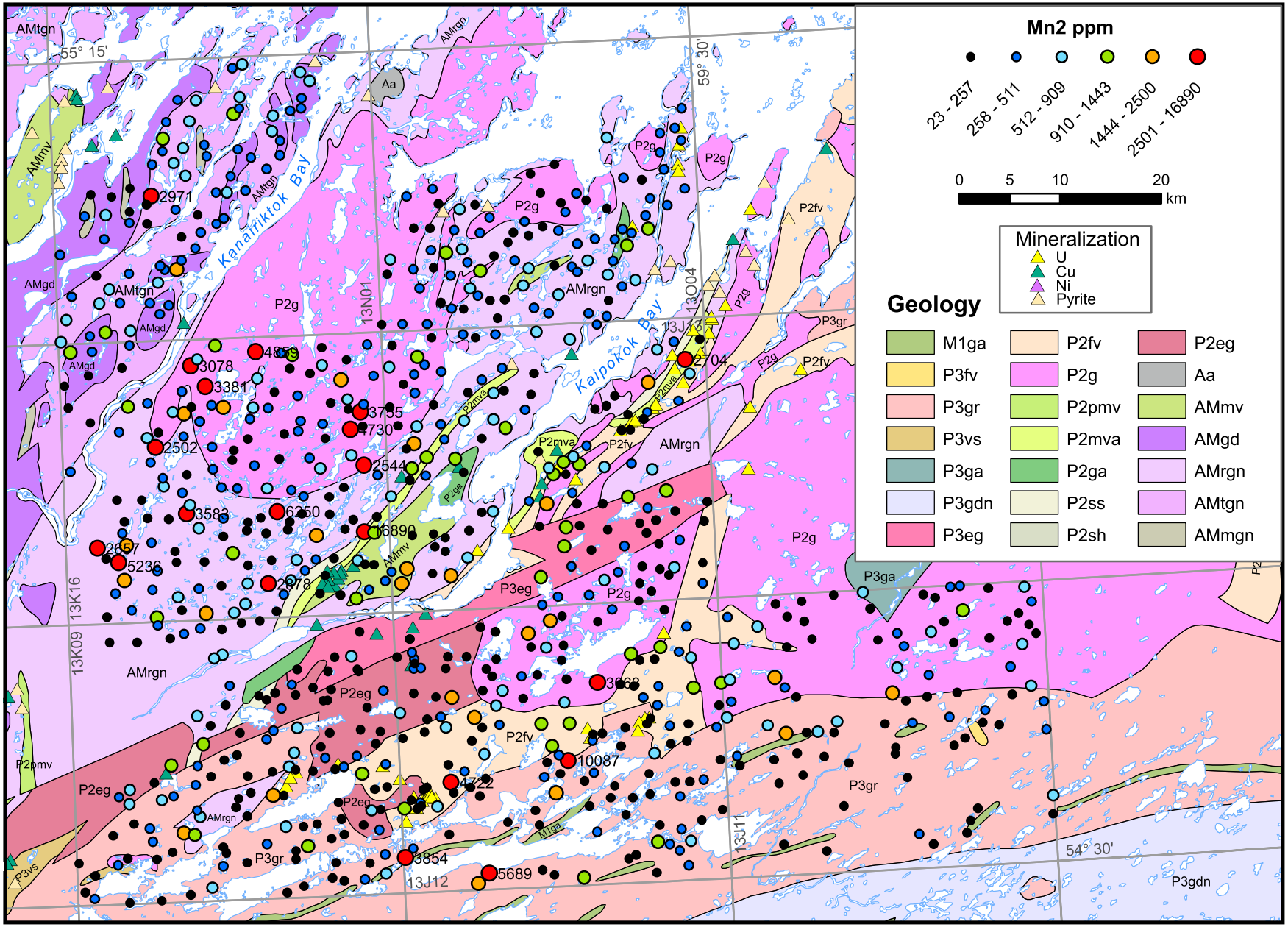

Figure 58. *Manganese (Mn2) in lake sediment.*

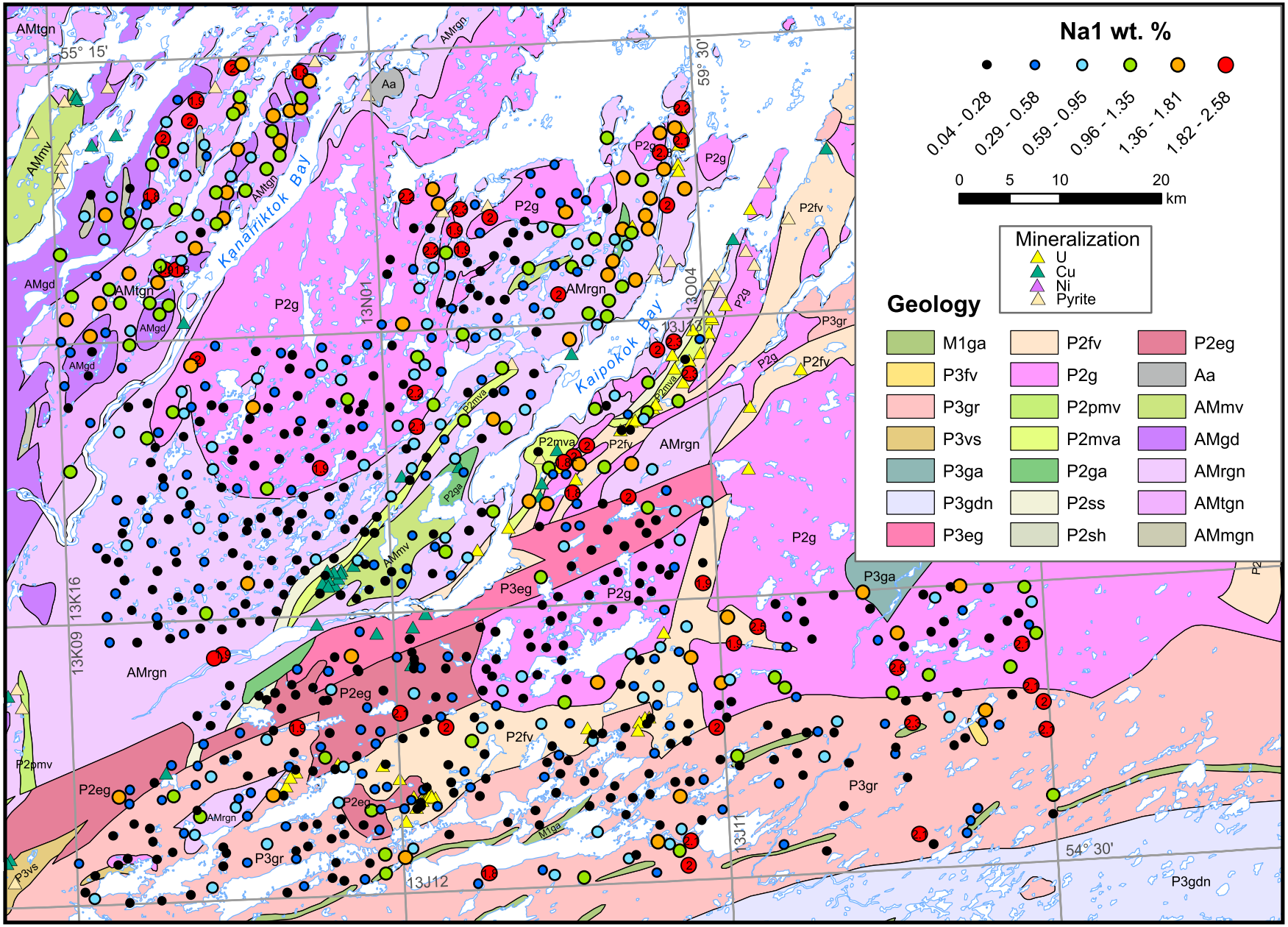

Figure 59. *Sodium (Na1) in lake sediment.*

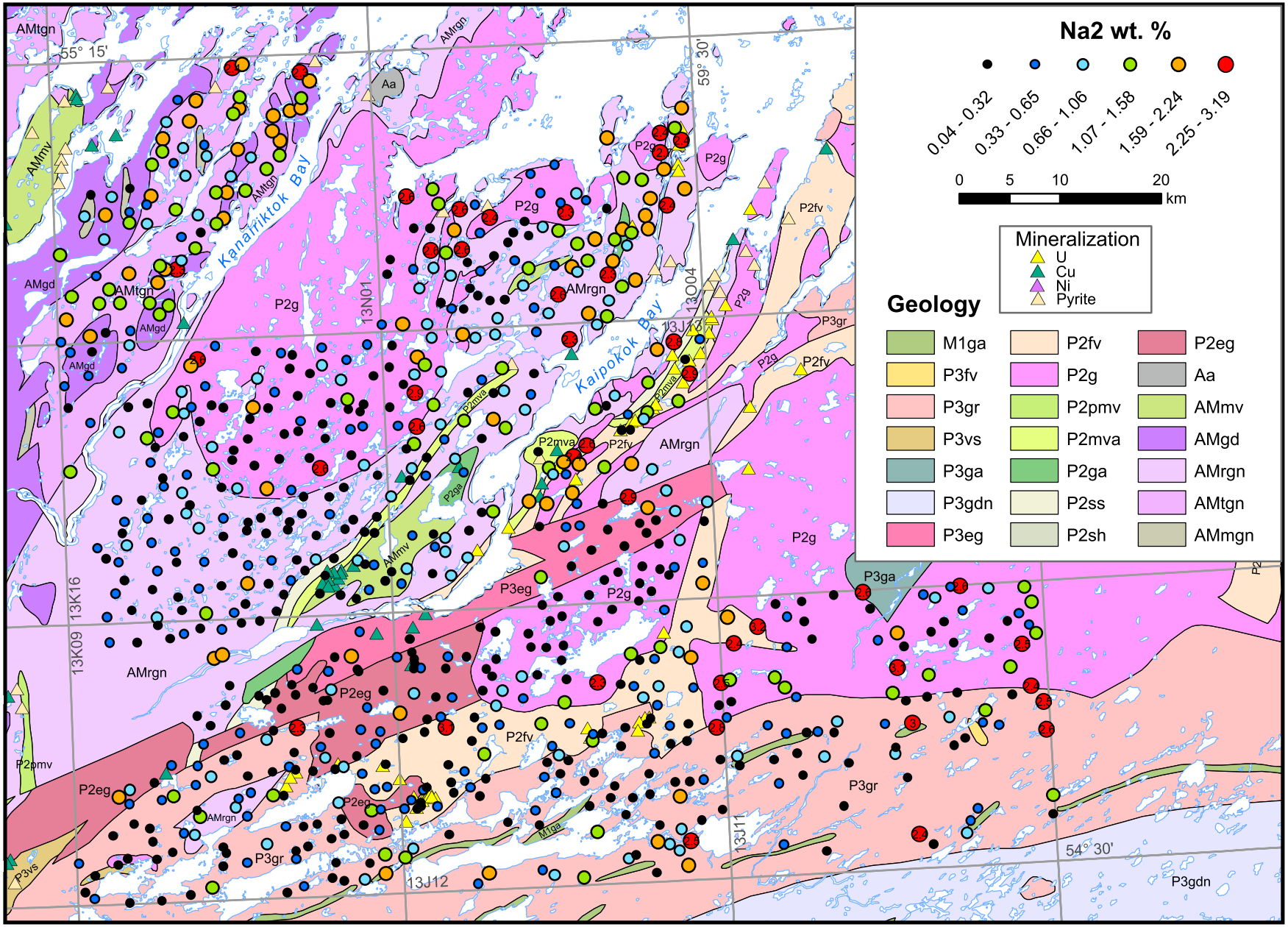

Figure 60. *Sodium (Na2) in lake sediment.*

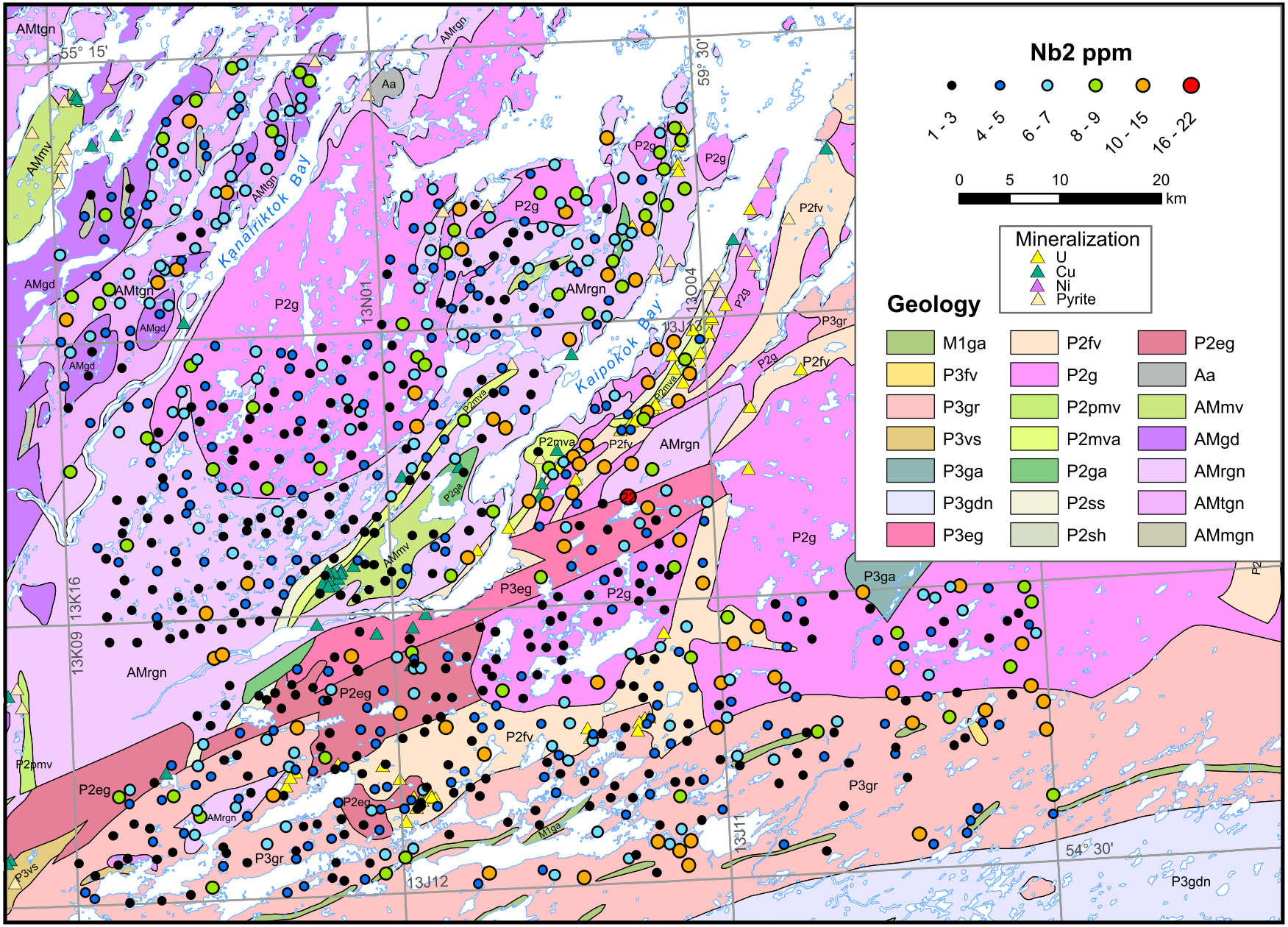

Figure 61. *Niobium (Nb2) in lake sediment.*

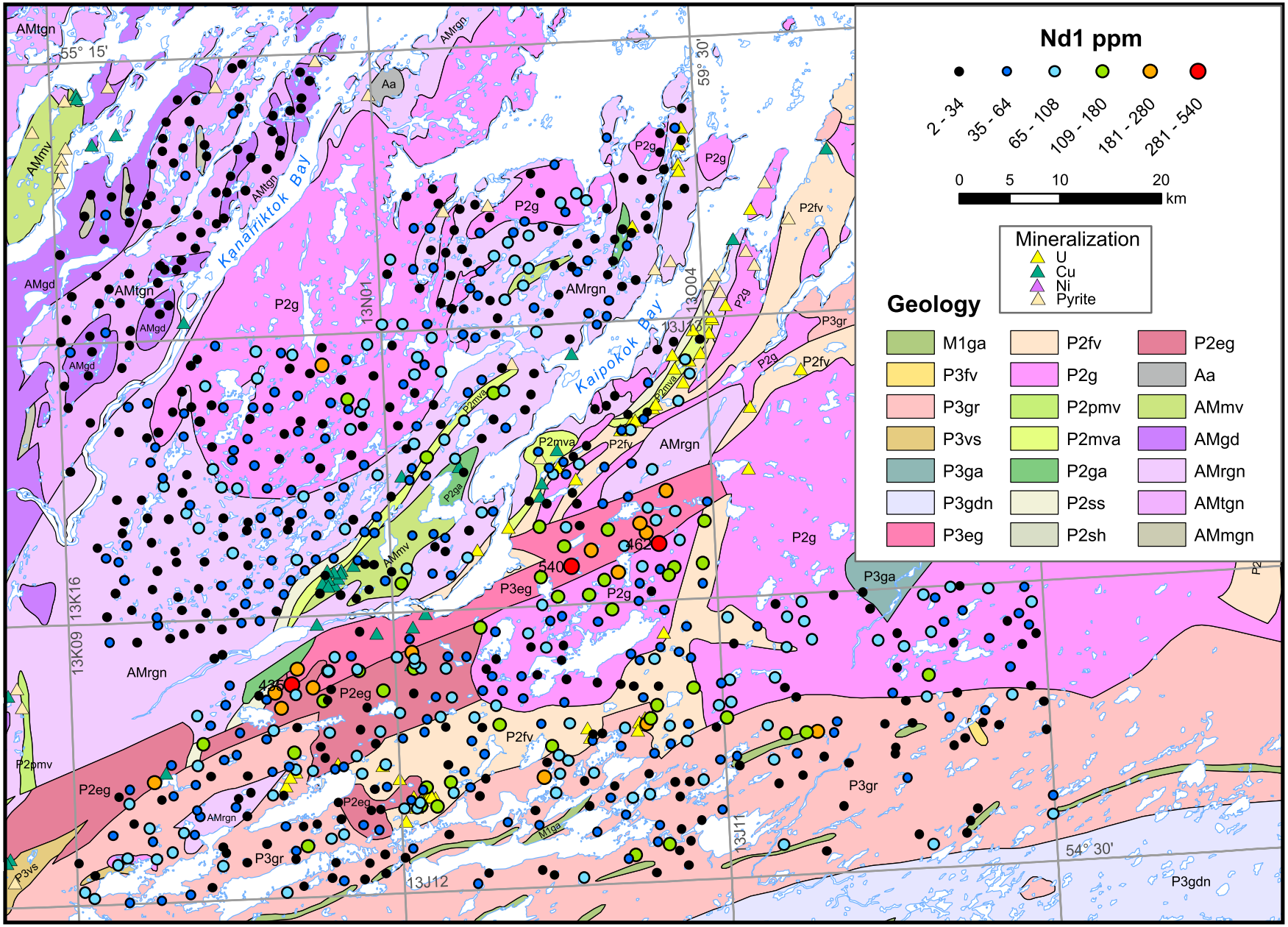

Figure 62. *Neodymium (Nd1) in lake sediment.*

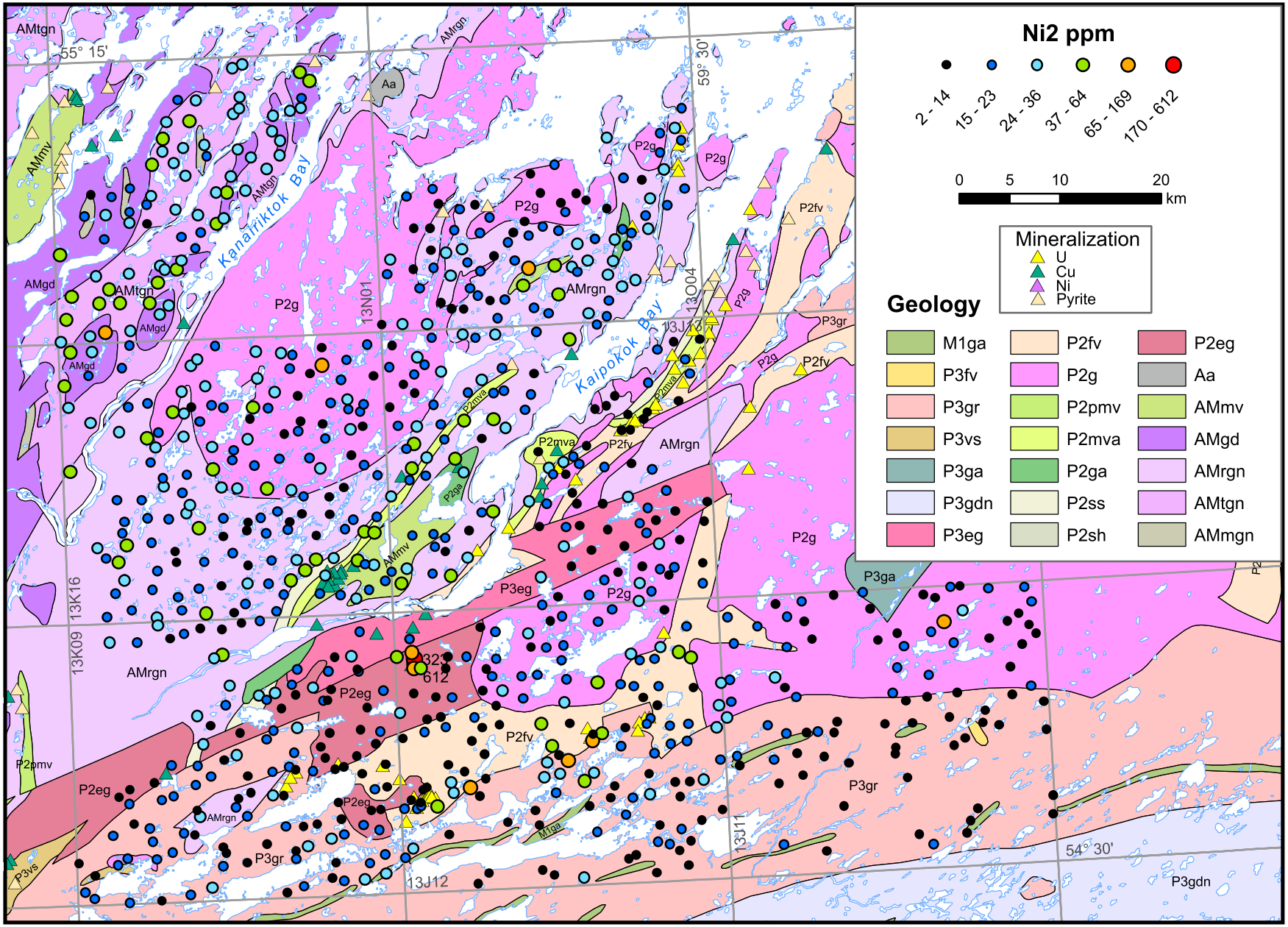

Figure 63. *Nickel (Ni2) in lake sediment.*

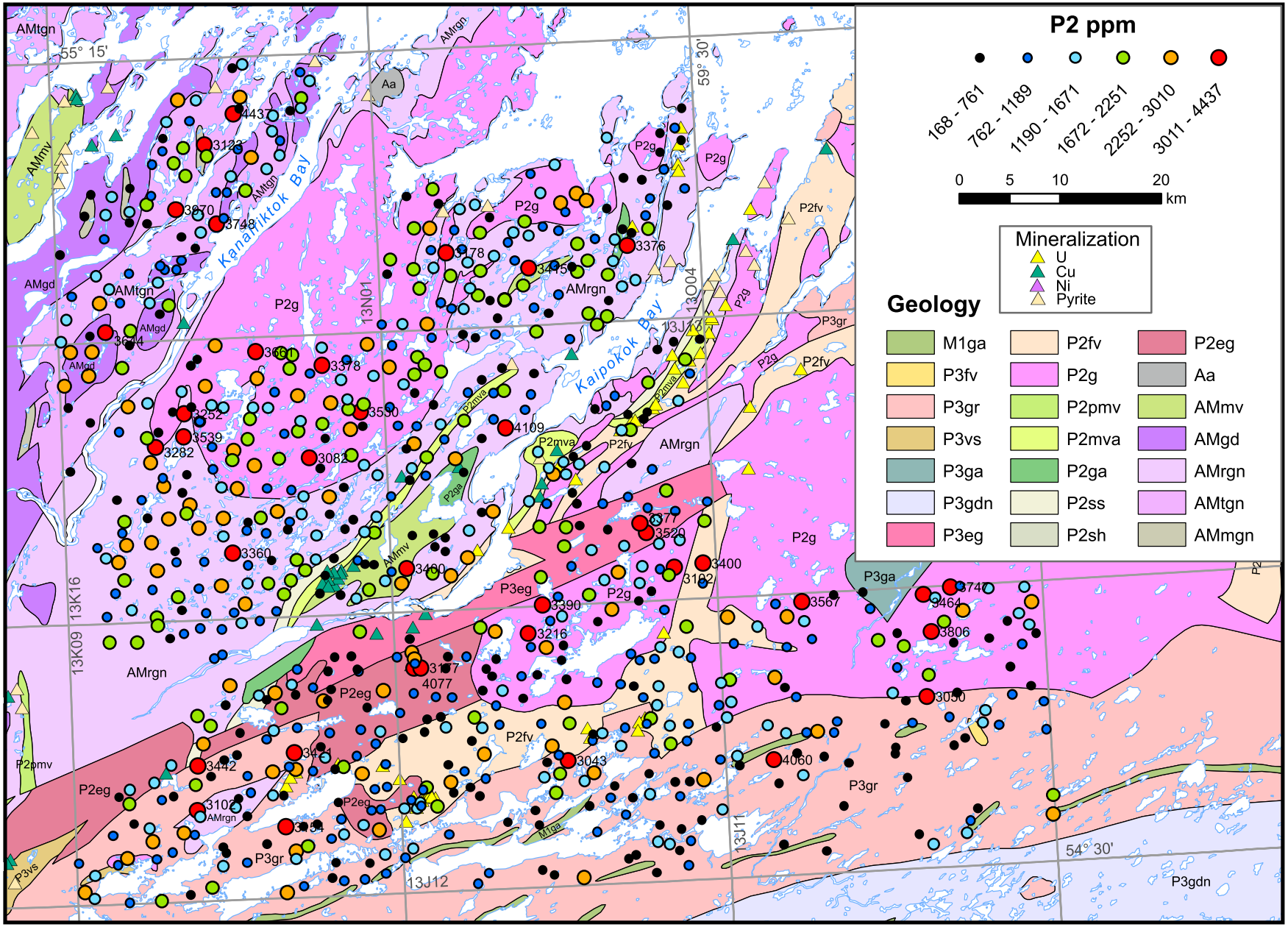

Figure 64. *Phosphorous (P2) in lake sediment.*

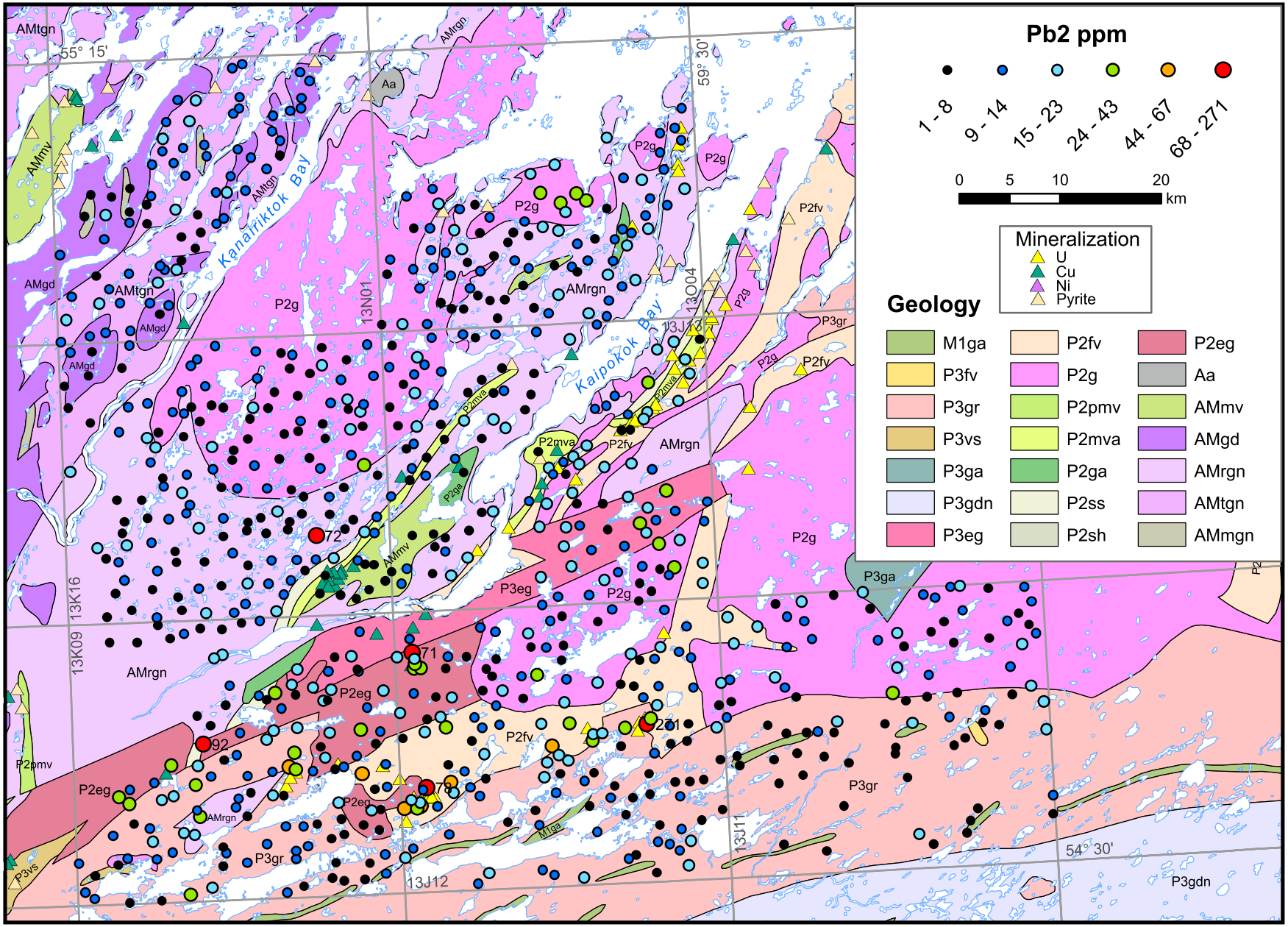

Figure 65. *Lead (Pb2) in lake sediment.*

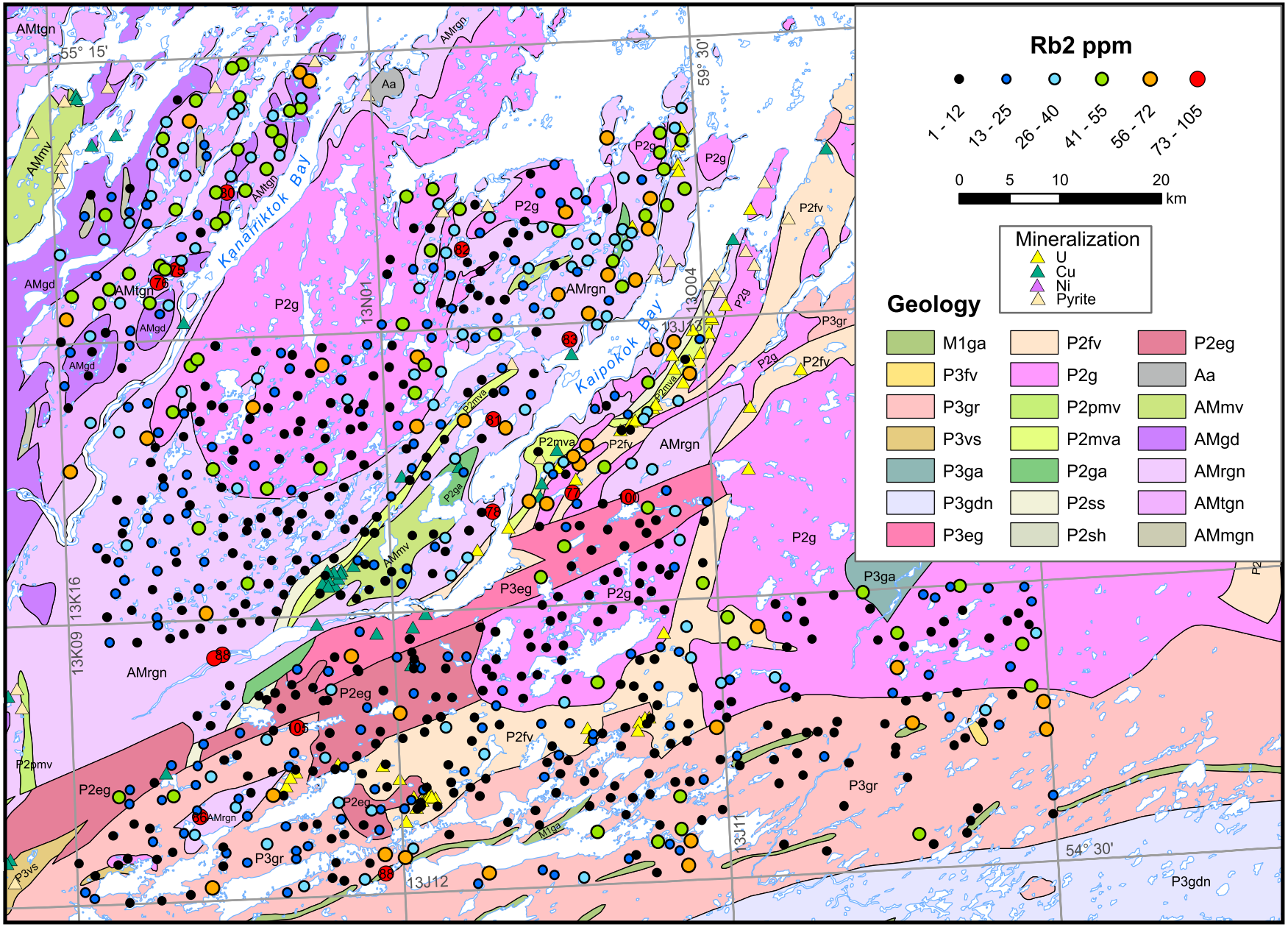

Figure 66. *Rubidium (Rb2) in lake sediment.*

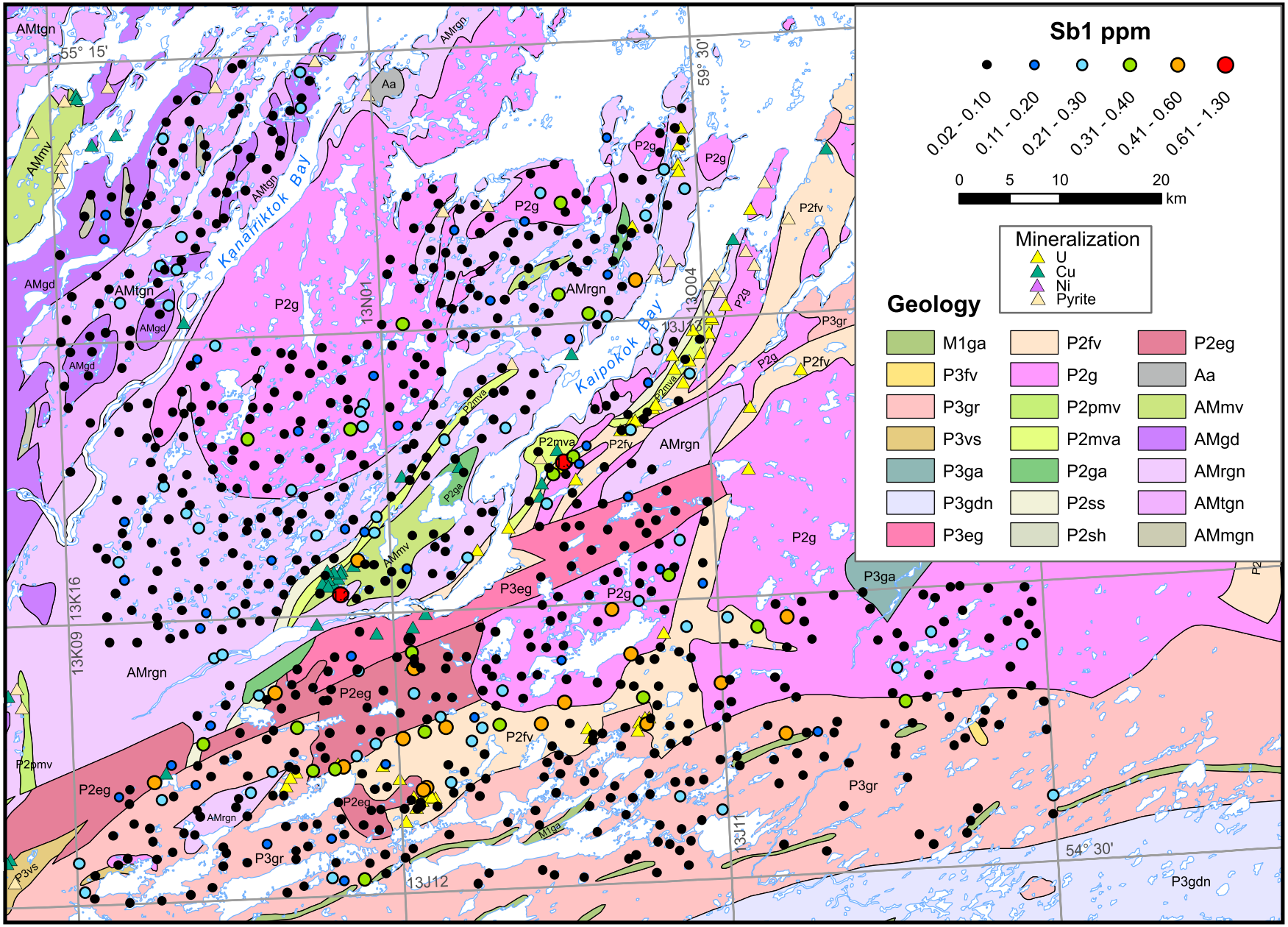

Figure 67. *Antimony (Sb1) in lake sediment.*

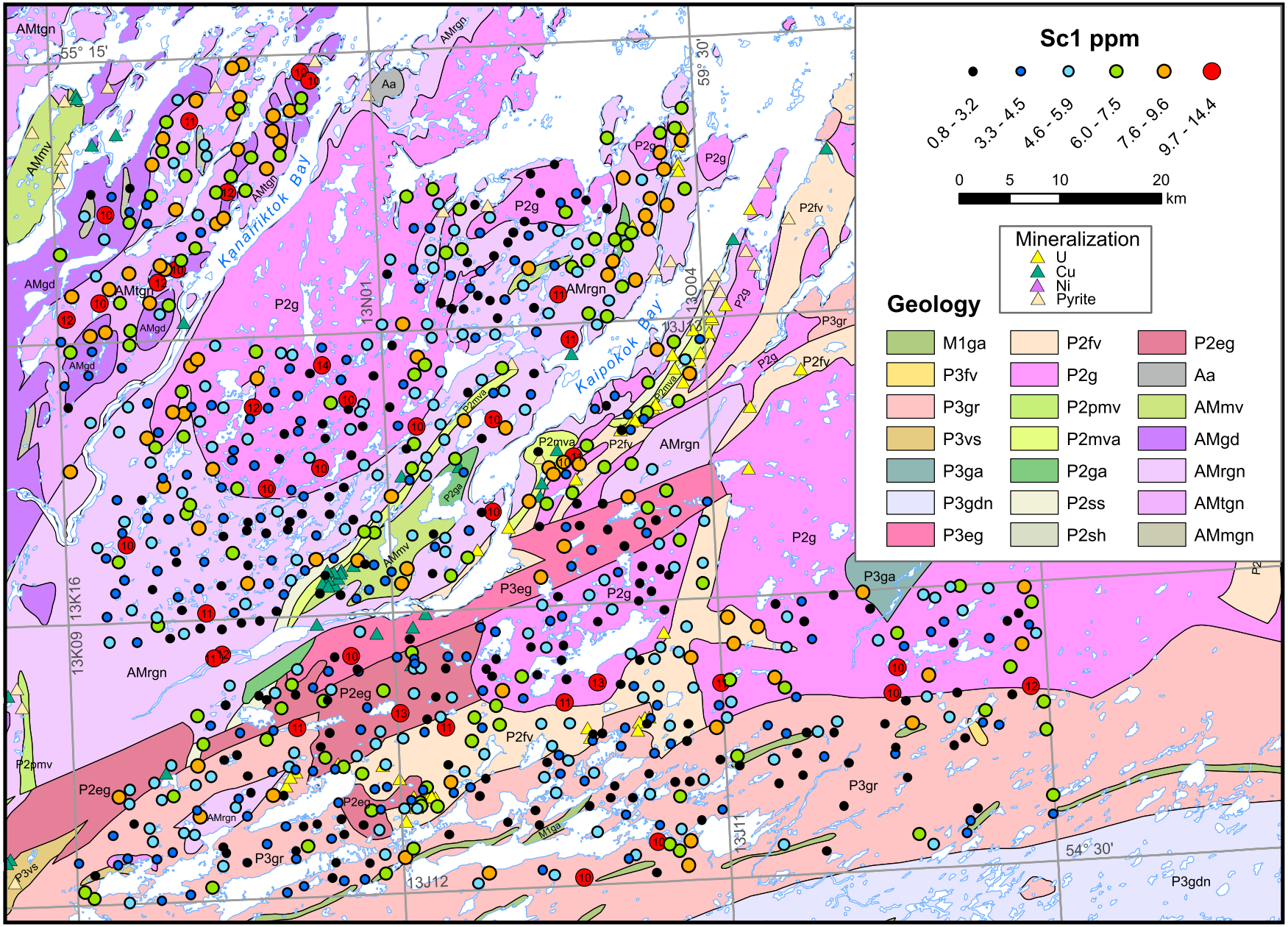

Figure 68. *Scandium (Sc1) in lake sediment.*

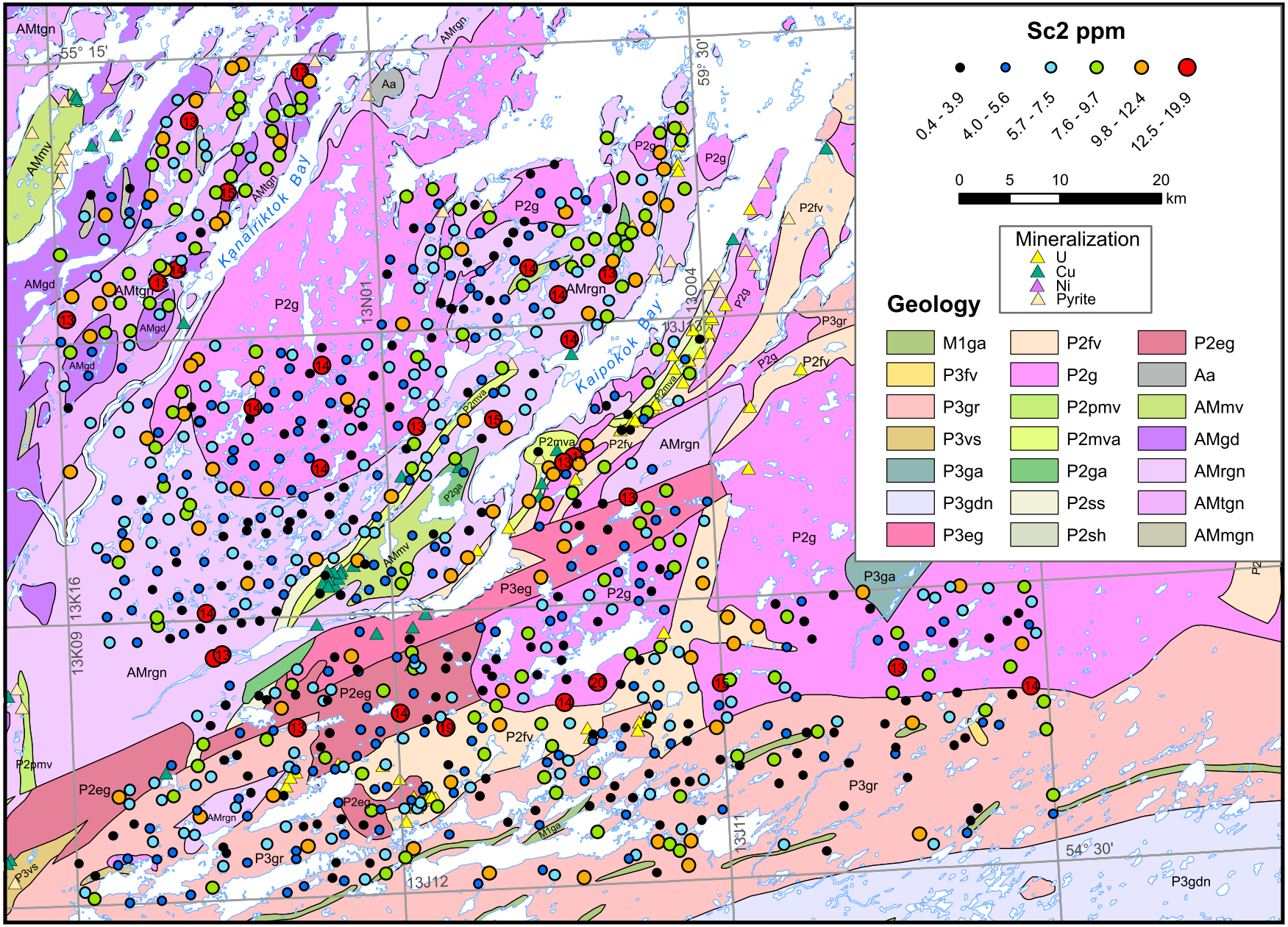

Figure 69. *Scandium (Sc2) in lake sediment.*

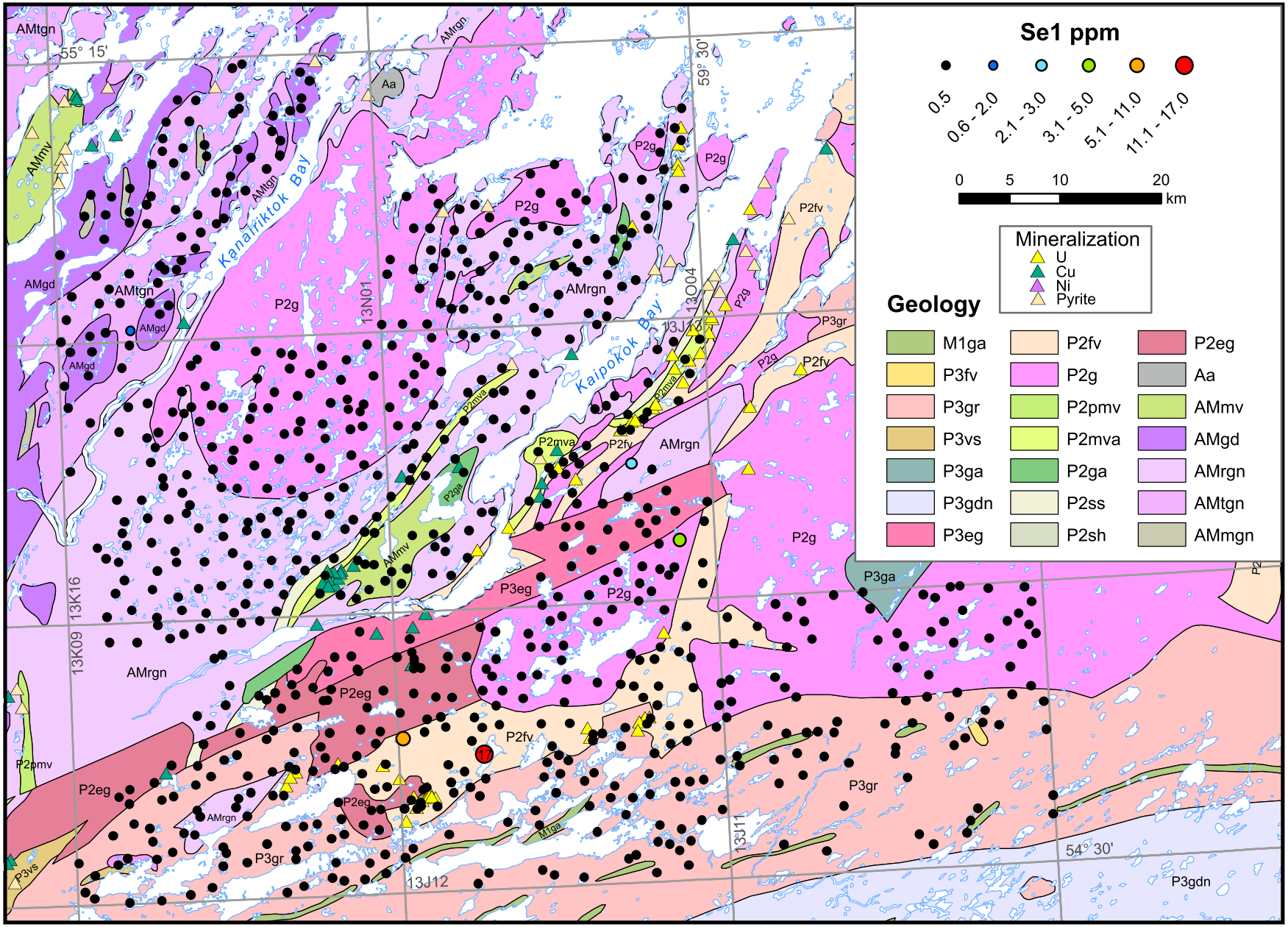

Figure 70. *Selenium (Se1) in lake sediment.*

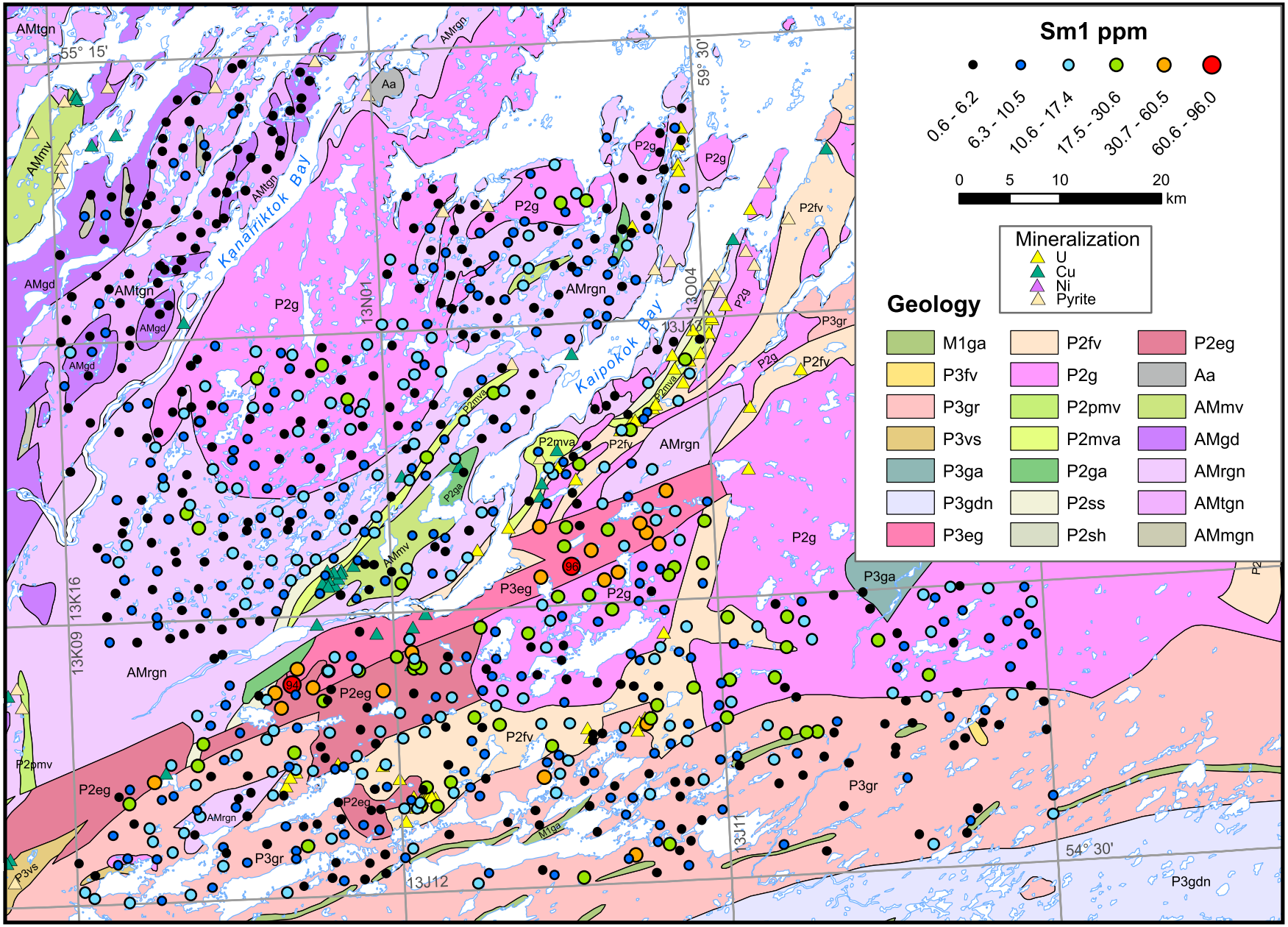

Figure 71. *Samarium (Sm1) in lake sediment.*

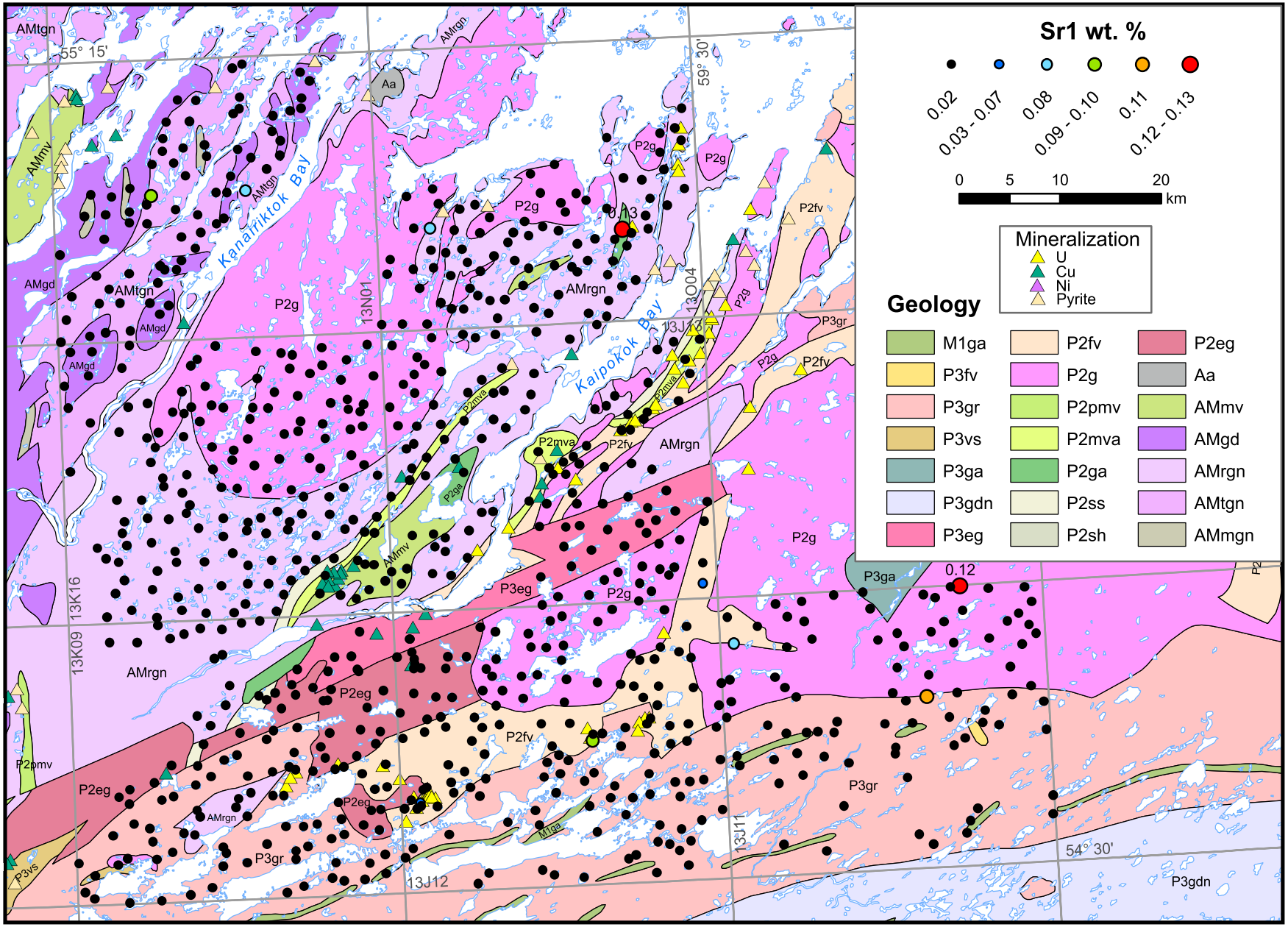

Figure 72. *Strontium (Sr1) in lake sediment.*

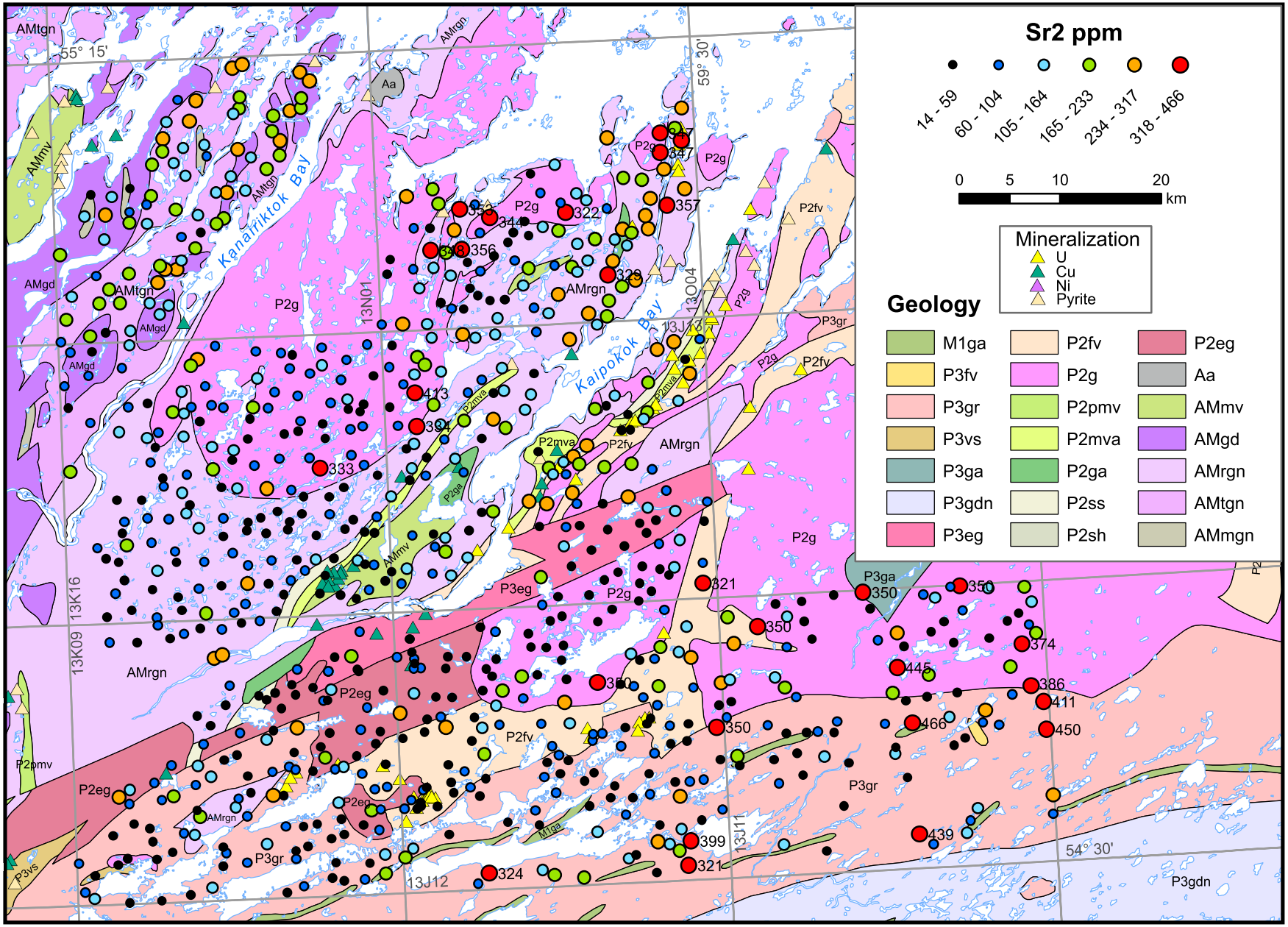

Figure 73. *Strontium (Sr2) in lake sediment.*

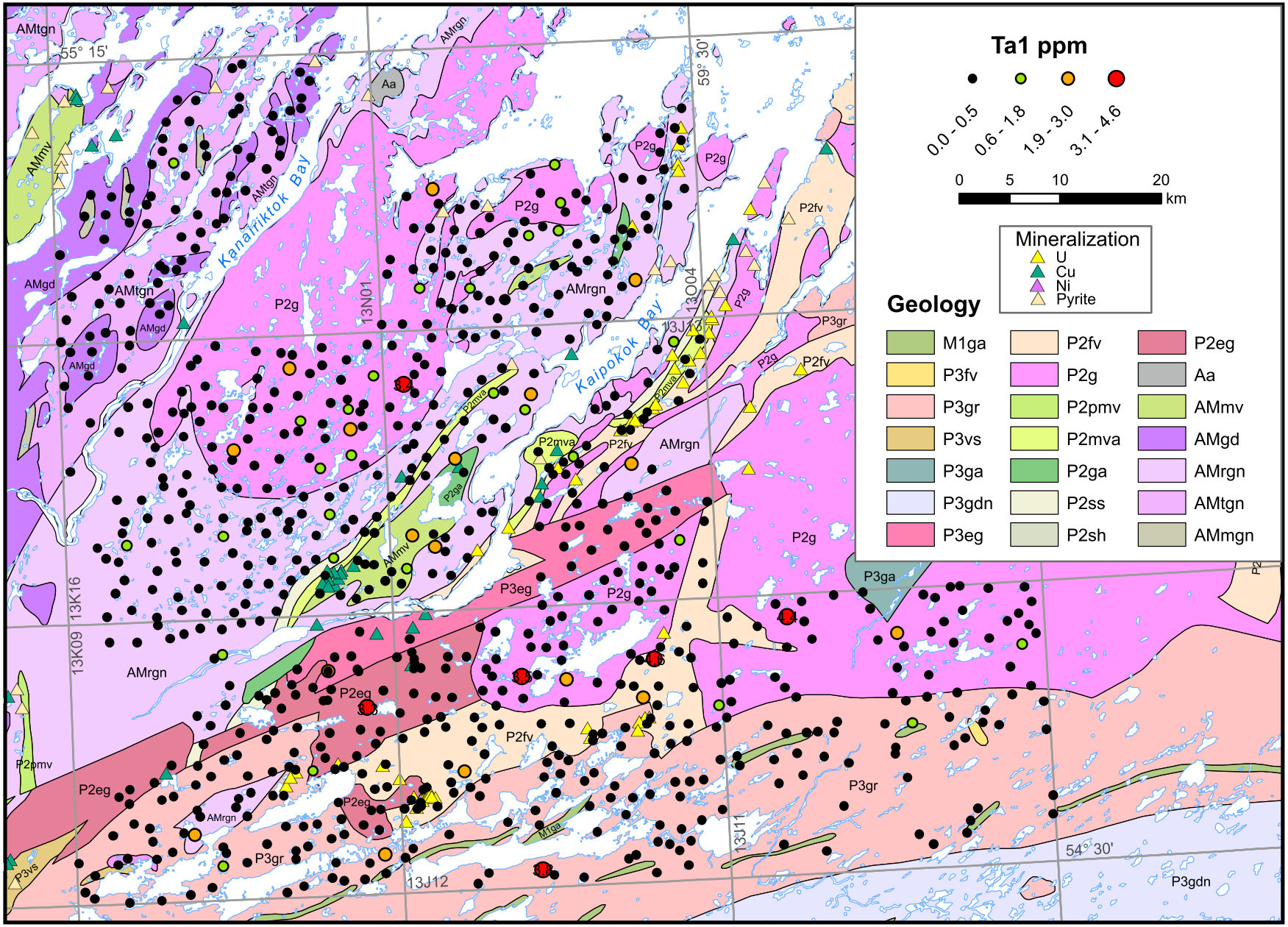

Figure 74. *Tantalum (Ta1) in lake sediment.*

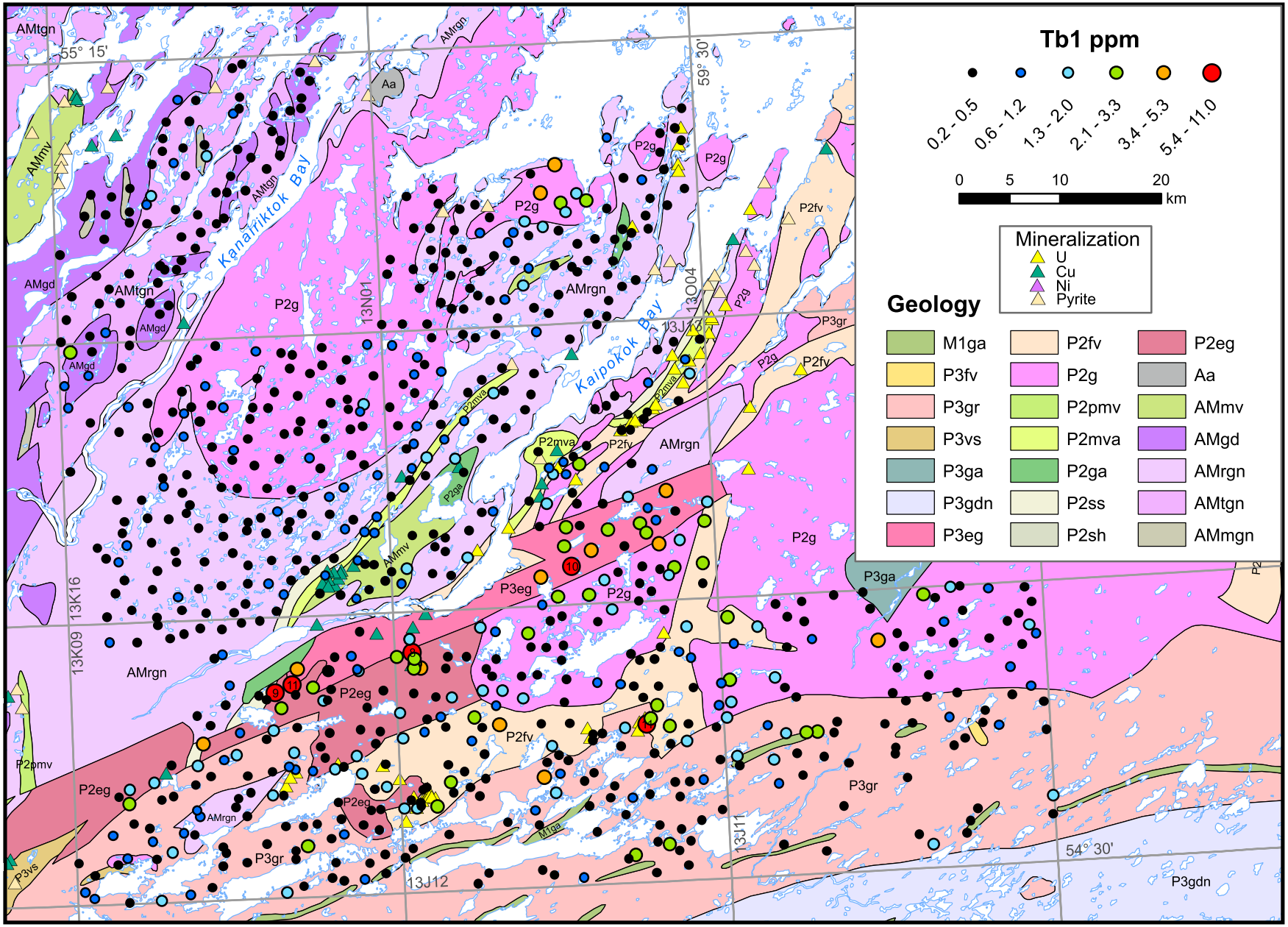

Figure 75. *Terbium (Tb1) in lake sediment.*

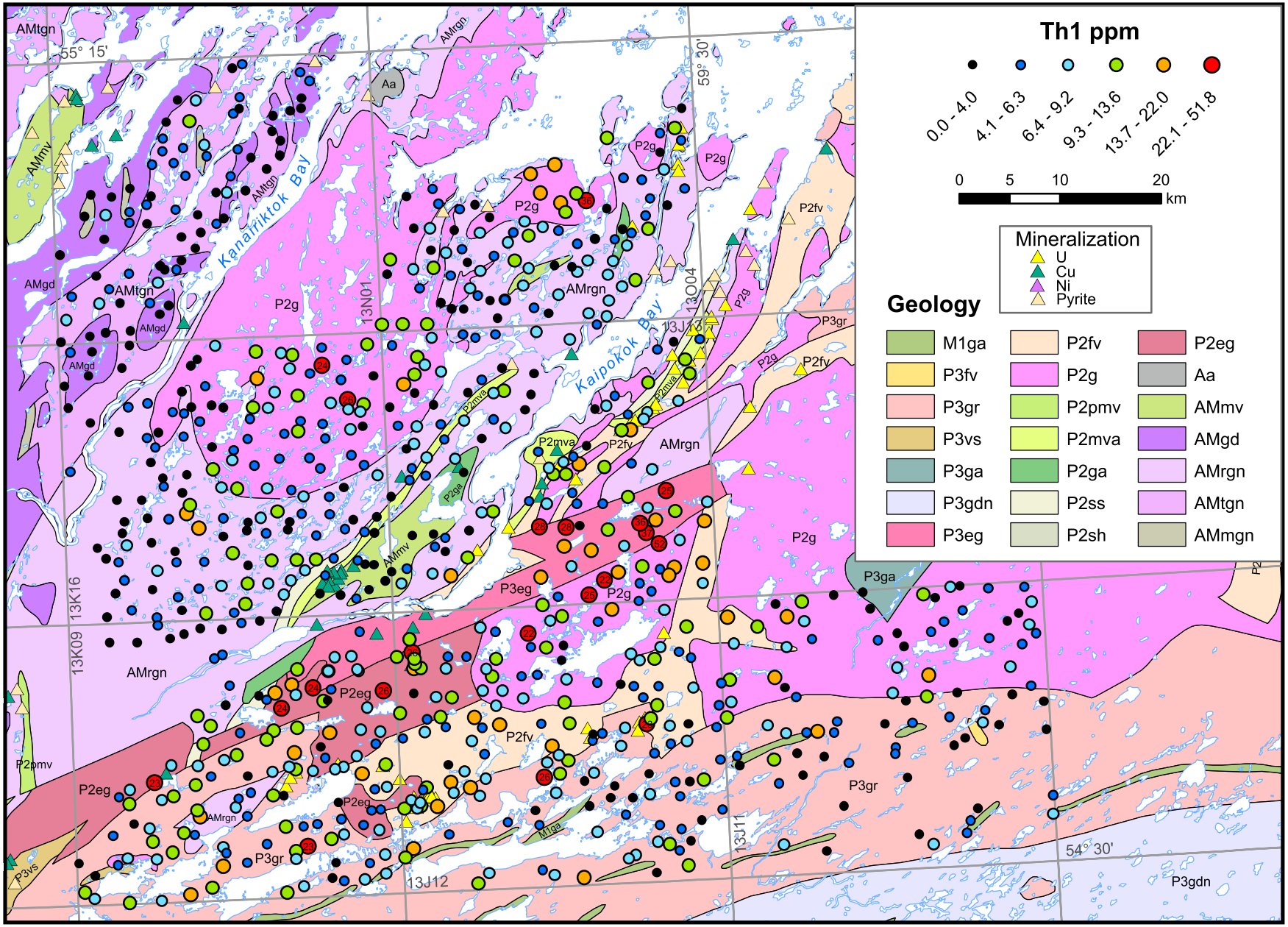

Figure 76. *Thorium (Th1) in lake sediment.*

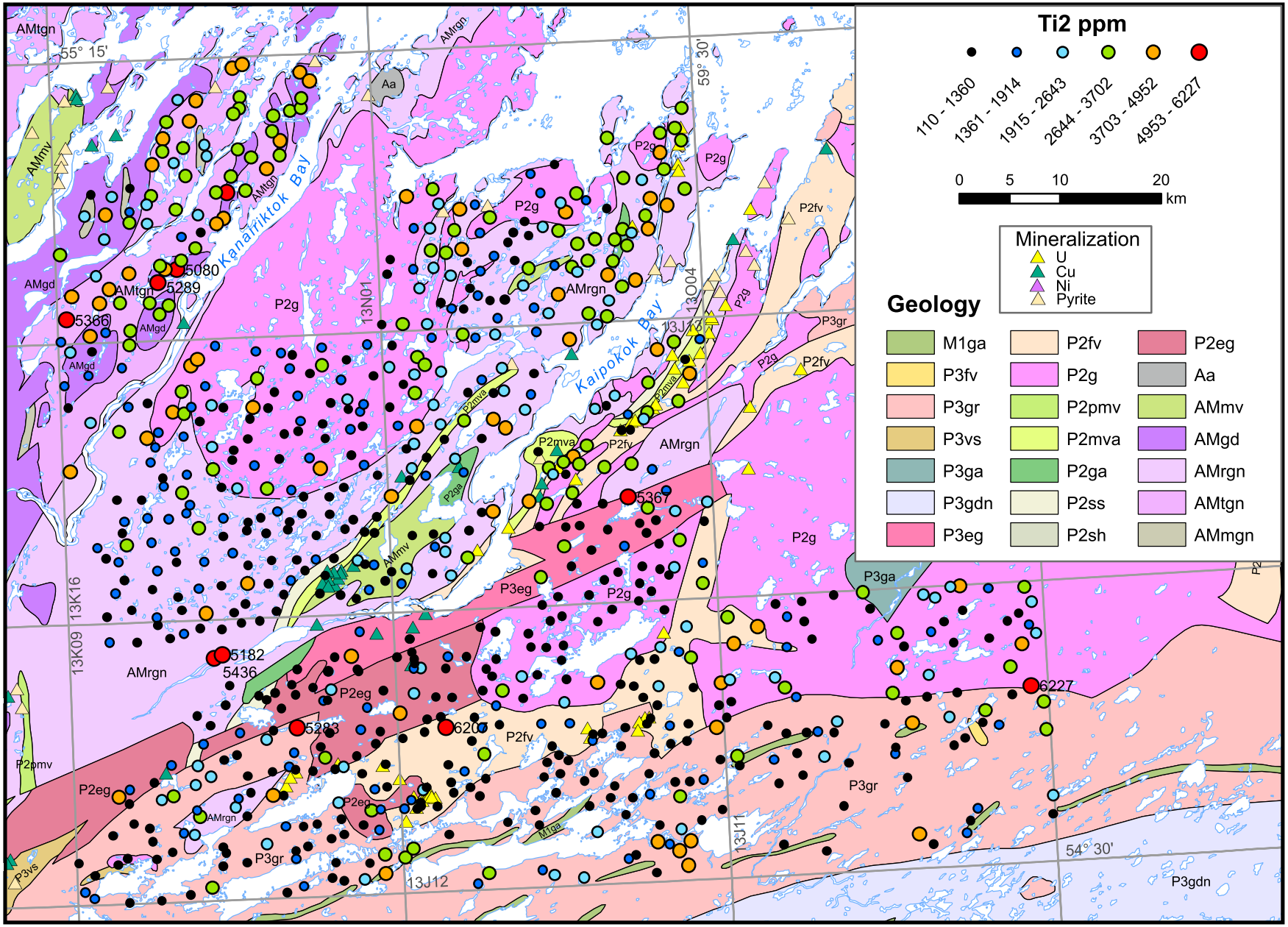

Figure 77. *Titanium (Ti2) in lake sediment.*

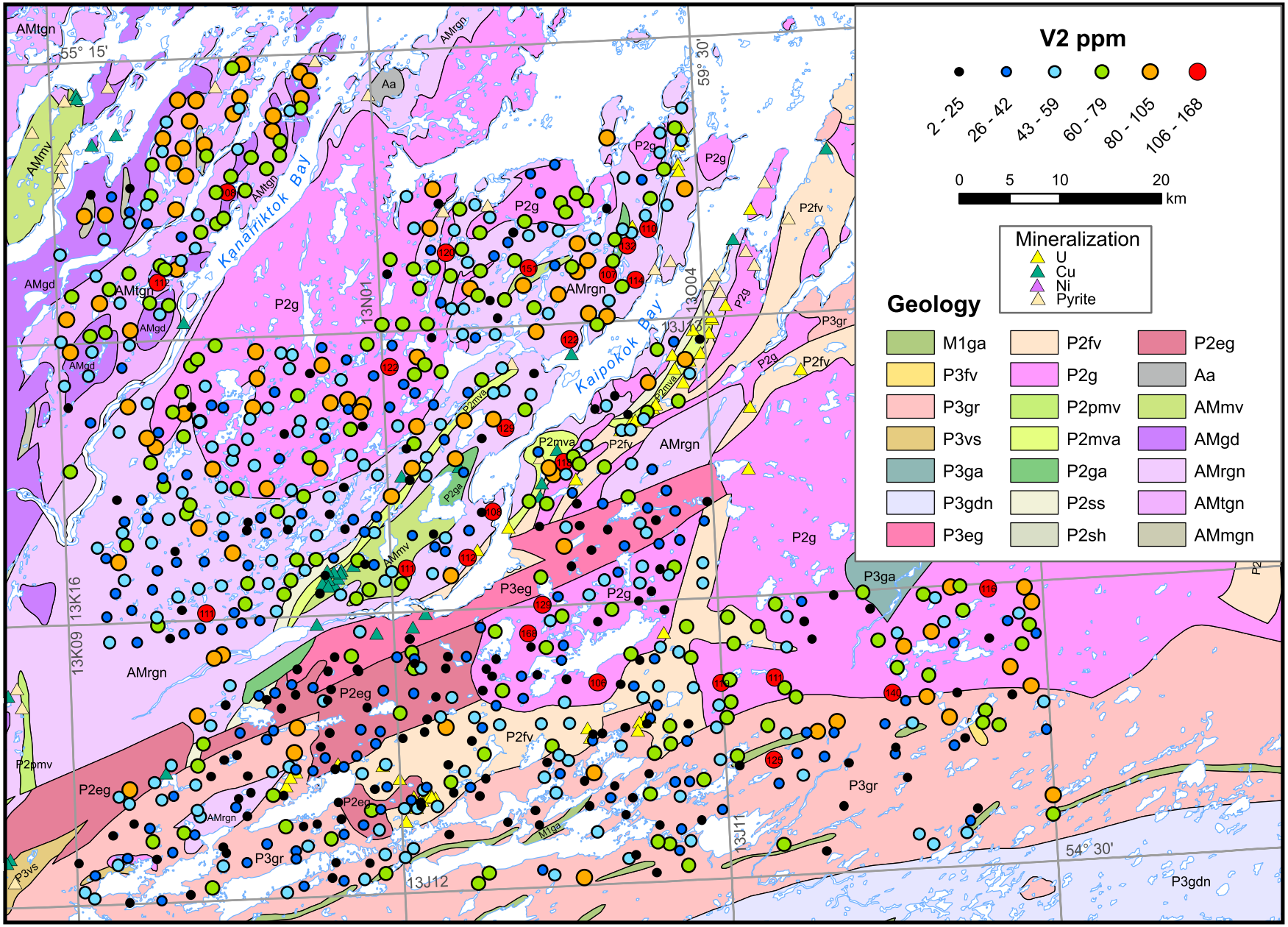

Figure 78. *Vanadium (V2) in lake sediment.*

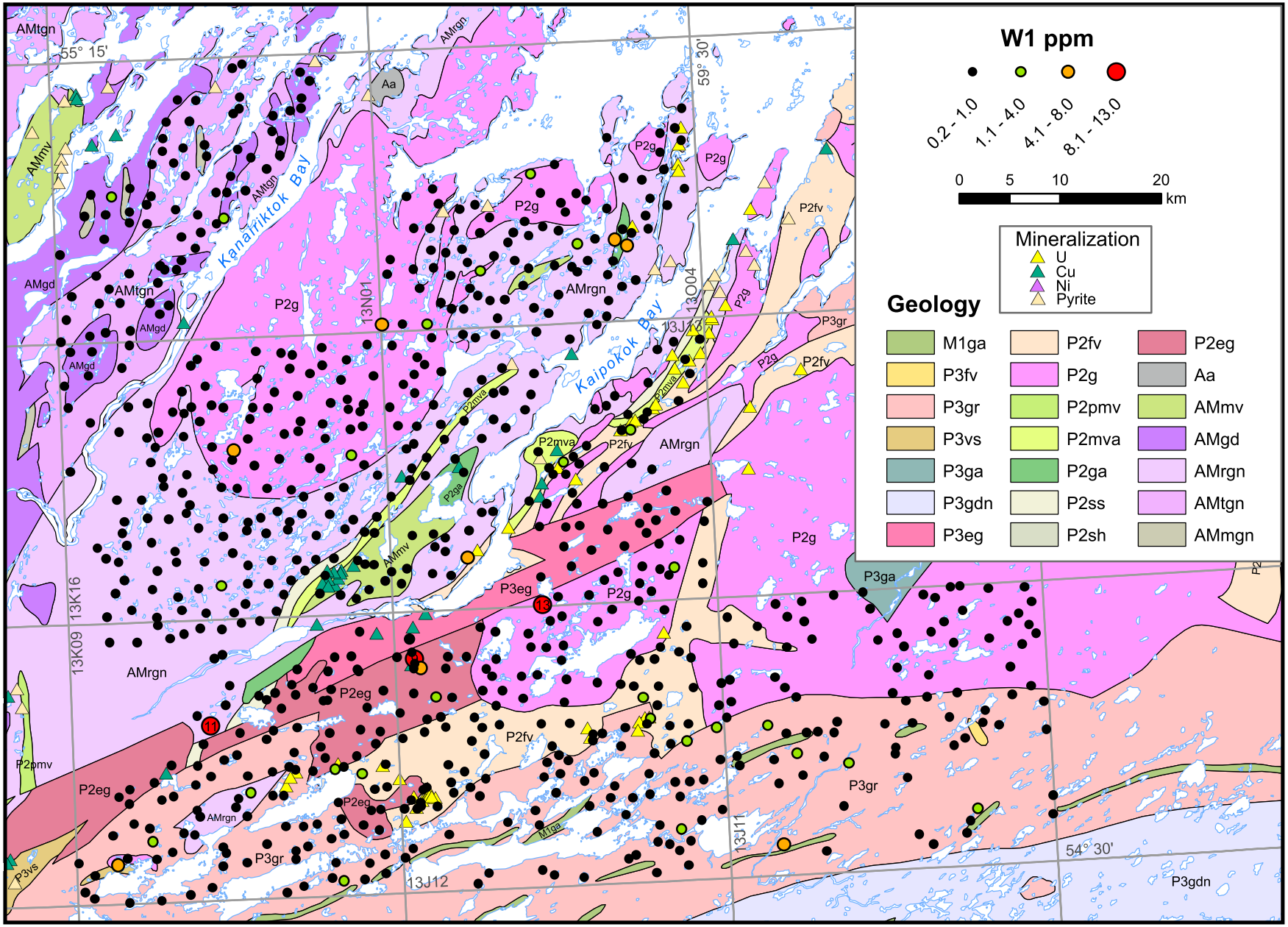

Figure 79. *Tungsten (W1) in lake sediment.*

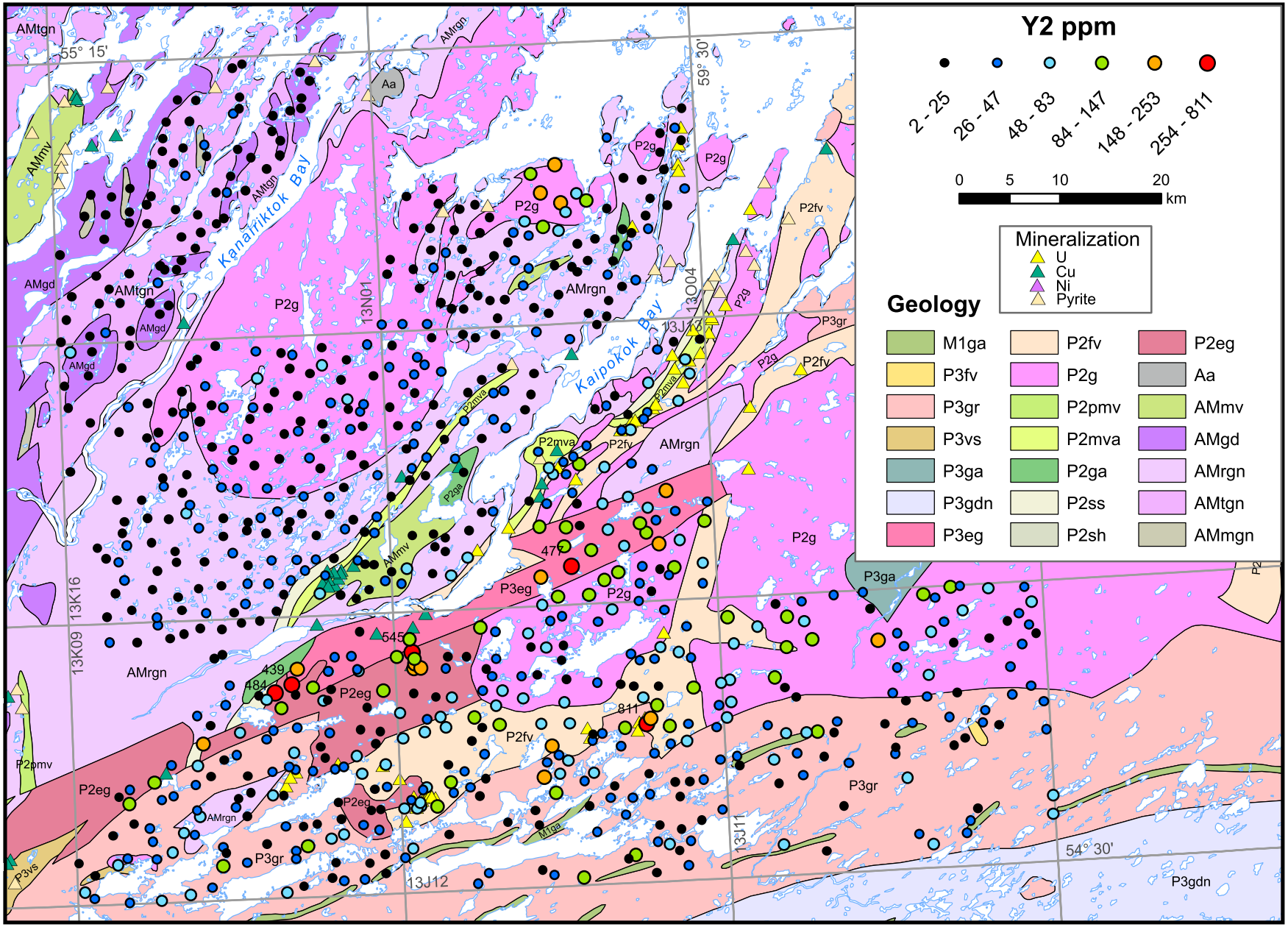

Figure 80. *Yttrium (Y2) in lake sediment.*

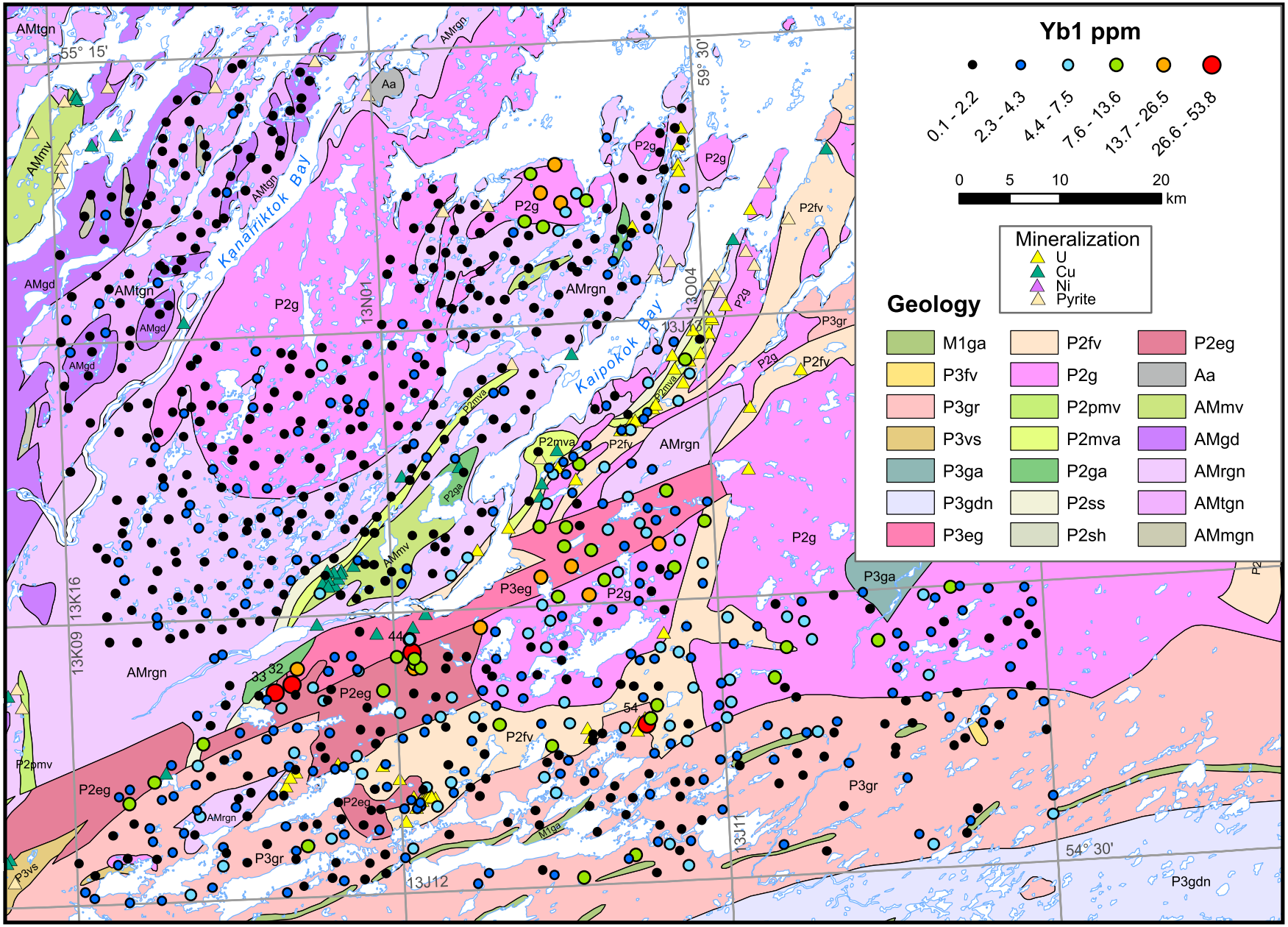

Figure 81. *Ytterbium (Yb1) in lake sediment.*

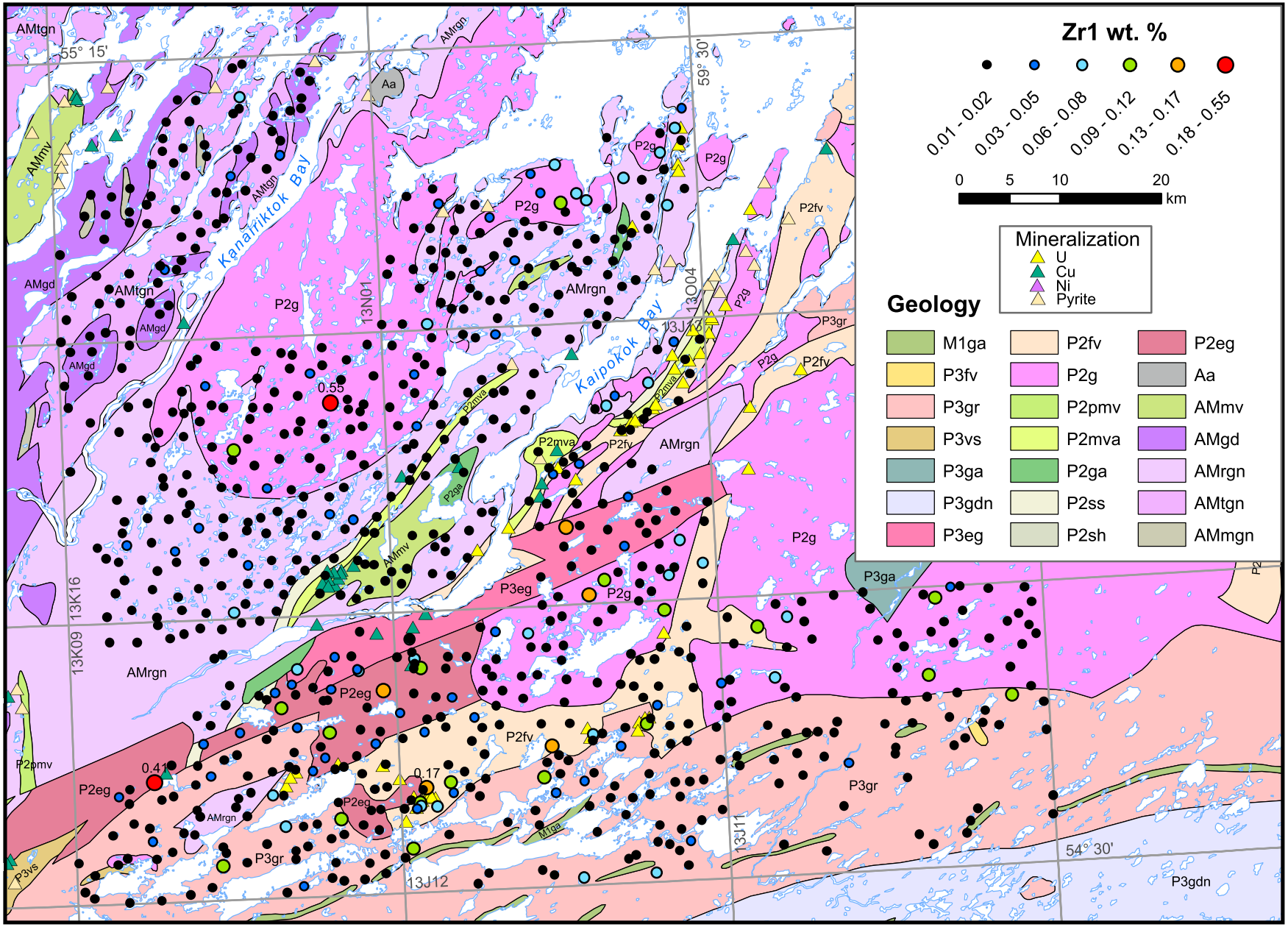

Figure 82. *Zirconium (Zr1) in lake sediment.*

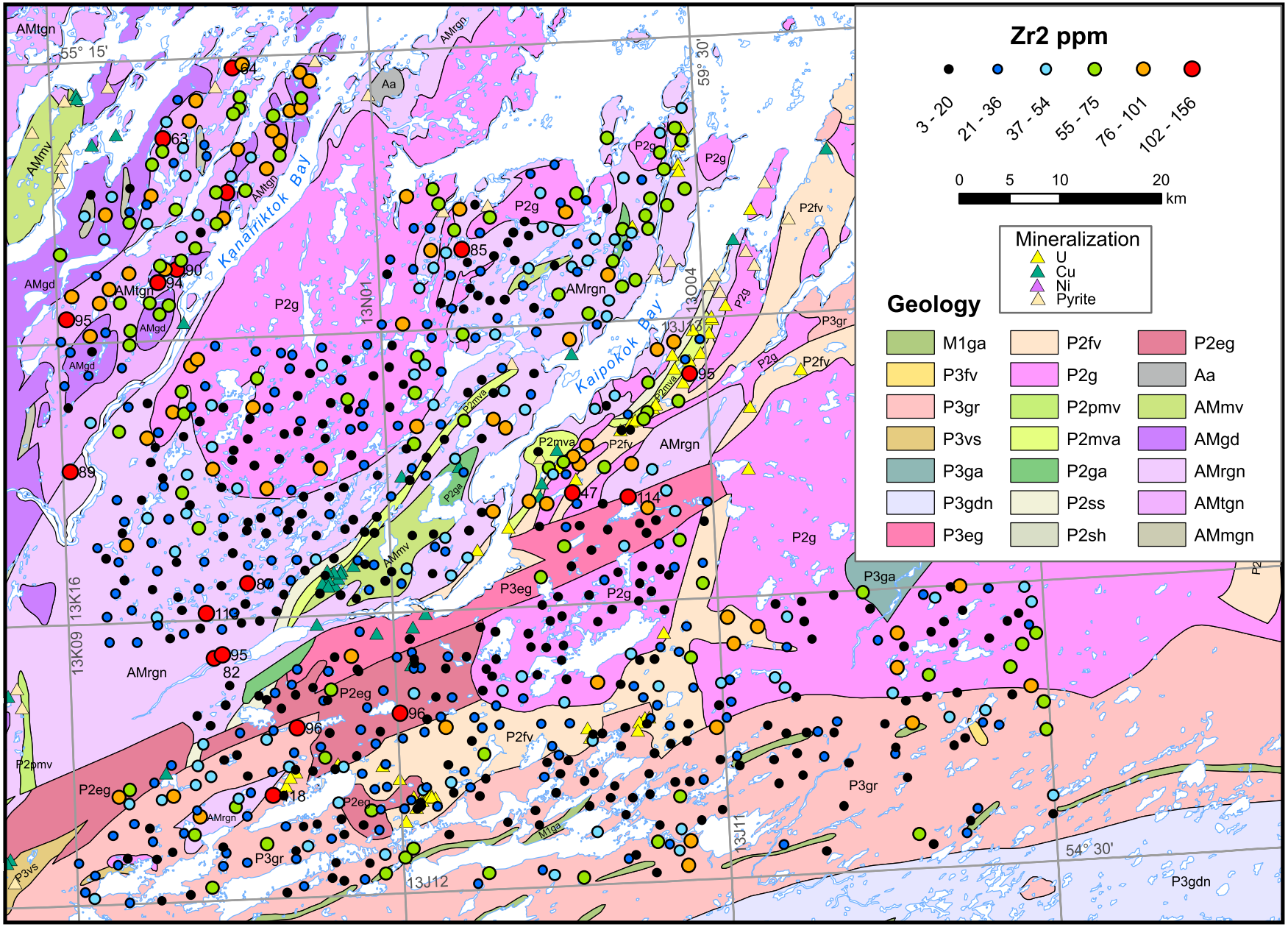

Figure 83. *Zirconium (Zr2) in lake sediment.*

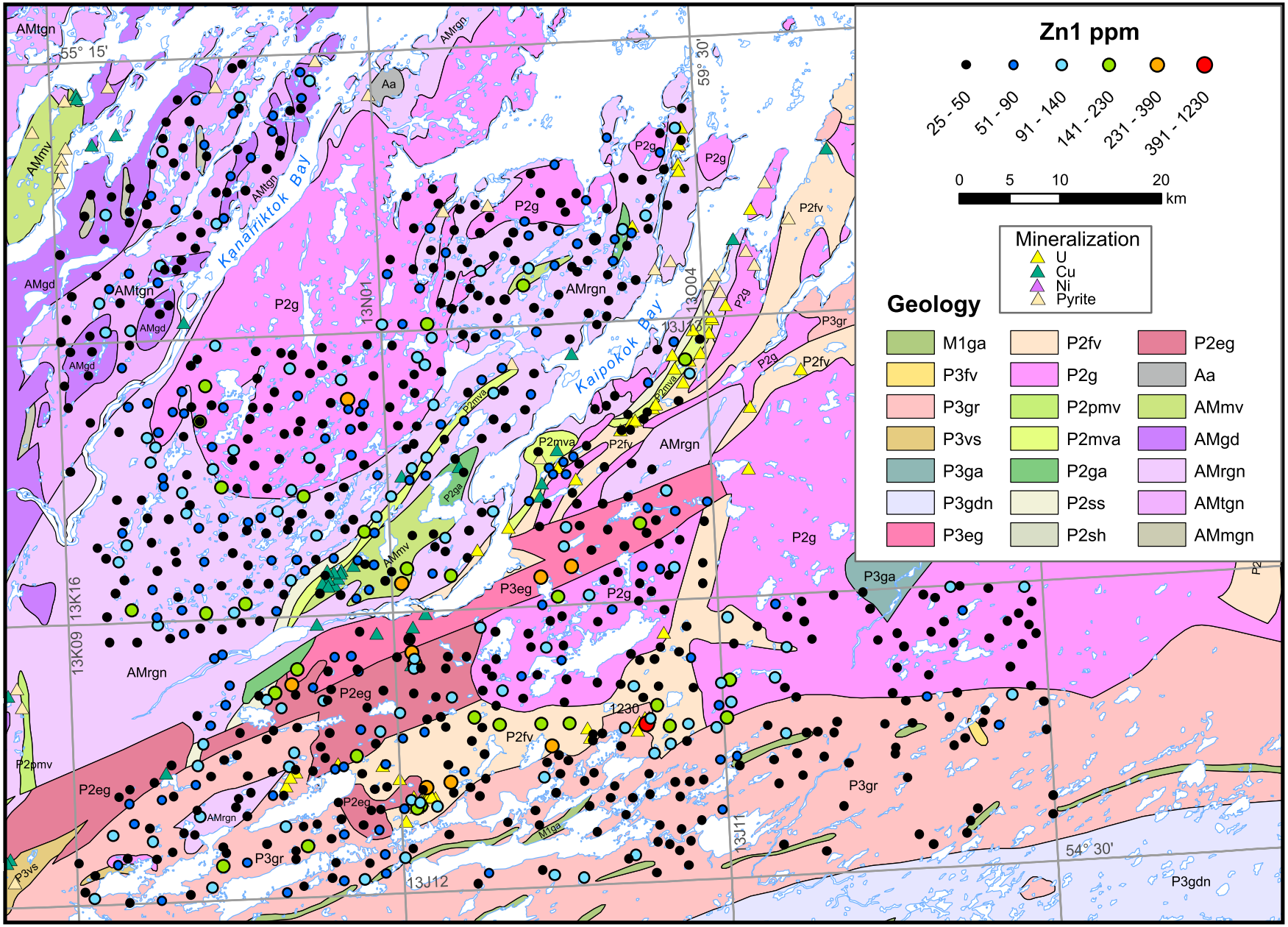

Figure 84. *Zinc (Zn1) in lake sediment.*

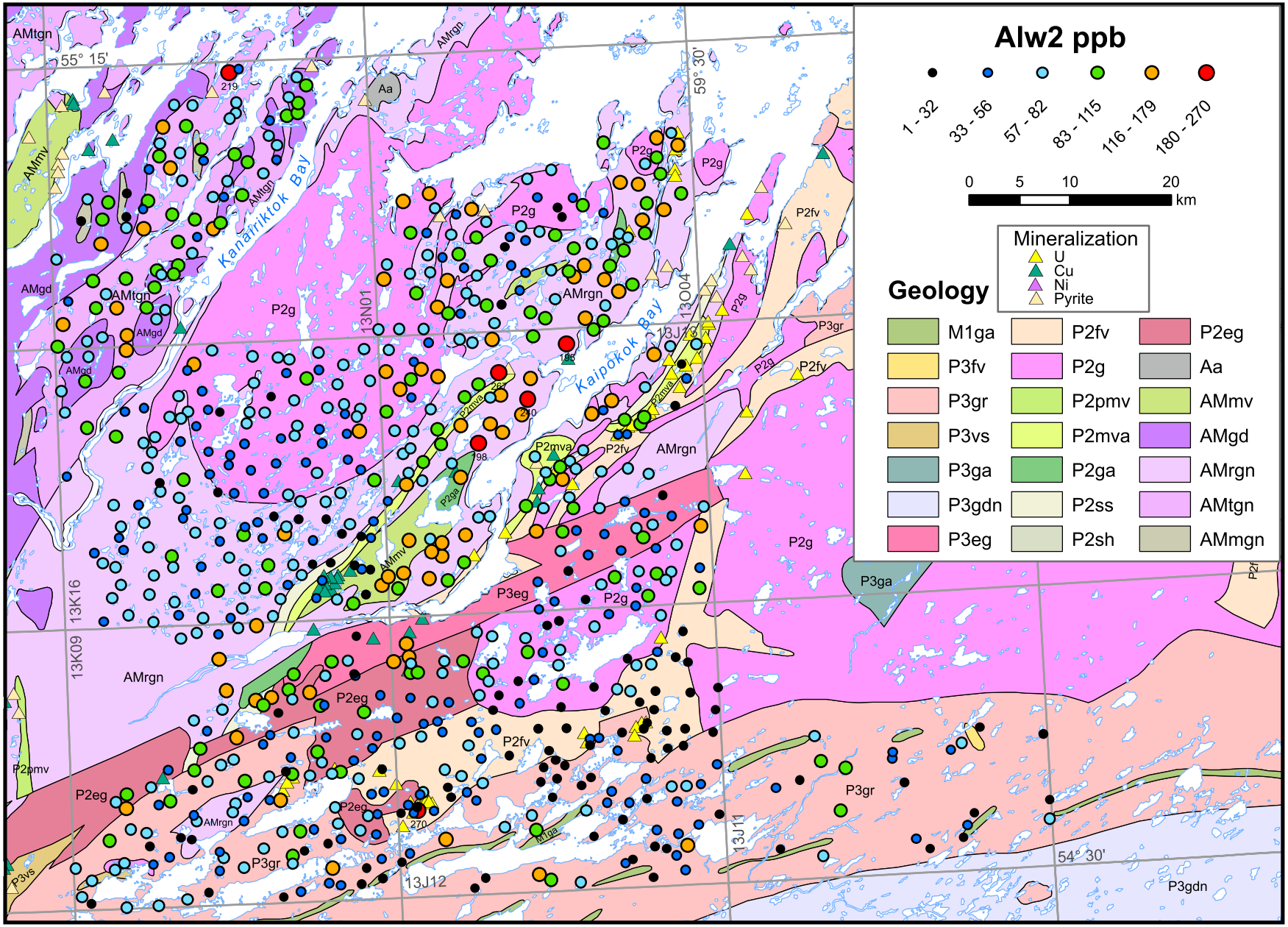

Figure 85. *Aluminum (Alw2) in lake water.*

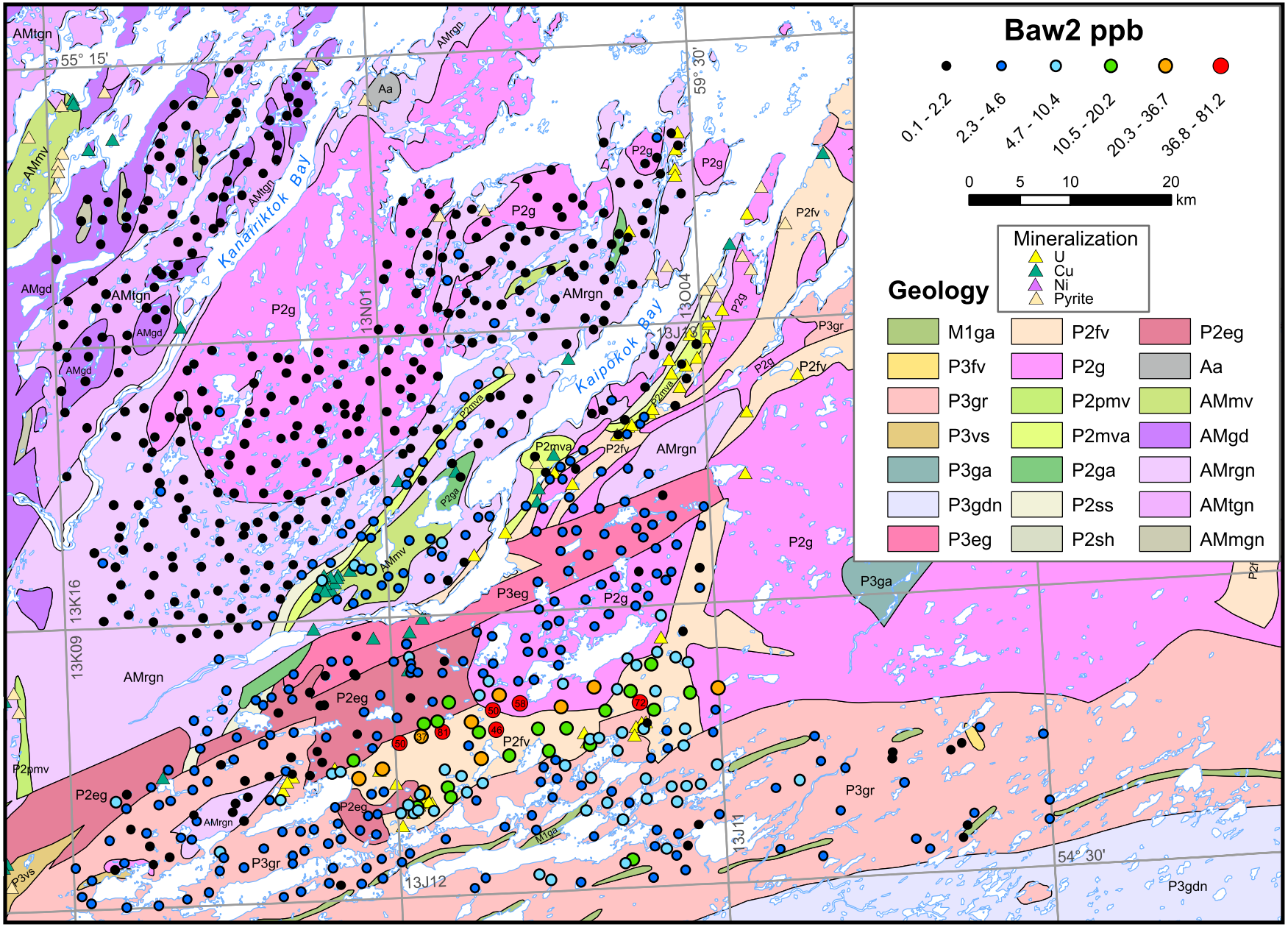

Figure 86. *Barium (Baw2) in lake water.*

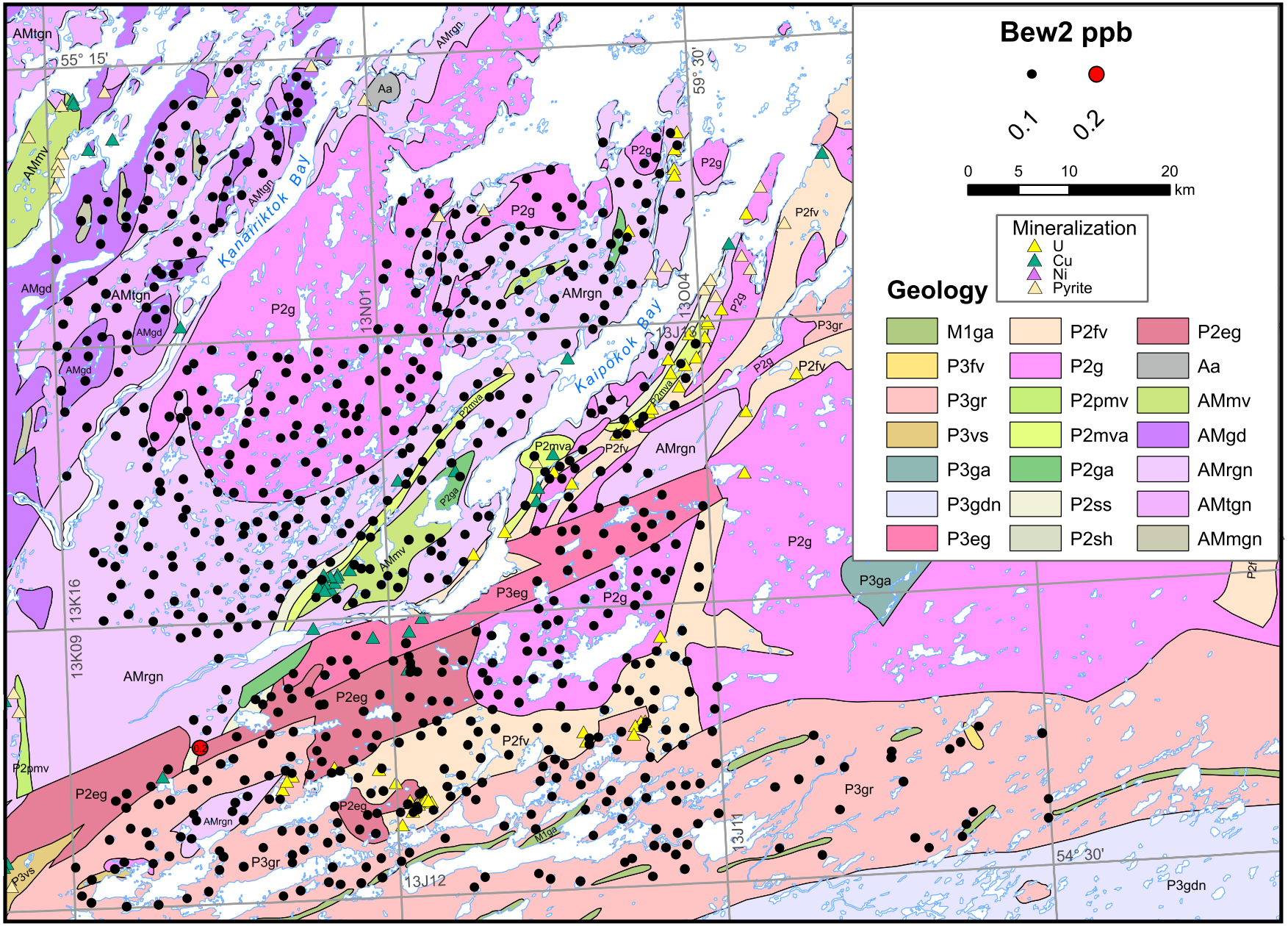

Figure 87. *Beryllium (Bew2) in lake water.*

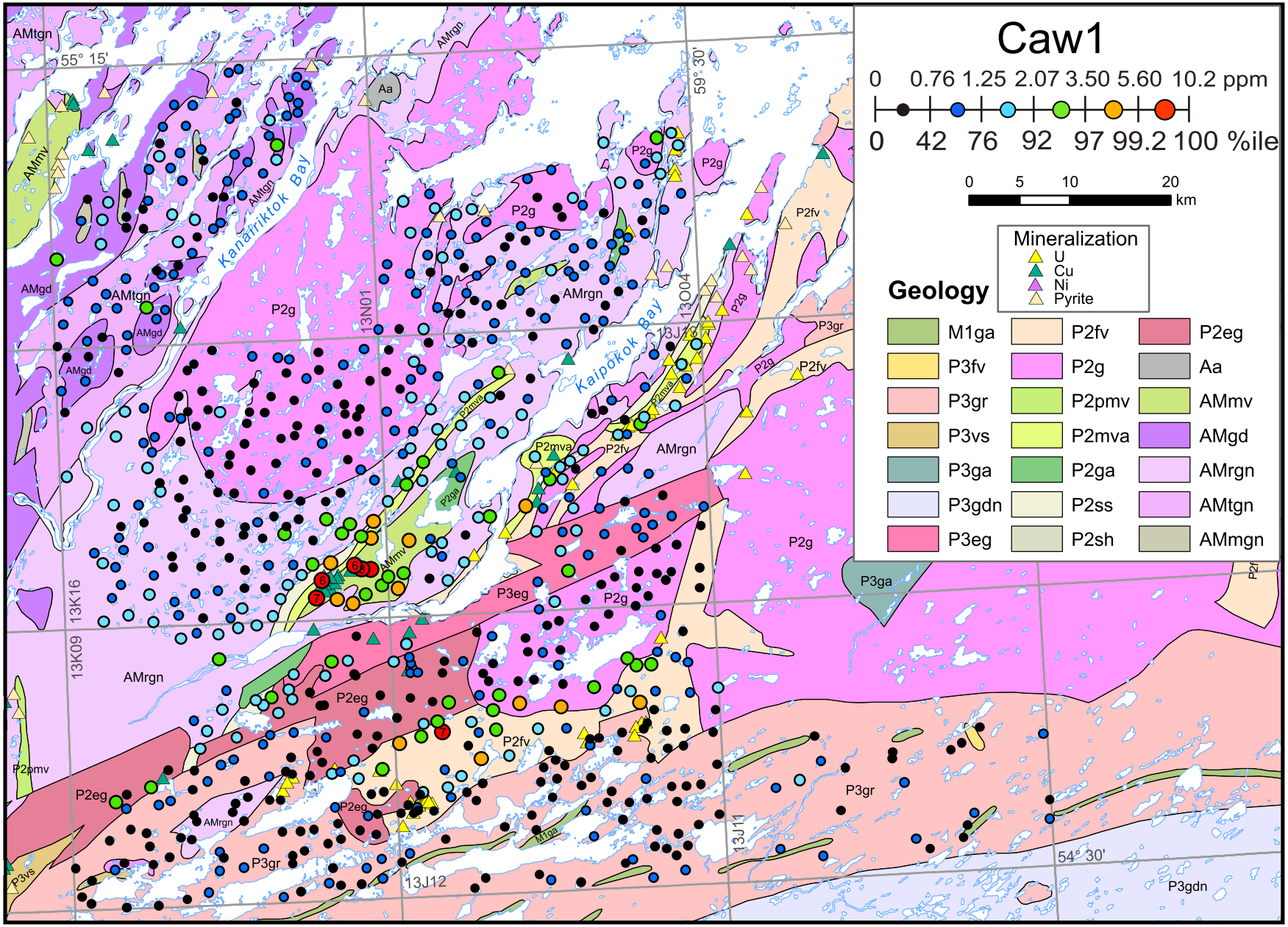

Figure 88. *Calcium (Caw1) in lake water.*

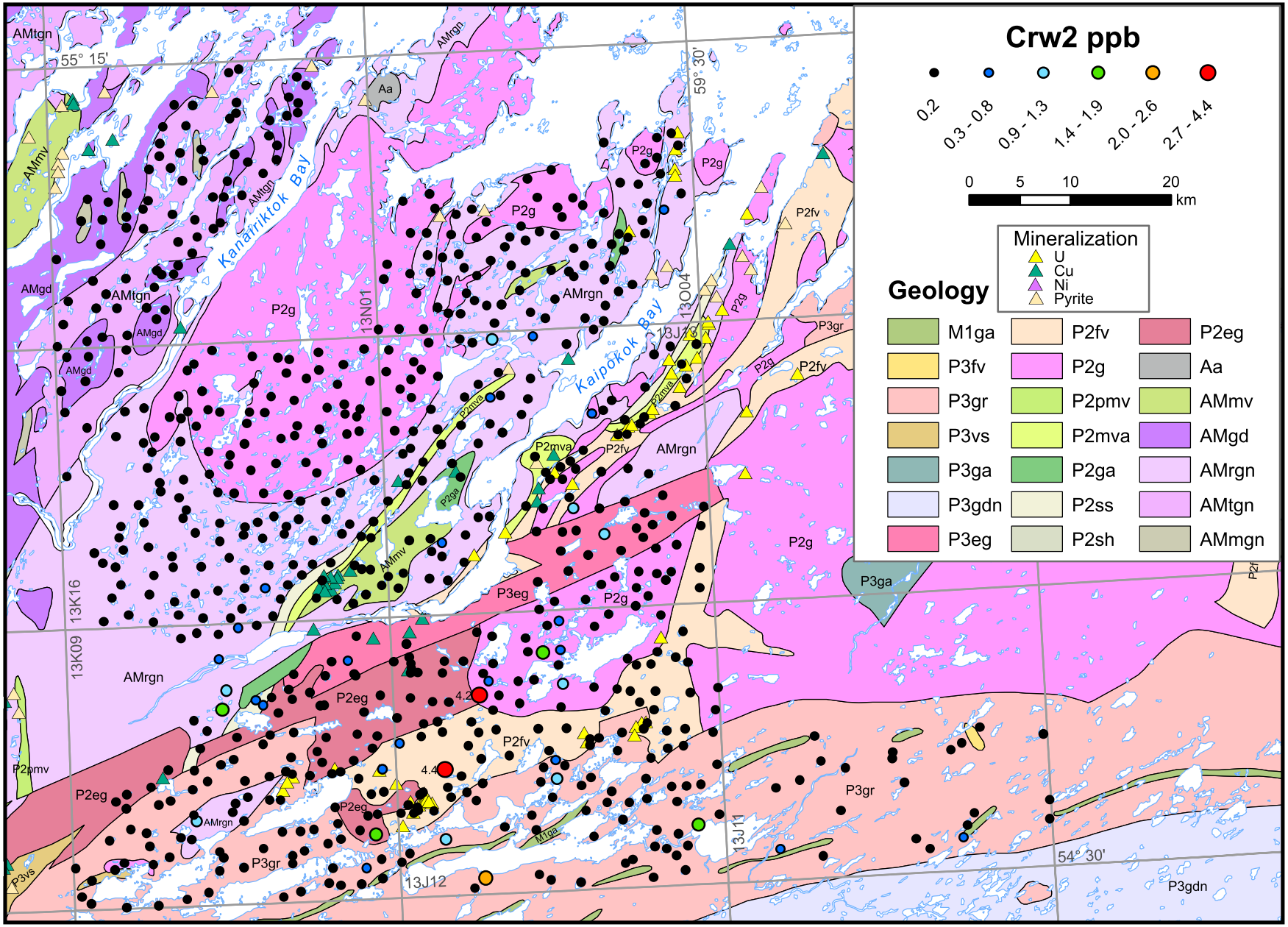

Figure 89. *Chromium (Crw2) in lake water.*

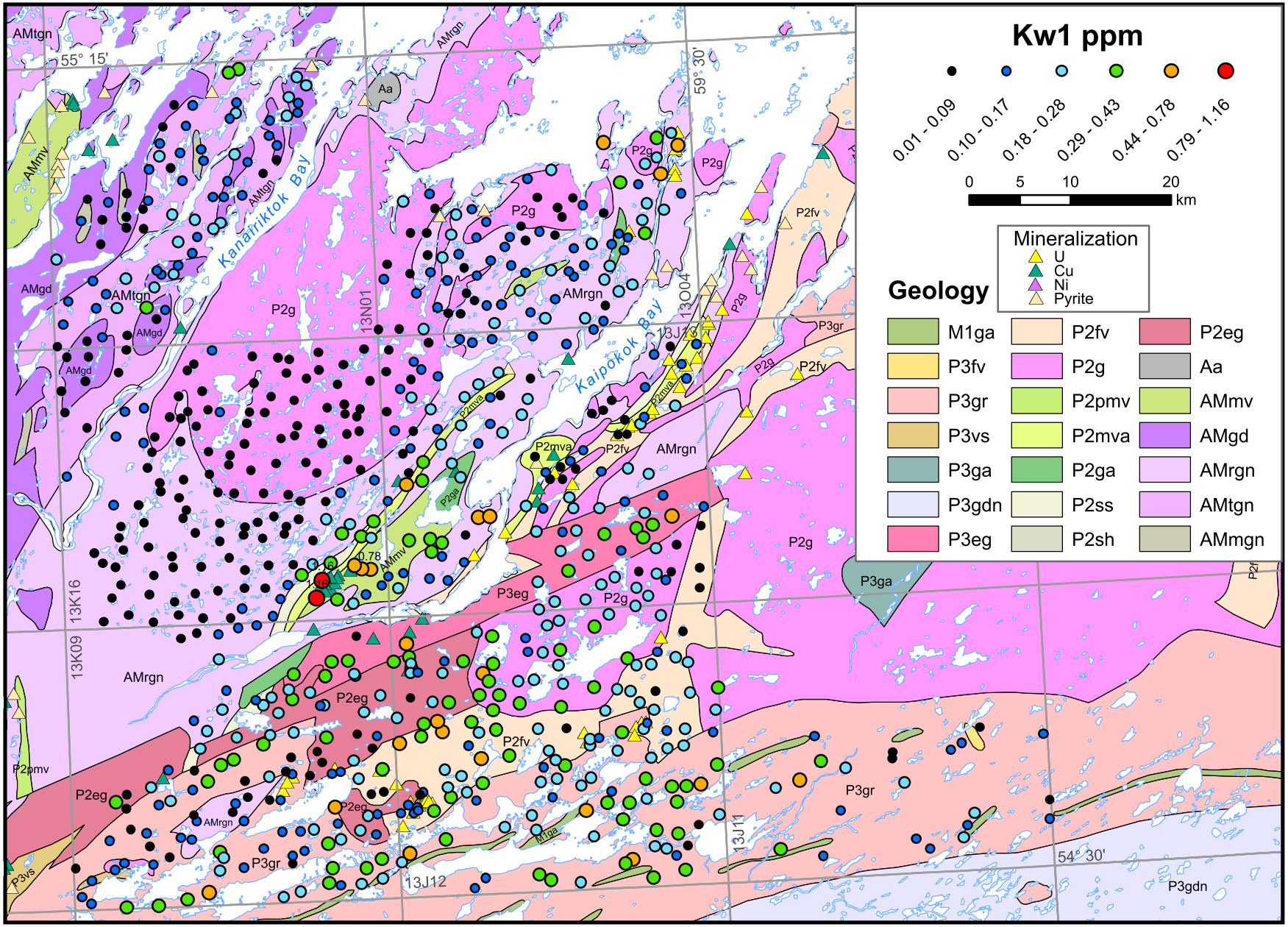

Figure 90. *Potassium (Kw1) in lake water.*

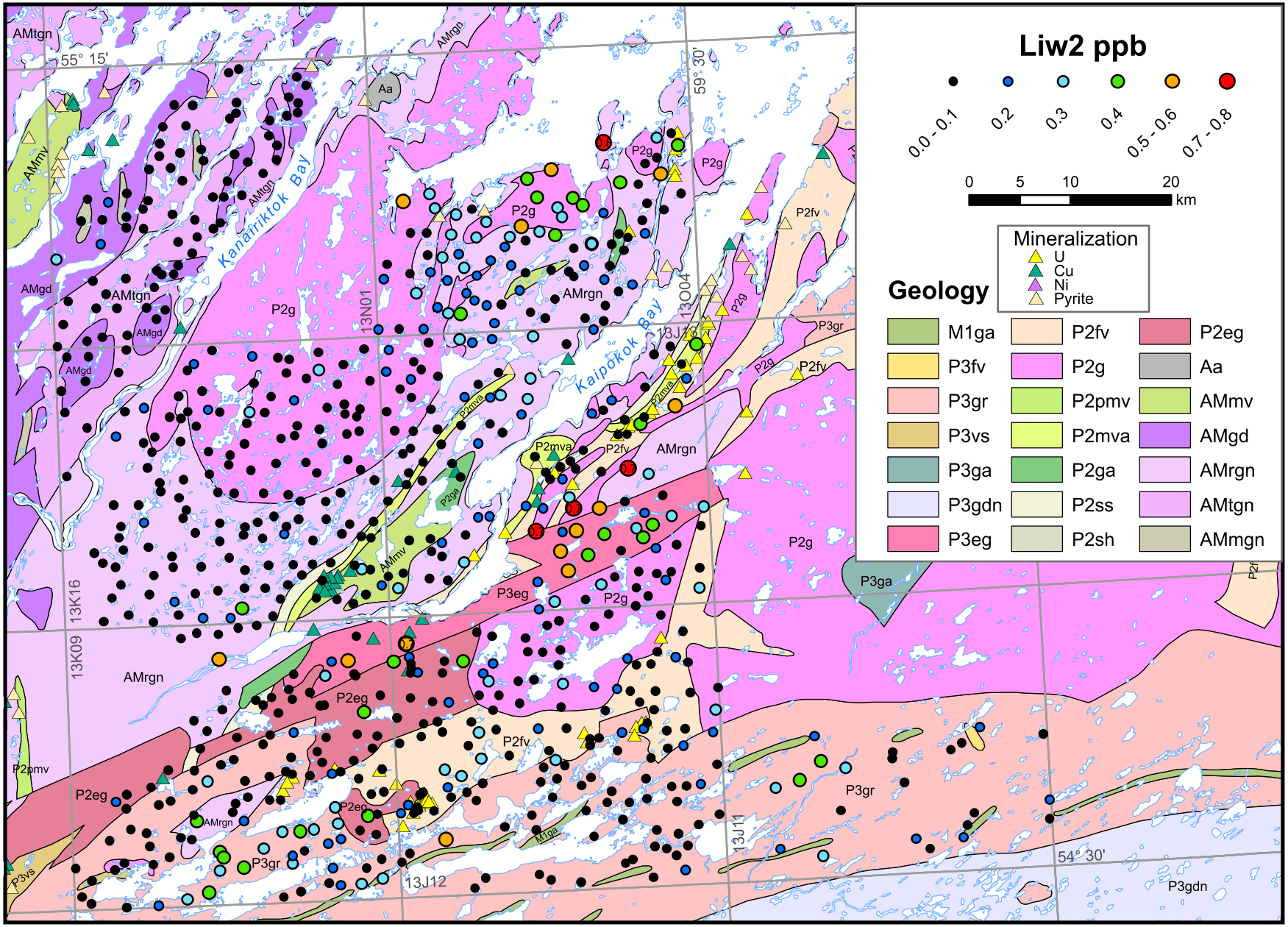

Figure 91. *Lithium (Liw2) in lake water.*

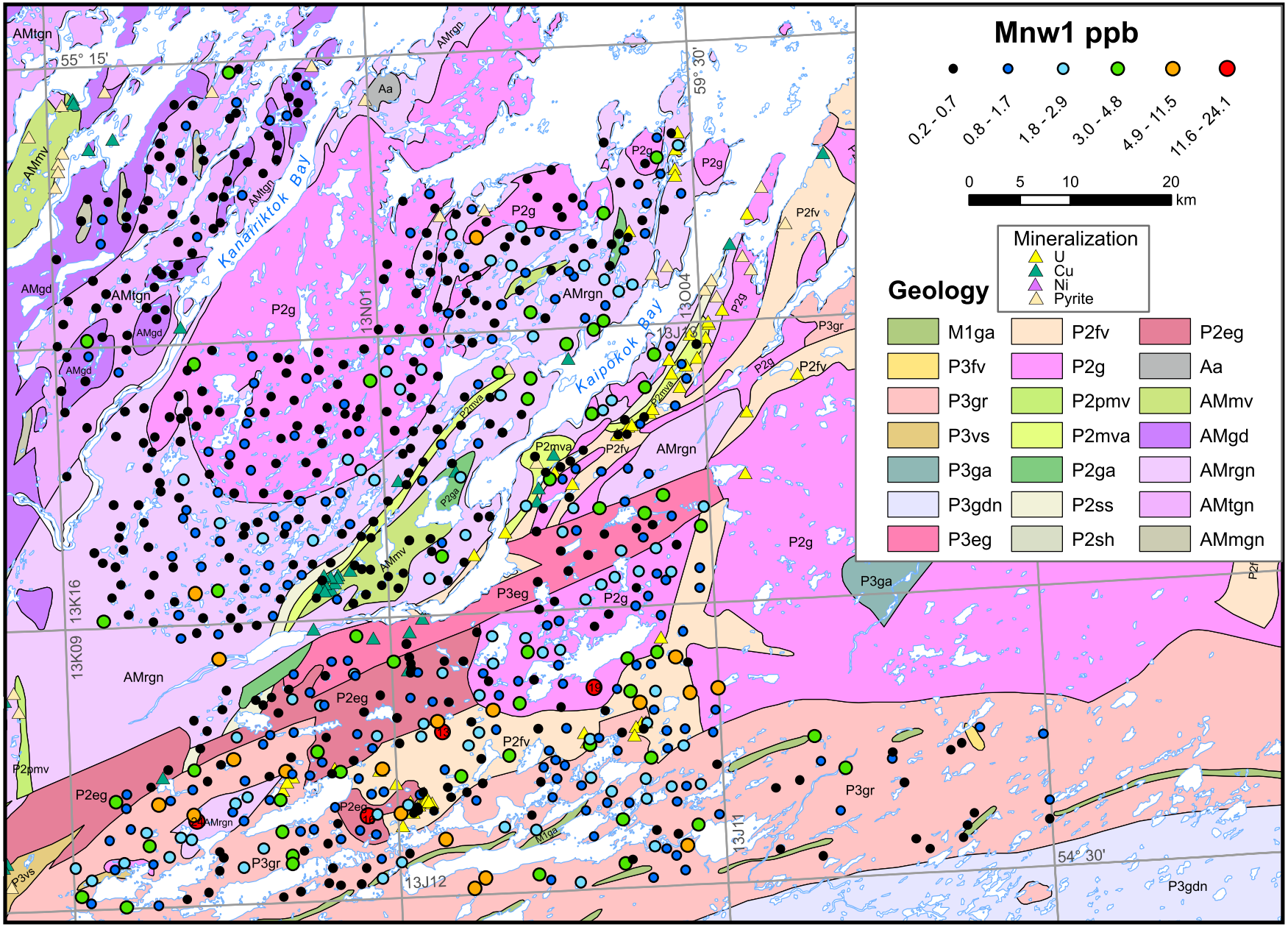

Figure 92. *Manganese (Mnw1) in lake water.*

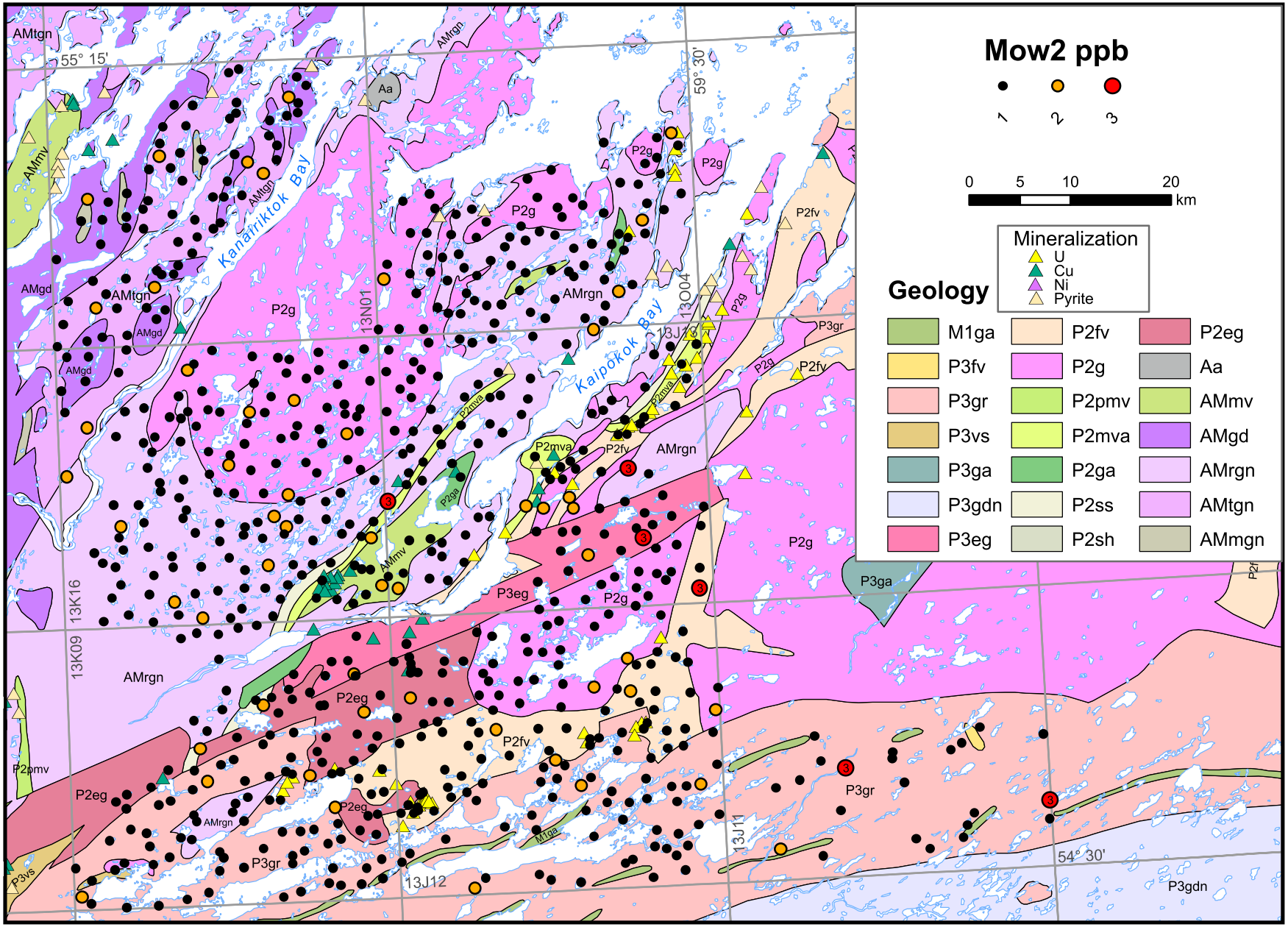

Figure 93. *Molybdenum (Mow2) in lake water.*

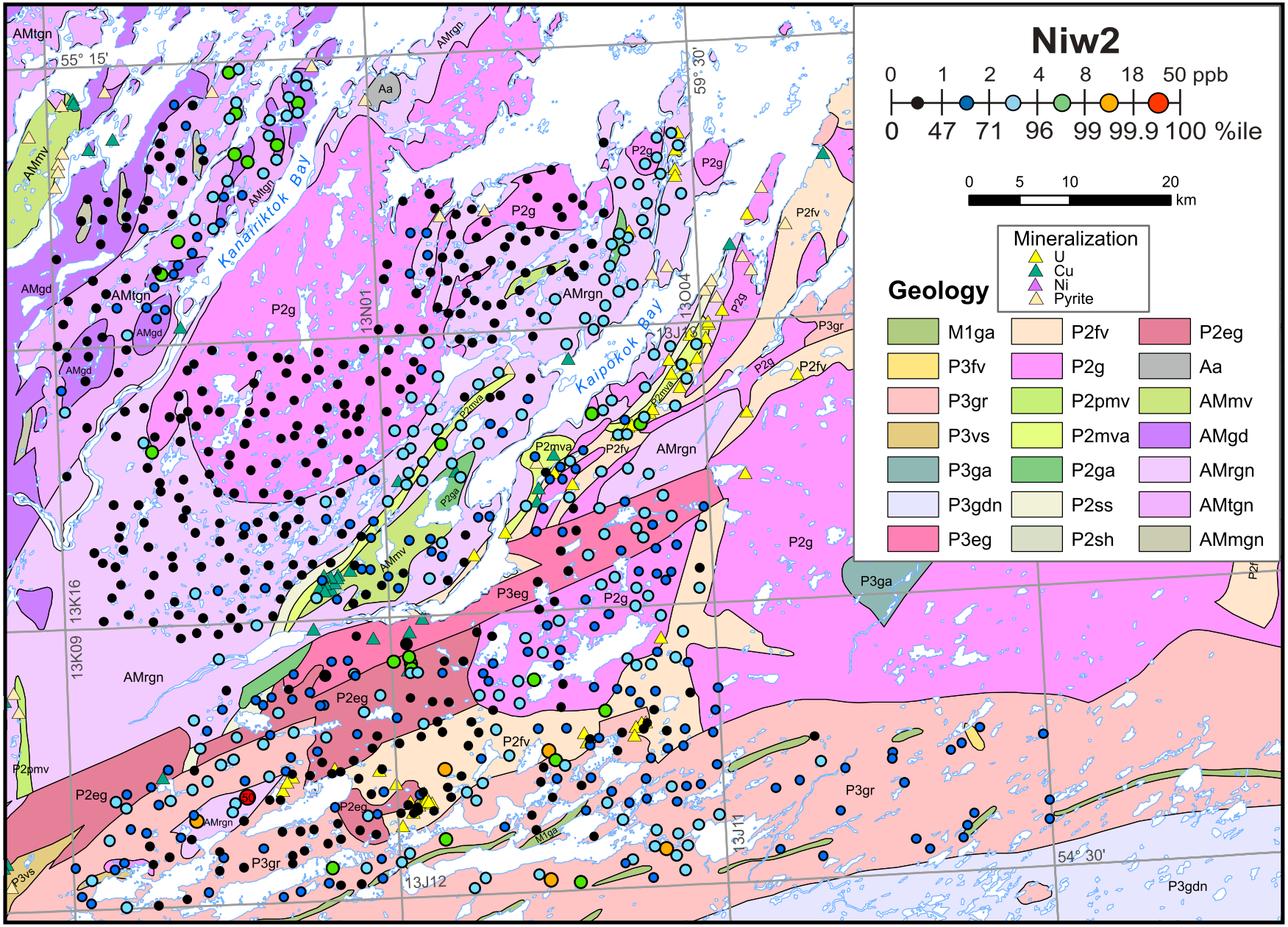

Figure 94. *Nickel (Niw2) in lake water.*

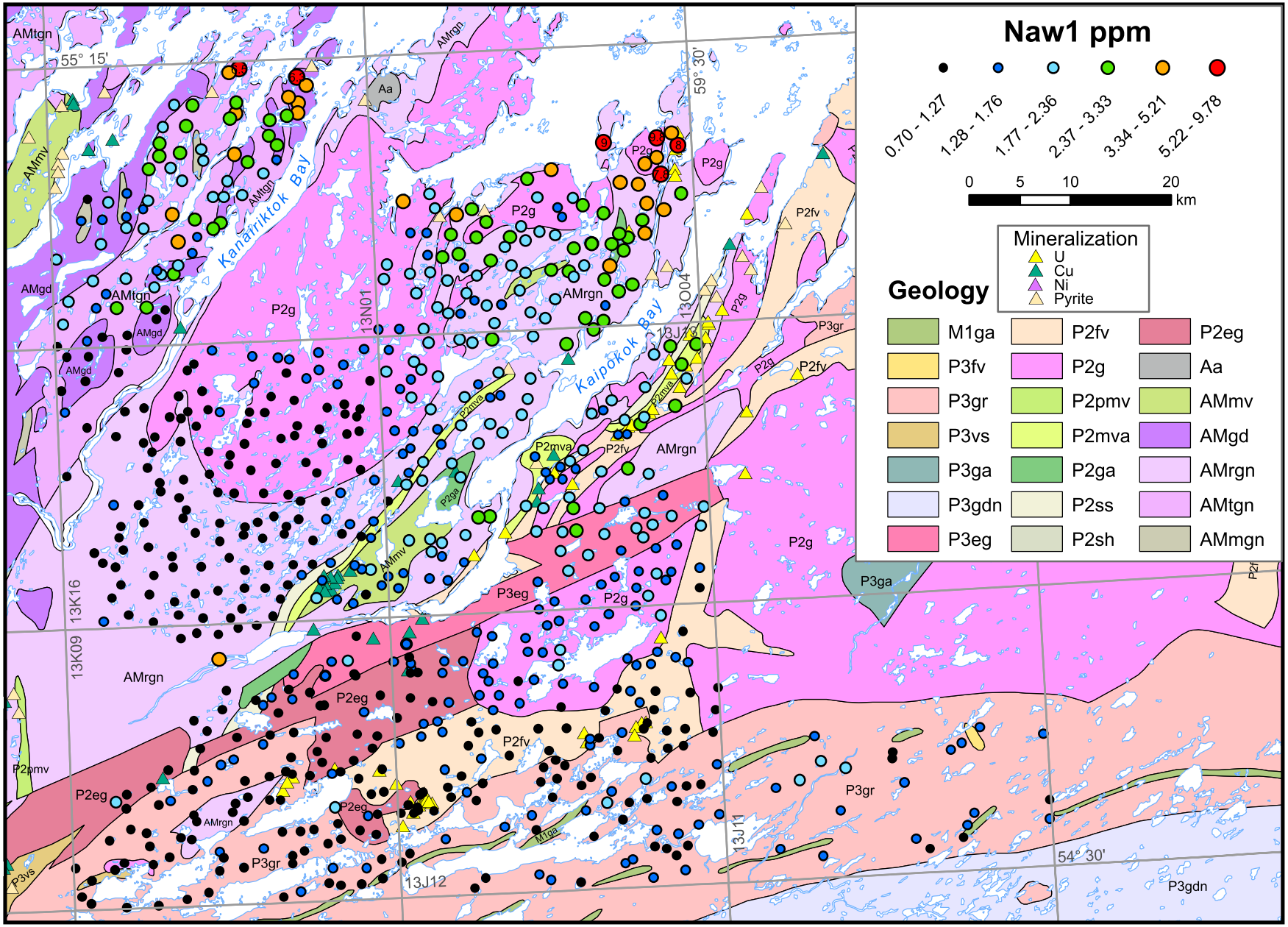

Figure 95. *Sodium (Naw1) in lake water.*

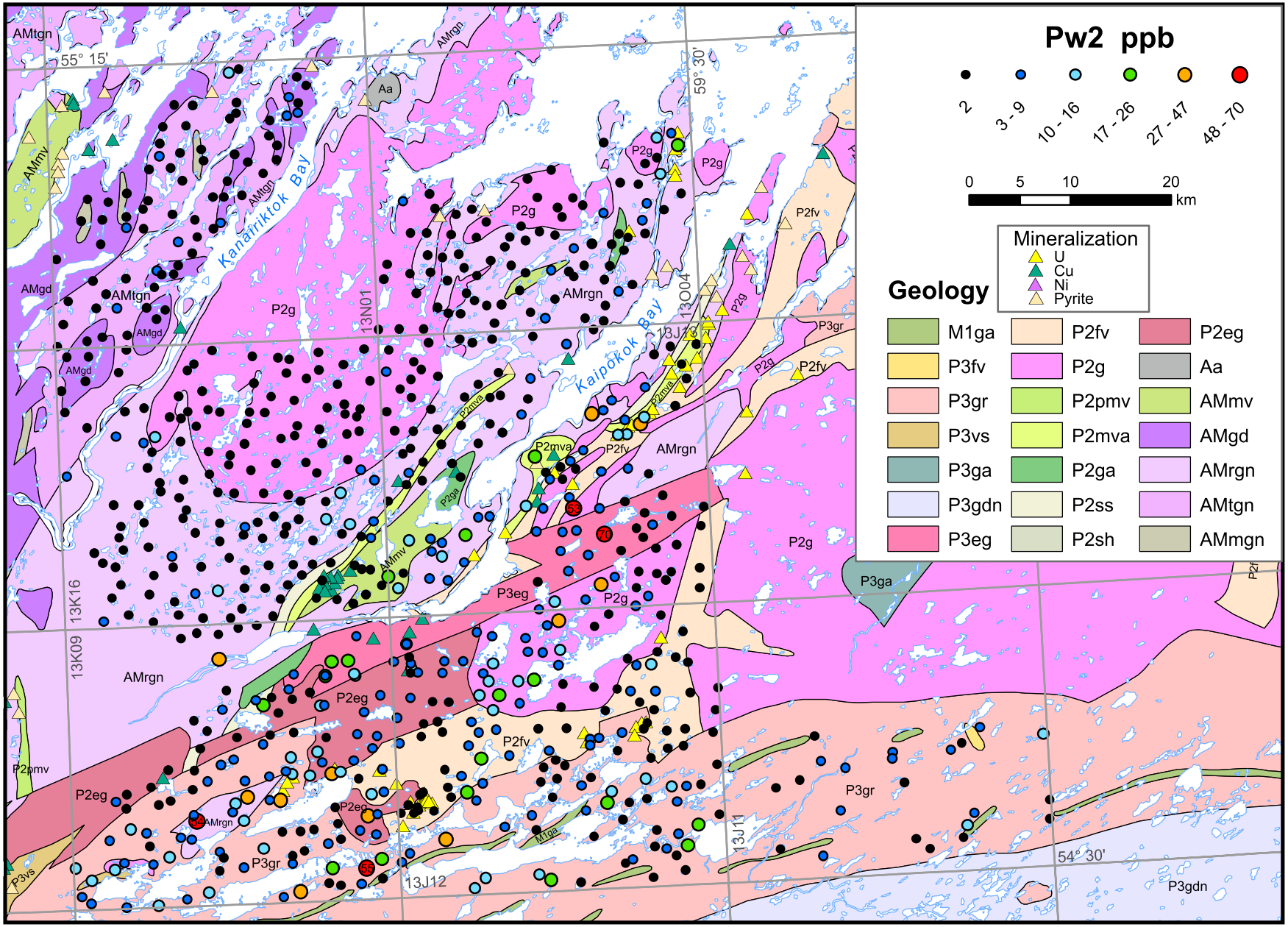

Figure 96. *Phosphorous (Pw2) in lake water.*

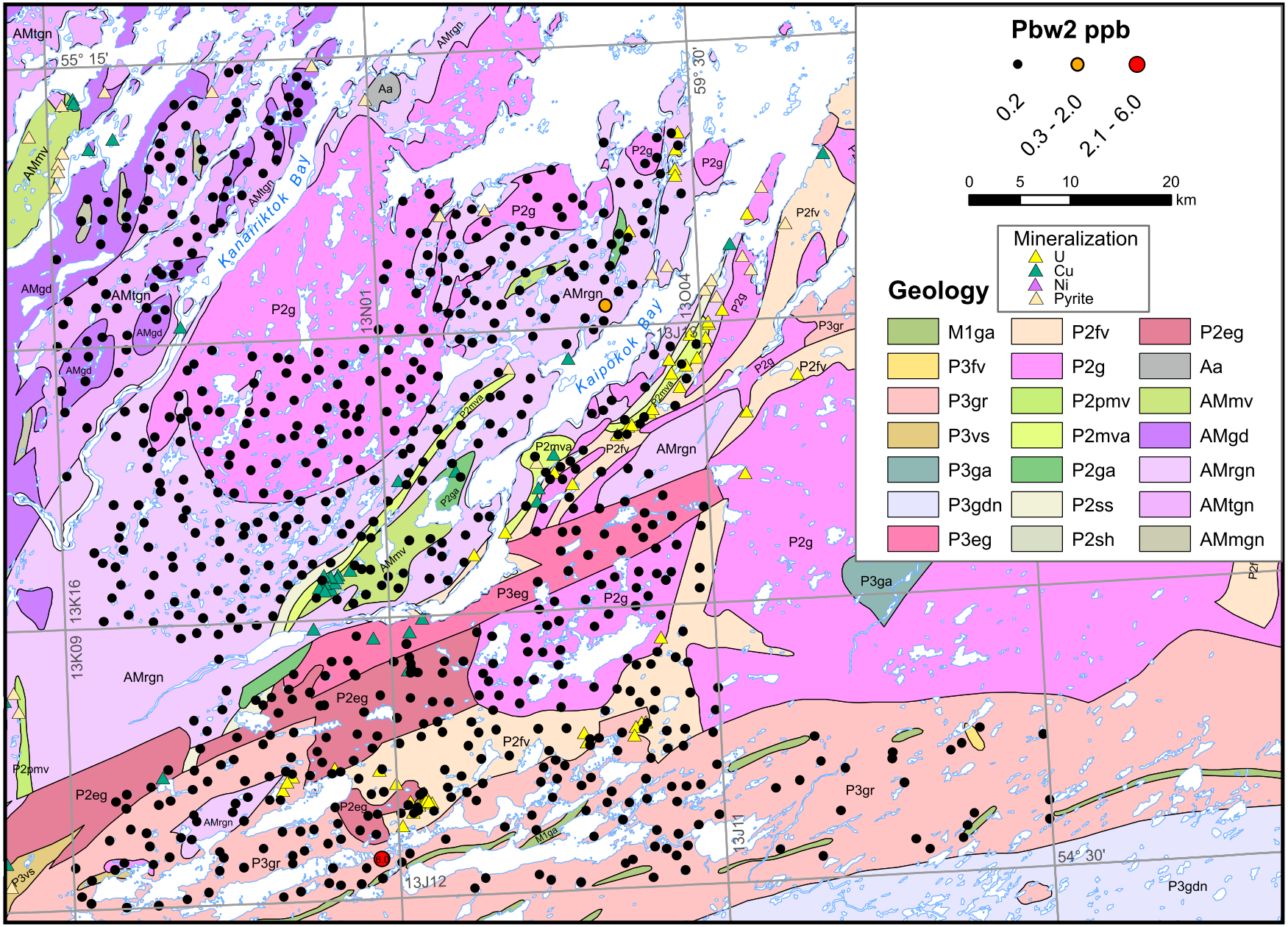

Figure 97. *Lead (Pbw2) in lake water.*

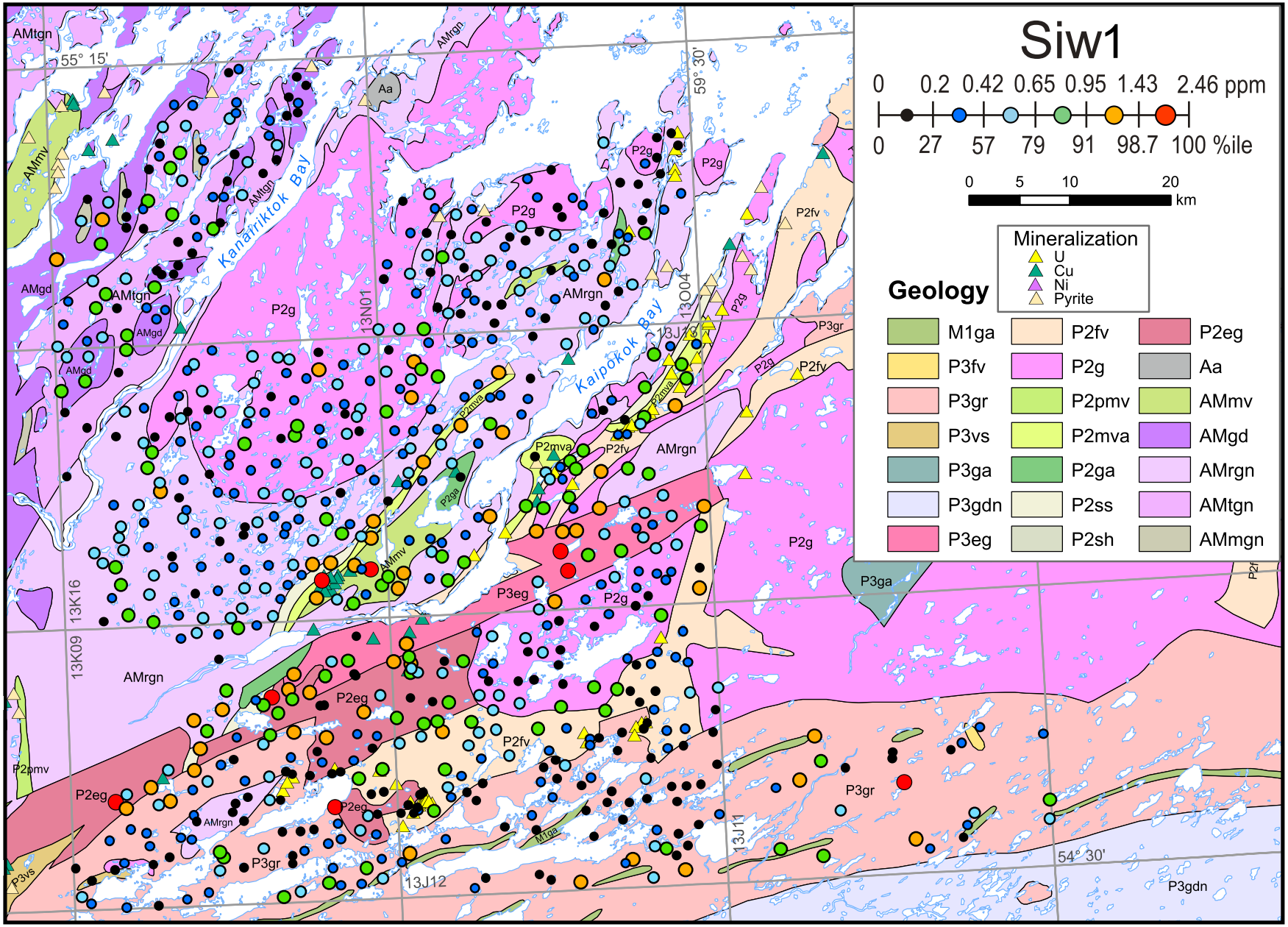

Figure 98. *Silicon (Siw1) in lake water.*

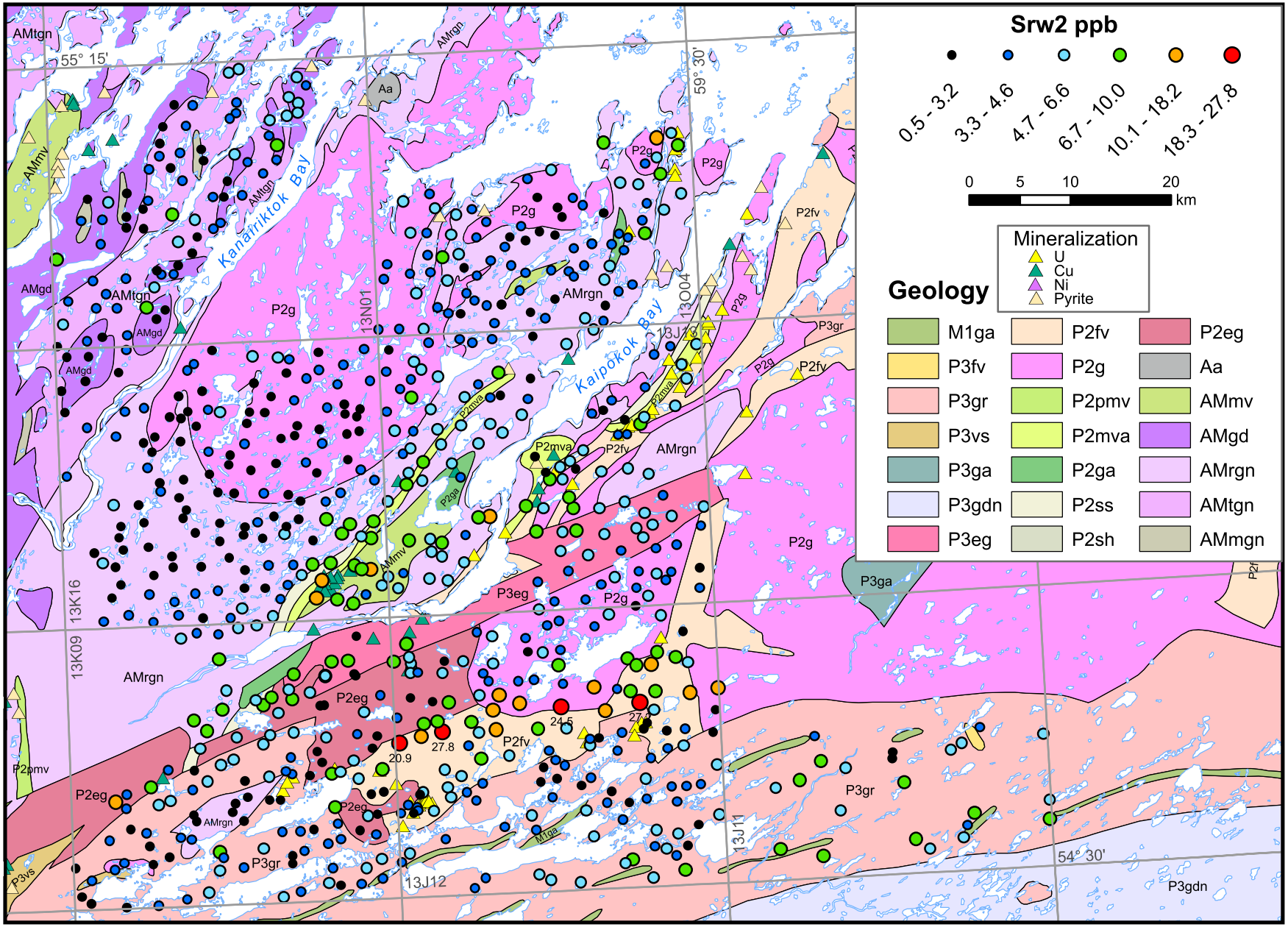

Figure 99. *Strontium(Srw2) in lake water.*

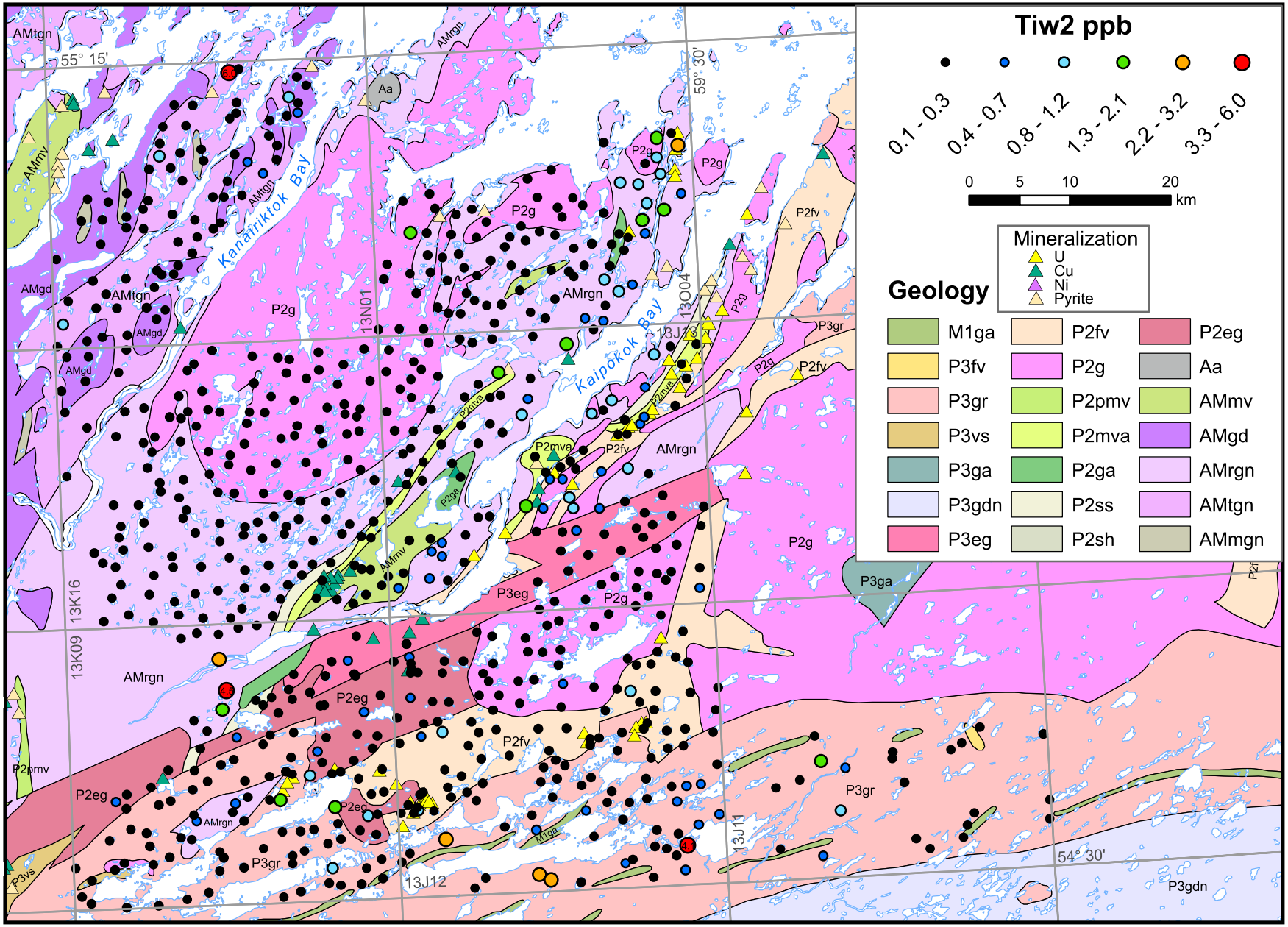

Figure 100. *Titanium (Tiw2) in lake water.*

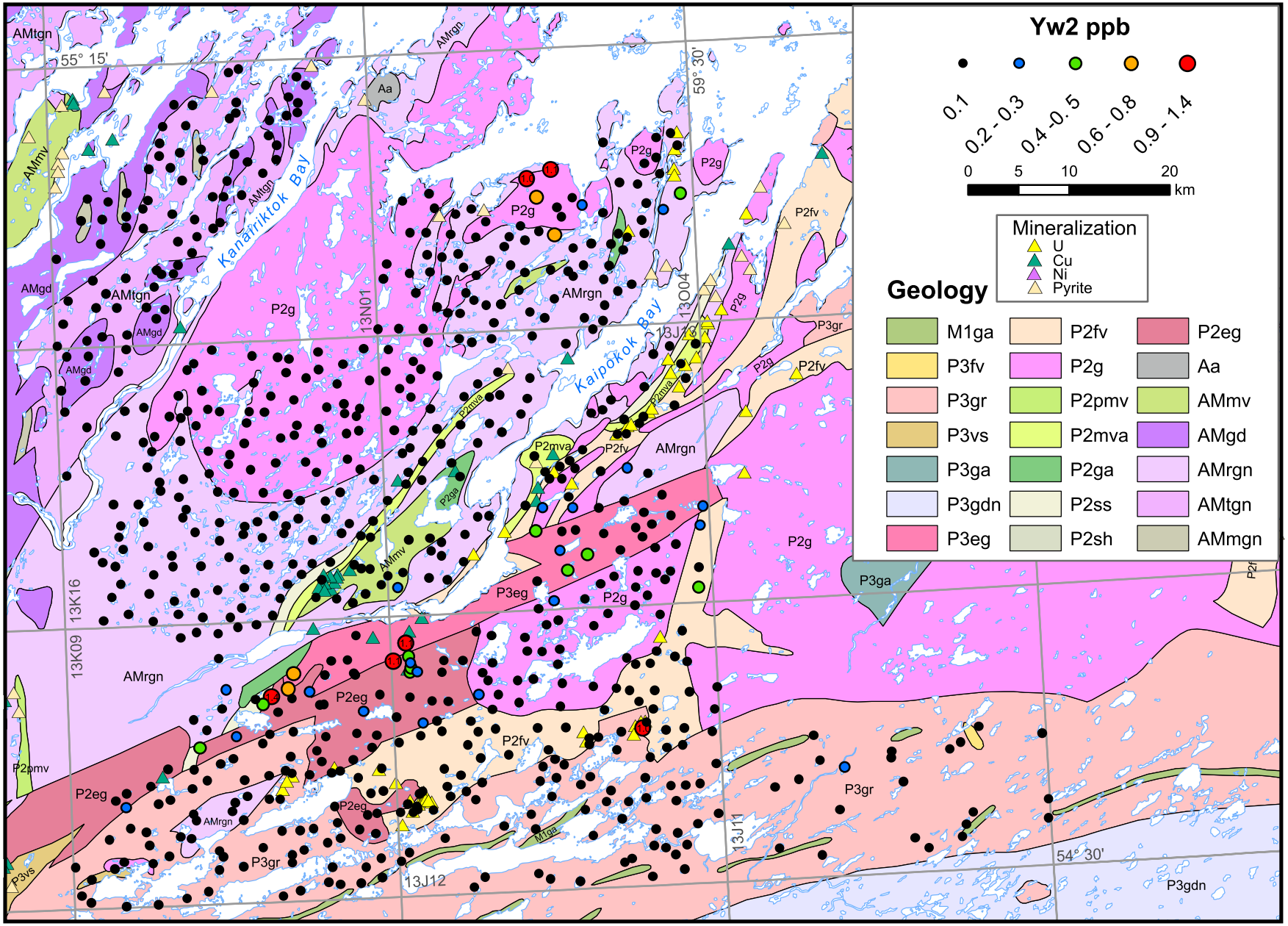

Figure 101. *Yttrium (Yw2) in lake water.*