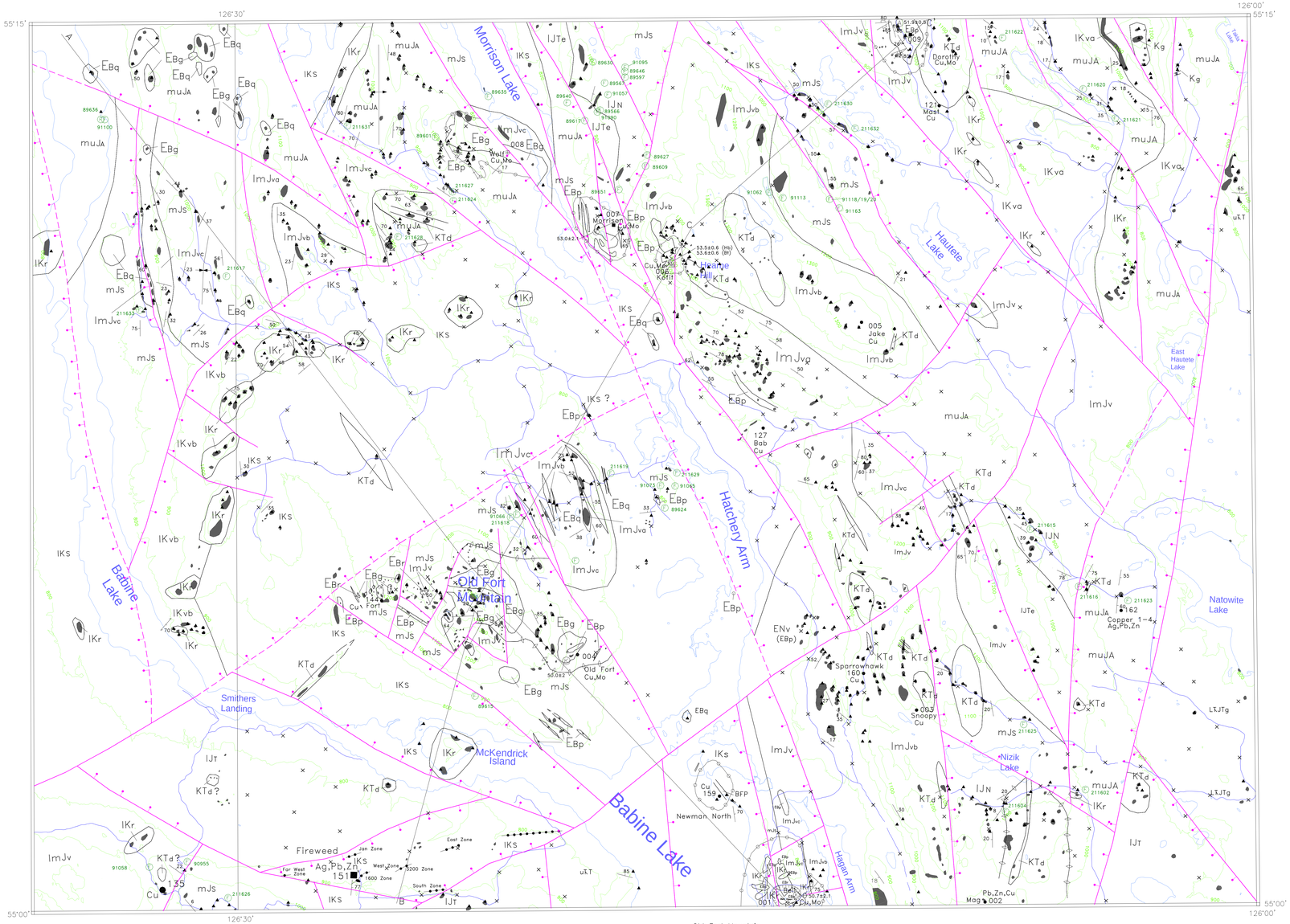

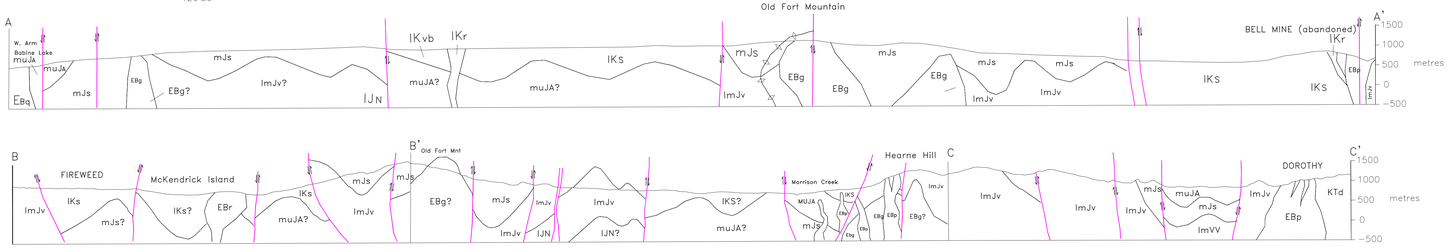

BRITISH COLUMBIA
Ministry of Employment and Investment
Energy and Minerals Division
Geological Survey Branch

OPEN FILE 1997–10

A contribution to the Nechako NATMAP project

BEDROCK GEOLOGY OF THE OLD FORT MOUNTAIN AREA NORTH–CENTRAL B.C.

NTS 93M/01

by D. MacIntyre, I. Webster and P. Desjardins

Scale 1:50 000

0 1 2 3 4 5

Kilometres

LAYERED ROCKS

EOCENE

OOTSA LAKE GROUP

ENv Newman volcanics: undivided hornblende–biotite–feldspar phyric andesite, volcanic breccia, lahar and volcanic conglomerate; may include basaltic andesite members.

LOWER CRETACEOUS

SKEENA GROUP

IKS Red Rose Formation: medium to thin–bedded, dark grey, quartzose and micaceous sandstone, siltstone, shale, chert pebble conglomerate

IKr feldspar phyric, flow–banded, grey to cream, rhyodacite to rhyolite dome complexes; includes greenish grey feldspar porphyry on the Newman Peninsula; may include lapilli tuff and flow breccia.

IKvb interbedded greenish grey feldspar porphyritic andesite, basalt, lapilli tuff, volcanic breccia and tuffaceous siltstone, carbonaceous, flow banded rhyolite clasts common

IKva medium to coarse grained, greenish grey trachytic feldspar porphyritic andesite to basaltic andesite flows locally coarse bladed porphyry with resorbed feldspar; may include texturally similar intrusions

UPPER JURASSIC

uJTc Trout Creek Formation: chert pebble conglomerate, quartzose wacke, siltstone

MIDDLE TO UPPER JURASSIC

muJA Ashman Formation: dark grey siltstone, argillaceous sandstone, minor granule and pebble conglomerate; thin to medium bedded; locally very fossiliferous; Callovian to Oxfordian ammonites and pelecypods locally contains wood and plant fossils

LOWER TO MIDDLE JURASSIC

HAZELTON GROUP

mJS Smithers Formation: greenish grey to maroon, well–bedded, shallow marine fossiliferous, feldspathic sandstone, siltstone, wacke and volcanic pebble conglomerate, locally glauconitic and tuffaceous; fossils are Aalenian to Bajocian ammonites and pelecypods.

lmJv Saddle Hill volcanics: interbedded green amygdaloidal and augite phyric basalt flows and volcanic breccia; flow top breccia; aquagene tuff; greenish grey lapilli tuff and breccia with angular felsic clasts; tuffaceous sandstone; ash flow tuff; flow–banded rhyolite

ImJvc volcanic sandstone, siltstone and tuff, minor pebble conglomerate, marine to non–marine; rare fossils

ImJva brown–weathering, greenish grey to green basaltic flows, breccia, and tuff; locally amygdaloidal and vesicular some hyaloclastite; minor interbedded marine siltstone, limestone; moderate to intense quartz–epidote.

ImJva grey to greenish grey ash flow tuff, ignimbrite, lapilli and crystal tuff, minor volcanic breccia and conglomerate; feldspar phyric; Toarcian U–Pb isotopic ages.

IJN Niklitkwa Formation: dark grey, thin to thick, well–bedded, shallow to deep marine feldspathic siltstone, wacke, argillite; minor pebble conglomerate and limestone near base; overlies Telkwa Formation volcanics; fossils are Late Sinemurian to Late Pliensbachian.

IJT Telkwa Formation: undivided maroon air fall tuffs, feldspar phyric andesite flows and volcanic breccia, amygdaloidal basalt flows, related epiclastic and volcaniclastic rocks; Sinemurian or older.

IJTe Basalt member: maroon to greenish–grey amygdaloidal basalt, minor flow top breccia; locally augite phyric; calcite and chlorite filled amygdules, in part submarine

UPPER TRIASSIC

TAKLA GROUP

uKT undivided limestone and interbedded marine sediments with Norian macrofossils; may include greenish–grey augite phyric basaltic flows, volcanic breccias and tuffs; augite phyric volcanic sandstone and related epiclastics

INTRUSIVE ROCKS

EOCENE

BABINE INTRUSIONS

EBq grey, medium–grained, crowded quartz+/–biotite–feldspar porphyry dykes and plugs; slightly younger than biotite–feldspar porphyry; main host for porphyry copper mineralization.

EBp dark grey, fine–grained, crowded biotite+/–hornblende–feldspar porphyry dykes and plugs; K–Ar isotopic ages range from 50.2 to 55.8 Ma.; Ar–Ar age 51.4 Ma; important porphyry copper deposits are associated with these intrusions.

EBg grey to greenish grey, medium to coarse–grained biotite–hornblende quartz diorite and granodiorite; locally porphyritic; cut by dykes of biotite–hornblende–feldspar porphyry and quartz–feldspar porphyry

EBd medium to coarse–grained, greenish grey hornblende–augite diorite, minor gabbro; may include intrusions older than Eocene.

EBr flow–banded rhyolite to dacite; dykes and flow dome complexes; may include texturally similar Middle Cretaceous intrusions.

CRETACEOUS

Kg grey, medium–grained granodiorite, quartz diorite; locally porphyritic

JURASSIC to CRETACEOUS

KTd dark grey diorite, gabbro and basalt dykes and stocks; age uncertain

LATE TRIASSIC to EARLY JURASSIC

TOPLEY INTRUSIONS

LTJT undivided pink to red weathering, potassium feldspar rich quartz monzonite, monzonite, megacrystic granite and rhyolitic to aplitic dykes.

SYMBOLS

- Geological boundary: defined; approximate; assumed
- High–angle fault, ball on downdropped side: defined; approximate; assumed
- Thrust fault, teeth in direction of dip: defined; approximate; assumed
- Cross–section line
- Bedding: inclined, vertical, overturned
- Jointing: inclined, vertical
- Anticline; syncline
- Fossil location: age determined (with GSC number): macrofossil, conodonts, radiolarian
- Field station
- Till geochem sample site (OF 1997–10a)
- MINFILE mineral occurrence with number: past producer (abandoned mine); developed prospect; prospect; showing
- Isotopic age locality: K/Ar (Carter, 1974); Ar/Ar (this study)
- Area of outcrop
- Limit of hornfels
- Limit of pyrite
- Road

MINFILE Mineral Occurrences

No.	Name	Commodities	Type
001	Bell	Cu, Ag, Au	Porphyry
002	Mag	Pb, Zn, Cu	Vein
003	Snoopy	Cu	unknown
004	Old Fort	Cu	Porphyry
005	Jake	Cu	unknown
006	Hearne Hill	Cu, Au, Ag	Porphyry
007	Morrison	Cu, Au	Porphyry
008	Wolf	Cu, Mo	Porphyry
009	Dorothy	Cu	Porphyry
121	Mast	Cu	Porphyry
127	Bab	Cu	Vein
144	Fort	Cu	Porphyry
151	Fireweed	Ag, Pb, Zn	Epithermal? vms? vein?
159	Newman N.	Cu	Porphyry
160	Sparrowhawk	Cu	Vein
162	Copper 1–4	Cu	Vein

SOURCES OF MAP DATA

Geology based on mapping completed by D.MacIntyre, I.Webster and K.Bellefontaine, June–September, 1995
Fossil identifications by T.Poulton and H. Tipper, radiometric dating by M. Villeneuve, Geological Survey of Canada.
Warning: Data is preliminary and current to January, 1998 only.

For more information refer to the following report:
MacIntyre, D.G., Webster, I.C.L., Bellefontaine, K.A. (1996): Babine Porphyry Belt Project: Bedrock Geology of The Fulton Lake Map Area, British Columbia; in Geological Fieldwork 1995, Grant, B., Newell, J.M., Editors, B.C. Ministry of Energy, Mines and Petroleum Resources, Paper 1996–1, pages 11 to 35

Other sources of geological data used are listed below.

Carter, N.C. (1973): B.C. Min. of Energy, Mines & Pet. Res., Prelim. Map 12
Carter, N.C. et al. (1995): CIM Special Volume 46
Dirom, G. et. al. (1995): Granisle, CIM Special Volume 46
Leahey, M.W. (1982): Sat Claims, Assess. Rept. 10688
Leary, G.M. and Allen J.F. (1972): Lennac Lake, Assess. Rept. 3807
Richards, T.A. (in press): Smithers Map Area, GSC 1:250,000 scale map
Tipper, H.W. and Richards, T.A. (1976): Smithers Area, GSC Open File map 351

Transverse Mercator Projection
North American Datum 1983
Base map compiled from 1:20,000 scale, TRIM digital maps produced by B.C. Min. Environment, Lands & Parks.

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TILL GEOCHEMISTRY OF THE OLD FORT MOUNTAIN MAP AREA, CENTRAL BRITISH COLUMBIA (NTS 93M/1)

By Victor M. Levson, Stephen J. Cook, Jennifer Hobday, Dave H. Huntley, Erin K. O'Brien, Andrew J. Stumpf and Gordon Weary

OPEN FILE 1997-10a

INTRODUCTION

This paper describes selected results of a till geochemical sampling program conducted in the Old Fort Mountain map area (NTS 93 M/1) by the British Columbia Geological Survey as part of a comprehensive survey of the entire Babine copper porphyry belt. The results of complimentary lake sediment geochemistry and bedrock geology mapping programs are presented by Cook *et al.* (1997a, b) and MacIntyre *et al.* (1997a, b in pocket), respectively. The surficial geology of the map area was provided by Huntley *et al.* (1996). The geochemical data discussed in this paper has previously been presented in a digital format (Levson *et al.*, 1997a). Complete till geochemistry results for the entire Babine copper porphyry belt will be provided in an upcoming publication.

The map area occurs at the northern end of the Nechako Plateau in the Babine Lake region and covers the central part of the Babine porphyry belt. Copper porphyry mineralization in the study area is hosted in Eocene Babine intrusives. Major deposits include the former Bell and Granisle copper mines. Porphyry copper deposits remain the primary exploration target in this region and several active porphyry properties, including the Hearne Hill prospect, are within the bounds of the map area.

The purpose of the regional till geochemistry program is to improve the existing geochemical database of the area. This information will help to better assess the mineral potential of the region and thus increase the possibility of new discoveries. The Nechako Plateau is characterized by subdued topography, an extensive drift cover and poor bedrock exposure which have hindered mineral exploration in the Babine porphyry belt. Results of the till geochemical survey are expected to provide useful new data to stimulate further exploration.

Two approaches to till geochemical studies in the Babine porphyry belt have been employed by the British Columbia Geological Survey: 1) regional geochemical surveys to identify geochemically anomalous sites for follow-up by the mineral exploration industry and 2) detailed investigations around areas of known mineralization to evaluate the effects of surficial processes on geochemical distribution patterns, refine models of glacial dispersal in montane and plateau areas and develop methods of drift exploration applicable to the Interior Plateau. Surficial geology mapping was also conducted in conjunction with till geochemical sampling in order to understand the glacial history of the area and provide a basis for design of anomaly follow-up programs. Stratigraphic and sedimentologic studies of Quaternary deposits are also included in order to define the glacial history and aid in interpreting till geochemical data.

Regional till and lake sediment geochemical surveys and bedrock and surficial geology mapping programs have proven highly effective in stimulating mineral exploration in low-lying drift-covered regions of the northern Interior Plateau. For example, prior till and lake sediment geochemistry surveys in the Nechako River map area (NTS 93F) to the south were successful in delineating several areas of known mineralization (Cook *et al.*, 1995; Levson and Giles, 1997) and in revealing locations of new mineralized zones. For this reason, till geochemical studies in the Babine porphyry belt have been conducted in conjunction with ongoing bedrock geology mapping (MacIntyre *et al.*, 1997a, b), surficial geology mapping (Levson *et al.*, 1997a) and regional lake sediment geochemistry (Cook *et al.*, 1997a, b) components. These studies are part of the Nechako National Mapping (NATMAP) Project, a joint project of the British Columbia Geological Survey Branch, the Geological Survey of Canada and university researchers.

DESCRIPTION OF SURVEY AREA

The Old Fort Mountain map area lies at the northern end of the Nechako Plateau, in the west-central part of the Interior Plateau (Holland, 1976). Physiographically, the map area is dominated by a low mountain range that trends southeasterly through the centre of the map area and by the adjacent Babine Lake valley. The dominant feature in the highest mountain in the area is Old Fort Mountain (1570 m), rising above lake level at about 712 metres above sea level. Other peaks in the area include Hearne Hill (1370 m) in the north-central part of the map sheet and Wedge Mountain (1250 m) in the northeast corner, adjacent to the Northwest Arm of Takla Lake.

Well developed flutings and drumlinoid ridges, oriented roughly parallel to the Babine Lake valley, are dominant features in the area. In low-lying regions large glacial lakes formed and deposited extensive belts of glaciolacustrine sediments, generally below 950 metres elevation. Topography in these areas is subdued and older glacial landforms are often difficult to recognize.

PREVIOUS WORK

The surficial geology of the this part of the Babine porphyry belt was discussed by Huntley *et al.* (1996) and Levson *et al.* (1997c). Wittneben (1981) completed 1:50 000 scale terrain mapping in parts of the Hazelton map sheet (NTS 93 M/NW, NE, SW). Tipper (1971) and Plouffe (1994, 1996) completed reconnaissance mapping of Quaternary deposits south and west of the Babine area in other parts of the Nechako Plateau. A summary of 1:50,000 scale surficial geology mapping, conducted as part of the NATMAP and Interior Plateau programs, was

provided by Levson and Giles (1997). Nine regional (1:50 000-scale) surficial geology maps have been published as part of this work throughout the Nechako Plateau.

Till geochemical studies in the Babine region were described by Levson *et al.* (1997a). Recent till geochemical studies elsewhere in the Nechako Plateau were discussed by Levson and Giles (1997). Several case study investigations have been conducted to date, as part of the NATMAP and Interior Plateau programs (Levson and Giles, 1995, 1997; O'Brien *et al.*, 1995; O'Brien, 1996; Stumpf *et al.*, 1996, 1997). An overview of drift prospecting methods and research of particular relevance to the Interior Plateau region was completed by Kerr and Levson (1997). A discussion of current methods of exploration in the southern Nechako Plateau area, typical problems encountered and information that can be used to develop and refine drift exploration methods, was provided by Levson and Giles (1997).

FIELD AND LABORATORY PROCEDURES

FIELD METHODS

Surficial geology mapping was completed by interpretation of air photographs, field checking existing terrain map data and stratigraphic and sedimentologic studies of Quaternary exposures in the map area. Ice-flow history for the map area was largely deciphered from the study of crag-and-tail features, flutings, drumlins, striae and till fabric data.

Till samples were collected for geochemical analysis in order to locate glacially dispersed metallic minerals in the region. Sample sites were selected to provide as complete a coverage of the map area as possible using existing access routes. Sample sites consisted of natural and man-made exposures (roadcuts, borrow pits, soil pits and trenches). Field sites were marked with metal tags and flagging tape. Locations of samples sites were plotted on a 1:50 000 topographic base map with the aid of air photographs and a Geographic Positioning System. Each till sample site is shown with an x on the accompanying bedrock geology map (MacIntyre *et al.*, 1997b, in pocket). A numbered sample location map is provided as an overlay and in Appendix A together with UTM coordinates for each sample site.

A total of 287 regional till samples were collected in the study area at an average density of approximately one sample per 3 square kilometres. Higher density sampling was conducted in areas of perceived higher mineral potential and around known mineral prospects, to provide a clearer understanding of glacial dispersal processes. High density sampling in the Hearne Hill area, including a number of depth-profile samples taken as part of detailed process studies, were not included in the regional map data set (described in this paper) to avoid skewing the data towards this area of known mineral potential.

Sedimentologic data were collected at all sample sites in order to distinguish till from glacigenic debris flow, colluvium, glaciofluvial or glaciolacustrine sediments. These sediments have different processes of transportation and deposition which must be recognized in order to understand associated mineral anomaly patterns. For example, local variations will be reflected in some sediments while regional trends may be observed in others. Analysis of these sediments will be useful only where their origin is understood. Sedimentologic data collected at each sample site included descriptions of sediment type, primary and secondary structures, matrix texture, presence of fissility, compactness, total percentage and modal size of clasts, rounding of clasts, presence of striated clasts, and sediment genesis and thickness. Further information was noted on soil horizons, local slope, bedrock striae, bedrock lithology, clast provenance and abundance of mineralized erratics. Sedimentologic data for each of the sampled deposits are provided in Appendix A together with summary descriptions of the sample site and other relevant data.

LABORATORY METHODS AND QUALITY CONTROL

Till samples collected during the regional geochemical survey (each 3-5 kg in weight) are air dried, split and sieved to -230 mesh (<62.5 μm). One split from each sample was reserved for grain size or other follow-up analyses. The -230 mesh fraction from each sample was analyzed by instrumental neutron activation analysis (INAA) for 35 elements at Activation Laboratories Ltd. in Ancaster, Ontario and by inductively coupled plasma analysis (ICP) after aqua regia digestion for 30 elements, at Acme Analytical Laboratories Ltd. in Vancouver, British Columbia. For the ICP analysis, a 0.5 gram sample is digested with 3 millilitres of 3-1-2 HCL-HNO3-H2O for one hour and diluted to 10 millilitres with water. This leach is partial for Mn, Fe, Sr, Ca, P, La, Cr, Mg, Ba, Ti, B and W and limited for Na, K and Al. Mercury analysis was by flameless AA.

Distribution maps for gold, arsenic, antimony, iron, copper, zinc, lead, silver, molybdenum and mercury are provided in Appendix A. Maps for remaining elements will be given at a later release for the entire Babine porphyry belt. Analytical results for all 287 samples included in the regional data set are also provided in Appendix A. Data for 27 elements analyzed by INAA and 24 elements analyzed by ICP are included. Elements analyzed by ICP or INAA that are not included are those that are generally below the analytical detection limits by these methods.

QUALITY CONTROL

In order to discriminate geochemical trends related to geological factors from those that result from spurious sampling or analytical errors, a number of quality control measures were included in both the field and laboratory components of the program. These include the use of field duplicates, analytical or blind duplicates and control standards, one of each being randomly inserted into each set of 17 routine field samples to make a block of 20 samples that is submitted for analysis. Field duplicates were taken from randomly selected field locations and subjected to identical laboratory preparation procedures. Analytical, or blind, duplicates consist of sample splits

taken after laboratory preparation procedures but prior to analysis. Control reference standards include several British Columbia Geological Survey geochemical reference materials comprising the -180 micron size fraction of a variety of bulk samples. In total, the regional till geochemical data set (excluding samples taken during detailed case studies) included 18 field duplicate pairs and 17 analytical duplicate pairs.

Scatter plots of analytical results from duplicate field and analytical pairs are presented for gold, arsenic and antimony (INAA data) and copper, lead, zinc, nickel, molybdenum and iron (ICP data) in Appendix A. The results show good reproducibility ($R^2 > 0.9$) for both field and analytical duplicates for most elements. The main exceptions are gold and molybdenum where concentrations are near the detection limit and reproducibility is poor (Appendix A). In the case of gold, especially poor reproducibility with field duplicates is attributed to the nugget effect whereas poor reproducibility in molybdenum is probably due to generally low (near background) molybdenum concentrations in tills in the region. To further evaluate reproducibility in gold analysis, the remaining -230 mesh fraction of all samples with gold concentrations greater than 20 ppb were re-analyzed by INAA. Two of seven resubmitted samples from the map area returned greater than 20 ppb gold. Only one of the samples yielded higher results than the first run (49 to 67 ppb) and one was identical (44 ppb); the remainder were lower including three below the detection limit (< 2 ppb). These data illustrate well the reproducibility problems that are encountered with gold concentrations in clastic sediments. To avoid bias, the gold concentrations reported for the regional samples are those from the first analysis; gold concentrations from the re-analyses are reported as Au* (*rechecks) in Appendix A.

SAMPLING MEDIUM

Basal till was selected as the preferred sampling medium for this program rather than other types of surficial materials for several reasons:

- Basal tills are deposited in areas directly down-ice from their source and therefore mineralized material dispersed within the tills can be more readily traced to its origin than can anomalies in other sediment types. Processes of dispersal in ablation tills, glaciofluvial sands and gravels, and glaciolacustrine sediments are more complex and they are typically more distally derived.
- Due to the potential for the development of large dispersal trains, mineral anomalies in basal tills may be readily detected in regional surveys.
- The dominance of one main regional ice-flow direction throughout much of the last glacial period in the survey area (see below) has resulted in a simple linear, down-ice transport of material.

Sampled deposits in the area, interpreted as basal tills, typically consist of compact, fissile, matrix-supported, sandy-silt diamicton (defined as poorly sorted deposits consisting of mud, sand and gravel). They are typically overconsolidated and often exhibit moderate to strong subhorizontal fissility. Vertical jointing and blocky structure are also common, especially in dry exposures. Oxidation of the till, characterized by reddish brown staining, is common and may occur pervasively or along vertical joint planes and horizontal partings. Subhorizontal slickensided surfaces are sometimes present, especially in clay-rich parts of the till. Clasts are mainly medium to large pebbles but they range in size from small pebbles to large boulders. Total gravel content generally is between 10 and 30% but locally may be up to 50%. Subangular to subrounded clasts are most common and typically up to about 20% are glacially abraded. Striated clasts are commonly bullet shaped, faceted or lodged; the a-axes of elongate clasts are often aligned parallel to ice-flow direction. Lower contacts of basal till units are usually sharp and planar. All of these characteristics are consistent with a basal melt-out or lodgement till origin. Injections of till into bedrock fractures locally indicate high pressure conditions at the base of the ice during deposition. The presence of sheared, folded and faulted bedrock slabs within these deposits indicates the local development of deformation tills.

During the sampling program, basal till deposits were distinguished from other facies of morainal sediments such as glacigenic debris-flow deposits. This distinction is critical as basal tills are first order derivative products whereas debris-flow deposits have undergone a second depositional phase, related either to the paleo-ice surface or the present topography, and are therefore more difficult to trace to their source. Glacigenic debris-flow deposits typically consist of loose, massive to stratified, sandy diamicton. They are usually loose to weakly compact and either massive or interbedded with stratified silts, sands or gravels. Clasts vary in size from small pebbles to large boulders, but are usually medium to large pebbles. These diamictons typically contain 20 to 50% gravel, but locally may have up to 70% clasts. Subangular to subrounded clasts are most common, but local angular fragments dominate in some shallow exposures over bedrock. Lenses and beds of sorted silt, sand and gravel occur in many exposures and may be continuous for up to 5 metres, although they are most frequently 10 to 100 centimetres wide. Debris-flow deposits may exhibit weak to very strong preferential oxidization along the more permeable sand and gravel beds. These deposits commonly are in gradational contact with underlying basal tills. Colluvial diamictons are also differentiated from basal tills by their loose unconsolidated character, the presence of coarse, angular clasts of local bedrock, crude stratification and lenses of sorted sand and gravel.

GEOLOGY OF THE SURVEY AREA

QUATERNARY GEOLOGY

LATE WISCONSINAN GLACIAL DEPOSITS AND OLDER SEDIMENTS

Morainal sediments of the last glaciation are the most widespread Quaternary deposits in the map area and include compact, matrix-supported, silty diamictons interpreted as lodgement and melt-out tills. Also common are loose, massive to stratified, sandy diamictons of inferred debris-flow origin. These diamictons are often interbedded with stratified silt, sand or gravel. Basal tills usually unconformably overlie bedrock or glaciofluvial deposits. They form a cover of variable thickness across much of the area and may occur as hummocky, kettled, fluted or relatively flat topography. Basal tills seldom occur at the surface, usually being overlain by glacigenic debris-flow deposits, glaciofluvial deposits, glaciolacustrine sediments and, on steep slopes, by resedimented diamictons of colluvial origin. Till thickness varies from a few to several metres in low-lying areas to less than a metre along bedrock ridges and steep slopes. Till thicknesses on bedrock ridges are much less than in the lee of bedrock highs. Thick exposures of till (up to 10 m) also occur locally in narrow valleys oriented perpendicular to the regional ice-flow direction and in main valleys.

A Late Wisconsinan age for the last glaciation in the Babine Lake region is indicated by radiocarbon dates on wood and mammoth bones recovered from lacustrine deposits under till at the Bell Copper mine. Single fragments of spruce (*Picea* sp.) and fir (*Abies* sp.), yielding dates of 42 900±1860 years B.P. (GSC-1657) and 43 800±1830 years B.P. (GSC-1687), and a date of 34 000±690 years B.P. (GSC-1754) on mammoth bone collagen from the interglacial sediments (Harington *et al.*, 1974), indicate that the overlying till was deposited during the Late Wisconsinan glaciation. Palynological data from interglacial lake sediments are indicative of a shrub tundra vegetation. Morainal sediments in the Nechako Plateau region were assigned by Tipper (1971) to the Fraser glaciation which is dated in several parts of British Columbia as Late Wisconsinan (Ryder and Clague, 1989). Quaternary sediments underlying till are rarely exposed in the survey area but at one site located on Dust Creek a thick sequence of advance-phase glaciolacustrine and glaciofluvial deposits overlain by till was described (Levson *et al.*, 1997c). The lowest exposed unit overlies bedrock and consists of well stratified, very dense sands, silts and clays. These sediments are interpreted as proximal glaciolacustrine deposits. Their stratigraphic position indicates that they probably were deposited during the advance phase of the last glaciation in the region. Their presence in the Dust Creek valley indicates that glaciers in the Late Wisconsinan occupied the Takla Lake valley before the southern Bait Ranges were completely ice covered. The resulting ice-damming of the Dust Creek drainage resulted in the development of a glacial lake in that valley.

A thick sequence of gravels and sands that overlie the glaciolacustrine deposits are interpreted as a prograding deltaic sequence that was deposited by water flowing out from the Bait Range. Large-scale, steeply dipping, planar cross-beds in this unit are interpreted to be forset beds deposited in this prograding delta. Paleoflow directions are highly variable but generally southerly. The forset gravels are erosionally overlain by a trough and planar cross-bedded unit of coarse gravels interpreted as channelized topset beds. A locally present, overlying unit of bedded fine sands also may be delta top sediments that were deposited when the main gravelly feeder channels shifted to another part of the delta. The entire sand and gravel sequence is sharply overlain by a massive, matrix supported, dense, silty diamicton, interpreted as a till. The upper part of the diamicton is less dense, has a gravelly-sand matrix and locally is crudely bedded. This unit probably was deposited as a series of debris flows during deglaciation. The capping gravels and sands at the site are interpreted to be glaciofluvial sediments deposited prior to incision of the modern Dust Creek valley, probably beginning in the early Holocene (Levson *et al.*, 1997c).

LATE WISCONSINAN DEGLACIAL DEPOSITS

Deposits formed during deglaciation include both glaciofluvial and glaciolacustrine sediments. Glaciofluvial deposits in the map area occur as outwash plains, eskers, kames, terraces and fans in valley bottoms and along valley flanks. They consist mainly of poorly to well sorted, stratified, pebble and cobble gravels and sands of variable thickness. Eskers are only locally present and are composed mainly of stratified gravels and sands and some diamicton. Glaciofluvial gravels and sands deposited in front and along the margins of retreating glaciers are widespread in the region. Deposition of these sediments likely occurred as ice retreated northeastward up the valley and glaciofluvial drainage extended down valley. Exposures of glaciolacustrine sediments occur mainly in low-lying areas, often near modern lakes. Lake levels were at least locally controlled by ice dams. Maximum lake

levels in large valleys in the region such as the Babine Lake valley are recorded by the upper elevation of deltaic deposits at about 760 metres above sea level. Exposures in these raised deltas reveal well stratified, sands and gravels, commonly with normal faults that formed when the deltas partially collapsed as lake levels dropped. Isolated glaciolacustrine and glaciofluvial deltaic deposits occurring at higher elevations reflect more localized ice damming in smaller tributary valleys.

HOLOCENE FLUVIAL, COLLUVIAL AND ORGANIC DEPOSITS

The most dominant Holocene deposits in the region are extensive areas of organic deposits. Low lying areas in the relatively low relief regions are characterized by numerous marshes and shallow lakes filled with organic sediment consisting of decayed marsh vegetation with minor sand, silt and clay. Holocene fluvial sediments in the region are dominated by floodplain silts, fine sands and organics and channel gravels.

Colluvial deposits are most common in high relief areas. Steep slopes commonly have a thin veneer of weathered and broken bedrock clasts in a loose sandy matrix. These deposits grade downhill into a thicker cover of colluvial diamicton derived from both local bedrock and till remobilized by gravity after deposition. Colluvial veneers commonly overlie thin tills on steep slopes. Accumulations of talus are relatively uncommon due to the overall subdued topography, but they do occur below steep rocky cliffs that are locally present in the more mountainous parts of the area.

ICE-FLOW HISTORY

During Late Wisconsinan glaciation, ice initially moved southeasterly through the study area from the Skeena Mountains, before flowing easterly and northeasterly towards the Rocky Mountains (Tipper, 1971, Levson and Giles, 1997). In the eastern Nechako Plateau, results of ice-flow studies indicate that in most areas there was one dominant flow direction during the Late Wisconsinan glaciation, that shifted from southeast, in the north part of the plateau (Babine Lake region), to east in the central part (Francois Lake area) and east-northeast in the south (Nechako Reservoir area; Levson and Giles, 1997). However, in the western Nechako Plateau and in the adjoining Babine Range and Hazelton Mountains, anomalous westerly ice-flow indicators are present and indicate a regional, west to southwest flow event(Levson *et al.*, 1997c, 1998). Results suggest this was a more recent and widespread event than previously thought (Stumpf *et al.*, in prep). This new data is significant for drift exploration programs in central British Columbia.

Indications of this westerly ice-flow event include well developed roche-moutonnée, drumlinoids and rat-tails that indicate ice-flow toward the west over the Babine Range and Hazelton Mountains. In many areas this westerly flow was independent of topography as indicated, for example, by upslope flows in the Dome Mountain area (Levson *et al.*, 1997c, 1988). Similar westerly ice-flow indicators were previously reported in the Babine Range and in the vicinity of the Equity Silver mine (Tipper, 1994).

At the Late Wisconsinan glacial maximum, ice covered all but the highest peaks in the region and movement appears to have been relatively unaffected by topography. In the Bait Range for example, the ice surface was in excess of 1950 metres as indicated by glacial erratics and regionally trending striae and flutings on top of Frypan Peak (elevation 1931 m, Levson et al., 1997c). At the height of the last glaciation, ice flowed from ice domes/divides located to the east of the Babine Lake valley toward the Coast. Preserved evidence of west flow is not restricted to elevations above 2000 m but also is present locally along valley bottoms such as the Babine Lake valley, especially in the lee of topographic obstructions, where it was preserved from later valley-parallel flow. Cross-cutting striae observed at several locations suggest that the westward event occurred at the maximum of the Late Wisconsinan glaciation, after glacier advance along valleys and prior to late-stage, retreat-phase flow that was topographically controlled in many areas.

Tipper (1994) postulated that westerly ice flow patterns in the southern Babine Mountains and in the Equity Silver area represented a relict flow pattern from an earlier glaciation or possibly from an early phase of the last glaciation when movement of ice towards the Coast Mountains occurred as the result of the development of an ice dome in the central part of the Interior Plateau. Levson *et al.* (1997c, 1988), however, inferred that the westerly ice-flow features that they observed formed during the later part of the Late Wisconsinan glaciation. The main evidence of this is the preservation of westerly trending paleoflow indicators at low elevations in the Babine and Bulkley valleys at sites that would not have been protected from later valley-parallel (southeasterly) flow.

The full extent and timing of the westerly flow event and its effects on dispersal are currently being investigated (Stumpf *et al.*, in prep.). Evidence for west flow is most readily found west of the Babine Lake valley and diminishes eastward suggesting that the Babine valley was near the eastward limit of the divide or that ice-center migration east of that area was not long-lived. Consequently, westward flow apparently did not influence glacial dispersal to any great extent in the Babine Lake valley but it did have a significant effect further west. In the Babine area, valley-parallel, southeastward flow

occurred at the end of the last glaciation. However, since evidence for westward flow is preserved in the Babine Lake area and in other valleys at unprotected, low elevation sites, the erosional effects of the later, valley-parallel flows must have been minimal. These observations suggest that the maximum buildup of interior ice extended late into the last glaciation.

During deglaciation, ice flow was increasingly controlled by topography as the glaciers thinned. Striae and other ice-flow indicators that locally diverge from the regional trend reflect this topographically influenced ice-flow during waning stages of glaciation. A more complex local ice-flow history is indicated by highly variable striae trends at a few sites. Topographic control of ice flow during the latter phases is also apparent in many areas of high relief. In these areas, ice flow is clearly indicated by the presence of well developed cirque basins on the north and east facing sides of large mountains.

GEOLOGY AND INTERPRETATION OF TILL GEOCHEMISTRY RESULTS

It is critical, for geochemical interpretation purposes, that detailed descriptions of the sampled deposits are obtained and that different types of materials are distinguished. Regional variations due to surficial geology can therefore be minimized in favour of processes relating to mineralization. There is a particularly significant difference between till-covered areas and colluvial deposits in more mountainous areas. The regional data used in this study were collected from the C-horizon of basal tills in order to minimize variability related to different surficial sediment types or soil horizons.

It is also important to emphasize that glacial sediments can be eroded, transported and deposited by a wide variety of mechanisms, all of which may produce tills of distinctly different character. Tills may form by primary processes involving the direct release of debris from a glacier, or by secondary resedimentation processes in the glacial environment. Till characteristics are dependent on their position of deposition (subglacial, supraglacial or ice marginal), place of transport (basal, englacial or supraglacial) and dominant depositional mechanism (lodgement, melt-out, flow or deformation). For the purposes of drift prospecting, distance of transport is especially critical and two main varieties of till are commonly distinguished: basal tills, comprised of debris transported at or near the glacier base, and supraglacial tills, comprised of debris transported on or near the top of the glacier. The latter are usually deposited as debris flows and are comprised of relatively far-traveled debris. Basal tills, deposited by lodgement or melt-out processes, are typically more locally derived than supraglacial tills. Supraglacial tills may be distinguished from basal tills by higher total clast contents, more angular and fewer striated clasts, typically weaker and more randomly oriented pebble fabrics, and the common presence of interbedded sand and gravel deposits. The two till varieties may also be distinguished geomorphologically; supraglacial tills typically occur in areas of hummocky topography and basal tills in fluted or drumlinized regions. However, geomorphic data alone are not always diagnostic as, for example, fluted and drumlinized areas may be blanketed by a thin cover of supraglacial till. Similarly, basally derived, flow tills may be confused with relatively far-traveled, supraglacial, flow tills. Because of this difficulty in distinguishing different till facies, a multiple criteria approach using sedimentologic, stratigraphic and geomorphic data is recommended for the interpretation of glacial deposits. Any sedimentologic or other data suggestive of an origin other than a basal till, at any of the sample sites, is summarized in the comments column in the field observations table in Appendix A.

The influence of bedrock geology must also be considered when interpreting regional till geochemical data because background levels of various elements in tills are controlled in part by the background concentrations in their source rocks. To evaluate the effect of bedrock geology on the regional geochemical data set, the lithology of the underlying bedrock should be identified for each sample site where possible.

INTERPRETATION OF RESULTS

Geochemical results presented here for the Old Fort Mountain map area are based on a statistical analysis of the entire Babine regional data set of 941 samples (from NTS map areas 93 L/16; 93 M/1, 2, 7). Percentile class intervals shown on the element distribution maps in Appendix A are based on this regional data set rather than on the more limited data set from the Old Fort map area (93 M/1) alone.

Elevated concentrations of a selection of elements are discussed here in the context of known mineral occurrences and the glacial ice-flow history of the area. 'Elevated' is used here in comparison to other till samples in the region and does not directly imply economic significance. In interpreting the following results, it is important to re-emphasize that concentrations of many elements are typically one or more orders of magnitude lower in tills than in their source rocks. Conversely, low concentrations in tills may reflect significantly high concentrations in bedrock. For this reason, relative, rather than absolute, concentrations are often more meaningful in interpreting till geochemical results.

Quantitative evaluations of till geochemical data for any area, therefore, should only be made by comparison with geochemical concentrations in tills derived from known areas of mineralization where lithogeochemical results have been documented and, ideally, where geologic conditions (*e.g.* bedrock lithology, ice-flow history) are similar. As the latter is often impossible it is usually necessary to make analogies to distant sites where geologic conditions are less similar. This problem is somewhat alleviated in the Old Fort Mountain map area, as some comparisons can be made with the Bell mine area where lithogeochemical and till geochemical results are available (Stumpf *et al.*, 1997).

COPPER

Mean and median copper concentrations for all till sites in the Babine area are 45 and 41 ppm, respectively. The highest copper concentration encountered in till in the Babine belt (1550 ppm) is on the Old Fort Mountain map sheet at site 3180 directly northeast of the Bell mine (Appendix A). Since the site is located up-ice of the main mine area it suggests the possibility that a enriched copper zone may occur near or northwest of the sample site. Elevated silver and zinc also occur at this site. Other single sample sites with elevated copper concentrations, above the regional 95th percentile (72 ppm), occur in the vicinity of the Wolf, Morrison and Hearne Hill copper prospects and the Fort showing. Copper concentrations, above the regional 90th percentile (63 ppm), occur in the vicinity of the Sparrowhawk and Copper showings.

Till sites with elevated (>95th percentile) copper also occur down-ice of several new areas where recorded showings are not present. These include 4 sites northeast and east of Hautéte Lake, three sites northeast of the northern end of Hatchery Arm, two sites north of the Sparrowhawk showing, one site at the southern tip of Nakinilerak Lake, one site southwest of Nizik Lake, one site east of Hagan Arm, one site east of Nizik Lake and one site northwest of Natowite Lake (Appendix A). Areas with clusters of samples with elevated copper concentrations are considered especially prospective (*i.e.* areas northeast and east of Hautéte Lake and northeast of the northern end of Hatchery Arm).

GOLD

The background concentration of gold in tills in the Babine region, as defined by the median value, is 2 ppb. The mean concentration of gold is 4 ppb. Gold values above the 95th percentile (17 ppb), were obtained on relatively few till samples (6) in the map area but indicate two or three new exploration targets. These include sample sites 3185 west of Morison Lake, 3231 northeast of the northern end of Hatchery Arm, and 3296 northeast of Hautéte Lake. In addition, the distribution of high gold concentrations in the area corresponds well with the locations of known mineral prospects and showings including the Morrison, Hearne Hill and Sparrowhawk properties (Appendix A). Gold concentrations at the Morrison and Hearne Hill properties are two of the highest encountered in the Babine regional survey.

SILVER

The mean and maximum concentrations of silver in tills in the area are 0.17 and 1.4 ppm, respectively, and 90% of the regional till samples have silver concentrations of 0.3 ppm or less. The regional background silver concentration, as defined by the median value, is 0.1 ppm. Elevated concentrations of silver (> 0.4 ppm) occur in the vicinity of the Morrison and Hearne Hill developed prospects, the Fort showing and the Bell mine. Several elevated silver sites also occur in the Old Fort Mountain area and in the western most side of the map sheet (Appendix A).

ARSENIC AND ANTIMONY

Mean arsenic and antimony concentrations in tills are 15.6 and 1.6 ppm, and median concentrations are 15 and 1.4 ppm, respectively. Arsenic concentrations above the 95th percentile for all sites (>29 ppm As) cluster in several areas including the Morrison and Hearne Hill area and the area on the north side of Old Fort Mountain including the Fort showing. Two new areas of interest with elevated arsenic include a cluster of four sites southwest of Takla Lake in the northeast corner of the map area and a cluster of three sites several kilometres west of the south end of Morrison Lake. Antimony concentrations above the 95th percentile for all sites (3.1 ppm) also occur in till at the latter area as well as at the Morrison and Hearne Hill prospects and west of the Sparrowhawk showing. A multi-element anomaly with greater than 95th percentile concentrations of arsenic, antimony and copper occurs at site 3304, east of Hautéte Lake. The highest concentration of antimony in till in the Babine region occurs with elevated (> 95th percentile) copper at site 3120 and moderately elevated arsenic (29 ppm). A similar multi-element Cu-Sb-As anomaly occurs north of Hautéte Lake at site 3319.

LEAD AND ZINC

Mean lead and zinc concentrations are 11 and 109 ppm, respectively. Median values for all sites are 10 ppm for lead and 98 ppm for zinc. Maximum values are 78 ppm for lead and 5067 ppm for zinc. Elevated lead concentrations occur in the vicinity of the Morrison and Hearne Hill developed prospects, the Bell mine and the Copper showing. Several other sites with elevated lead and zinc concentrations are coincident with elevated arsenic including clusters of sites southwest of Takla Lake, north of Old Fort Mountain and several kilometres west of the south end of Morrison Lake. Other sites with elevated lead and/or zinc occur west of Natowite Lake, east of the Dorothy prospect, south of Nizik Lake and southwest of Hautéte Lake.

MOLYBDENUM

Mean and median molybdenum values in the Babine area are 1.3 and 1 ppm, respectively. The maximum molybdenum concentration in tills in the region is 38 ppm. Only six sites in the map area have elevated (> 3 ppm) molybdenum concentrations. One of these occur near the Fort showing and one occurs near the Wolf developed prospect. One other site (3049) is coincident with the area of elevated arsenic, antimony and lead discussed above. The remaining three sites do not coincide with elevated concentrations of any of the other elements discussed here.

SUMMARY

QUATERNARY GEOLOGY

Morainal sediments deposited during the last glaciation are widespread in the area and provide an excellent sampling medium for drift exploration programs. Basal tills form a cover, varying in average thickness from a few to several metres in low-lying areas, to less than a metre in upland regions. Late Wisconsinan glaciers first advanced into the Old Fort Mountain map area along major valleys such as the Babine Lake and Morrison Lake valleys and glacial dispersal in the region is generally valley parallel (southeasterly) despite a somewhat complex glacial history.

During the advance of ice into the area, damming of tributary drainage and the development of proglacial lakes occurred in a few areas. Meltwater streams flowing from the advancing ice, deposited coarse-grained proglacial outwash plains in the valley bottoms and glaciofluvial deltas developed where the streams entered the proglacial lakes. Debris-flow sediments were deposited with the outwash and proglacial lake sediments. Lodgement and meltout tills were eventually deposited by the glaciers as they advanced southeasterly over the entire region. Drumlins, crag-and-tails, flutings and striae in many areas crosscut major topographic highs, and indicate that the ice was thick enough to be relatively unaffected by topography during full-glacial times.

In most areas the dominant flow-direction was southeasterly and glacial dispersal patterns appear to be dominated by this regional ice-flow direction. However, a westerly ice-flow event occurred in the region during the maximum build up of ice, probably late in the last glaciation. Evidence of westerly flow is best preserved in the southern Babine Mountains and further to the south and east. The full extent of this event and its influence on glacial dispersal in is currently being investigated. Westerly ice flow is regionally anomalous in the Nechako Plateau and may have occurred when a late-glacial ice divide or series of divides migrated into the plateau from the west.

During deglaciation, loose, sandy gravelly diamictons were deposited on top of the tills by debris flows. Stagnant ice masses locally resulted in the development of esker complexes and dammed meltwater to create glacial lakes and associated glaciofluvial deltas. Gravelly outwash plains covered the main valley bottoms as large volumes of sediment and water were removed from the ice margin. Glaciofluvial sediments consist mainly of poorly to well sorted, stratified, pebble and cobble gravels and sands. Glaciolacustrine sediments are common in large valleys, generally at elevations below 950 metres, often near modern lakes. During postglacial times, the surficial geology of the area was modified mainly by fluvial activity and the local development of alluvial fans in the valley bottoms, as well as by colluvial reworking of glacial deposits along the valley sides.

TILL GEOCHEMISTRY

Zones of elevated metal concentrations associated with glacial dispersal of mineralized bedrock in the area, as in other parts of the Nechako Plateau, are typically up to a few kilometres long and several hundred metres or more wide, but isolated anomalies and erratics associated with the dispersal trains may cover much larger areas and be up to several kilometres long. They show a pronounced elongation parallel to ice-flow direction, with mineralized source rocks occurring at or near the up-ice end of the trains. Till geochemistry reflects up-ice bedrock sources and not the immediately underlying bedrock. In areas of thick till, near-surface anomalies may be displaced by 500 metres or more down-ice from their bedrock source. Subsurface exploration targets in these areas should be up-ice, rather than at the head, of the anomaly.

Several new exploration targets are highlighted by multi-element geochemical anomalies and most existing mineral properties in the map region are also detected by the regional till geochemical data. For example, elevated (above the regional 95th percentile) copper, silver, antimony, arsenic and lead concentrations, and among the highest gold concentrations encountered in tills in the entire Babine area, occur in the vicinity of the Morrison and Hearne Hill developed prospects. Likewise, elevated lead, zinc and antimony occur southeast and east of the Dorothy developed prospect. Simliarly, copper concentrations, above the regional 90th percentile (63 ppm), occur in the vicinity of the Sparrowhawk and Copper showings. Till in the Sparrowhawk area also has elevated gold concentrations and till at the Copper showing also has elevated lead. Element concentrations at these sites are typically highest in the tills to the southeast of outcropping mineralized rocks, reflecting down-ice metal dispersal.

In addition to reflecting known mineralization, geochemical results around some mineral properties suggest that further exploration in those areas may be warranted. For example, elevated copper, gold, arsenic and

molybdenum occur in tills both near and up-ice (northwest) of the Wolf prospect. Similarly, elevated copper, arsenic, lead, zinc, silver and molybdenum occur in tills both near and up-ice of the Fort showing. Likewise, the highest copper concentration encountered in till in the Babine belt (1550 ppm) is on the Old Fort Mountain map sheet at a site directly northeast (up-ice) of the Bell mine. Elevated copper, zinc and silver at this site may reflect a enriched mineralized zone in that area.

New prospective areas, where recorded mineral showings are not present, include multi-element anomalies with greater than 95th percentile concentrations of copper, arsenic and antimony at sites east and north of Hautéte Lake. The highest concentration of antimony in till in the Babine region occurs with elevated copper and moderately elevated arsenic (29 ppm) at a site northwest of Natowite Lake. Elevated (>95th percentile) copper and arsenic also occurs at two sites northeast of the northern end of Hatchery Arm and at a site near the southern tip of Nakinilerak Lake. Elevated gold and molybdenum occurs northeast of Hautéte Lake. Two areas of interest with elevated arsenic, lead and zinc include a cluster of four sites southwest of Takla Lake in the northeast corner of the map area and a cluster of three sites several kilometres west of the south end of Morrison Lake. Antimony and molybdenum concentrations, above the 95th percentile, also occur in till at the latter area.

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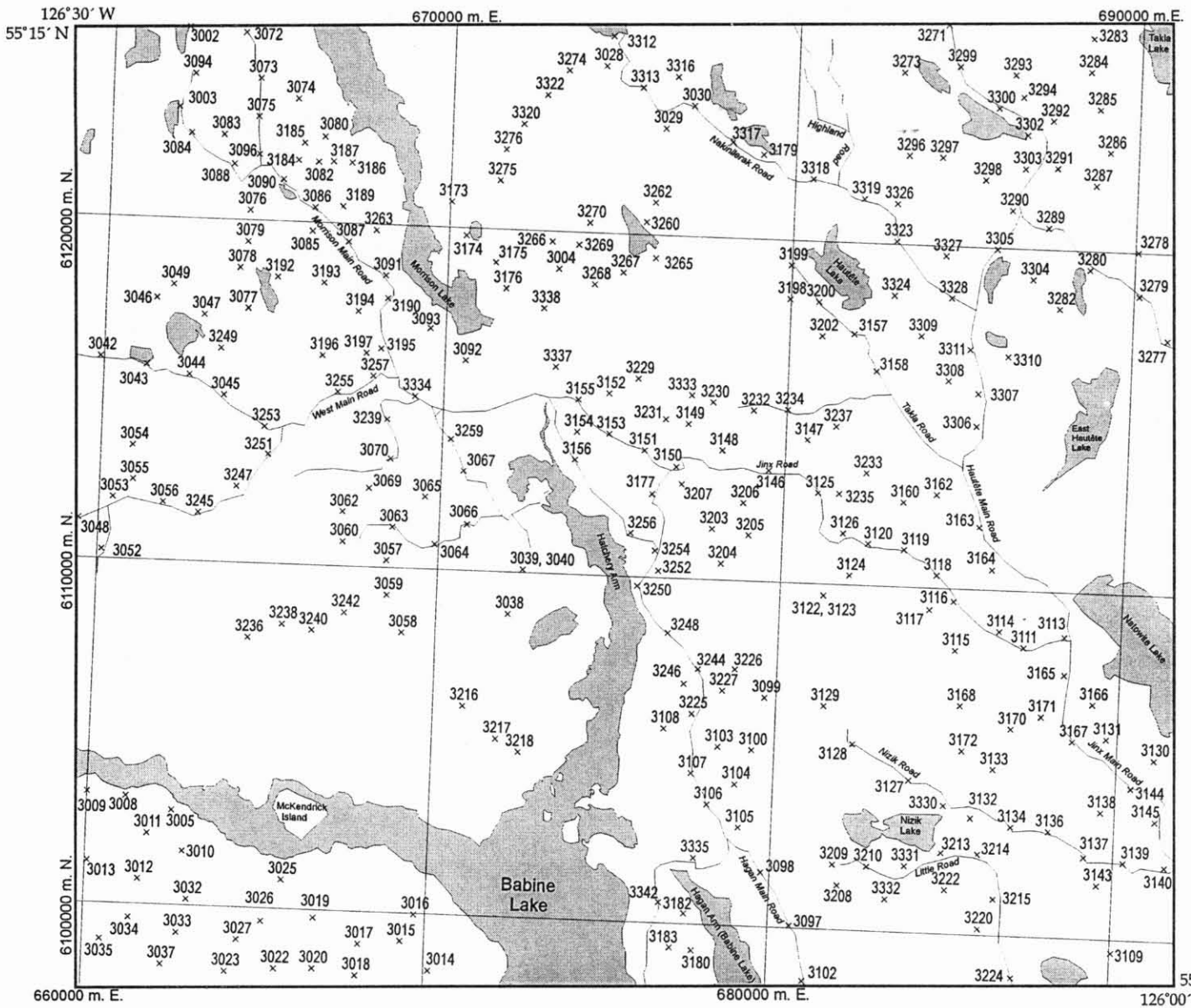
APPENDIX A

- Sample location map
- MINFILE location map
- Element distribution maps for copper, gold, arsenic, antimony, lead zinc, silver, molybdenum, iron and mercury
- Scatter plots of analytical and field duplicate pairs
- ICP analytical data
- INA analytical data
- Field site descriptions and reference guide



B.C. Geological Survey Branch

Open File 1997-10a

Till Geochemistry of the Old Fort Mountain map area

(NTS 93 M/01, 1:50,000 scale)

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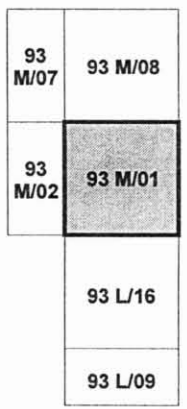


National Topographic System
Transverse Mercator Projection
NAD 1983
UTM Grid Zone 9

× 3236 - Glacial till sample site locations

n_{total}=287 Samples

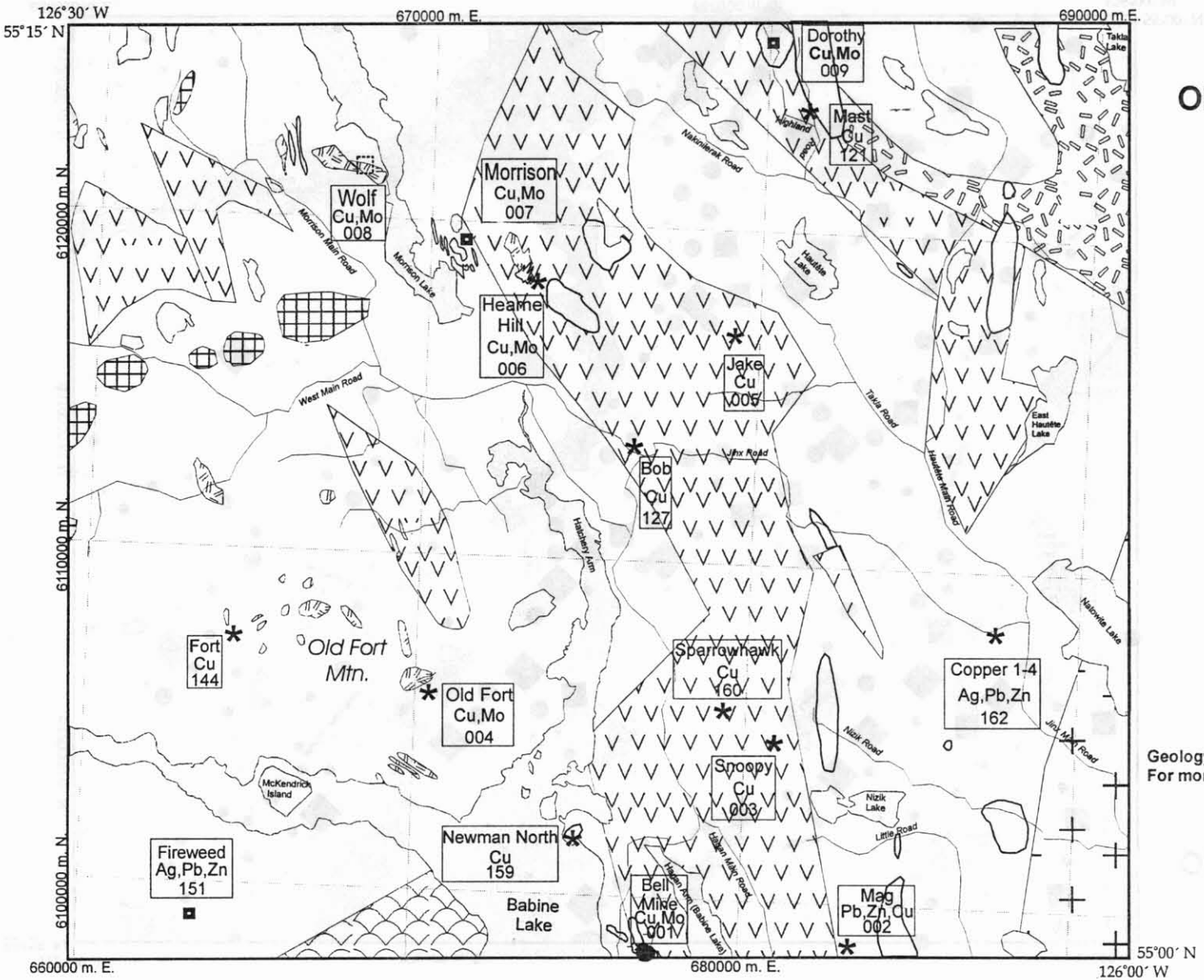
B.C. Geological Survey Branch

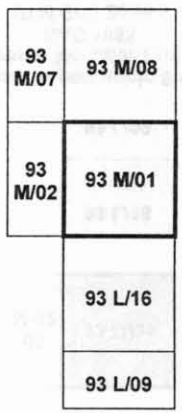
Open File 1997-10a

Till Geochemistry of the Old Fort Mountain map area

(NTS 93 M/01, 1:50,000 scale)

0 5 10 km





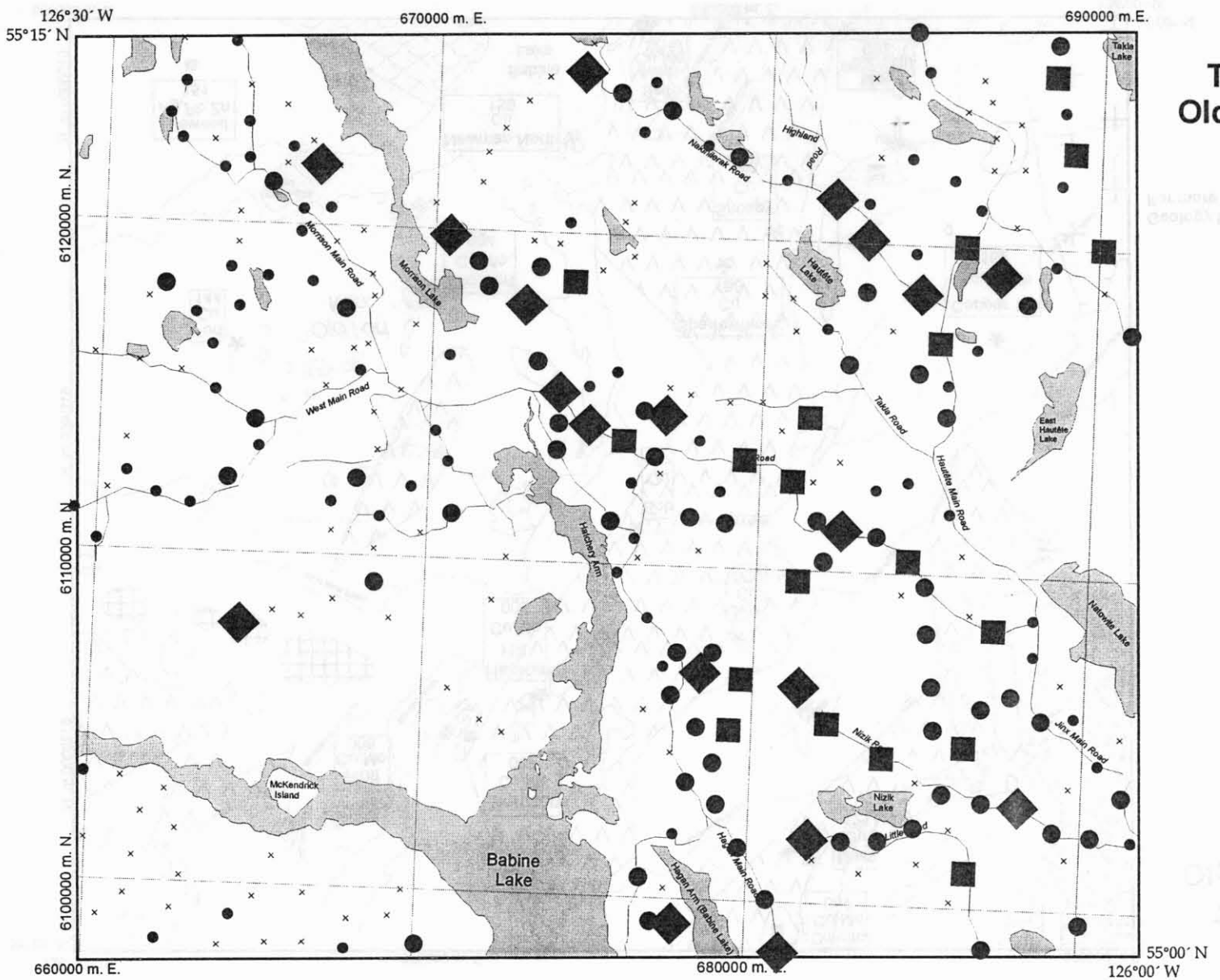
National Topographic System
Transverse Mercator Projection
NAD 1983
UTM Grid Zone 9

Geology Simplified from MacIntyre et al., (1997).
For more details see MacIntyre et al. (1997b; enclosed map)

* Showing

Prospect

Developed Prospect



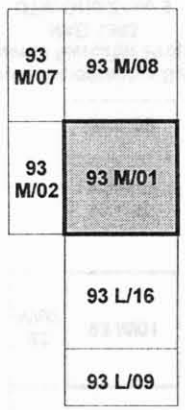
B.C. Geological Survey Branch

Open File 1997-10a

Till Geochemistry of the Old Fort Mountain map area

(NTS 93 M/01, 1:50,000 scale)

0 5 10 km



National Topographic System
Transverse Mercator Projection
NAD 1983
UTM Grid Zone 9

Copper (ppm)

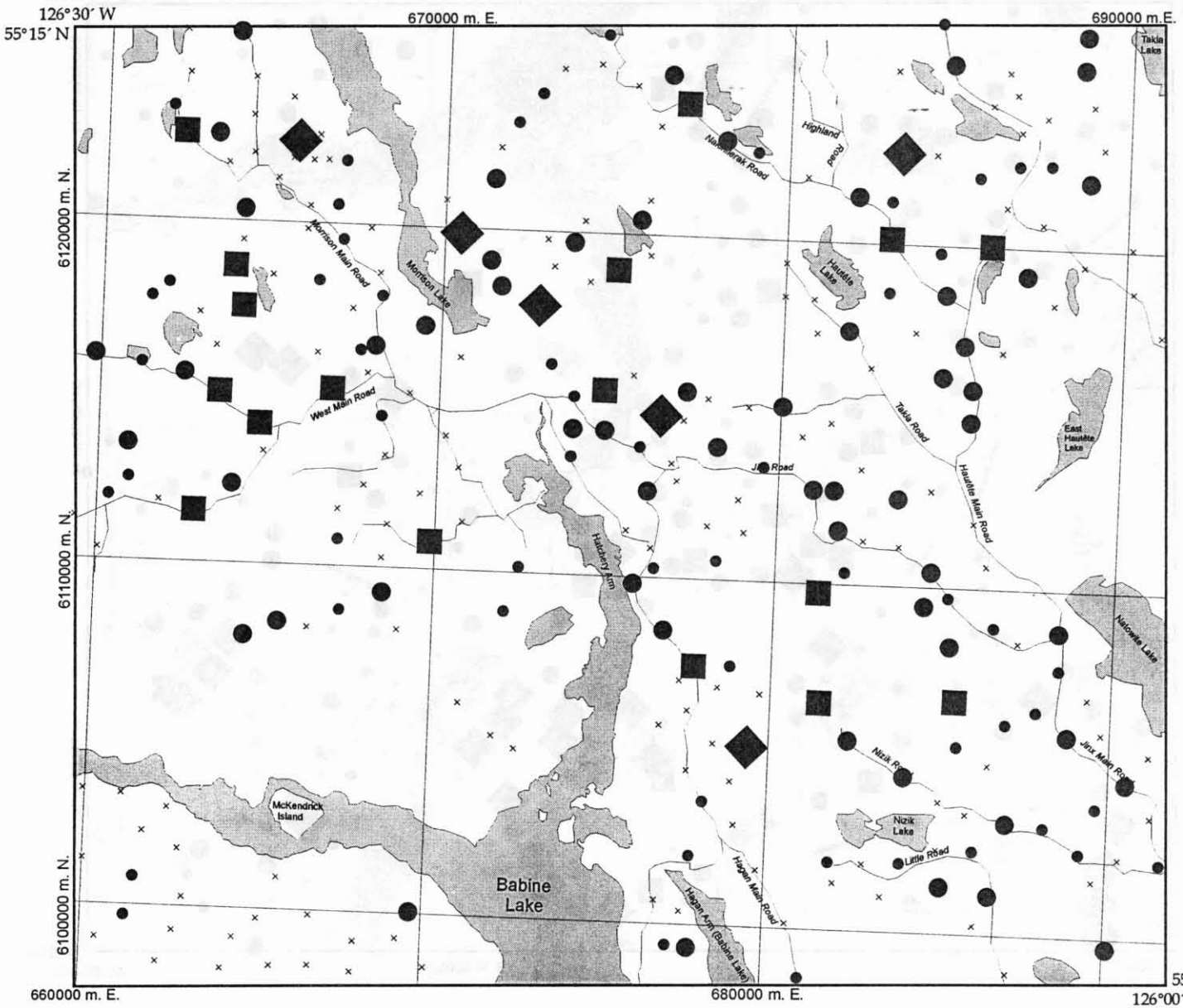
AICP

Glacial till

Concentration		Frequency/Regional %tile	
72 to 1550	◆	n= 19	(>95%)
63 to 72	■	n= 19	(91-95%)
48 to 63	●	n= 62	(71-90%)
41 to 48	•	n= 71	(51-70%)
9 to 41	×	n= 116	(<51%)

n_{total}=287 Samples

Percentile class intervals based on Babine regional data set of 941 samples



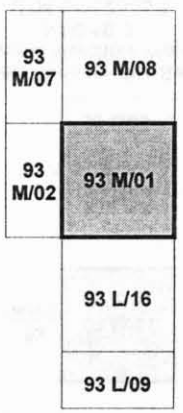
B.C. Geological Survey Branch

Open File 1997-10a

Till Geochemistry of the Old Fort Mountain map

(NTS 93 M/01, 1:50,000 scale)

0 5 10 km



National Topographic System
Transverse Mercator Projection
NAD 1983
UTM Grid Zone 9

Gold (ppb)

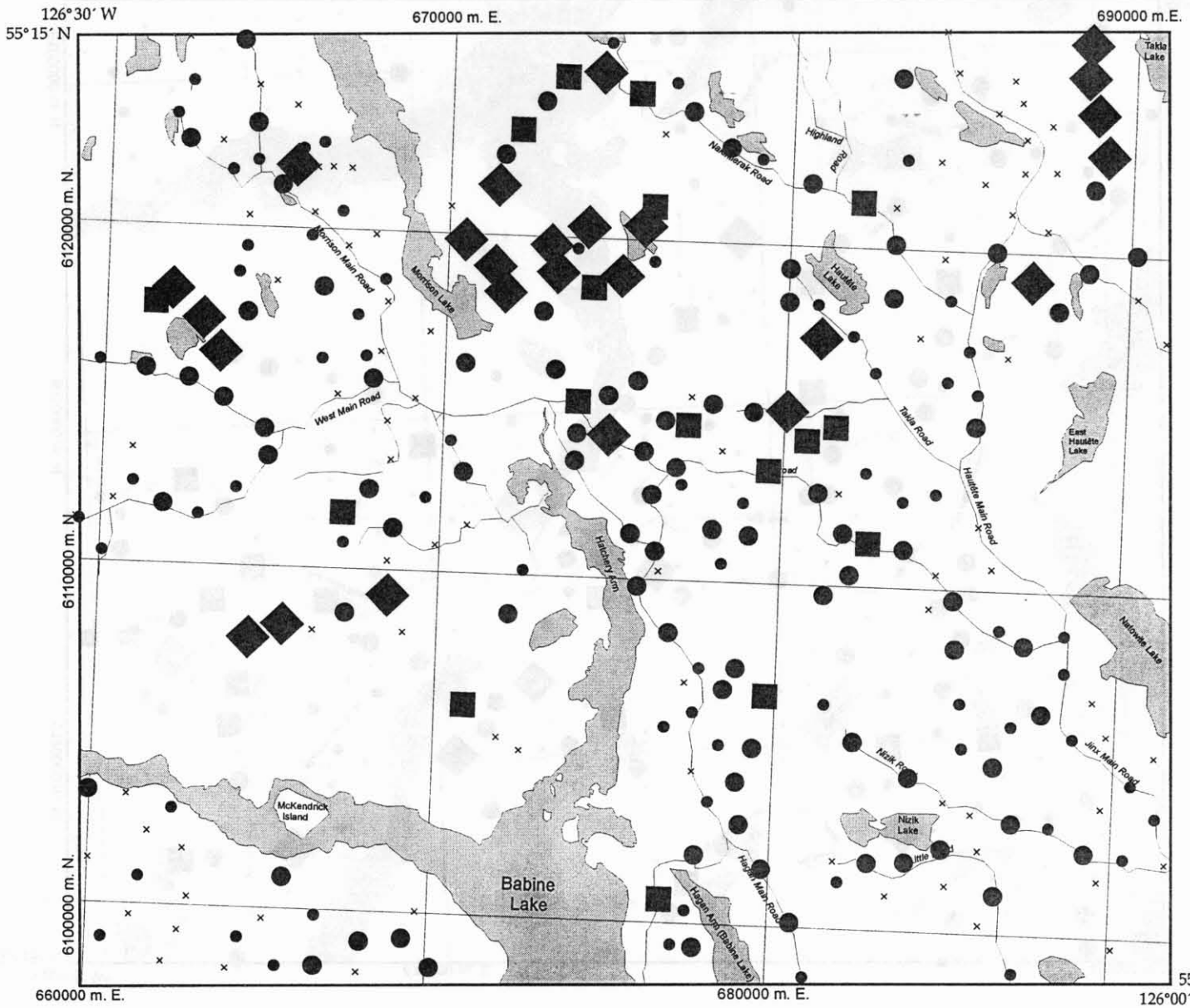
INAA

Glacial till

Concentration		Frequency/Regional %tile	
11.1 to 84.1	◆	n= 6	(>95%)
9.1 to 11.1	■	n= 17	(91-95%)
5.1 to 9.1	●	n= 57	(71-90%)
2.1 to 5.1	•	n= 56	(51-70%)
<2 to 2.1	·	n= 151	(<51%)

n_{total}=287 Samples

Percentile class intervals based on Babine regional data set of 941 samples



B.C. Geological Survey Branch

Open File 1997-10a

Till Geochemistry of the Old Fort Mountain map

(NTS 93 M/01, 1:50,000 scale)

0 5 10 km

93 M/07	93 M/08	
93 M/02	93 M/01	
	93 L/16	
	93 L/09	

National Topographic System
Transverse Mercator Projection
NAD 1983
UTM Grid Zone 9

Arsenic (ppm)

INAA

Glacial till

Concentration		Frequency/Regional %tile	
29 to 131	◆	n= 29	(>95%)
25 to 29	■	n= 16	(91-95%)
18 to 25	●	n= 110	(71-90%)
15 to 18	•	n= 61	(51-70%)
5 to 15	×	n= 71	(<51%)

n_{total}=287 Samples

Percentile class intervals based on Babine regional data set of 941 samples

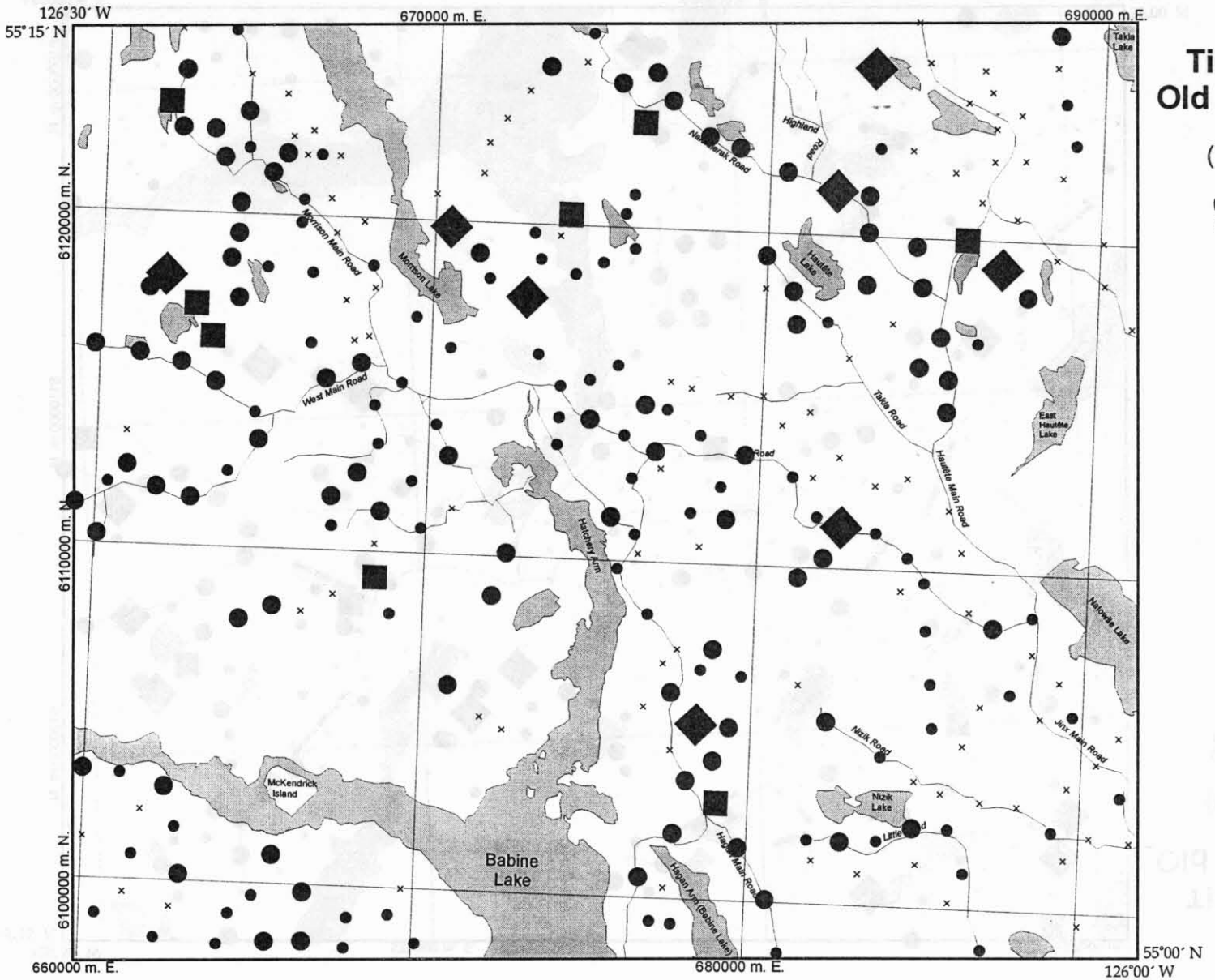
B.C. Geological Survey Branch

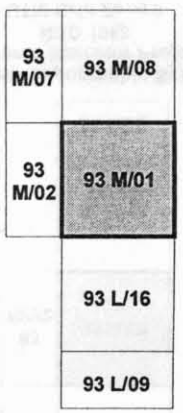
Open File 1997-10a

Till Geochemistry of the Old Fort Mountain map area

(NTS 93 M/01, 1:50,000 scale)

0 5 10 km





National Topographic System
Transverse Mercator Projection
NAD 1983
UTM Grid Zone 9

Antimony (ppm)

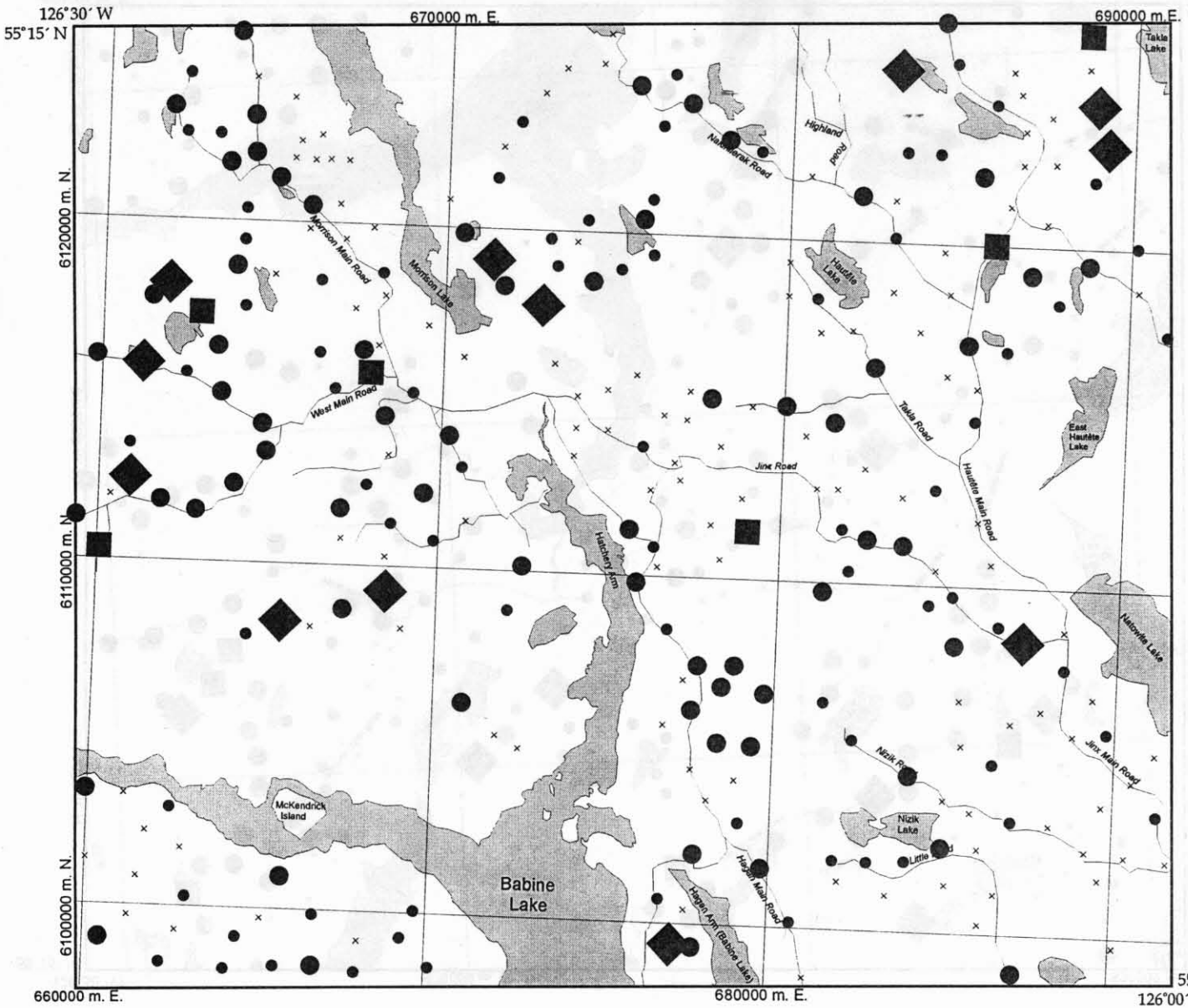
INAA

Glacial till

Concentration		Frequency/Regional %tile	
3.1 to 30.1	◆	n= 8	(>95%)
2.6 to 3.1	■	n= 8	(91-95%)
1.8 to 2.6	●	n= 84	(71-90%)
1.5 to 1.8	•	n= 87	(51-70%)
0.4 to 1.5	×	n= 100	(<51%)

n_{total}=287 Samples

Percentile class intervals based on Babine regional data set of 941 samples



B.C. Geological Survey Branch

Open File 1997-10a

Till Geochemistry of the Old Fort Mountain map area

(NTS 93 M/01, 1:50,000 scale)

0 5 10 km

93 M/07	93 M/08	
93 M/02	93 M/01	
	93 L/16	
	93 L/09	

National Topographic System
Transverse Mercator Projection
NAD 1983
UTM Grid Zone 9

Lead (ppm)

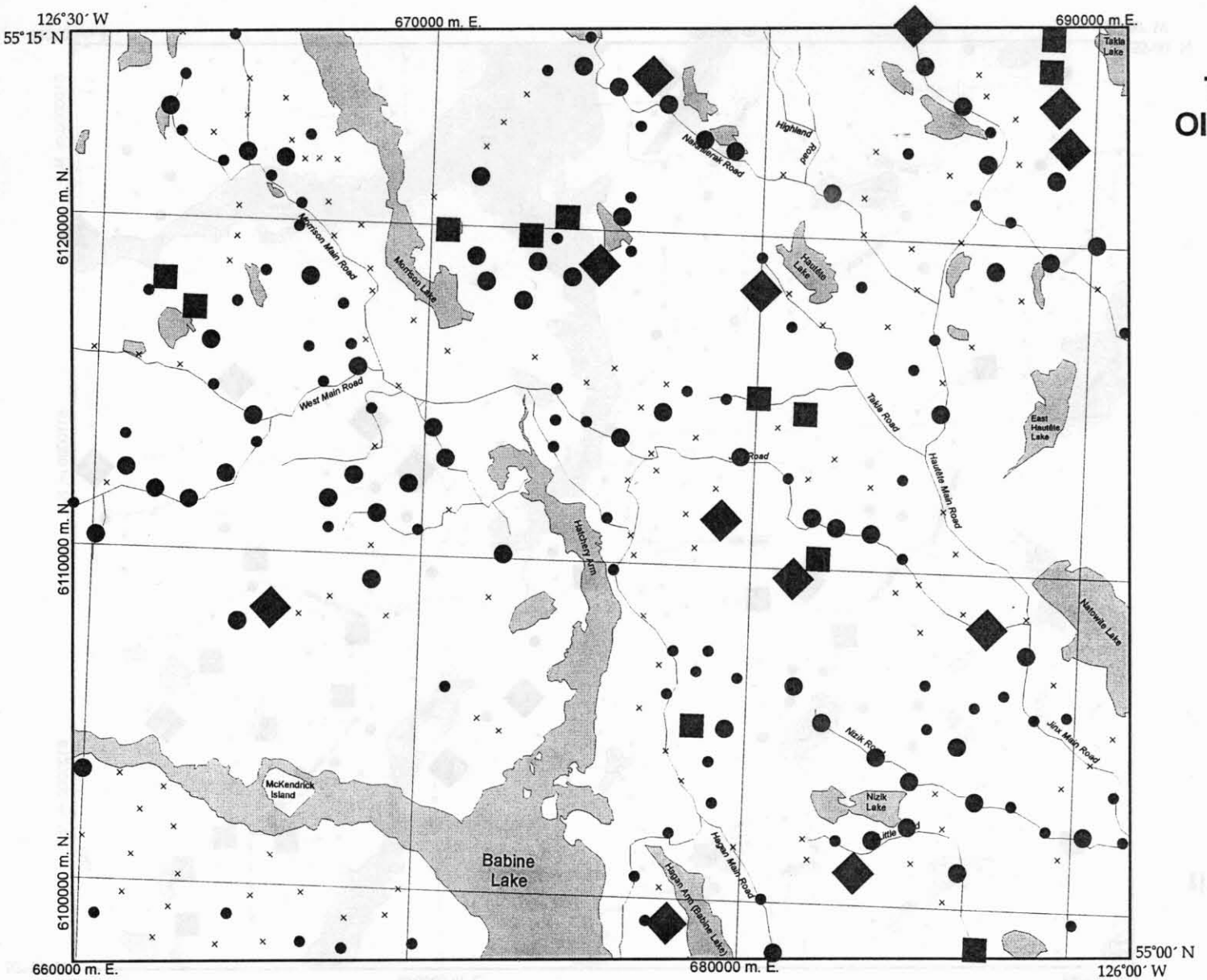
AICP

Glacial till

Concentration	Frequency/Regional %tile		
19 to 79	◆	n= 12	(>95%)
16 to 19	■	n= 6	(91-95%)
12 to 16	●	n= 68	(71-90%)
10 to 12	•	n= 75	(51-70%)
3 to 10	×	n= 126	(<51%)

n_{total}=287 Samples

Percentile class intervals based on Babine regional data set of 941 samples



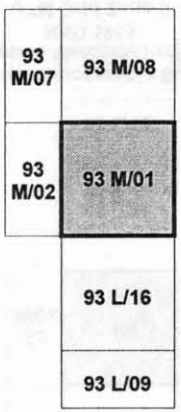
B.C. Geological Survey Branch

Open File 1997-10a

Till Geochemistry of the Old Fort Mountain map area

(NTS 93 M/01, 1:50,000 scale)

0 5 10 km



National Topographic System
Transverse Mercator Projection
NAD 1983
UTM Grid Zone 9

Zinc (ppm)

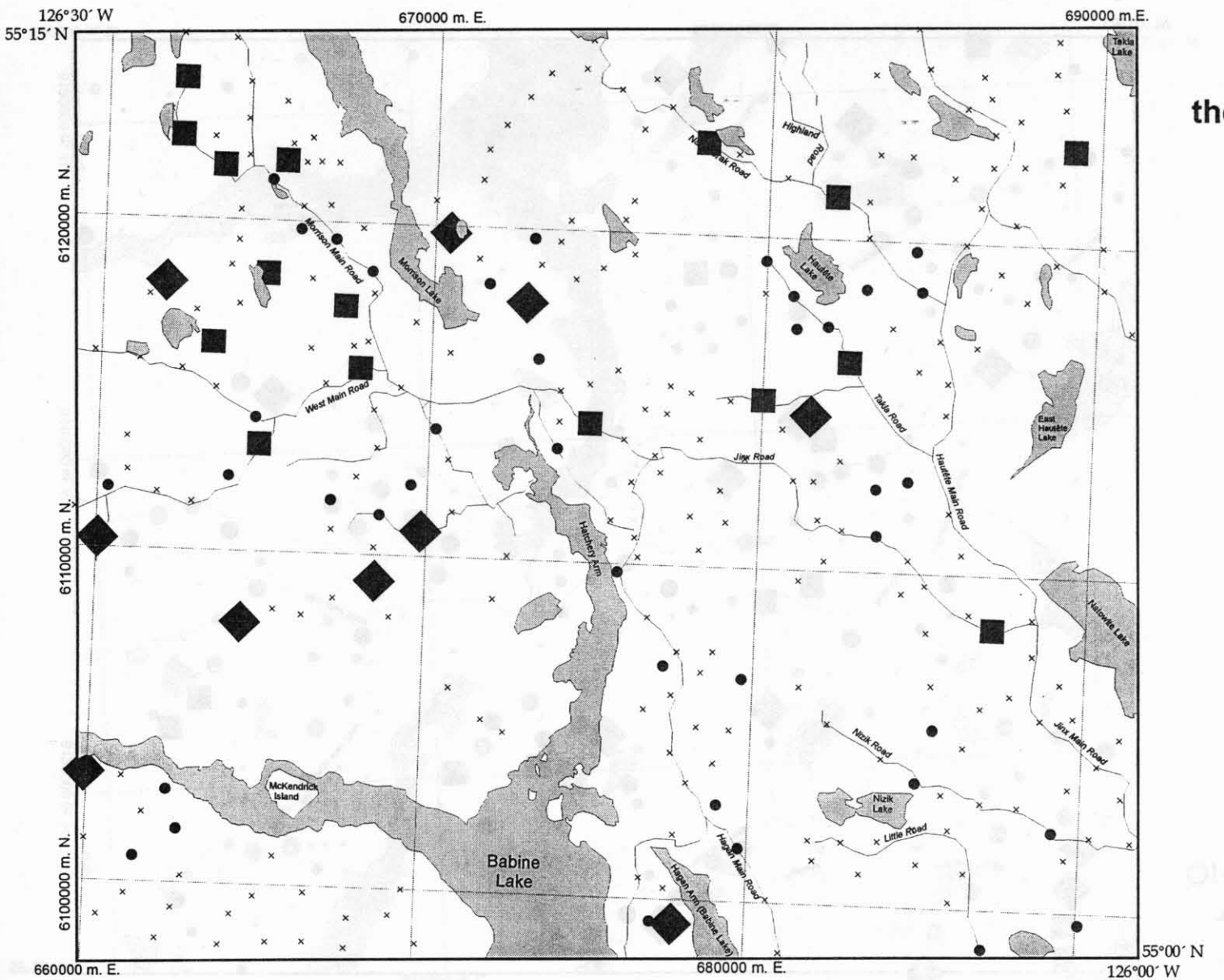
AICP

Glacial till

Concentration	Frequency/Regional %tile		
171 to 627	◆	n= 12	(>95%)
143 to 171	■	n= 12	(91-95%)
112 to 143	●	n= 64	(71-90%)
98 to 112	•	n= 78	(51-70%)
38 to 98	×	n= 121	(<51%)

n_{total}=287 Samples

Percentile class intervals based on Babine regional data set of 941 samples



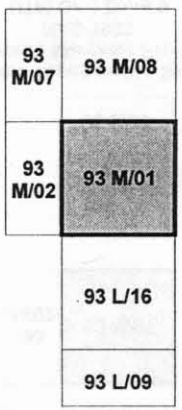
B.C. Geological Survey Branch

Open File 1997-10a

Till Geochemistry of the Old Fort Mountain map

(NTS 93 M/01, 1:50,000 scale)

0 5 10 km



National Topographic System
Transverse Mercator Projection
NAD 1983
UTM Grid Zone 9

Silver (ppm)

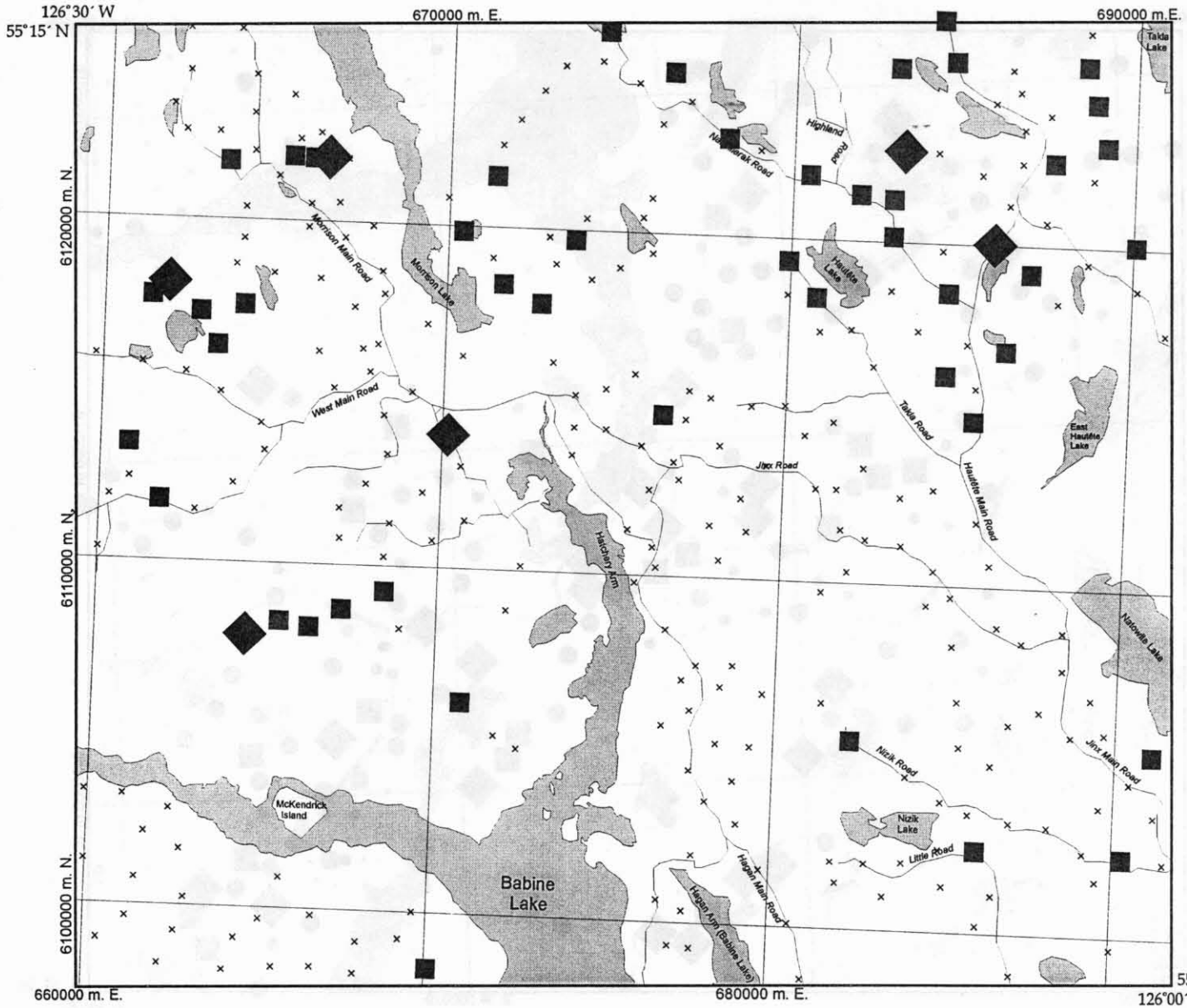
AICP

Glacial till

Concentration	Frequency/Regional %tile		
0.41 to 1.11 ◆	n= 10	(>95%)
0.31 to 0.41 ■	n= 16	(91-95%)
0.11 to 0.31 ●	n= 40	(71-90%)
<0.1 to 0.11 ·	n= 221	(<70%)

n_{total}=287 Samples

Percentile class intervals based on Babine regional data set of 941 samples



B.C. Geological Survey Branch

Open File 1997-10a

Till Geochemistry of the Old Fort Mountain map area

(NTS 93 M/01, 1:50,000 scale)

0 5 10 km

93 M/07	93 M/08
93 M/02	93 M/01
	93 L/16
	93 L/09

National Topographic System
Transverse Mercator Projection
NAD 1983
UTM Grid Zone 9

Molybdenum (ppm)

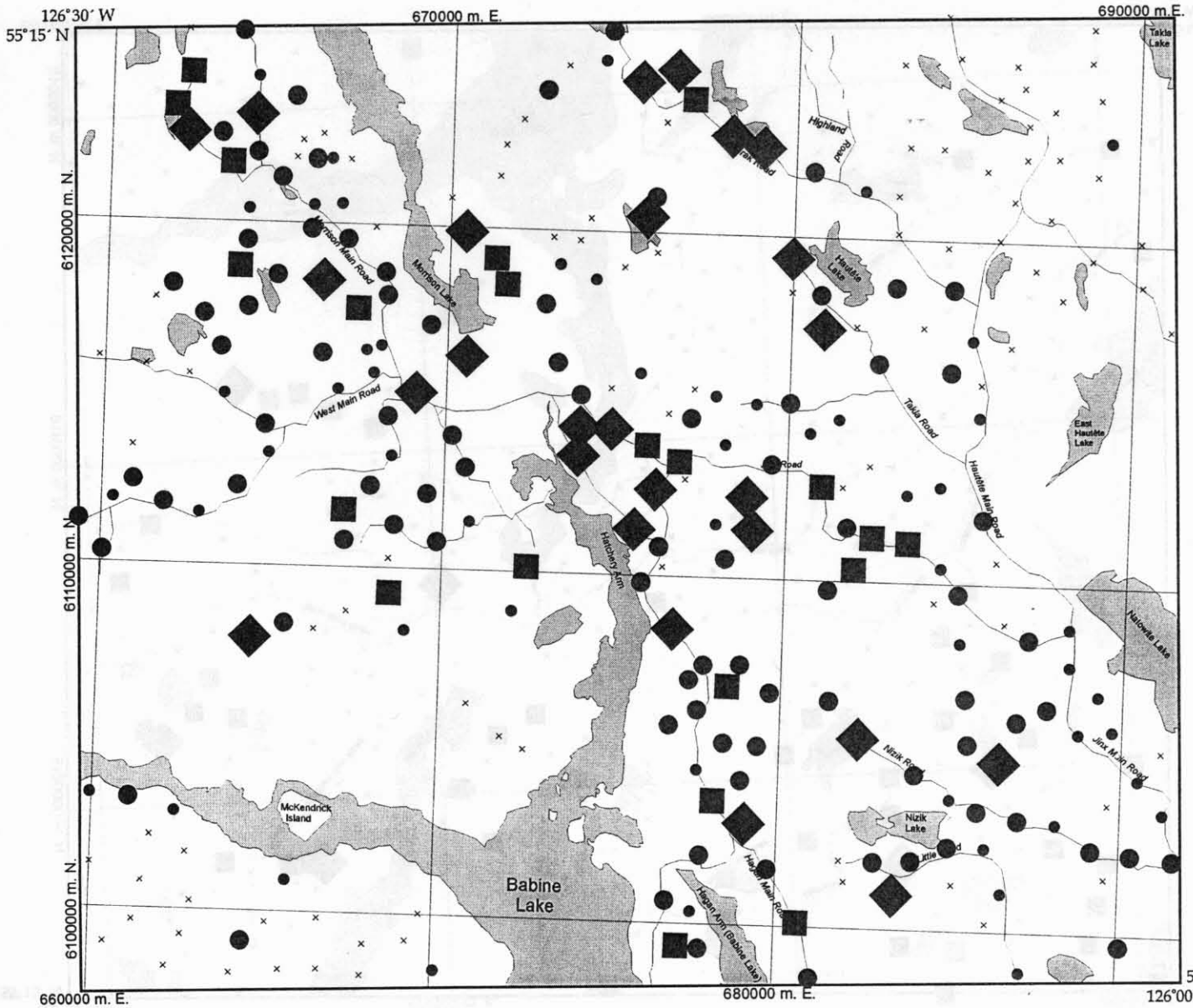
AICP

Glacial till

Concentration	Frequency/Regional %tile		
3 to 39	◆	n= 6	(>95%)
2 to 3	■	n= 47	(91-95%)
<2 to 2	·	n= 234	(<90%)

n_{total}=287 Samples

Percentile class intervals based on Babine regional data set of 941 samples



B.C. Geological Survey Branch

Open File 1997-10a

Till Geochemistry of the Old Fort Mountain map area

(NTS 93 M/01, 1:50,000 scale)

0 5 10 km

93 M/07	93 M/08
93 M/02	93 M/01
	93 L/16
	93 L/09

National Topographic System
Transverse Mercator Projection
NAD 1983
UTM Grid Zone 9

Mercury (ppb)

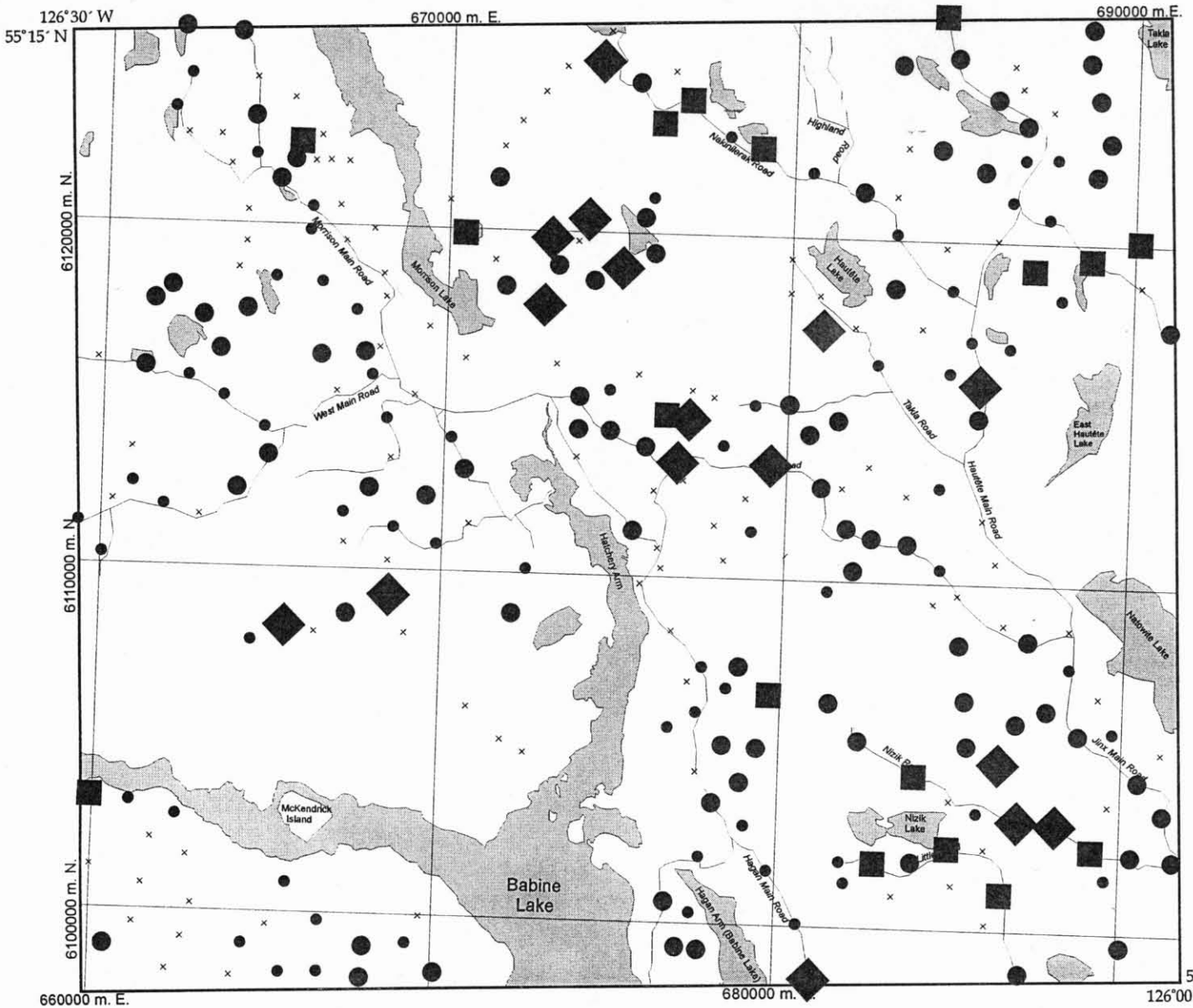
AICP

Glacial till

Concentration	Frequency/Regional %tile		
240 to 951	n= 26	(>95%)	
200 to 240	n= 21	(91-95%)	
137 to 200	n= 88	(71-90%)	
100 to 137	n= 54	(51-70%)	
10 to 100	n= 98	(<51%)	

n_{total}=287 Samples

Percentile class intervals based on Babine regional data set of 941 samples



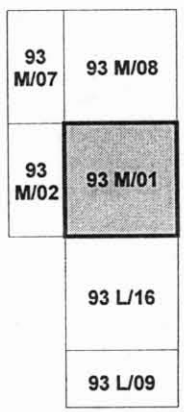
B.C. Geological Survey Branch

Open File 1997-10a

Till Geochemistry of the Old Fort Mountain map area

(NTS 93 M/01, 1:50,000 scale)

0 5 10 km



National Topographic System
Transverse Mercator Projection
NAD 1983
UTM Grid Zone 9

Iron (%)

INAA

Glacial till

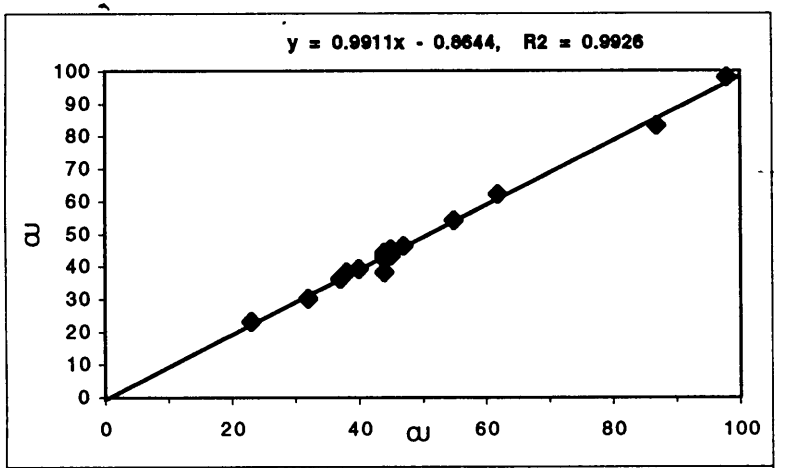
Concentration	Frequency/Regional %tile		
5.78 to 7.80	◆ n= 16	(>95%)
5.45 to 5.78	■ n= 17	(91-95%)
4.76 to 5.45	● n= 83	(71-90%)
4.36 to 4.76	• n= 67	(51-70%)
1.73 to 4.36	× n= 104	(<51%)

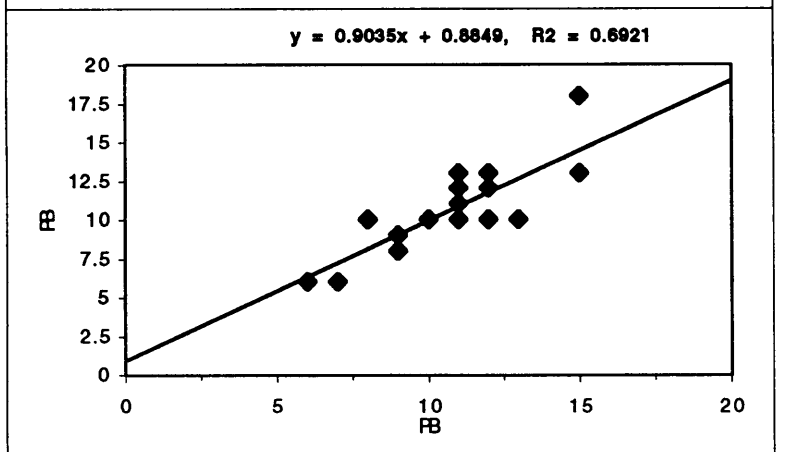
n_{total}=287 Samples

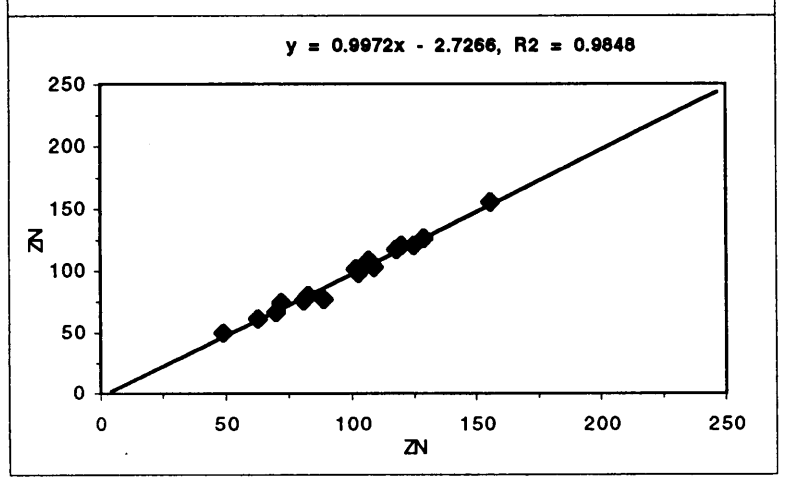
Percentile class intervals based on Babine regional data set of 941 samples

Scatterplots of Analytical and Field Duplicate Pairs

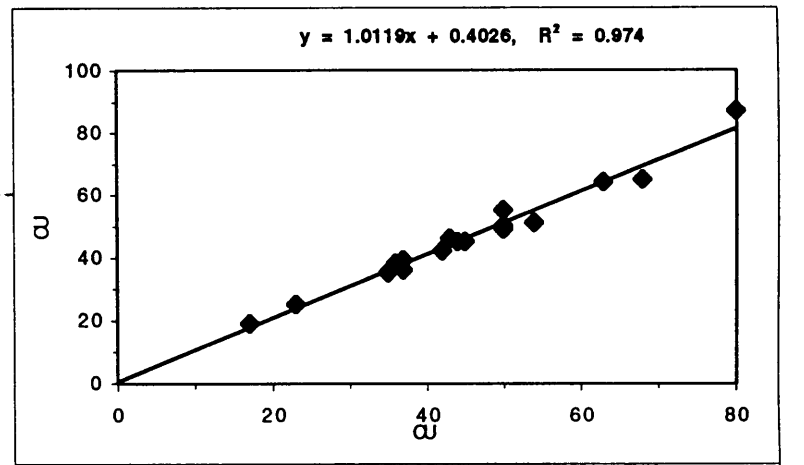
ICP Analytical Duplicate Pairs (n=17)

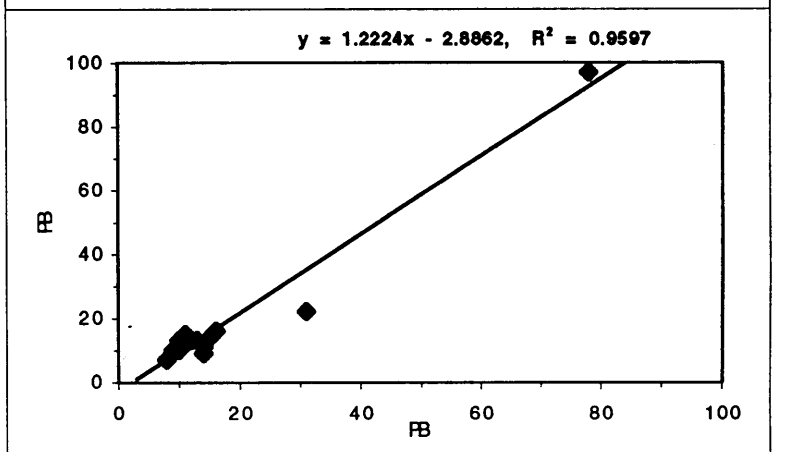


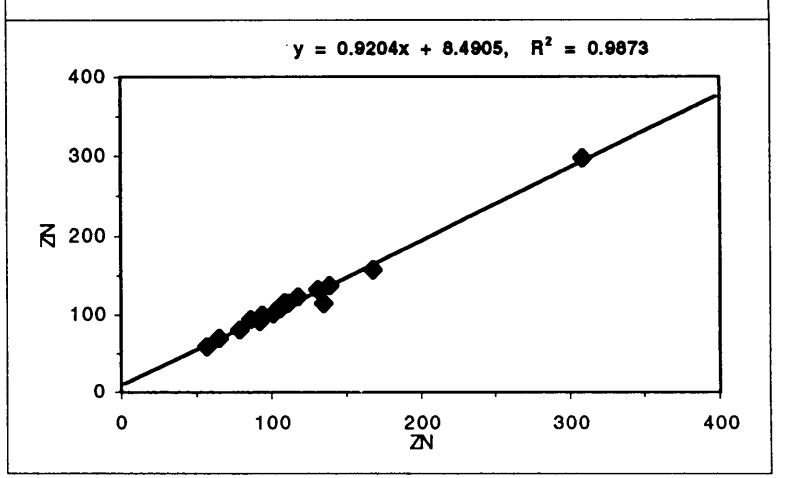




ICP Field Duplicate Pairs (n=18)

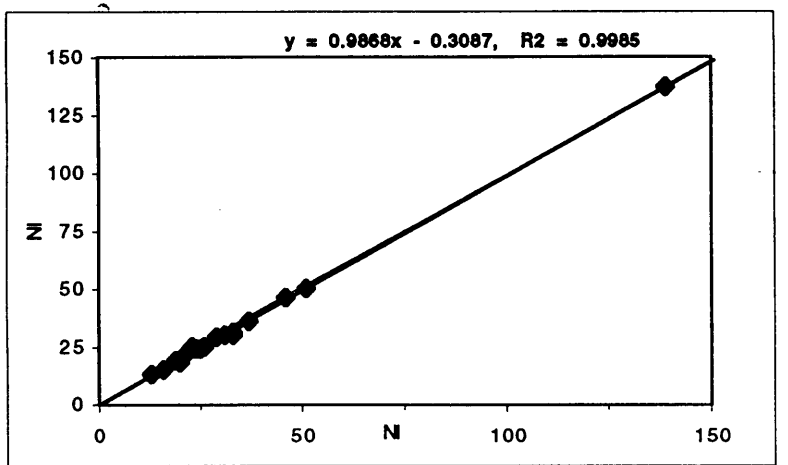


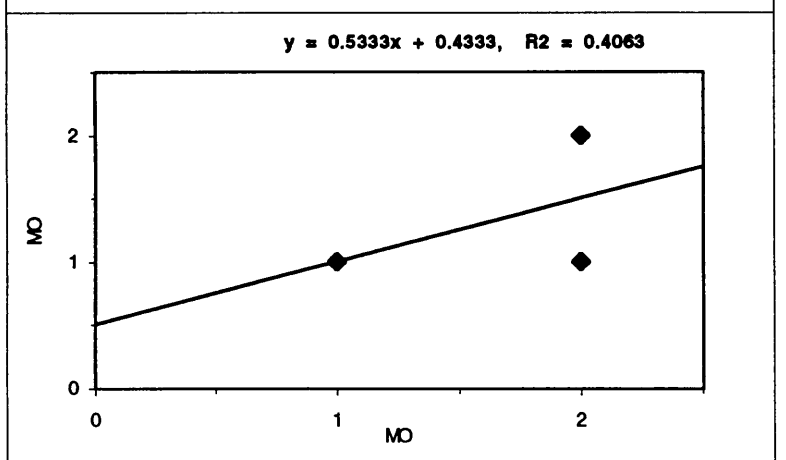


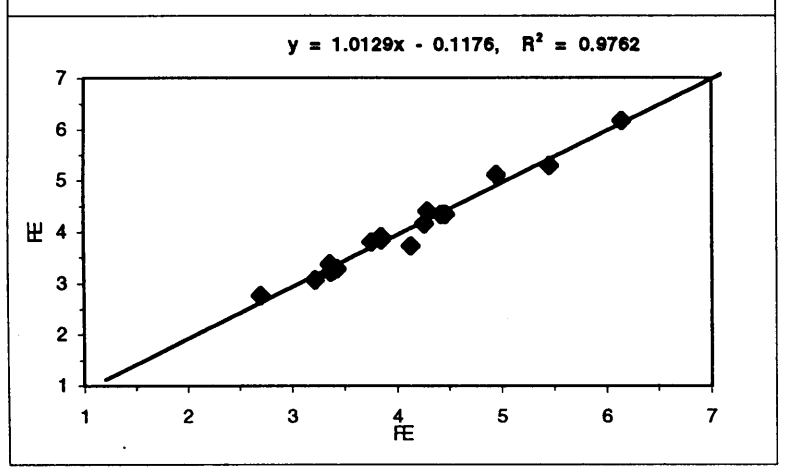


Scatterplots of Analytical and Field Duplicate Pairs

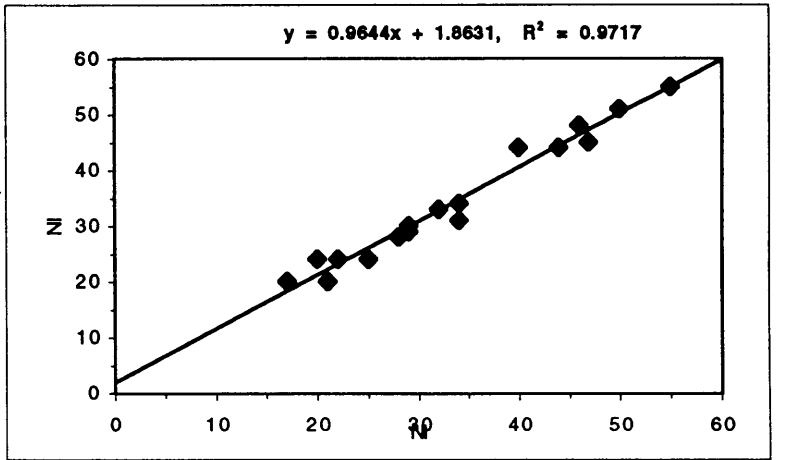
ICP Analytical Duplicate Pairs (n=17)

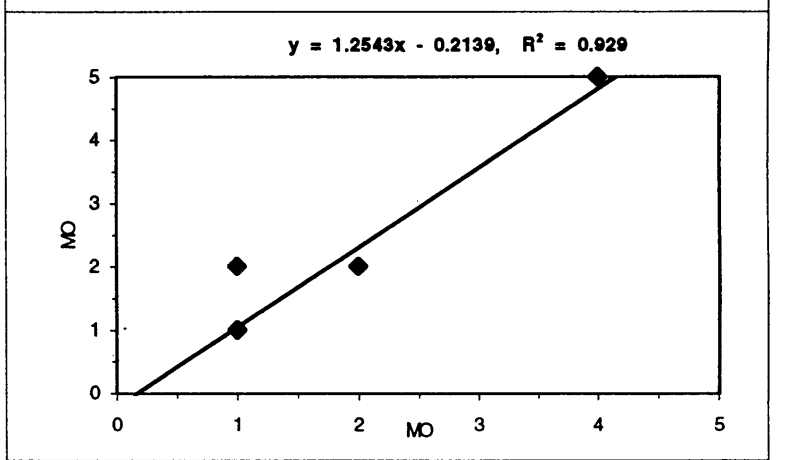


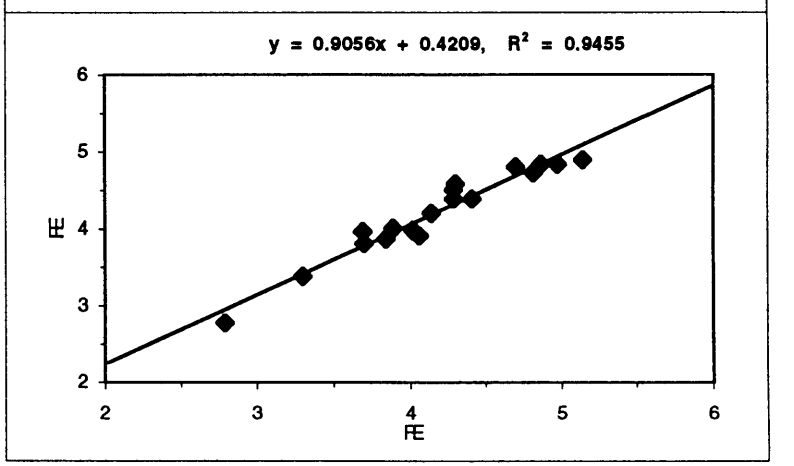




ICP Field Duplicate Pairs (n=18)

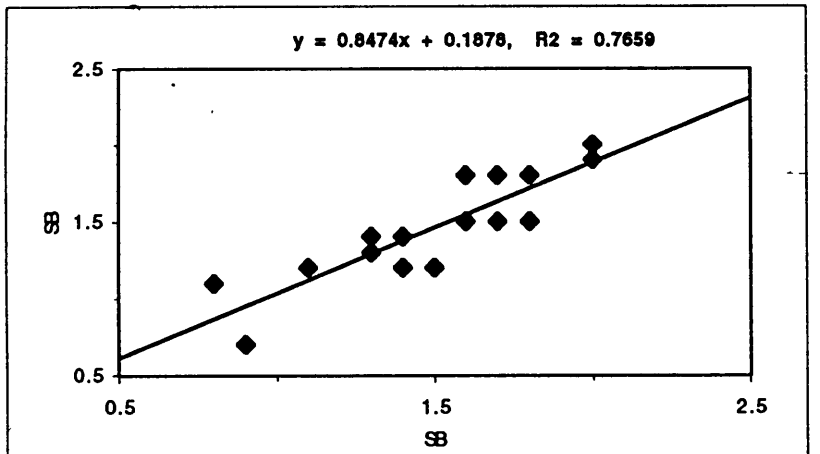


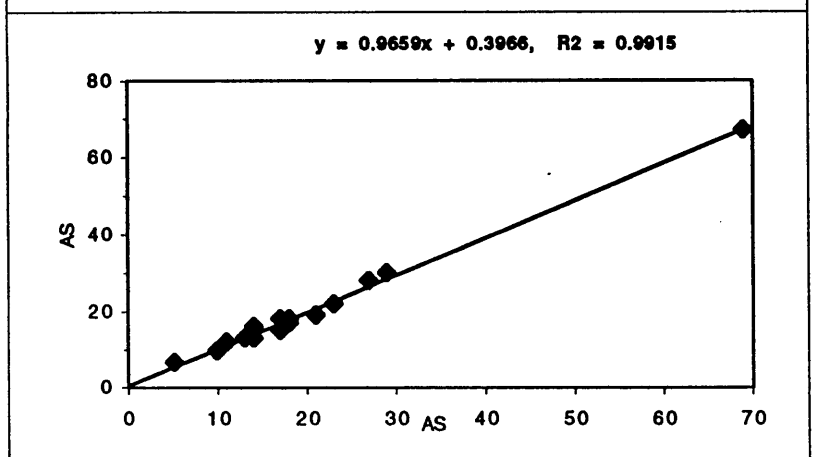


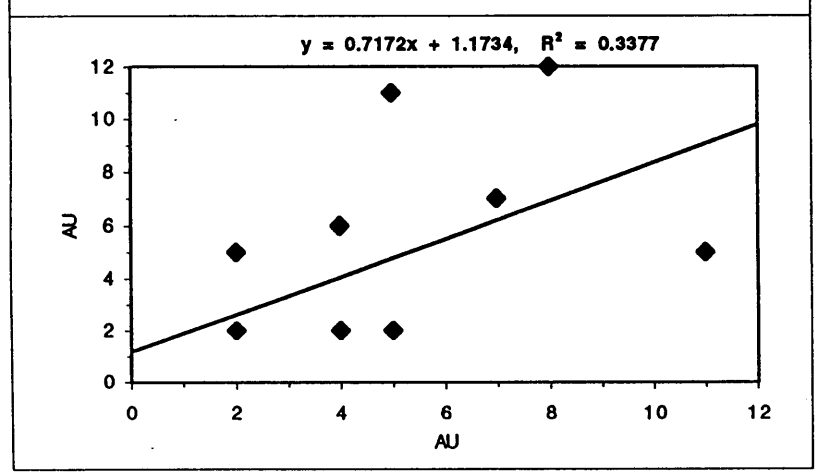


Scatterplots of Analytical and Field Duplicate Pairs

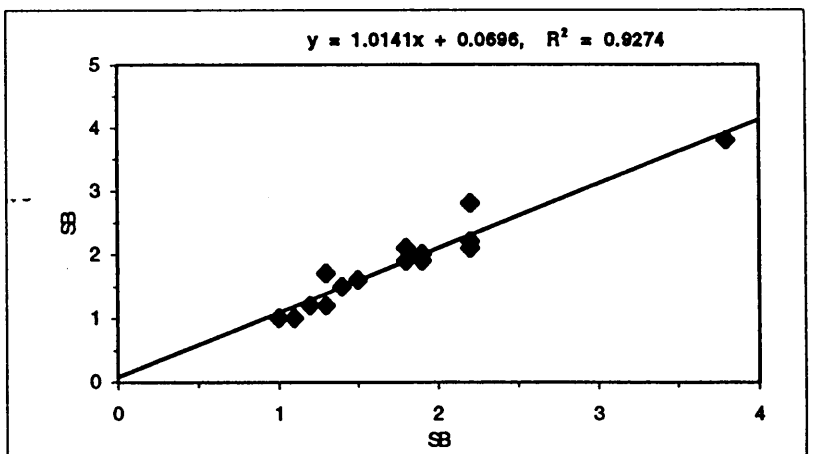
INA Analytical Duplicate Pairs (n=17)

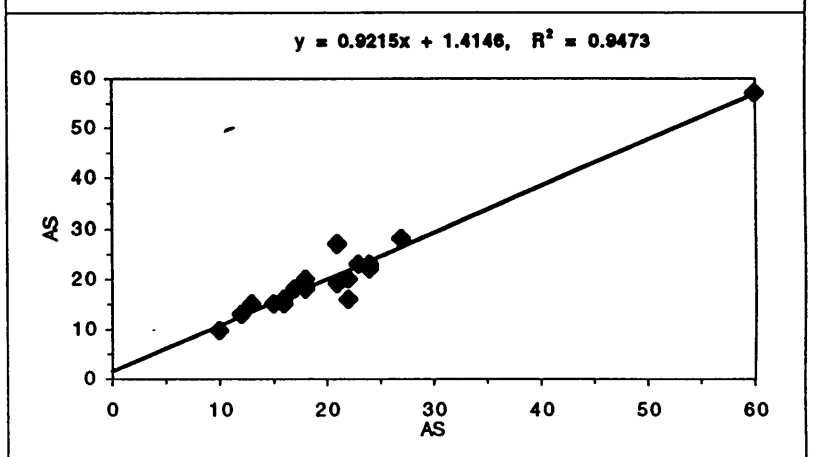


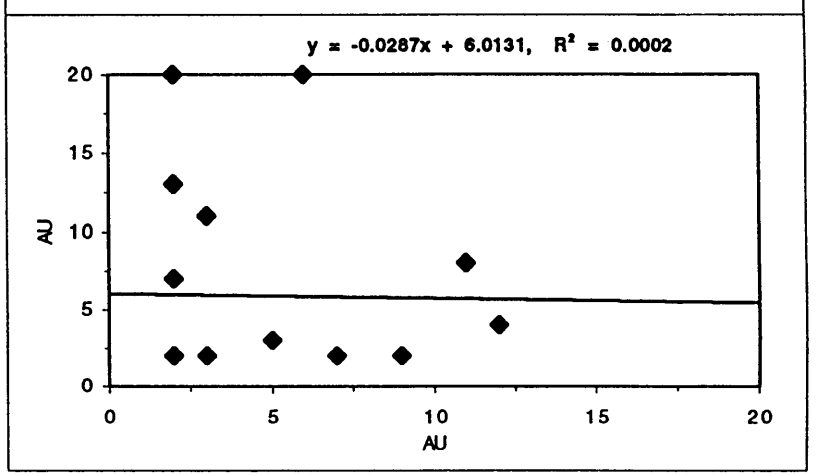




INA Field Duplicate Pairs (n=18)







ICP Analytical Data

			Element		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	V	Ca	P	Cr	Mg	Ba	Ti	Al	Na	K	Hg
			Units		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	%	%	%	%	ppb
			Detection limit		1	1	3	1	0.3	1	1	2	0.01	2	1	0.2	2	2	1	0.01	0	1	0.01	1	0.01	0.01	0.01	0.01	10
MAP	ID	UTMZ	UTME	UTMN	Rep	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	CAA
93M01	95-3002	9U	662188	6125462		1	23	6	49	<.3	13	6	250	2.76	2	76	<.2	<2	<2	53	0.66	0.09	20	0.67	305	0.08	1.56	0.03	0.08	10
93M01	95-3003	9U	661957	6123162		1	44	15	133	<.3	49	20	936	3.69	13	80	0.8	3	<2	46	2.02	0.06	26	0.49	316	0.01	1.63	0.02	0.12	205
93M01	95-3004	9U	673220	6118884		1	52	11	114	<.3	31	14	866	4.26	21	28	0.2	<2	3	61	0.26	0.06	30	0.57	177	0.04	2.2	0.01	0.07	130
93M01	95-3005	9U	662486	6102732	10	1	36	11	94	0.3	32	14	844	3.69	10	67	0.3	2	<2	46	1.09	0.07	20	0.45	208	0.05	1.64	0.03	0.09	110
93M01	95-3006	9U	662486	6102732	20	1	38	12	99	0.3	33	14	981	3.95	13	69	0.3	2	<2	49	0.84	0.07	21	0.47	224	0.05	1.74	0.03	0.09	100
93M01	95-3008	9U	661134	6103109		1	33	8	82	<.3	28	8	365	3.62	6	49	<.2	<2	<2	47	0.42	0.05	23	0.53	187	0.04	1.91	0.02	0.11	155
93M01	95-3009	9U	660007	6103209		1	43	15	113	0.5	39	17	1350	4.39	10	70	0.3	<2	<2	50	0.61	0.07	24	0.54	241	0.03	1.88	0.03	0.09	115
93M01	95-3010	9U	662837	6101555		<1	28	9	80	0.3	21	8	463	3.22	8	55	<.2	<2	2	44	0.51	0.06	18	0.4	220	0.07	1.6	0.02	0.07	75
93M01	95-3011	9U	661788	6102043		1	21	6	54	<.3	21	6	271	2.56	3	47	<.2	2	2	36	0.43	0.05	18	0.38	200	0.08	1.52	0.01	0.05	50
93M01	95-3012	9U	661562	6100722		1	33	9	83	0.3	25	10	604	3.53	10	60	0.2	<2	<2	48	0.59	0.06	19	0.43	260	0.06	1.78	0.02	0.07	75
93M01	95-3013	9U	660075	6101214		1	26	10	60	<.3	21	7	331	3.08	6	48	<.2	<2	<2	42	0.43	0.04	19	0.41	206	0.08	1.5	0.02	0.05	90
93M01	95-3014	9U	670140	6098344		2	58	12	99	<.3	31	14	899	4.36	13	51	0.2	2	<2	63	0.83	0.06	24	0.53	192	0.05	2.21	0.02	0.09	105
93M01	95-3015	9U	669294	6099165		1	36	12	97	<.3	30	14	1020	4.08	14	66	0.4	2	<2	52	0.77	0.07	22	0.51	298	0.05	1.88	0.03	0.1	95
93M01	95-3016	9U	669670	6099948		1	26	11	69	<.3	20	8	432	3.47	9	35	<.2	<2	<2	45	0.3	0.05	19	0.41	156	0.06	1.87	0.02	0.07	75
93M01	95-3017	9U	668063	6099042		1	38	10	92	<.3	31	12	800	4.18	14	69	0.2	3	3	53	0.59	0.07	22	0.53	305	0.04	2.01	0.03	0.08	90
93M01	95-3018	9U	668008	6098138		1	48	12	112	<.3	46	15	864	4.16	15	60	0.5	4	<2	50	0.59	0.07	30	0.57	272	0.02	1.9	0.02	0.08	85
93M01	95-3019	9U	666735	6099756		1	37	12	92	<.3	33	14	891	3.94	15	64	0.3	2	<2	51	0.62	0.07	22	0.49	278	0.04	1.82	0.03	0.08	90
93M01	95-3020	9U	666757	6098293		1	41	15	102	<.3	30	14	1017	3.82	14	56	0.5	<2	<2	47	1.05	0.08	19	0.41	282	0.05	1.55	0.03	0.08	80
93M01	95-3022	9U	665645	6098251		1	36	11	94	<.3	31	13	978	3.92	9	54	0.3	2	<2	49	0.59	0.07	21	0.44	238	0.04	1.75	0.03	0.08	80
93M01	95-3023	9U	664210	6098126		1	31	11	95	<.3	34	8	470	3.34	8	50	0.2	<2	2	42	0.52	0.07	24	0.46	225	0.04	1.71	0.02	0.07	80
93M01	95-3025	9U	665768	6100826		1	39	14	92	<.3	26	11	697	3.98	15	62	0.2	<2	<2	52	0.64	0.07	20	0.5	270	0.05	1.84	0.03	0.07	120
93M01	95-3026	9U	665218	6099607		1	27	9	72	<.3	19	8	518	3.1	10	56	<.2	<2	<2	41	0.58	0.07	16	0.34	225	0.07	1.39	0.02	0.05	90
93M01	95-3027	9U	664524	6099050		1	42	12	103	<.3	41	17	938	3.84	12	77	0.5	3	<2	47	1.71	0.07	23	0.61	222	0.02	1.75	0.03	0.09	150
93M01	95-3028	9U	674384	6124740		<1	83	10	120	<.3	137	34	1633	5.29	26	51	0.8	3	<2	71	0.87	0.06	74	1.44	157	0.08	2.07	0.04	0.05	120
93M01	95-3029	9U	676176	6123011		1	45	11	103	<.3	28	10	635	4.22	9	107	0.2	2	<2	73	0.78	0.09	24	0.85	257	0.07	2.14	0.04	0.09	80
93M01	95-3030	9U	676985	6123689	10	1	50	16	139	<.3	47	28	2208	4.98	20	65	0.5	<2	<2	65	0.7	0.09	31	0.49	320	0.02	1.96	0.02	0.09	235
93M01	95-3031	9U	676985	6123689	20	1	49	16	136	<.3	45	26	1887	4.83	18	61	0.5	<2	<2	64	0.65	0.07	31	0.47	302	0.02	1.89	0.02	0.09	265
93M01	95-3032	9U	663015	6100169		1	32	11	77	<.3	22	8	453	3.6	11	51	<.2	<2	<2	48	0.57	0.06	20	0.43	226	0.05	1.77	0.02	0.07	100
93M01	95-3033	9U	662759	6099195		1	15	5	62	<.3	19	6	279	2.52	6	40	<.2	<2	<2	38	0.4	0.04	16	0.39	174	0.07	1.43	0.01	0.05	35
93M01	95-3034	9U	661336	6099597		1	27	10	73	<.3	20	7	397	3.21	10	53	0.2	<2	<2	41	0.51	0.06	18	0.4	197	0.06	1.52	0.02	0.07	75
93M01	95-3035	9U	660516	6098949	10	1	35	14	106	<.3	46	20	1057	3.84	11	72	0.4	<2	<2	46	1.62	0.06	24	0.64	208	0.02	1.64	0.02	0.1	85
93M01	95-3036	9U	660516	6098949	20	<1	35	9	107	<.3	48	22	1112	3.86	14	73	0.4	<2	<2	46	1.66	0.07	24	0.64	212	0.02	1.64	0.02	0.1	85
93M01	95-3037	9U	662315	6098269		1	43	12	97	<.3	32	15	702	3.7	13	77	0.5	2	<2	45	2.06	0.06	19	0.55	207	0.02	1.55	0.03	0.09	100
93M01	95-3038	9U	672095	6108760		1	40	11	93	<.3	32	11	542	4.37	15	30	0.4	<2	<2	52	0.31	0.04	28	0.5	186	0.01	1.93	0.01	0.08	120
93M01	95-3039	9U	672484	6110063		1	34	13	131	<.3	25	10	932	3.98	14	28	0.3	3	<2	43	0.41	0.06	21	0.39	166	0.02	1.54	0.01	0.07	210
93M01	95-3040	9U	672484	6110063		1	40	13	129	<.3	30	14	1365	4.24	16	36	0.3	<2	<2	44	0.5	0.07	19	0.38	189	0.03	1.4	0.02	0.06	200
93M01	95-3042	9U	659901	6115908		1	30	13	76	<.3	25	8	463	3.21	13	42	<.2	<2	<2	39	0.41	0.06	17	0.32	212	0.05	1.15	0.01	0.06	80
93M01	95-3043	9U	661260	6115702		1	31	21	95	<.3	32	14	930	4.15	18	61	0.3	2	<2	46	0.5	0.06	22	0.4	188	0.02	1.53	0.02	0.07	75
93M01	95-3044	9U	662531	6115444		1	33	11	95	<.3	32	13	812	3.64	14	44	0.2	<2	<2	43	0.47	0.06	21	0.4	249	0.02	1.46	0.01	0.08	95
93M01	95-3045	9U	663568	6114881		1	44	14	104	<.3	39	19	909	3.92	16	70	0.5	2	<2	45	1.98	0.06	23	0.48	262	0.01	1.52	0.02	0.09	115
93M01	95-3046	9U	661492	6117659		2	39	15	103	<.3	32	15	1047	4.07	19	49	0.4	2	<2	47	0.56	0.06	20	0.41	315	0.02	1.48	0.02	0.09	100
93M01	95-3047	9U	662917	6117211		2	47	19	154	<.3	61	37	1657	4.36	34	58	0.5	<2	<2	41	2.05	0.06	21	0.47	243	0.01	1.53	0.02	0.1	155
93M01	95-3048	9U	659434	6111161		1	43	13	107	<.3	40	14	761	4.12	15	67	<.2	3	<2	48	0.62	0.06	25	0.52	301	0.02	1.85	0.03	0.12	145
93M01	95-3049	9U	661981	6118058	10	4	54	31	168	0.7	34	17	1376	4.87	52	38	0.5	5	2	51	0.64	0.07	22	0.44	239	0.04	1.55	0.02	0.09	190
93M01	95-3050	9U	661981	6118058	20	5	51	22	156	0.4	31	17	1360	4.83	51	36	0.3	3	<2	52	0.63	0.07	22	0.47	239	0.05	1.59	0.03	0.12	180
93M01	95-3052	9U	660137	6110256		1	47	18	123	0.5	50	14	840	4.43	15	54	0.2	3	<2	47	0.49	0.06	30	0.51	318	0.01	2	0.02	0.11	145
93M01	95-3053	9U	660413	6111805		1	37	10	98	0.3	43	9	387	3.63	8	46	<.2	<2	<2	42	0.51	0.07	28	0.41	217	0.02	1.61	0.02	0.07	135
93M01	95-3054	9U	660939	6113337		2	22	11	110	<.3	32	7	340	3.47	12	22	<.2	2	<2	40	0.21	0.05	23	0.4	107	0.02	1.81	0.01	0.07	65
93M01	95-3055	9U	660981	6112340		1	47	56	122	<.3	53	19	1051	4.22	14	65	0.2	<2	2	45	1.12	0.07	28	0.49	271	0.02	1.82	0.02	0.09	200
93M01	95-3056	9U	661888	6111695		2	44	13	117	<.3	44	13	742	4.08	11	50	0.2	2	<2	44	0.54	0.06	28	0.41	325	0.01	1.68	0.02	0.08	150

ICP Analytical Data

				Element		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	V	Ca	P	Cr	Mg	Ba	Ti	Al	Na	K	Hg
				Units		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	%	%	%	%	ppb
				Detection limit		1	1	3	1	0.3	1	1	2	0.01	2	1	0.2	2	2	1	0.01	0	1	0.01	1	0.01	0.01	0.01	0.01	10
MAP	ID	UTMZ	UTME	UTMN	Rep	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	CAA
93M01	95-3057	9U	668481	6110192		1	14	8	46	<.3	16	5	148	2.22	8	11	<.2	2	<2	36	0.06	0.02	18	0.2	103	0.01	1.34	0.01	0.03	50
93M01	95-3058	9U	669002	6108107		1	31	10	80	<.3	32	8	411	3.41	11	31	<.2	3	<2	42	0.25	0.05	25	0.42	162	0.04	1.31	0.01	0.05	110
93M01	95-3059	9U	668532	6109182		2	53	25	140	0.6	38	16	1294	5.34	34	46	0.3	3	<2	50	0.49	0.06	23	0.42	339	0.01	1.79	0.02	0.09	230
93M01	95-3060	9U	667184	6110696		1	40	10	108	<.3	43	10	573	3.93	17	38	0.2	3	<2	43	0.43	0.06	28	0.4	306	0.02	1.52	0.02	0.06	155
93M01	95-3062	9U	667145	6111574		1	47	14	118	0.3	47	15	883	4.43	19	37	0.2	3	<2	50	0.46	0.07	30	0.41	231	0.02	1.5	0.02	0.06	210
93M01	95-3063	9U	668619	6111166		1	43	11	126	0.3	46	12	777	4.33	18	33	0.2	<2	2	43	0.45	0.08	27	0.37	177	0.03	1.18	0.02	0.05	190
93M01	95-3064	9U	669872	6110706		1	32	12	102	0.5	32	11	1117	4.49	10	25	0.2	4	<2	37	0.36	0.08	23	0.49	235	0.02	1.45	0.01	0.09	180
93M01	95-3065	9U	669543	6112095		1	45	14	118	0.3	49	17	1101	4.69	10	36	0.2	2	<2	48	0.54	0.07	30	0.43	265	0.01	1.72	0.02	0.06	160
93M01	95-3066	9U	670797	6111319		1	58	8	77	<.3	41	11	614	3.93	8	32	<.2	2	<2	45	0.65	0.05	33	0.59	218	0.04	1.7	0.02	0.06	130
93M01	95-3067	9U	670630	6112895	10	1	42	11	135	<.3	50	18	1082	4.02	15	69	0.5	2	<2	47	2.02	0.06	28	0.56	286	0.01	1.76	0.02	0.11	170
93M01	95-3068	9U	670630	6112895	20	1	42	15	114	<.3	51	18	1060	3.97	10	71	0.5	3	<2	46	2.11	0.06	28	0.56	294	0.01	1.77	0.02	0.11	160
93M01	95-3069	9U	667890	6112292		1	53	12	139	<.3	63	21	1289	4.57	16	60	0.5	<2	<2	47	1.34	0.07	33	0.59	222	0.01	1.79	0.04	0.08	160
93M01	95-3070	9U	668490	6113179		1	33	10	93	<.3	36	11	692	3.77	10	43	<.2	<2	<2	46	0.51	0.06	29	0.45	269	0.02	1.63	0.02	0.08	135
93M01	95-3072	9U	663851	6125339		1	44	14	101	<.3	47	16	1403	4.01	10	54	0.5	2	<2	52	0.67	0.07	29	0.51	255	0.01	1.85	0.02	0.13	170
93M01	95-3073	9U	664329	6124040		1	32	10	71	<.3	28	8	355	3.42	8	33	<.2	<2	<2	47	0.28	0.04	26	0.42	211	0.02	1.74	0.01	0.08	105
93M01	95-3074	9U	665444	6123489		1	33	6	74	<.3	39	11	458	3.45	5	32	0.2	<2	<2	48	0.33	0.04	27	0.44	213	0.01	2.76	0.01	0.06	145
93M01	95-3075	9U	664306	6122948		1	44	13	96	<.3	42	12	662	4.27	12	53	<.2	2	<2	50	0.45	0.05	31	0.5	296	0.01	2.01	0.02	0.11	310
93M01	95-3076	9U	664144	6120258		1	36	11	86	<.3	29	10	532	3.56	9	37	<.2	<2	<2	41	0.31	0.03	22	0.33	240	0.02	1.44	0.02	0.06	135
93M01	95-3077	9U	664194	6117429		2	45	11	112	<.3	40	16	1484	4.34	13	57	0.3	<2	<2	48	0.58	0.06	24	0.51	345	0.01	1.86	0.03	0.11	200
93M01	95-3078	9U	663918	6118603		1	44	13	90	<.3	32	11	667	3.93	12	85	<.2	2	<2	46	0.62	0.06	24	0.39	499	0.01	1.66	0.02	0.11	210
93M01	95-3079	9U	664117	6119356		1	39	12	85	<.3	33	12	722	3.62	9	51	0.3	<2	<2	42	0.49	0.06	22	0.33	251	0.02	1.39	0.02	0.08	185
93M01	95-3080	9U	666259	6122431		1	32	9	112	<.3	30	10	314	3.64	8	16	<.2	<2	<2	51	0.12	0.08	27	0.41	144	0.02	2.23	0.01	0.06	65
93M01	95-3082	9U	666094	6121704		2	39	10	66	<.3	31	10	464	3.24	10	30	<.2	<2	<2	43	0.3	0.02	22	0.42	201	0.04	1.34	0.01	0.06	155
93M01	95-3083	9U	663298	6122402		1	36	11	86	<.3	32	9	534	3.72	11	34	<.2	<2	<2	45	0.25	0.04	25	0.34	228	0.02	1.52	0.01	0.07	180
93M01	95-3084	9U	662335	6122429		1	44	11	106	0.4	40	14	733	3.99	13	51	0.2	2	<2	48	0.48	0.06	24	0.36	308	0.01	1.49	0.02	0.08	540
93M01	95-3085	9U	665985	6119717		1	44	10	101	0.3	42	13	728	4.14	13	48	0.2	<2	<2	51	0.45	0.05	29	0.42	305	0.02	1.85	0.02	0.09	165
93M01	95-3086	9U	666035	6120396		1	48	14	112	<.3	48	18	865	4.22	12	76	0.5	<2	<2	52	1.41	0.06	30	0.57	354	0.01	1.94	0.02	0.12	115
93M01	95-3087	9U	667049	6119444		1	36	9	80	0.3	27	9	507	3.57	13	50	0.2	<2	<2	46	0.52	0.07	20	0.31	242	0.04	1.29	0.02	0.04	195
93M01	95-3088	9U	663625	6121572		2	43	14	107	0.4	40	14	1212	3.81	12	43	0.5	2	<2	45	0.48	0.07	22	0.31	291	0.03	1.24	0.02	0.08	220
93M01	95-3090	9U	665087	6121169		1	52	14	111	0.3	57	22	1182	4.28	16	61	0.8	4	<2	54	1.49	0.07	36	0.53	304	0.03	1.7	0.02	0.11	185
93M01	95-3091	9U	668170	6118507		1	35	12	78	0.3	29	11	713	3.35	13	49	<.2	<2	<2	45	0.45	0.06	23	0.41	232	0.04	1.39	0.02	0.07	190
93M01	95-3092	9U	670580	6116116		1	43	9	88	<.3	36	13	744	3.93	14	62	0.2	2	<2	51	0.59	0.07	26	0.46	314	0.02	1.66	0.02	0.07	265
93M01	95-3093	9U	669529	6117015		1	33	7	73	<.3	27	8	449	3.23	12	41	0.2	2	<2	45	0.34	0.05	22	0.4	205	0.04	1.42	0.01	0.06	145
93M01	95-3094	9U	662396	6124122	10	1	44	11	103	0.4	55	24	1069	3.89	13	86	0.6	<2	<2	47	1.19	0.06	28	0.57	335	0.01	1.6	0.02	0.13	240
93M01	95-3095	9U	662396	6124122	20	1	45	12	104	<.3	55	22	1024	4	13	88	0.5	2	<2	49	1.27	0.06	29	0.58	337	0.01	1.65	0.02	0.13	195
93M01	95-3096	9U	664355	6121873		1	45	15	113	<.3	60	21	1442	4	15	54	0.4	2	<2	50	0.61	0.06	29	0.46	234	0.02	1.7	0.02	0.11	180
93M01	95-3097	9U	680620	6100028		1	55	11	112	<.3	34	16	952	4.03	17	61	0.6	<2	<2	57	2.11	0.07	24	0.54	221	0.05	1.43	0.02	0.08	210
93M01	95-3098	9U	679733	6101532		1	56	13	94	0.3	33	13	798	4.09	16	44	0.3	2	<2	57	0.69	0.07	27	0.44	252	0.03	1.6	0.02	0.07	180
93M01	95-3099	9U	679660	6106596		1	65	13	105	0.3	38	20	1518	5.04	20	41	0.5	2	<2	75	0.7	0.09	36	0.66	294	0.05	1.93	0.03	0.1	160
93M01	95-3100	9U	679336	6105051		1	64	14	128	<.3	39	17	926	4.69	14	75	0.6	2	<2	72	2.56	0.07	34	0.85	268	0.03	1.99	0.02	0.11	145
93M01	95-3102	9U	681051	6098452		1	98	9	120	<.3	36	19	1076	6.16	10	49	0.5	3	<2	123	1.05	0.07	43	1.04	181	0.1	2.7	0.02	0.09	180
93M01	95-3103	9U	678344	6105114		1	52	14	147	<.3	30	14	717	4.69	14	40	0.2	3	<2	76	0.39	0.04	31	0.51	273	0.02	1.79	0.01	0.09	145
93M01	95-3104	9U	678879	6104048		1	50	8	110	<.3	43	14	1084	4.4	14	49	0.3	2	<2	59	0.54	0.06	30	0.48	301	0.02	1.79	0.02	0.08	200
93M01	95-3105	9U	679029	6102809		1	62	12	108	0.3	41	17	969	4.02	17	88	0.6	3	<2	56	2.71	0.07	29	0.59	267	0.03	1.55	0.02	0.08	380
93M01	95-3106	9U	678091	6103439		1	55	9	95	<.3	36	13	717	4.51	15	56	0.2	2	<2	60	0.41	0.05	32	0.59	335	0.01	2.07	0.02	0.09	240
93M01	95-3107	9U	677596	6104320		1	29	6	69	<.3	27	7	318	2.9	7	34	<.2	2	<2	44	0.29	0.03	23	0.38	184	0.03	1.33	0.01	0.05	120
93M01	95-3108	9U	676749	6105597		1	34	9	80	<.3	31	10	448	3.73	11	43	<.2	2	<2	50	0.32	0.04	27	0.53	219	0.01	1.84	0.01	0.09	145
93M01	95-3109	9U	690033	6099578		1	51	8	105	0.3	32	12	628	4.28	12	53	0.3	2	<2	71	0.71	0.07	33	0.72	212	0.04	2.14	0.03	0.09	155
93M01	95-3111	9U	687158	6108321	10	1	68	78	309	0.4	29	15	1990	4.82	22	62	1.1	4	2	78	0.97	0.07	29	0.67	217	0.06	2.35	0.04	0.08	190
93M01	95-3112	9U	687158	6108321	20	1	65	97	297	0.4	29	14	1532	4.72	18	61	1	2	2	76	0.95	0.07	29	0.66	207	0.06	2.3	0.04	0.08	165

ICP Analytical Data

				Element		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	V	Ca	P	Cr	Mg	Ba	Ti	Al	Na	K	Hg
				Units		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	%	%	%	%	ppb
				Detection limit		1	1	3	1	0.3	1	1	2	0.01	2	1	0.2	2	2	1	0.01	0	1	0.01	1	0.01	0.01	0.01	0.01	10
MAP	ID	UTMZ	UTME	UTMN	Rep	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	CAA
93M01	95-3113	9U	688346	6108661		1	43	8	92	<.3	19	9	822	3.63	17	52	0.3	3	<2	63	0.75	0.07	21	0.4	164	0.09	1.37	0.04	0.05	125
93M01	95-3114	9U	686430	6108760		1	26	11	77	<.3	19	9	502	3.54	13	29	0.3	<2	<2	66	0.38	0.04	24	0.48	117	0.08	1.6	0.01	0.05	75
93M01	95-3115	9U	685154	6108172		1	52	15	96	<.3	29	16	1117	4.43	14	36	0.2	<2	<2	74	0.44	0.05	27	0.59	197	0.07	1.88	0.02	0.07	135
93M01	95-3116	9U	685058	6109598		1	52	11	81	<.3	24	16	1039	3.85	14	36	0.3	<2	<2	66	0.48	0.05	25	0.49	189	0.07	1.49	0.02	0.06	155
93M01	95-3117	9U	684360	6109331		1	28	11	70	<.3	21	10	523	3.54	10	27	0.3	<2	3	62	0.48	0.02	25	0.45	122	0.05	1.64	0.01	0.04	90
93M01	95-3118	9U	684534	6110338		1	70	10	107	<.3	26	16	1123	4.31	12	49	0.6	<2	2	81	1.77	0.07	28	0.83	187	0.11	2.01	0.04	0.1	135
93M01	95-3119	9U	683556	6111042		1	58	15	119	0.3	39	23	1917	4.68	16	40	0.6	<2	3	70	0.61	0.07	29	0.58	277	0.04	1.95	0.03	0.09	205
93M01	95-3120	9U	682505	6111184		1	76	14	120	<.3	30	15	1157	4.8	25	43	0.6	24	<2	77	0.59	0.07	30	0.63	277	0.07	1.88	0.03	0.07	215
93M01	95-3122	9U	681260	6109632		1	42	13	98	<.3	21	9	565	3.28	10	30	0.5	<2	<2	55	0.34	0.05	22	0.43	150	0.07	1.33	0.01	0.04	130
93M01	95-3123	9U	681260	6109632		1	72	13	626	<.3	28	12	963	4.22	16	41	1.2	<2	<2	66	0.54	0.06	27	0.57	182	0.05	1.75	0.02	0.07	200
93M01	95-3124	9U	681997	6110243		1	61	12	163	<.3	35	17	1106	4.75	20	41	0.5	2	<2	70	0.61	0.06	32	0.58	213	0.03	2.07	0.02	0.09	220
93M01	95-3125	9U	680997	6112624		1	68	10	111	<.3	27	12	864	4.38	15	39	0.2	<2	<2	69	0.44	0.06	31	0.67	240	0.05	1.99	0.02	0.07	220
93M01	95-3126	9U	681762	6111457		1	55	12	116	<.3	30	14	940	4.48	14	50	0.2	<2	4	70	0.63	0.07	31	0.65	243	0.04	1.96	0.02	0.1	150
93M01	95-3127	9U	683938	6104350		1	67	15	132	<.3	33	18	1246	4.93	12	41	0.6	<2	3	79	0.6	0.07	31	0.73	215	0.05	2.13	0.02	0.1	170
93M01	95-3128	9U	682271	6105338		2	65	12	121	<.3	38	17	2162	4.9	17	43	0.5	<2	<2	67	0.68	0.07	29	0.52	218	0.03	1.89	0.02	0.08	255
93M01	95-3129	9U	681389	6106416		1	75	11	131	<.3	34	17	997	4.86	12	28	0.3	<2	<2	82	0.27	0.04	32	0.65	178	0.06	2.23	0.01	0.06	175
93M01	95-3130	9U	691090	6105152		2	21	10	64	<.3	23	9	313	3.48	13	22	0.2	<2	<2	57	0.22	0.05	22	0.49	117	0.07	2.06	0.01	0.03	75
93M01	95-3131	9U	689672	6105728		1	47	11	100	<.3	24	9	466	4.12	12	61	<.2	<2	2	75	0.75	0.07	30	0.62	212	0.07	2	0.03	0.07	115
93M01	95-3132	9U	685783	6103325		1	51	10	96	<.3	30	12	760	4.32	11	39	0.2	<2	<2	69	0.51	0.07	27	0.49	206	0.06	1.71	0.02	0.06	170
93M01	95-3133	9U	686384	6104744		1	65	11	130	<.3	33	15	946	5.05	11	44	0.4	<2	<2	80	0.62	0.07	33	0.78	247	0.05	2.3	0.02	0.1	265
93M01	95-3134	9U	686973	6103102		1	58	11	127	<.3	37	19	1261	4.77	15	50	0.7	<2	<2	76	1.41	0.07	31	0.74	212	0.06	2.04	0.03	0.1	175
93M01	95-3136	9U	688084	6103010		1	79	7	107	<.3	31	12	666	4.65	13	48	0.2	<2	<2	76	0.67	0.07	32	0.66	225	0.07	2.19	0.03	0.07	125
93M01	95-3137	9U	689143	6102300		1	54	8	112	0.3	45	14	786	4.44	13	54	0.3	<2	<2	62	0.5	0.05	32	0.54	367	0.01	2.08	0.02	0.09	180
93M01	95-3138	9U	689585	6103608		<1	24	5	53	<.3	17	5	317	2.43	4	42	<.2	<2	<2	48	0.54	0.06	19	0.41	134	0.1	1.26	0.02	0.04	55
93M01	95-3139	9U	690293	6102177		2	54	9	118	<.3	31	12	733	4.48	14	53	0.3	2	<2	73	0.7	0.08	30	0.67	253	0.06	2.18	0.03	0.09	145
93M01	95-3140	9U	691504	6102070	10	1	45	9	101	<.3	25	14	902	4.06	10	60	0.4	<2	<2	65	1.44	0.08	23	0.61	178	0.07	1.73	0.03	0.08	145
93M01	95-3142	9U	691504	6102070	20	1	45	10	101	<.3	24	14	944	3.9	11	59	0.4	<2	<2	62	1.59	0.08	22	0.59	169	0.07	1.63	0.03	0.07	105
93M01	95-3143	9U	689544	6101500		1	30	7	67	<.3	18	7	398	3.53	9	44	0.3	<2	2	60	0.53	0.06	22	0.59	150	0.08	1.77	0.02	0.07	85
93M01	95-3144	9U	690442	6104329		1	45	9	98	<.3	22	12	794	3.79	10	67	0.6	<2	<2	64	1.82	0.08	23	0.63	192	0.08	1.58	0.04	0.08	130
93M01	95-3145	9U	691184	6103389		1	55	12	109	<.3	28	17	1718	4.3	12	49	0.4	<2	<2	69	0.55	0.07	27	0.54	267	0.06	2.02	0.03	0.06	130
93M01	95-3146	9U	679528	6113227		1	72	8	135	<.3	34	19	1436	4.99	20	44	0.8	<2	<2	76	0.71	0.07	31	0.84	245	0.05	2.02	0.03	0.11	185
93M01	95-3147	9U	680618	6114157		1	37	10	94	<.3	24	10	700	3.98	17	33	<.2	<2	<2	56	0.35	0.03	26	0.56	195	0.03	1.88	0.02	0.07	125
93M01	95-3148	9U	678153	6113767		1	42	7	69	<.3	17	10	700	3.94	11	29	<.2	<2	2	71	0.5	0.07	25	0.67	125	0.1	1.43	0.02	0.05	120
93M01	95-3149	9U	677136	6114504		1	88	10	140	<.3	30	16	1019	5.52	19	33	0.2	<2	2	91	0.66	0.07	36	0.89	236	0.06	2.35	0.02	0.1	180
93M01	95-3150	9U	676825	6113238		1	53	7	98	<.3	32	20	1414	5.89	17	43	0.5	<2	<2	105	1.08	0.06	35	1.23	231	0.13	2.17	0.03	0.1	230
93M01	95-3151	9U	675879	6113687		1	69	12	120	<.3	31	16	1238	4.86	21	42	0.4	<2	<2	72	0.65	0.07	30	0.65	241	0.05	1.94	0.02	0.09	205
93M01	95-3152	9U	674795	6115305		1	42	6	74	<.3	24	10	518	4.05	20	22	0.2	2	4	69	0.36	0.03	27	0.63	151	0.07	1.46	0.01	0.06	60
93M01	95-3153	9U	674840	6114133		1	76	9	102	0.4	31	14	882	4.38	24	44	0.2	2	<2	57	0.45	0.06	27	0.43	255	0.04	1.64	0.02	0.07	400
93M01	95-3154	9U	673916	6114157		1	63	10	105	<.3	41	18	1135	4.47	17	58	0.2	<2	<2	59	0.6	0.07	27	0.51	317	0.03	1.8	0.03	0.07	670
93M01	95-3155	9U	673920	6115094		1	80	10	106	<.3	33	15	897	4.33	23	51	0.2	2	<2	65	1.38	0.06	33	0.71	248	0.04	1.83	0.02	0.1	175
93M01	95-3156	9U	673884	6113346		1	49	9	106	0.3	34	15	918	4.05	17	59	0.4	<2	<2	54	0.56	0.07	24	0.48	294	0.03	1.6	0.02	0.07	270
93M01	95-3157	9U	681877	6117295		1	45	9	90	0.3	23	12	829	3.84	14	51	0.4	<2	<2	61	0.45	0.07	27	0.48	201	0.06	1.85	0.02	0.07	95
93M01	95-3158	9U	682563	6116227		1	51	15	120	0.4	24	12	1006	4.35	15	50	0.2	<2	<2	66	0.64	0.08	25	0.5	212	0.09	1.82	0.03	0.07	195
93M01	95-3160	9U	683487	6112439		1	42	5	93	0.3	19	8	628	3.7	14	38	<.2	<2	<2	66	0.65	0.07	25	0.49	185	0.1	1.69	0.02	0.05	125
93M01	95-3162	9U	684450	6112692		1	46	12	103	0.3	25	13	1103	4.15	14	46	0.5	<2	<2	70	0.79	0.07	26	0.54	197	0.09	1.74	0.04	0.07	135
93M01	95-3163	9U	685723	6111776		1	44	7	64	<.3	18	8	625	3.4	13	38	0.2	<2	<2	65	0.6	0.04	25	0.37	186	0.1	1.44	0.03	0.04	180
93M01	95-3164	9U	686145	6110547		1	23	7	55	<.3	18	9	589	3	8	33	<.2	<2	<2	59	0.39	0.04	23	0.38	171	0.09	1.61	0.02	0.03	60
93M01	95-3165	9U	688380	6107561		1	48	11	128	<.3	27	12	765	4.31	10	65	0.2	2	<2	72	0.84	0.07	31	0.69	213	0.07	2.11	0.04	0.09	125
93M01	95-3166	9U	689238	6106730		1	40	6	83	<.3	19	8	589	3.42	12	56	0.2	<2	<2	64	0.81	0.08	23	0.47	176	0.1	1.46	0.04	0.05	125
93M01	95-3167	9U	688688	6105629		1	61	8	106	<.3	27	14	910	4.3	11	57	0.4	<2	<2	74	0.94	0.08	28	0.64	241	0.07	2.06	0.03	0.07	120

ICP Analytical Data

				Units		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	%	%	%	%	ppb
				Detection limit		1	1	3	1	0.3	1	1	2	0.01	2	1	0.2	2	2	1	0.01	0	1	0.01	1	0.01	0.01	0.01	0.01	10
MAP	ID	UTMZ	UTME	UTMN	Rep	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	CAA
93M01	95-3168	9U	685359	6106568	10	1	50	10	109	< .3	32	15	1093	4.29	13	38	0.4	< 2	< 2	66	0.58	0.06	28	0.57	227	0.05	1.83	0.02	0.08	155
93M01	95-3169	9U	685359	6106568	20	1	55	10	115	< .3	33	16	1004	4.5	14	42	0.3	< 2	2	69	0.75	0.06	29	0.63	245	0.04	1.95	0.02	0.09	135
93M01	95-3170	9U	686870	6105934		1	55	8	110	< .3	26	13	1061	4.25	15	42	0.5	< 2	< 2	71	0.67	0.07	25	0.53	206	0.08	1.76	0.03	0.07	180
93M01	95-3171	9U	687751	6106327		1	53	9	107	< .3	29	14	963	4.58	15	50	0.4	< 2	< 2	74	0.71	0.07	31	0.64	243	0.07	2.12	0.03	0.09	150
93M01	95-3172	9U	685459	6105252		1	55	9	112	0.3	30	14	982	4.54	16	47	< .2	< 2	< 2	68	0.53	0.05	27	0.55	226	0.05	1.78	0.02	0.08	145
93M01	95-3173	9U	670015	6120694		1	19	6	66	< .3	23	7	360	2.78	12	40	< .2	< 2	< 2	43	0.41	0.05	22	0.4	151	0.05	1.26	0.02	0.06	100
93M01	95-3174	9U	670477	6119744		2	264	13	164	0.6	46	12	419	5.32	122	23	0.4	4	< 2	57	0.17	0.04	26	0.35	160	0.03	1.49	0.01	0.04	375
93M01	95-3175	9U	671360	6118996		1	51	41	130	< .3	30	12	1016	3.67	50	40	0.3	< 2	< 2	54	0.45	0.06	24	0.43	175	0.06	1.41	0.01	0.07	205
93M01	95-3176	9U	671690	6118255		2	49	14	133	0.3	38	14	1121	4.35	34	81	0.4	< 2	2	60	0.59	0.07	28	0.55	234	0.03	1.84	0.02	0.11	205
93M01	95-3177	9U	676147	6112416		1	45	10	96	< .3	28	12	777	3.83	17	54	0.4	< 2	< 2	52	0.98	0.07	22	0.42	282	0.04	1.47	0.02	0.07	735
93M01	95-3179	9U	679049	6122365		1	55	11	125	< .3	33	16	1012	4.6	15	80	0.7	3	< 2	66	0.77	0.08	29	0.56	278	0.05	1.87	0.03	0.08	950
93M01	95-3180	9U	677793	6099215		1	1550	16	434	0.5	47	17	1004	4.35	15	55	2	< 2	2	56	0.45	0.07	28	0.61	460	0.02	2.01	0.02	0.1	180
93M01	95-3182	9U	677533	6100271		1	38	8	77	< .3	30	9	437	3.72	12	36	< .2	< 2	3	50	0.33	0.03	28	0.51	187	0.02	1.81	0.02	0.09	130
93M01	95-3183	9U	677155	6099278		1	49	46	101	0.3	37	14	809	4.43	13	53	0.4	2	< 2	53	0.42	0.05	29	0.52	347	0.02	1.92	0.02	0.09	205
93M01	95-3184	9U	665504	6121739		2	11	3	135	0.4	9	4	813	4.46	38	12	0.2	< 2	< 2	26	0.38	0.05	11	0.08	80	< .01	1.31	0.01	0.09	35
93M01	95-3185	9U	665671	6122241		1	47	6	85	< .3	38	12	265	4.51	11	20	0.3	2	< 2	71	0.2	0.09	64	1.01	159	0.08	3.1	0.01	0.09	70
93M01	95-3186	9U	667070	6121711		1	20	4	59	< .3	23	7	253	2.75	7	25	< .2	< 2	< 2	38	0.22	0.04	21	0.35	175	0.03	1.45	0.01	0.05	75
93M01	95-3187	9U	666528	6121729		38	230	5	79	< .3	33	10	294	3.54	11	22	< .2	2	< 2	50	0.22	0.05	32	0.51	143	0.03	1.82	0.01	0.09	125
93M01	95-3189	9U	666849	6120447		1	42	7	67	< .3	29	8	359	3.05	13	35	0.2	< 2	< 2	38	0.33	0.05	21	0.36	151	0.05	1.4	0.01	0.06	105
93M01	95-3190	9U	668253	6117845	10	1	37	8	65	< .3	29	7	337	3.3	9	49	< .2	< 2	< 2	44	0.4	0.04	25	0.37	271	0.03	1.54	0.02	0.07	140
93M01	95-3191	9U	668253	6117845	20	1	36	7	69	< .3	30	8	392	3.38	10	47	0.3	3	< 2	44	0.37	0.04	24	0.38	263	0.02	1.55	0.02	0.07	175
93M01	95-3192	9U	665028	6118367		1	43	10	99	0.4	41	16	808	4.05	15	63	0.4	3	< 2	46	0.84	0.06	25	0.53	279	0.02	1.68	0.02	0.1	190
93M01	95-3193	9U	666377	6118240		1	42	11	119	< .3	43	17	1046	3.97	16	58	0.3	< 2	< 2	44	0.76	0.07	23	0.4	160	0.03	1.6	0.02	0.08	265
93M01	95-3194	9U	667398	6117444		1	49	10	105	0.4	37	14	1009	4.2	11	66	0.4	< 2	< 2	48	0.7	0.07	25	0.43	240	0.05	1.84	0.03	0.07	235
93M01	95-3195	9U	668104	6116376		1	34	9	77	< .3	30	10	533	3.27	9	44	0.2	< 2	< 2	41	0.48	0.06	23	0.36	226	0.04	1.4	0.02	0.06	135
93M01	95-3196	9U	666402	6116126		1	39	11	101	< .3	30	13	856	4.6	12	44	< .2	< 2	< 2	46	0.4	0.06	23	0.38	259	0.01	1.62	0.02	0.07	185
93M01	95-3197	9U	667675	6116236		1	36	13	102	< .3	37	17	1314	4.18	16	37	0.4	< 2	< 2	48	0.36	0.06	26	0.41	230	0.02	1.82	0.01	0.07	105
93M01	95-3198	9U	679973	6118248		1	21	9	178	< .3	18	8	527	4.14	15	19	0.5	< 2	< 2	59	0.26	0.1	23	0.37	124	0.03	2	0.01	0.04	85
93M01	95-3199	9U	679975	6119228		2	32	10	109	0.3	22	11	837	3.78	17	43	0.4	< 2	< 2	53	0.5	0.07	23	0.38	158	0.06	1.43	0.02	0.06	435
93M01	95-3200	9U	680816	6118197		2	30	12	87	0.3	23	9	552	3.7	14	34	0.2	< 2	2	52	0.3	0.05	25	0.42	165	0.06	1.74	0.02	0.05	180
93M01	95-3202	9U	680948	6117202		1	41	9	111	0.3	29	12	867	4.59	25	46	0.3	2	< 2	57	0.54	0.06	29	0.48	243	0.03	1.78	0.02	0.07	315
93M01	95-3203	9U	677940	6111449		1	54	10	74	< .3	19	8	359	3.36	18	21	< .2	2	< 2	53	0.19	0.03	22	0.38	163	0.04	1.42	0.01	0.03	120
93M01	95-3204	9U	678235	6110448		1	27	8	57	< .3	18	8	464	3.07	13	24	< .2	< 2	< 2	48	0.24	0.03	20	0.33	117	0.07	1.01	0.02	0.05	155
93M01	95-3205	9U	679010	6111300		1	63	17	175	< .3	25	11	810	3.88	19	41	0.5	2	< 2	55	0.44	0.06	24	0.45	258	0.05	1.51	0.02	0.06	265
93M01	95-3206	9U	678819	6112252		1	42	10	78	< .3	22	9	513	3.67	13	31	0.2	< 2	< 2	56	0.33	0.05	24	0.47	177	0.05	1.51	0.01	0.05	435
93M01	95-3207	9U	677000	6112732		1	29	7	84	< .3	23	11	573	3.62	14	26	< .2	< 2	< 2	57	0.29	0.05	25	0.55	160	0.05	1.51	0.01	0.06	95
93M01	95-3208	9U	681974	6101242		1	35	8	89	< .3	25	9	258	4.24	9	16	< .2	< 2	< 2	69	0.12	0.02	28	0.47	136	0.02	2.06	0.01	0.03	70
93M01	95-3209	9U	681817	6101841		1	138	11	71	< .3	28	13	591	3.96	10	23	0.2	3	< 2	81	0.47	0.03	29	0.6	126	0.03	1.97	0.01	0.04	75
93M01	95-3210	9U	682812	6101819	10	1	63	11	111	< .3	34	14	872	4.7	17	37	0.4	3	< 2	67	0.73	0.06	32	0.57	204	0.04	2.07	0.02	0.09	180
93M01	95-3211	9U	682812	6101819	20	1	64	13	114	0.3	34	14	884	4.79	14	38	0.4	< 2	< 2	69	0.75	0.06	34	0.59	208	0.03	2.1	0.02	0.09	180
93M01	95-3213	9U	684961	6102294		1	62	13	126	< .3	37	18	1273	4.85	15	51	0.5	< 2	< 2	72	0.72	0.07	33	0.68	218	0.05	2.08	0.02	0.09	150
93M01	95-3214	9U	686027	6102282		2	34	9	68	< .3	20	10	715	3.46	11	30	< .2	< 2	< 2	61	0.48	0.05	22	0.47	85	0.1	1.27	0.02	0.06	105
93M01	95-3215	9U	686535	6101005		1	68	10	120	< .3	29	14	985	4.69	11	49	0.3	< 2	< 2	71	0.73	0.07	31	0.7	197	0.05	2.07	0.03	0.08	135
93M01	95-3216	9U	670864	6106037		2	30	13	108	< .3	27	8	328	3.52	27	23	< .2	< 2	< 2	41	0.2	0.05	21	0.36	125	0.03	1.31	0.01	0.08	55
93M01	95-3217	9U	671860	6105113		1	19	6	78	< .3	28	7	236	2.78	8	21	< .2	< 2	< 2	38	0.2	0.03	25	0.43	138	0.01	1.66	0.01	0.06	65
93M01	95-3218	9U	672545	6104753		1	22	7	61	< .3	24	6	218	2.61	9	23	< .2	< 2	< 2	36	0.23	0.03	23	0.44	127	0.02	1.49	0.01	0.06	60
93M01	95-3220	9U	686111	6100136		1	31	10	75	< .3	21	9	510	3.59	12	37	< .2	< 2	< 2	60	0.57	0.05	25	0.58	126	0.1	1.79	0.02	0.06	80
93M01	95-3222	9U	685104	6101230	10	1	37	10	79	< .3	22	10	486	3.7	13	23	0.2	3	< 2	66	0.29	0.04	26	0.51	136	0.08	1.69	0.01	0.05	95
93M01	95-3223	9U	685104	6101230	20	1	39	13	80	< .3	24	11	509	3.8	12	22	< .2	3	< 2	67	0.29	0.04	29	0.52	138	0.08	1.77	0.01	0.04	95
93M01	95-3224	9U	687137	6098759		1	62	13	149	0.3	28	13	874	4.67	13	47	0.3	< 2	< 2	69	0.73	0.07	30	0.61	199	0.07	2.22	0.02	0.08	125

ICP Analytical Data

				Element		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	V	Ca	P	Cr	Mg	Ba	Ti	Al	Na	K	Hg
				Units		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	%	%	%	%	ppb
				Detection limit		1	1	3	1	0.3	1	1	2	0.01	2	1	0.2	2	2	1	0.01	0	1	0.01	1	0.01	0.01	0.01	0.01	10
MAP	ID	UTMZ	UTME	UTMN	Rep	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	CAA
93M01	95-3225	9U	677552	6106053		1	50	16	109	< .3	54	27	1089	3.86	12	79	- 0.4	< 2	< 2	49	1.65	0.06	29	0.62	305	0.01	1.68	0.02	0.1	155
93M01	95-3226	9U	678765	6107386		1	55	13	110	< .3	44	19	1251	4.38	16	47	0.3	< 2	< 2	60	0.63	0.07	30	0.52	289	0.03	1.7	0.02	0.08	170
93M01	95-3227	9U	678417	6106755		1	91	14	101	< .3	34	14	814	4.22	15	44	0.2	< 2	2	55	0.47	0.06	29	0.46	290	0.02	1.72	0.02	0.09	210
93M01	95-3229	9U	675625	6115768		1	44	9	64	< .3	20	8	430	3.51	15	29	< .2	< 2	< 2	53	0.42	0.04	29	0.54	156	0.06	1.39	0.02	0.06	120
93M01	95-3230	9U	677839	6115156		1	32	13	100	< .3	26	9	528	3.71	17	44	< .2	< 2	< 2	54	0.63	0.06	27	0.56	217	0.04	1.8	0.02	0.09	125
93M01	95-3231	9U	676471	6114618		2	61	10	80	< .3	27	11	837	4.58	15	24	0.2	3	< 2	71	0.67	0.08	33	1.04	121	0.11	1.59	0.02	0.07	70
93M01	95-3232	9U	679032	6114958		1	29	10	99	< .3	29	9	430	3.72	19	37	0.2	2	< 2	54	0.61	0.04	28	0.59	223	0.03	1.81	0.02	0.07	125
93M01	95-3233	9U	682379	6113257		1	26	10	80	< .3	21	8	482	3.08	14	29	< .2	< 2	3	52	0.37	0.04	24	0.48	152	0.04	1.84	0.02	0.04	80
93M01	95-3234	9U	680018	6115016		1	41	16	161	0.4	28	13	920	4.7	36	38	0.3	3	2	68	0.8	0.07	32	0.71	227	0.04	2.02	0.02	0.07	145
93M01	95-3235	9U	681607	6112622		1	14	8	72	< .3	17	10	589	2.65	7	28	< .2	< 2	< 2	46	0.34	0.04	21	0.51	110	0.05	1.42	0.01	0.04	90
93M01	95-3236	9U	664530	6107813		8	105	12	134	1.1	86	20	1451	4.26	33	131	0.9	2	< 2	65	0.82	0.06	89	0.8	469	0.05	2.29	0.02	0.12	265
93M01	95-3237	9U	681451	6114581		1	69	13	167	0.7	34	13	1127	4.62	21	29	0.5	< 2	< 2	66	0.52	0.06	35	0.67	218	0.02	2.93	0.02	0.06	110
93M01	95-3238	9U	665513	6108237		2	38	20	173	< .3	41	20	1597	4.94	23	55	0.5	< 2	< 2	55	0.5	0.08	33	0.47	212	< .01	2.35	0.01	0.06	155
93M01	95-3239	9U	668349	6114322		1	41	15	102	< .3	53	21	1377	4.08	11	50	0.5	< 2	< 2	47	0.58	0.07	27	0.42	304	0.01	1.7	0.02	0.09	140
93M01	95-3240	9U	666386	6108089		2	23	9	38	< .3	12	3	70	1.73	4	22	< .2	2	< 2	37	0.26	0.05	18	0.17	133	< .01	1.78	0.01	0.03	70
93M01	95-3242	9U	667308	6108636	10	2	23	14	86	< .3	20	6	217	4.3	14	11	0.3	2	3	56	0.05	0.04	24	0.36	117	< .01	2.68	0.01	0.04	65
93M01	95-3243	9U	667308	6108636	20	2	25	11	93	< .3	24	6	240	4.57	16	10	0.3	4	< 2	58	0.04	0.04	26	0.39	121	0.01	2.82	0.01	0.04	70
93M01	95-3244	9U	677687	6107353		1	51	14	102	< .3	37	16	732	3.82	10	38	0.3	< 2	2	47	0.5	0.06	25	0.35	300	0.01	1.48	0.02	0.07	190
93M01	95-3245	9U	662931	6111416		1	44	13	117	< .3	50	15	822	3.84	11	52	0.6	< 2	3	41	0.85	0.07	27	0.47	185	0.02	1.39	0.02	0.07	115
93M01	95-3246	9U	677290	6106918		1	44	7	74	0.3	24	6	233	3.33	7	48	< .2	2	< 2	47	0.45	0.05	25	0.36	321	< .01	1.63	0.01	0.05	165
93M01	95-3247	9U	664027	6112220		1	56	13	134	0.3	83	20	858	4.62	12	48	0.4	< 2	< 2	52	0.54	0.06	48	0.65	354	< .01	2.28	0.02	0.09	165
93M01	95-3248	9U	676769	6108376		1	47	12	77	< .3	25	9	493	3.79	16	39	< .2	2	2	48	0.35	0.05	24	0.37	257	0.04	1.42	0.01	0.08	350
93M01	95-3249	9U	663440	6116242		2	42	15	122	0.4	36	16	937	4.18	32	52	0.4	3	< 2	44	1.36	0.06	22	0.46	232	0.02	1.47	0.02	0.1	145
93M01	95-3250	9U	675818	6109714		1	43	14	101	0.3	32	15	950	4	22	44	0.3	< 2	< 2	49	0.51	0.06	21	0.33	277	0.03	1.39	0.03	0.06	200
93M01	95-3251	9U	664921	6113193		1	45	13	105	0.4	48	13	513	4.38	16	48	0.3	3	< 2	53	0.5	0.04	35	0.51	335	< .01	1.88	0.02	0.09	130
93M01	95-3252	9U	676416	6110175		< 1	14	5	51	< .3	14	5	194	2.15	3	19	< .2	< 2	< 2	37	0.19	0.03	16	0.31	100	0.06	0.96	0.01	0.04	50
93M01	95-3253	9U	664790	6114000		1	56	13	121	0.3	55	14	678	4.31	17	41	0.3	< 2	< 2	49	0.4	0.06	35	0.51	214	0.01	1.59	0.02	0.05	160
93M01	95-3254	9U	676299	6110754		1	44	11	88	< .3	33	13	832	3.65	15	57	0.4	< 2	< 2	51	0.49	0.07	24	0.48	198	0.03	1.45	0.02	0.07	150
93M01	95-3255	9U	666879	6115072		1	36	11	99	< .3	39	16	988	3.87	12	48	0.4	3	< 2	41	0.71	0.07	22	0.38	188	0.02	1.25	0.01	0.07	110
93M01	95-3256	9U	675564	6111247		1	55	13	102	< .3	43	16	1506	4.8	18	67	0.4	< 2	< 2	70	0.71	0.07	29	0.61	385	0.03	2.33	0.04	0.14	260
93M01	95-3257	9U	667901	6115568		1	48	18	122	0.4	41	17	1312	4.39	15	46	0.3	2	< 2	50	0.69	0.08	28	0.44	299	0.02	1.78	0.02	0.11	135
93M01	95-3259	9U	670232	6113810		4	42	15	116	0.3	40	15	1012	4.12	11	40	0.4	< 2	< 2	50	0.63	0.07	26	0.39	258	0.01	1.7	0.02	0.07	190
93M01	95-3260	9U	675695	6120313		1	41	14	118	< .3	27	14	1087	4.26	24	32	0.6	< 2	2	62	0.58	0.06	30	0.55	213	0.05	1.79	0.02	0.06	325
93M01	95-3262	9U	675939	6120883		1	36	12	103	< .3	30	11	532	4.33	25	20	0.3	4	< 2	66	0.2	0.04	33	0.63	150	0.04	2.2	0.01	0.06	150
93M01	95-3263	9U	667853	6119802	10	1	17	8	57	< .3	28	7	255	2.79	8	36	< .2	< 2	< 2	39	0.3	0.03	21	0.43	146	0.04	1.34	0.01	0.06	55
93M01	95-3264	9U	667853	6119802	20	1	19	7	58	< .3	28	7	251	2.77	6	37	0.2	< 2	< 2	38	0.31	0.03	21	0.42	151	0.04	1.32	0.01	0.06	70
93M01	95-3265	9U	676005	6119287		1	33	11	112	< .3	30	15	512	4.18	9	24	0.5	< 2	< 2	63	0.11	0.06	29	0.4	143	0.03	3.05	0.01	0.05	90
93M01	95-3266	9U	673000	6119660		1	33	12	144	0.3	26	12	800	4.88	18	22	0.5	< 2	< 2	71	0.26	0.06	32	0.53	179	0.02	2.32	0.01	0.04	80
93M01	95-3267	9U	675077	6118842		1	38	11	233	< .3	29	14	441	4.98	27	12	0.6	< 2	< 2	84	0.11	0.06	34	0.65	109	0.05	3.63	0.01	0.03	90
93M01	95-3268	9U	674267	6118470		1	65	14	118	< .3	35	17	1139	4.64	23	30	0.5	4	< 2	70	0.45	0.05	40	0.77	224	0.03	2.62	0.01	0.08	115
93M01	95-3269	9U	673772	6119596		2	20	6	103	< .3	17	6	194	3.54	11	15	0.3	< 2	< 2	63	0.07	0.06	25	0.27	149	0.01	2.78	0.01	0.04	65
93M01	95-3270	9U	674064	6120230		1	47	12	147	< .3	34	15	648	5.67	21	19	0.8	4	< 2	86	0.28	0.06	45	0.86	156	0.03	3.11	0.01	0.06	90
93M01	95-3271	9U	684321	6126273		2	49	14	285	< .3	22	11	863	4.84	10	66	1	< 2	< 2	95	0.86	0.08	28	0.59	174	0.12	2.33	0.04	0.07	75
93M01	95-3273	9U	683070	6124860		2	33	22	97	< .3	19	9	500	4.19	16	39	0.4	2	< 2	73	0.44	0.05	26	0.57	117	0.11	1.51	0.02	0.06	30
93M01	95-3274	9U	673314	6124576		1	30	10	99	< .3	25	9	422	3.75	18	26	0.3	< 2	< 2	54	0.21	0.03	23	0.37	166	0.04	1.81	0.01	0.05	85
93M01	95-3275	9U	671409	6121356		2	33	12	114	< .3	25	11	925	3.83	23	44	0.5	< 2	< 2	58	0.94	0.06	26	0.43	263	0.02	1.91	0.02	0.06	100
93M01	95-3276	9U	671552	6122254		1	16	6	71	< .3	23	7	408	2.87	14	36	0.2	2	< 2	49	0.44	0.05	22	0.46	156	0.05	1.43	0.02	0.06	65
93M01	95-3277	9U	691024	6117393		1	52	11	111	< .3	27	16	1013	4.41	10	70	0.6	< 2	2	74	1.14	0.07	24	0.58	194	0.04	1.95	0.04	0.09	55
93M01	95-3278	9U	690081	6119935		2	65	11	131	< .3	23	14	1016	5.07	16	69	0.6	< 2	< 2	82	1	0.07	21	0.56	187	0.02	2.23	0.04	0.08	65
93M01	95-3279	9U	690153	6118667		1	29	10	73	< .3	14	10	491	3.92	9	54	0.3	< 2	< 2	69	0.62	0.04	18	0.44	169	0.08	2	0.02	0.08	30

ICP Analytical Data

				Element		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	V	Ca	P	Cr	Mg	Ba	Ti	Al	Na	K	Hg
				Units		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	%	%	%	%	%	ppb
				Detection limit		1	1	3	1	0.3	1	1	2	0.01	2	1	0.2	2	2	1	0.01	0	1	0.01	1	0.01	0.01	0.01	0.01	10
MAP	ID	UTMZ	UTME	UTMN	Rep	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	CAA
93M01	95-3280	9U	688700	6119390		1	48	14	130	< .3	23	18	1003	4.75	16	81	0.9	< 2	< 2	77	1.97	0.08	21	0.61	161	0.06	1.91	0.04	0.11	50
93M01	95-3282	9U	687856	6118230		1	63	11	95	< .3	22	9	572	4.14	16	71	0.4	2	< 2	72	0.79	0.08	27	0.52	182	0.08	1.8	0.04	0.08	100
93M01	95-3283	9U	688571	6126020		1	62	18	155	< .3	29	18	1235	5.11	57	59	0.8	2	< 2	81	0.76	0.07	26	0.55	191	0.08	1.76	0.03	0.09	100
93M01	95-3284	9U	688535	6125055		2	70	7	144	< .3	24	11	773	4.22	52	74	0.5	< 2	< 2	76	0.99	0.07	27	0.59	176	0.05	1.99	0.03	0.09	60
93M01	95-3285	9U	688832	6123989		2	48	20	213	< .3	13	10	584	4.41	32	30	0.2	4	< 2	59	0.52	0.05	16	0.53	134	< .01	2.1	0.02	0.08	60
93M01	95-3286	9U	689166	6122765		2	70	25	200	0.4	17	14	1011	4.61	24	59	0.4	4	< 2	67	0.94	0.08	19	0.55	174	0.03	1.86	0.03	0.09	120
93M01	95-3287	9U	688794	6121807	10	1	45	12	131	< .3	17	14	899	4.14	18	82	0.6	2	< 2	71	2.85	0.08	19	0.63	144	0.09	1.7	0.05	0.1	60
93M01	95-3288	9U	688794	6121807	20	2	45	13	131	< .3	20	14	883	4.19	16	82	0.5	4	< 2	71	2.68	0.08	20	0.64	140	0.08	1.73	0.05	0.09	55
93M01	95-3289	9U	687452	6120555		1	37	9	107	< .3	17	10	591	3.83	5	72	0.4	2	< 2	72	1.58	0.08	23	0.55	121	0.1	1.6	0.04	0.09	55
93M01	95-3290	9U	686376	6121022		1	42	9	109	< .3	22	13	790	4.16	6	82	0.5	3	< 2	71	1.68	0.08	22	0.63	147	0.09	1.83	0.04	0.09	75
93M01	95-3291	9U	687648	6122268		2	23	7	87	< .3	15	9	605	4.02	5	64	0.2	< 2	< 2	73	0.81	0.04	24	0.52	183	0.08	2.53	0.03	0.07	40
93M01	95-3292	9U	687482	6123619		1	25	7	73	< .3	16	10	446	3.68	3	36	< .2	2	< 2	82	0.37	0.05	23	0.45	177	0.13	2.65	0.02	0.06	35
93M01	95-3293	9U	686335	6124903		1	23	8	57	< .3	14	6	335	3.35	6	64	< .2	< 2	< 2	68	0.71	0.06	22	0.46	149	0.1	1.6	0.04	0.05	35
93M01	95-3294	9U	686581	6124270		1	22	6	72	< .3	15	8	385	3.35	3	55	< .2	3	< 2	73	0.53	0.06	21	0.48	151	0.12	2.01	0.02	0.05	30
93M01	95-3296	9U	683295	6122493		4	23	11	71	< .3	17	8	483	3.12	11	55	0.2	3	< 2	74	0.55	0.05	27	0.55	163	0.05	2.05	0.02	0.06	50
93M01	95-3297	9U	684275	6122469		1	43	11	106	< .3	17	10	664	4.5	9	72	0.2	4	< 2	78	0.88	0.08	23	0.6	164	0.1	2.09	0.04	0.07	80
93M01	95-3298	9U	685558	6121868		1	46	15	98	< .3	18	14	1022	4.43	10	62	0.3	2	< 2	72	0.78	0.07	22	0.53	137	0.07	1.84	0.03	0.07	65
93M01	95-3299	9U	684696	6125089		2	44	11	140	< .3	20	8	607	4.58	10	99	0.4	3	< 2	85	0.85	0.08	27	0.64	155	0.11	2.13	0.04	0.08	55
93M01	95-3300	9U	685880	6123939		1	36	12	134	< .3	16	11	1026	4.32	10	113	0.4	3	< 2	79	1.12	0.08	21	0.6	139	0.13	2.03	0.06	0.08	45
93M01	95-3302	9U	686741	6123194		1	38	10	108	< .3	15	11	814	4.4	5	97	0.3	2	< 2	84	1.05	0.09	22	0.63	145	0.13	2.14	0.06	0.08	40
93M01	95-3303	9U	686710	6122226		1	38	9	113	< .3	14	10	656	4.04	10	84	0.5	3	< 2	74	2.02	0.09	21	0.57	131	0.12	1.74	0.05	0.09	45
93M01	95-3304	9U	687052	6119061		2	109	16	134	< .3	30	16	937	5.47	39	74	0.6	5	< 2	77	0.9	0.08	32	0.72	231	0.07	2.16	0.05	0.09	95
93M01	95-3305	9U	685976	6119897		3	67	17	79	< .3	21	11	718	3.86	16	47	0.3	4	< 2	68	0.56	0.07	26	0.56	124	0.11	1.44	0.02	0.07	40
93M01	95-3306	9U	685535	6114730		2	55	12	141	< .3	30	14	1044	4.4	12	65	0.5	2	< 2	66	0.75	0.08	33	0.57	254	0.06	1.87	0.03	0.08	130
93M01	95-3307	9U	685558	6115677		1	44	4	87	< .3	29	14	792	5.63	12	77	0.5	4	2	91	1.18	0.1	56	1.36	293	0.18	2.74	0.1	0.36	75
93M01	95-3308	9U	684669	6116024		2	53	9	111	< .3	27	11	740	4.25	12	71	0.2	2	< 2	62	0.6	0.08	29	0.49	237	0.06	1.77	0.03	0.07	190
93M01	95-3309	9U	683837	6117307		1	30	8	97	< .3	18	7	379	2.61	7	40	0.4	2	< 2	46	0.33	0.03	22	0.32	227	0.03	1.57	0.01	0.03	55
93M01	95-3310	9U	686395	6116787		2	45	11	78	< .3	20	7	378	4.02	11	60	< .2	3	2	67	0.49	0.05	30	0.53	227	0.08	2.14	0.02	0.07	85
93M01	95-3311	9U	685277	6116961		1	64	13	99	< .3	26	10	607	4.24	14	78	0.3	4	< 2	65	0.75	0.07	29	0.53	242	0.06	1.86	0.03	0.08	125
93M01	95-3312	9U	674566	6125604		2	34	9	106	< .3	25	8	437	3.68	13	43	< .2	< 2	< 2	49	0.28	0.04	24	0.38	204	0.03	1.55	0.01	0.06	145
93M01	95-3313	9U	675460	6124157	10	1	50	15	118	< .3	40	21	1780	5.15	19	49	0.7	3	2	60	0.68	0.07	27	0.43	307	0.02	1.61	0.02	0.07	305
93M01	95-3314	9U	675460	6124157	20	1	50	14	122	0.3	44	20	1935	4.89	22	50	0.6	< 2	< 2	60	0.7	0.07	28	0.47	306	0.03	1.68	0.02	0.08	285
93M01	95-3316	9U	676478	6124503		2	46	11	221	< .3	21	9	877	4.06	11	49	0.4	2	2	49	0.57	0.07	23	0.36	164	0.05	1.27	0.02	0.05	290
93M01	95-3317	9U	678116	6122675		2	46	14	135	0.4	30	14	1073	4.44	16	49	0.3	3	< 2	56	0.51	0.06	26	0.43	218	0.04	1.6	0.02	0.06	280
93M01	95-3318	9U	680521	6121716		2	48	9	86	< .3	25	9	1068	3.8	10	66	0.2	3	< 2	56	0.62	0.07	25	0.39	264	0.06	1.49	0.03	0.04	200
93M01	95-3319	9U	682033	6121206		2	84	15	138	0.4	33	16	994	4.9	26	92	0.7	< 2	2	66	1.79	0.09	33	0.77	200	0.05	2.05	0.04	0.13	130
93M01	95-3320	9U	672043	6122992		1	23	12	91	< .3	22	8	484	3.66	21	26	0.2	< 2	< 2	51	0.24	0.04	24	0.45	126	0.03	1.69	0.01	0.05	90
93M01	95-3322	9U	672713	6123847		1	19	7	83	< .3	23	9	572	3.48	15	36	0.5	2	< 2	48	0.43	0.03	26	0.5	158	0.04	1.6	0.02	0.05	180
93M01	95-3323	9U	683021	6120026		2	74	11	98	< .3	25	10	570	4.57	16	62	0.3	< 2	2	68	0.55	0.07	32	0.65	228	0.07	2.47	0.02	0.08	85
93M01	95-3324	9U	683010	6118462		1	55	10	102	0.3	29	11	614	4.31	13	81	0.5	< 2	< 2	61	0.67	0.06	31	0.54	298	0.04	2.13	0.03	0.06	195
93M01	95-3326	9U	683005	6121098		2	45	9	73	< .3	19	8	395	3.39	12	40	0.3	2	3	56	0.38	0.06	25	0.44	182	0.07	1.77	0.02	0.05	40
93M01	95-3327	9U	684477	6119658		1	43	6	61	0.3	18	6	321	3.06	8	68	0.2	< 2	< 2	52	0.71	0.07	25	0.46	189	0.1	1.73	0.03	0.05	90
93M01	95-3328	9U	684686	6118445	10	2	80	10	92	0.3	21	9	557	4.29	14	74	0.4	< 2	< 2	69	0.69	0.08	28	0.56	209	0.1	1.9	0.03	0.05	140
93M01	95-3329	9U	684686	6118445	20	2	87	11	91	< .3	20	9	591	4.38	14	72	0.2	2	< 2	70	0.68	0.08	28	0.59	206	0.11	1.91	0.03	0.05	140
93M01	95-3330	9U	684981	6103654		1	40	10	139	0.3	29	10	945	3.79	9	33	0.5	< 2	2	63	0.61	0.08	31	0.56	185	0.05	2	0.02	0.06	115
93M01	95-3331	9U	683911	6101875		1	58	12	122	< .3	38	19	1382	4.72	19	43	0.6	2	< 2	67	0.74	0.08	30	0.58	192	0.06	1.91	0.02	0.08	140
93M01	95-3332	9U	683384	6100893		1	23	10	288	< .3	28	9	263	4.13	9	15	0.4	< 2	< 2	65	0.13	0.04	30	0.51	100	0.04	2.96	0.01	0.03	250
93M01	95-3333	9U	677211	6115343		1	22	7	88	< .3	21	8	378	2.9	10	24	0.5	< 2	2	46	0.23	0.03	25	0.56	131	0.04	1.82	0.01	0.05	85
93M01	95-3334	9U	669144	6115022		1	37	12	96	< .3	42	18	1165	3.77	13	57	0.8	< 2	< 2	46	0.94	0.07	24	0.45	289	0.04	1.55	0.02	0.09	310
93M01	95-3335	9U	677758	6101883	10	1	43	13	106	< .3	44	17	1296	4.41	16	63	0.3	< 2	< 2	52	0.59	0.07	29	0.57	308	0.02	1.88	0.02	0.09	200

ICP Analytical Data

Element						Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	V	Ca	P	Cr	Mg	Ba	Ti	Al	Na	K	Hg
Units						ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	%	%	%	%	ppb
Detection limit						1	1	3	1	0.3	1	1	2	0.01	2	1	0.2	2	2	1	0.01	0	1	0.01	1	0.01	0.01	0.01	0.01	10
MAP	ID	UTMZ	UTME	UTMN	Rep	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	AICP	CAA
93M01	95-3336	9U	677758	6101883	20	1	46	13	107	0.3	44	17	1028	4.38	15	69	0.3	< 2	2	53	0.59	0.07	29	0.58	294	0.02	1.89	0.03	0.09	275
93M01	95-3337	9U	673230	6116021		1	51	7	80	0.3	27	8	381	3.41	16	46	0.3	< 2	< 2	47	0.61	0.07	28	0.45	236	0.03	1.53	0.02	0.07	190
93M01	95-3338	9U	672830	6117721		2	123	20	136	0.6	29	15	466	7.79	18	36	0.3	< 2	2	109	0.45	0.07	48	1.03	170	0.08	1.9	0.02	0.19	150
93M01	95-3342	9U	676785	6100567		1	52	11	108	< .3	48	23	1245	4.02	20	77	0.7	< 2	3	47	3.03	0.06	25	0.6	269	0.02	1.79	0.02	0.1	165

NOTES

AICP = Aqua regia-ICP of -63 micron sample fraction

CAA = Flameless atomic absorption of -63 micron sample fraction

UTMZ = UTM Zone

UTME = UTM Easting

UTMN = UTM Northing

Rep = Replicate sample

- Analysis done by ACME Analytical Ltd., Vancouver.

INA Analytical Data

				Element		Au	Au*	As	Ba	Br	Co	Cr	Cs	Fe	Hf	Ir	Na	Rb	Sb	Sc	Ta	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass
				Units		ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
				Detection limit		2		0.5	50	0.5	1	5	1	0.02	1	5	0.01	15	0.1	0.1	0.5	0.5	0.5	1	50	0.1	3	5	0.1	0.2	0.5	0.2	0.05	
MAP	ID	UTMZ	UTME	UTMN	Rep	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	bal
93M01	95-3002	9U	662188	6125462		-2		6.5	1200	-0.5	14	81	2	4.99	5	-5	2.26	65	1.1	15	-0.5	5.6	2.8	-1	102	28	74	33	4.3	1.6	-0.5	1.7	0.34	25.72
93M01	95-3003	9U	661957	6123162		4		18	1000	-0.5	24	110	5	4.68	5	-5	1.09	41	2.7	18	-0.5	6.5	3.2	-1	244	23	56	23	4.5	1.5	0.7	3.2	0.51	23.33
93M01	95-3004	9U	673220	6118884		-2		30	740	-0.5	16	120	2	5.02	5	-5	1.53	-15	1.6	16	-0.5	4.6	2.3	3	180	20	45	17	3.6	1.5	0.8	2.8	0.42	26.93
93M01	95-3005	9U	662486	6102732	10	-2		18	690	-0.5	15	85	3	4.53	4	-5	1.8	47	1.8	15	-0.5	4.7	2	-1	117	23	53	18	4.5	1.5	1.1	2.9	0.5	25.16
93M01	95-3006	9U	662486	6102732	20	13		20	760	-0.5	17	90	2	4.73	5	-5	1.79	47	1.9	16	-0.5	5.4	2.1	-1	195	24	58	20	4.8	1.8	0.6	3.2	0.44	23.97
93M01	95-3008	9U	661134	6103109		-2		14	800	3	10	87	4	4.46	5	-5	1.47	53	1.5	16	-0.5	4.9	1.5	-1	158	23	47	26	4.5	1.4	-0.5	2.7	0.47	22.13
93M01	95-3009	9U	660007	6103209		-2		23	760	2.9	22	100	4	5.64	6	-5	1.66	-15	2	18	-0.5	5.4	3.3	-1	245	26	60	26	5.2	2.2	-0.5	3.3	0.54	22.31
93M01	95-3010	9U	662837	6101555		-2		13	730	-0.5	10	76	2	4.01	5	-5	1.96	-15	1.6	14	-0.5	5	3.4	-1	144	24	50	28	4.6	1.9	-0.5	2.8	0.43	27.3
93M01	95-3011	9U	661788	6102043		-2		8.6	610	2.1	7	82	2	2.95	5	-5	1.9	-15	1.3	12	1.4	4.6	2.6	-1	122	24	49	21	4.1	1.5	-0.5	2.6	0.38	29.2
93M01	95-3012	9U	661562	6100722		4		16	630	-0.5	12	76	2	4.12	5	-5	1.81	30	1.7	14	-0.5	4.8	2.8	-1	152	22	48	22	4.1	1.6	0.8	2.9	0.45	24.32
93M01	95-3013	9U	660075	6101214		-2		11	620	1.5	8	67	2	3.41	5	-5	1.71	-15	1.3	13	2.4	4.7	2.1	-1	95	26	49	25	4.6	1.7	-0.5	2.7	0.4	28.27
93M01	95-3014	9U	670140	6098344		-2		19	630	1.5	17	86	3	5.2	5	-5	1.58	41	1.7	18	-0.5	5.5	2.7	-1	-50	23	53	18	4.6	1.9	-0.5	3.1	0.46	22.25
93M01	95-3015	9U	669294	6099165		-2		20	690	1.3	16	82	3	4.6	5	-5	1.67	47	1.7	15	-0.5	4.8	2	-1	136	21	45	15	4.4	1.7	0.7	2	-0.05	23.24
93M01	95-3016	9U	669670	6099948		8		13	650	2	10	79	2	4.06	5	-5	1.65	-15	1.4	13	-0.5	3.8	2.4	-1	-50	19	41	15	3.2	1.2	-0.5	2.4	0.37	28.37
93M01	95-3017	9U	668063	6099042		-2		19	860	1.9	14	83	3	5.17	5	-5	1.69	-15	1.7	18	0.9	5.1	1.8	-1	164	24	54	17	4.8	1.8	-0.5	3	0.5	22.25
93M01	95-3018	9U	668008	6098138		-2		15	810	-0.5	16	110	3	4.77	5	-5	1.48	46	1.6	17	-0.5	4.9	2.3	-1	199	23	49	23	4.5	1.6	0.8	2.9	0.51	23.32
93M01	95-3019	9U	666735	6099756		-2		16	750	-0.5	15	83	4	4.74	5	-5	1.66	44	1.9	17	1.6	5.2	1.1	-1	133	23	47	26	4.8	1.7	-0.5	2.9	0.48	21.4
93M01	95-3020	9U	666757	6098293		-2		21	840	-0.5	17	97	2	4.46	5	-5	1.8	62	1.9	15	-0.5	4.5	1.7	-1	165	23	51	17	4.6	1.7	0.7	2.9	0.43	27.49
93M01	95-3022	9U	665645	6098251		-2		18	810	-0.5	16	96	3	4.75	5	-5	1.7	-15	1.8	16	-0.5	4.8	2	-1	116	23	55	22	4.6	1.8	-0.5	3	0.51	22.49
93M01	95-3023	9U	664210	6098126		-2		12	690	2.1	10	100	2	3.82	5	-5	1.73	49	1.5	15	-0.5	4.4	2.6	-1	139	25	55	19	5	1.8	0.9	3.2	0.48	29.21
93M01	95-3025	9U	665768	6100826		-2		20	700	2.3	14	87	2	4.75	5	-5	1.83	52	2.1	17	-0.5	5	1.7	-1	126	25	51	25	4.9	1.9	0.6	3.2	0.52	22.32
93M01	95-3026	9U	665218	6099607		-2		12	730	2.3	10	75	2	3.39	5	-5	1.9	-15	1.6	13	-0.5	4.2	1.3	-1	103	23	44	23	4.3	1.6	0.7	2.8	0.4	29.06
93M01	95-3027	9U	664524	6099050		-2		17	810	-0.5	18	100	3	4.68	5	-5	1.62	41	1.7	17	-0.5	4.9	2	-1	127	23	48	21	4.6	1.6	-0.5	3.2	0.48	21.36
93M01	95-3028	9U	674384	6124740		-2		30	740	2.3	40	220	7	6.59	4	-5	1.41	-15	1.4	23	-0.5	3.6	1.6	-1	160	17	37	17	4	1.5	0.8	3.5	0.58	27.42
93M01	95-3029	9U	676176	6123011		-2		14	880	-0.5	15	75	3	5.7	5	-5	1.79	62	2.9	19	-0.5	5.7	2.2	-1	179	30	60	28	6	2.1	-0.5	3.4	0.57	21.34
93M01	95-3030	9U	676985	6123689	10	11		22	740	-0.5	28	110	3	5.68	5	-5	1.33	60	2.2	21	-0.5	5.3	1.8	-1	202	24	58	21	5	1.8	-0.5	3.6	0.58	21.38
93M01	95-3031	9U	676985	6123689	20	8		20	770	2	27	110	3	5.73	5	-5	1.35	34	2.8	22	-0.5	5.1	1.8	-1	205	25	61	22	5.2	1.8	1	3.7	0.58	22.45
93M01	95-3032	9U	663015	6100169		-2		15	660	-0.5	10	76	3	4.1	5	-5	1.8	40	1.8	15	1.5	4.5	1.7	-1	78	23	46	17	4.7	1.8	0.8	3	0.46	27.53
93M01	95-3033	9U	662759	6099195		-2		9	490	-0.5	8	68	2	2.78	4	-5	1.92	39	1.2	11	-0.5	3.7	1.8	2	-50	21	42	15	3.5	1.3	-0.5	2.5	0.37	29.46
93M01	95-3034	9U	661336	6099597		3		14	690	2.2	9	85	2	4.01	5	-5	1.98	42	1.4	14	0.9	5.3	2	-1	-50	25	52	20	4.8	1.8	0.9	2.9	0.49	22.47
93M01	95-3035	9U	660516	6098949	10	-2		16	700	-0.5	21	100	3	4.79	5	-5	1.53	57	1.5	17	-0.5	4.6	2.2	4	200	22	47	22	4.3	1.6	0.7	2.9	0.45	22.36
93M01	95-3036	9U	660516	6098949	20	-2		16	650	-0.5	23	100	3	4.74	5	-5	1.55	-15	1.6	17	-0.5	4.6	1.9	-1	144	22	48	24	4.3	1.6	-0.5	2.9	0.44	21.34
93M01	95-3037	9U	662315	6098269		-2		14	620	-0.5	17	79	3	4.34	4	-5	1.31	49	1.5	17	-0.5	4.1	2.3	-1	152	20	45	17	4	1.5	0.8	2.9	0.44	22.39
93M01	95-3038	9U	672095	6108760		5		20	700	-0.5	12	110	3	5.13	5	-5	1.26	36	2.3	18	-0.5	4.9	1.4	-1	152	22	48	24	4.4	1.6	0.7	3	0.5	21.46
93M01	95-3039	9U	672484	6110063		2		18	620	2.7	12	110	3	4.46	5	-5	1.59	26	1.9	16	1.6	4.4	2.7	-1	172	26	58	20	5.5	2	-0.5	3.5	0.55	25.6
93M01	95-3040	9U	672484	6110063		4		16	690	-0.5	14	90	3	4.24	4	-5	1.54	-15	1.8	15	0.9	4.1	1.4	-1	171	27	49	22	5.7	2.4	1	3.9	0.57	29.22
93M01	95-3042	9U	659901	6115908		6		18	710	2.3	9	94	2	3.55	5	-5	1.54	-15	1.8	13	1.1	5.2	1.4	-1	117	27	50	24	5.4	1.9	0.9	3	0.47	29.58
93M01	95-3043	9U	661260	6115702		5		23	720	4.4	16	110	3	4.77	5	-5	1.36	19	2.2	16	-0.5	5.2	2.1	-1	112	27	61	28	5.5	2	0.9	3.3	0.53	25.31
93M01	95-3044	9U	662531	6115444		7		21	790	-0.5	16	100	4	4.53	5	-5	1.36	43	2	16	-0.5	4.9	2.3	-1	157	24	50	18	4.5	1.6	0.8	2.9	0.51	22.41
93M01	95-3045	9U	663568	6114881		10		21	820	-0.5	21	99	4	4.67	5	-5	1.31	45	2.2	17	1	5.1	1.4	-1	168	24	52	21	4.5	1.5	0.8	3.1	0.52	21.31
93M01	95-3046	9U	661492	6117659		3		27	850	1.9	17	86	4	4.87	5	-5	1.3	44	2.3	17	-0.5	4.9	2.1	-1	137	23	49	19	4.5	1.6	0.8	3	0.48	24.6
93M01	95-3047	9U	662917	6117211		-2		41	770	-0.5	39	90	4	4.94	5	-5	1.23	34	2.6	18	-0.5	5.1	2.2	-1	224	21	48	20	4.4	1.5	0.7	2.9	0.5	21.39
93M01	95-3048	9U	659434	6111161		-2		18	770	-0.5	14	93	4	4.64	5	-5	1.25	63	1.8	17	-0.5	5.3	1.8	-1	116	23	50	24	4.4	1.6	0.7	2.8	0.52	22.37
93M01	95-3049	9U	661981	6118058	10	3		60	580	3.1	19	100	4	5.37	6	-5	1.47	28	3.8	19	1.1	4.3	1.5	-1	186	23	50	17	5.2	1.9	0.7	3.5	0.61	23.4
93M01	95-3050	9U	661981	6118058	20	11		57	740	2.4	18	100	4	5.48	6	-5	1.54	46	3.8	19	-0.5	4.7	1.4	4	209	24	52	17	5.1	2	0.9	3.8	0.56	23.38
93M01	95-3052	9U	660137	6110258		-2		17	930	-0.5	14	120	4	4.72	5	-5	1.18	55	1.9	17	-0.5	5.2	1.7	-1	155	26	56	25	5.5	1.9	1	3.5	0.57	22.44
93M01	95-3053	9U	660413	6111805		5		13	660	1.6	10	120	3	3.91	5	-5	1.42	36	1.5	15	-0.5	4.5	2	-1	130	24	50	20	4.6	1.6	0.8	3.1	0.49	25.37
93M01	95-3054	9U	660939	6113337		9		13	590	-0.5	9	99	3	3.67	5	-5	1.31	44	1.2	11	-0.5	5.1	1.4	-1	115	22	46	20	3.4	1.1	0.6	2.6	0.42	24.21
93M01	95-3055	9U	660981	6112340		4		18	690	-0.5	20	120	4	4.64	5	-5	1.25	37	2	17	-0.5	5.1	2.1	-1	142	25	58	21	4.8	1.8	-0.5	3.5	0.52	22.59
93M01	95-3056	9U	661888	6111695		2		19	760	2.7	16	130	3	4.74	6	-5	1.29	35	1.9	17	-0.5	5.1	2.3	-1	170	27	55	26	5.4	1.8	1	3.6	0.57	23.46

INA Analytical Data

				Element		Au	Au*	As	Ba	Br	Co	Cr	Cs	Fe	Hf	Ir	Na	Rb	Sb	Sc	Ta	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass
				Units		ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
				Detection limit		2		0.5	50	0.5	1	5	1	0.02	1	5	0.01	15	0.1	0.1	0.5	0.5	0.5	1	50	0.1	3	5	0.1	0.2	0.5	0.2	0.05	
MAP	ID	UTMZ	UTME	UTMN	Rep	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	bal
93M01	95-3057	9U	668481	6110192		-2		10	480	1.9	5	120	2	2.41	5	-5	1.36	30	1.1	9.4	1.3	4.1	2.7	-1	79	21	43	18	3	1	0.6	2.4	0.41	25.8
93M01	95-3058	9U	669002	6108107		-2		14	550	-0.5	10	120	2	3.65	5	-5	1.39	33	1.5	12	1	4.7	2.7	-1	103	24	48	23	4.5	1.6	0.9	2.8	0.45	29.59
93M01	95-3059	9U	668532	6109182		6		40	840	2.8	18	130	4	5.89	6	-5	1.22	51	2.9	22	-0.5	5.2	3	-1	186	33	60	34	7.9	2.9	1.5	4.9	0.75	22.47
93M01	95-3060	9U	667184	6110696		5		18	790	2.4	11	140	2	4.12	5	-5	1.32	38	1.7	16	-0.5	4.6	1.9	-1	159	25	48	24	5.3	1.9	0.9	3.2	0.51	29.74
93M01	95-3062	9U	667145	6111574		-2		26	580	1.8	15	130	2	4.43	5	-5	1.25	32	1.9	16	-0.5	4.4	1.5	-1	166	24	47	24	5.3	1.9	0.9	3.1	0.56	25.05
93M01	95-3063	9U	668619	6111166		-2		22	600	-0.5	13	180	-1	4.51	6	-5	1.44	39	2	16	-0.5	4.2	1.5	-1	147	20	42	20	4.3	1.5	0.8	3	0.49	28.56
93M01	95-3064	9U	669872	6110706		10		13	730	-0.5	12	120	9	4.74	5	-5	1.32	60	1.6	18	-0.5	5	1.6	-1	125	35	61	39	9.1	3.3	1.9	6	0.85	28.92
93M01	95-3065	9U	669543	6112095		-2		17	740	3.1	18	150	2	5.14	6	-5	1.37	36	1.6	18	0.9	5.1	1.7	-1	180	23	53	23	5.3	1.9	1	3.5	0.57	22.65
93M01	95-3066	9U	670797	6111319		-2		11	590	4.5	12	120	2	4.2	5	-5	1.38	20	1.2	16	-0.5	4.3	2.2	-1	119	21	41	19	4.5	1.6	-0.5	3	0.47	26.74
93M01	95-3067	9U	670630	6112895	10	-2		22	840	-0.5	22	120	3	5.19	6	-5	1.31	55	1.8	18	-0.5	4.7	3.2	-1	229	23	46	23	4.3	1.4	-0.5	2.8	0.43	22.54
93M01	95-3068	9U	670630	6112895	20	7		16	910	-0.5	21	130	3	5.08	5	-5	1.34	-15	2.1	18	-0.5	6.2	2.4	-1	-50	24	52	22	4.4	1.6	0.9	2.6	0.48	21.72
93M01	95-3069	9U	667890	6112292		-2		25	650	-0.5	20	160	3	5.01	4	-5	1.22	-15	2.3	18	-0.5	4.8	1.8	-1	189	22	48	22	4.6	2	-0.5	3.1	0.5	25.69
93M01	95-3070	9U	668490	6113179		-2		14	820	-0.5	14	130	3	4.33	5	-5	1.39	44	1.5	16	-0.5	5.8	-0.5	-1	110	22	52	36	4.6	1.8	-0.5	2.7	0.48	23.76
93M01	95-3072	9U	663851	6125339		6		19	930	-0.5	18	110	2	4.99	4	-5	1.37	61	1.7	17	-0.5	6.3	-0.5	-1	184	24	49	24	4.7	1.6	1.1	2.9	0.34	22.58
93M01	95-3073	9U	664329	6124040		-2		13	660	-0.5	9	95	2	3.83	4	-5	1.3	65	1.4	13	-0.5	5	-0.5	-1	160	21	42	22	3.7	1.2	-0.5	2.3	0.41	23.75
93M01	95-3074	9U	665444	6123489		-2		10	500	3.4	11	94	2	3.82	5	-5	1.2	-15	0.7	12	-0.5	4.8	-0.5	-1	103	19	51	15	3.6	1.1	-0.5	2	0.39	22.83
93M01	95-3075	9U	664306	6122948		-2		19	730	2.8	15	110	4	4.92	5	-5	1.2	51	1.9	18	-0.5	6	3.5	-1	163	25	48	23	5	2	-0.5	3.1	0.54	22.79
93M01	95-3076	9U	664144	6120258		9		14	480	-0.5	11	110	3	4.05	5	-5	1.37	53	2	14	-0.5	4.8	2.7	-1	148	24	50	12	4.3	1.7	-0.5	2.8	0.46	26.53
93M01	95-3077	9U	664194	6117429		12		22	1000	-0.5	17	100	6	5.11	5	-5	1.29	62	2.4	20	1	4.8	-0.5	-1	110	24	53	24	5.1	1.8	-0.5	3.4	0.54	21.59
93M01	95-3078	9U	663918	6118603		10		17	1000	2.1	13	100	4	4.34	4	-5	1.24	50	1.8	17	-0.5	5.9	-0.5	-1	63	22	50	27	4.9	1.8	0.9	3.3	0.51	21.62
93M01	95-3079	9U	664117	6119356		-2		18	810	-0.5	14	100	2	4.11	5	-5	1.36	48	1.8	15	-0.5	5.4	-0.5	-1	121	23	47	24	4.5	1.7	-0.5	2.8	0.42	25.74
93M01	95-3080	9U	666259	6122431		-2		17	610	2.3	10	91	3	3.99	5	-5	1.1	67	1.3	10	1.5	3.8	2	-1	84	19	39	17	2.5	0.8	-0.5	2.1	0.34	23.62
93M01	95-3082	9U	666094	6121704		-2		12	640	-0.5	11	93	3	3.56	5	-5	1.41	-15	1.2	11	-0.5	4.3	3.5	-1	-50	23	49	12	3.3	1.3	-0.5	2.4	0.38	23.64
93M01	95-3083	9U	663298	6122402		6		15	660	-0.5	10	110	3	4.21	5	-5	1.28	31	1.8	14	-0.5	5.7	2.5	-1	96	22	51	20	3.9	1.5	-0.5	2.6	0.39	24.31
93M01	95-3084	9U	662335	6122429		13		19	720	-0.5	15	110	3	4.35	5	-5	1.18	-15	2.4	16	-0.5	5.2	2.3	-1	132	22	47	22	4.3	1.6	-0.5	2.8	0.45	22.62
93M01	95-3085	9U	665985	6119717		-2		17	680	-0.5	13	110	3	4.37	5	-5	1.19	50	1.7	15	-0.5	5.7	1.5	-1	132	22	50	16	4.7	1.9	-0.5	2.8	0.49	23.61
93M01	95-3086	9U	666035	6120396		-2		15	890	-0.5	18	110	3	4.72	4	-5	1.09	-15	1.5	18	-0.5	5.4	2.9	-1	160	21	46	17	4.1	1.5	-0.5	2.8	0.47	21.45
93M01	95-3087	9U	667049	6119444		5		14	600	-0.5	10	110	1	3.7	5	-5	1.63	42	1.4	13	-0.5	3.9	1.3	-1	-50	21	45	20	4.1	1.5	-0.5	2.6	0.43	29.59
93M01	95-3088	9U	663625	6121572		-2		16	590	-0.5	14	110	2	4.06	6	-5	1.39	-15	2	13	-0.5	4.6	1.9	-1	111	23	51	21	4.5	1.6	-0.5	2.8	0.43	26.57
93M01	95-3090	9U	665087	6121169		2		19	1000	-0.5	24	140	3	4.97	5	-5	1.33	36	1.8	17	-0.5	5.6	2.8	-1	181	24	56	22	4.4	1.6	1.2	3	0.44	22.76
93M01	95-3091	9U	668170	6118507		-2		16	670	1.7	13	110	2	3.83	5	-5	1.6	39	1.7	14	-0.5	5.5	2.6	-1	111	25	53	30	4.9	1.9	-0.5	2.7	0.45	23.63
93M01	95-3092	9U	670580	6116118		-2		20	770	-0.5	15	110	2	4.35	5	-5	1.37	46	1.5	15	-0.5	4.8	2.4	-1	169	23	49	23	4.5	1.6	-0.5	3	0.46	21.53
93M01	95-3093	9U	669529	6117015		7		13	690	-0.5	10	110	2	3.59	5	-5	1.5	-15	1.6	13	-0.5	4.8	2.4	-1	120	23	48	17	4	1.5	-0.5	2.6	0.46	25.48
93M01	95-3094	9U	662396	6124122	10	-2		16	850	-0.5	25	120	4	4.56	5	-5	1.12	47	1.9	17	-0.5	5.3	2.9	-1	190	23	51	21	4.2	1.7	-0.5	3	0.47	22.56
93M01	95-3095	9U	662396	6124122	20	-2		15	900	-0.5	21	130	4	4.48	5	-5	1.08	37	1.9	17	-0.5	4.7	2.2	-1	134	22	49	22	4.3	1.5	-0.5	2.8	0.47	21.67
93M01	95-3096	9U	664355	6121873		-2		18	660	-0.5	20	120	4	4.38	5	-5	1.2	53	1.7	16	1.1	5.8	1.4	-1	152	23	49	24	4.5	1.5	0.8	2.8	0.48	21.72
93M01	95-3097	9U	680620	6100028		-2		21	610	-0.5	17	110	2	4.4	5	-5	1.53	42	2	16	-0.5	4.2	1	-1	118	20	43	26	3.9	1.5	0.9	2.8	0.45	30.09
93M01	95-3098	9U	679733	6101532		-2		20	680	4	15	120	2	4.55	5	-5	1.47	-15	1.9	17	-0.5	4.8	1.5	-1	139	22	46	17	4.4	1.5	0.7	3	0.52	26.88
93M01	95-3099	9U	679660	6106596		-2		26	770	-0.5	23	99	2	5.73	5	-5	1.78	57	1.7	21	-0.5	5.1	-0.5	-1	177	21	53	20	5	1.7	0.8	4.4	0.65	24.48
93M01	95-3100	9U	679336	6105051		24	-2	20	650	-0.5	21	140	3	5.42	5	-5	1.41	26	1.8	21	1.1	4.6	2.5	-1	178	20	47	13	4.2	1.5	-0.5	3.2	0.51	24.41
93M01	95-3102	9U	681051	6098452		5		16	730	-0.5	23	110	3	6.99	4	-5	1.6	53	1.5	26	-0.5	4.5	-0.5	-1	95	19	44	18	4.3	1.5	-0.5	3.4	0.6	23.28
93M01	95-3103	9U	678344	6105114		-2		18	670	1.6	16	100	4	5.18	4	-5	1.06	-15	3.7	20	-0.5	4.6	1.8	-1	189	19	43	18	3.4	1.1	-0.5	2.7	0.45	24.71
93M01	95-3104	9U	678879	6104048		2		19	830	-0.5	17	120	3	5.3	5	-5	1.45	54	2.4	19	-0.5	4.8	2.2	-1	192	24	53	24	4.8	1.8	0.6	3.3	0.58	22.37
93M01	95-3105	9U	679029	6102809		-2		21	690	-0.5	19	120	3	4.69	5	-5	1.5	49	2.9	17	-0.5	4.8	2.5	-1	140	21	49	17	4.1	1.5	0.8	2.9	0.46	27.09
93M01	95-3106	9U	678091	6103439		5		18	850	2.4	14	110	3	4.78	5	-5	1.21	29	1.8	18	-0.5	5	2.5	-1	134	23	46	21	4.9	1.7	0.9	3.1	0.54	26.78
93M01	95-3107	9U	677596	6104320		-2		12	590	-0.5	8	110	1	3.23	5	-5	1.43	-15	1.1	11	-0.5	4.4	2.7	-1	126	20	43	16	3	1	-0.5	2.2	0.37	28.85
93M01	95-3108	9U	676749	6105597		-2		17	700	-0.5	12	120	3	4.48	5	-5	1.32	31	1.4	17	-0.5	4.9	2.9	-1	129	22	47	18	3.9	1.4	-0.5	2.9	0.47	23.03
93M01	95-3109	9U	690033	6099578		7		14	770	3.1	15	110	3	5.16	5	-5	1.66	43	1.2	21	-0.5	4.4	2.6	-1	141	22	44	21	4.5	1.8	0.9	3.7	0.56	27.02
93M01	95-3111	9U	687158	6108321	10	-2		24	650	-0.5	16	76	3	5.26	4	-5	1.78	36	2.2	20	-0.5	4.2	2.6	-1	301	20	42	20	4.2	1.6	-0.5	3.5	0.57	25.69
93M01	95-3112	9U	687158	6108321	20	-2		23	730	2.2	17	80	3	5.44	4	-5	1.81	41	2.1	21	-0.5	4.1	2.6	-1	324	21	45	21	4.4	1.9	1	3.6	0.57	23.19

INA Analytical Data

				Element		Au	Au*	As	Ba	Br	Co	Cr	Cs	Fe	Hf	Ir	Na	Rb	Sb	Sc	Ta	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass
				Units		ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
				Detection limit		2		0.5	50	0.5	1	5	1	0.02	1	5	0.01	15	0.1	0.1	0.5	0.5	0.5	1	50	0.1	3	5	0.1	0.2	0.5	0.2	0.05	
MAP	ID	UTMZ	UTME	UTMN	Rep	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	bal
93M01	95-3113	9U	688346	6108661		6		17	750	-0.5	11	78	2	3.92	5	-5	2.18	34	1.6	15	1.1	3.4	1.4	-1	128	19	41	19	4	1.5	-0.5	2.3	0.11	28.12
93M01	95-3114	9U	686430	6108760		4		16	600	2.7	9	86	2	3.55	4	-5	1.9	-15	1.3	12	-0.5	3.2	1.8	-1	99	16	37	19	3	1.2	-0.5	2.4	0.38	26.36
93M01	95-3115	9U	685154	6108172		6		22	670	-0.5	18	86	2	5.07	4	-5	1.75	35	1.7	18	-0.5	4.5	2	-1	138	19	48	18	3.7	1.4	0.8	2.8	0.45	27.04
93M01	95-3116	9U	685058	6109598		5		19	730	1.6	17	86	2	4.35	4	-5	2.02	23	1.6	17	-0.5	3.8	1.8	-1	129	19	46	20	4.1	1.5	0.8	3	0.5	28.49
93M01	95-3117	9U	684360	6109331		6		15	580	4.5	12	85	2	3.76	4	-5	1.67	31	1.3	13	-0.5	3.7	1.2	-1	107	16	38	10	2.7	1	-0.5	2.3	0.37	26.24
93M01	95-3118	9U	684534	6110338		8		15	640	-0.5	17	68	2	4.75	4	-5	1.89	-15	1.5	18	-0.5	3.4	1	-1	125	17	35	19	3.5	1.4	-0.5	2.7	0.44	28.27
93M01	95-3119	9U	683556	6111042		-2		22	870	2	22	96	2	5.25	4	-5	1.86	39	1.7	20	-0.5	4.4	1.5	-1	153	21	51	20	4.5	1.6	0.9	3.3	0.49	24.25
93M01	95-3120	9U	682505	6111184		2		29	760	-0.5	16	97	-1	5.18	5	-5	1.98	-15	30	20	-0.5	4.3	1.7	-1	148	22	45	20	4.8	1.8	0.8	3.5	0.57	27.42
93M01	95-3122	9U	681260	6109632		11		13	570	-0.5	9	88	1	3.41	4	-5	1.77	30	1.3	12	-0.5	3.6	1	-1	117	19	39	13	3.3	1.2	-0.5	2.5	0.4	29.11
93M01	95-3123	9U	681260	6109632		-2		21	680	-0.5	14	97	2	4.7	4	-5	1.7	38	1.8	18	-0.5	3.8	2.2	-1	612	21	45	19	4.3	1.6	1	3.3	0.52	23.27
93M01	95-3124	9U	681997	6110243		4		24	790	3.1	17	100	3	5.37	5	-5	1.4	53	2.1	20	-0.5	5	1.9	-1	185	22	51	20	4.7	1.7	-0.5	3.6	0.58	22.34
93M01	95-3125	9U	680997	6112624		6		21	670	2.6	14	89	2	4.8	4	-5	1.64	34	1.6	20	1	3.9	1.7	-1	150	21	43	16	4.4	1.6	-0.5	3.5	0.51	25.6
93M01	95-3126	9U	681762	6111457		9		21	690	-0.5	14	86	2	4.8	4	-5	1.48	33	1.6	18	-0.5	4.3	2.1	-1	150	19	39	21	3.9	1.4	0.7	3	0.5	26.99
93M01	95-3127	9U	683938	6104350		8		20	660	-0.5	20	94	3	5.5	4	-5	1.62	-15	1.5	21	-0.5	4.3	2.5	-1	133	21	47	19	4.3	1.6	-0.5	3.7	0.55	23.32
93M01	95-3128	9U	682271	6105338		6		19	630	-0.5	18	96	2	4.88	4	-5	1.32	21	1.8	18	-0.5	4.2	2.1	-1	100	20	42	19	4.2	1.6	0.7	3.1	0.5	29.46
93M01	95-3129	9U	681389	6106416		11		18	610	-0.5	17	92	2	4.92	4	-5	1.45	37	1.4	19	0.8	4.2	2.4	-1	141	19	41	15	3.4	1.3	0.7	2.7	0.43	27.06
93M01	95-3130	9U	691090	6105152		-2		14	530	-0.5	10	81	2	3.55	5	-5	1.73	21	1.1	11	-0.5	9.3	2.5	-1	132	27	68	17	3.2	1.1	0.6	2.5	0.4	27.89
93M01	95-3131	9U	689672	6105728		-2		14	670	-0.5	11	85	2	4.49	4	-5	1.74	34	1.5	18	-0.5	3.9	2.1	-1	133	20	37	16	3.9	1.4	0.9	2.5	0.23	28.12
93M01	95-3132	9U	685783	6103325		-2		15	630	-0.5	13	94	2	4.51	5	-5	1.61	35	1.2	17	-0.5	3.8	-0.5	-1	98	20	41	21	4.4	1.6	0.8	3.1	0.53	30.22
93M01	95-3133	9U	686384	6104744		2		19	660	-0.5	17	98	3	6.01	5	-5	1.74	40	1.3	26	-0.5	4.4	-0.5	-1	218	22	42	21	5.7	1.7	-0.5	4.3	0.68	27.6
93M01	95-3134	9U	686973	6103102		6		19	790	-0.5	18	93	3	5.95	4	-5	1.77	-15	1.3	23	-0.5	4	2.7	-1	157	21	50	25	5	1.6	-0.5	3.7	0.56	29.28
93M01	95-3136	9U	688084	6103010		3		18	860	-0.5	15	97	3	5.85	5	-5	1.73	49	1.3	25	-0.5	3.9	-0.5	-1	181	23	50	21	6	1.9	-0.5	4.1	0.64	27.83
93M01	95-3137	9U	689143	6102300		4		20	980	-0.5	16	120	4	5.66	6	-5	1.24	130	1.5	23	-0.5	4.9	3.3	-1	164	26	51	31	5.8	1.8	-0.5	3.8	0.59	27.08
93M01	95-3138	9U	689585	6103608		5		7	870	-0.5	8	95	2	3.49	5	-5	2.46	58	0.9	17	-0.5	4.2	4.3	-1	-50	22	44	16	5.1	1.4	-0.5	3.1	0.51	29.59
93M01	95-3139	9U	690293	6102177		2		17	940	3.5	13	92	3	5.36	4	-5	1.8	-15	1.4	23	2.8	4.7	2.2	-1	114	23	45	26	5.5	1.5	-0.5	3.8	0.66	27.29
93M01	95-3140	9U	691504	6102070	10	3		13	990	-0.5	13	89	-1	4.85	6	-5	1.98	71	1.2	19	-0.5	5.5	2.8	-1	196	25	56	27	5.4	1.8	-0.5	3.7	0.55	28.73
93M01	95-3142	9U	691504	6102070	20	-2		15	780	-0.5	16	80	-1	4.89	6	-5	2.07	-15	1.2	21	-0.5	5	2.1	-1	131	26	53	28	5.4	1.7	-0.5	4	0.63	29.38
93M01	95-3143	9U	689544	6101500		2		11	890	-0.5	8	86	3	4.36	5	-5	1.95	-15	0.9	18	-0.5	4.8	1.7	-1	-50	21	47	17	4.5	1.4	-0.5	3	0.49	28.04
93M01	95-3144	9U	690442	6104329		8		16	860	-0.5	15	87	2	4.77	5	-5	2.08	50	1.3	20	-0.5	4.1	2.6	-1	-50	20	42	24	4.9	1.5	-0.5	3.1	0.51	25.4
93M01	95-3145	9U	691184	6103389		-2		16	890	-0.5	17	93	3	5.07	6	-5	1.89	55	1.5	23	-0.5	4.9	2.2	-1	191	27	56	29	6.2	2	1.1	3.9	0.68	25.7
93M01	95-3146	9U	679528	6113227		4		28	960	-0.5	20	91	2	6.19	5	-5	1.77	39	1.9	26	-0.5	4.5	3.3	-1	120	21	49	19	5.2	1.7	-0.5	3.7	0.61	23.55
93M01	95-3147	9U	680618	6114157		-2		27	750	-0.5	11	95	3	4.95	4	-5	1.28	58	1.3	22	-0.5	4.1	2.5	-1	150	22	49	22	5	1.6	-0.5	3.5	0.56	26.94
93M01	95-3148	9U	678153	6113767		9		15	690	2.8	11	83	3	4.58	5	-5	2.43	59	1.6	20	-0.5	3.7	2	-1	115	17	37	19	4.3	1.3	-0.5	3.2	0.58	29.46
93M01	95-3149	9U	677136	6114504		-2		27	890	-0.5	19	93	3	6.66	4	-5	1.94	-15	1.6	30	-0.5	4.3	2.4	-1	237	20	42	25	5.5	1.8	-0.5	4.3	0.64	23.5
93M01	95-3150	9U	676825	6113238		-2		23	760	-0.5	21	94	3	6.14	4	-5	1.73	64	1.8	25	-0.5	3.9	2.6	-1	216	17	36	23	4.5	1.4	-0.5	3.7	0.54	27.58
93M01	95-3151	9U	675879	6113687		3		25	830	1.8	15	96	3	5.25	4	-5	1.59	48	1.7	22	-0.5	4.1	2.3	-1	162	20	43	24	4.8	1.5	1.1	3.4	0.52	26.12
93M01	95-3152	9U	674795	6115305		13		23	910	-0.5	13	100	-1	4.6	5	-5	1.99	48	1.6	18	-0.5	3.6	2.5	-1	129	16	41	12	3.2	1	-0.5	2.9	0.38	25.3
93M01	95-3153	9U	674840	6114133		6		31	890	-0.5	14	120	2	5.33	6	-5	1.44	46	1.8	21	-0.5	5.3	2	-1	125	27	54	23	6.3	1.9	0.6	3.7	0.58	27.98
93M01	95-3154	9U	673916	6114157		6		23	870	-0.5	18	110	2	4.95	5	-5	1.4	44	1.7	19	-0.5	5.1	2.5	-1	170	22	48	21	4.9	1.5	1	3	0.51	27.78
93M01	95-3155	9U	673920	6115094		5		26	870	2.6	14	97	2	4.88	4	-5	1.36	48	1.5	21	-0.5	4	1.6	-1	153	19	39	22	4.3	1.4	0.6	3	0.48	28.4
93M01	95-3156	9U	673884	6113346		5		21	890	3.4	15	110	2	4.31	6	-5	1.45	24	1.6	17	-0.5	4.2	1.8	-1	110	21	45	20	4.6	1.4	-0.5	3	0.42	29.39
93M01	95-3157	9U	681877	6117295		6		16	900	3.5	13	82	2	4.33	5	-5	1.81	36	1.7	16	1.5	4.2	1.6	-1	101	21	56	21	4.6	1.4	-0.5	2.8	0.45	24.79
93M01	95-3158	9U	682563	6116227		-2		17	790	-0.5	12	70	2	4.43	4	-5	1.85	71	1.4	19	0.5	3.2	1.3	-1	152	21	41	24	5.2	1.6	0.8	3.4	0.56	28.7
93M01	95-3160	9U	683487	6112439		9		18	880	2.8	10	88	2	3.98	5	-5	2.19	-15	1.2	21	-0.5	3.7	1.9	-1	103	21	48	26	5.6	1.8	0.8	3.5	0.56	25.78
93M01	95-3162	9U	684450	6112692		2		17	760	-0.5	14	79	2	4.47	4	-5	1.89	37	1.2	19	-0.5	3.5	1.7	-1	118	19	42	17	4.5	1.5	0.9	3.1	0.54	27.57
93M01	95-3163	9U	685723	6111776		-2		15	840	2.3	9	83	2	3.78	5	-5	2.25	38	1.3	20	1.4	3.6	1	-1	108	20	40	22	5.1	1.7	0.9	3.5	0.58	29.68
93M01	95-3164	9U	686145	6110547		-2		10	860	-0.5	9	73	-1	3.22	4	-5	2.1	55	1.1	13	-0.5	2.7	1.1	-1	99	15	41	14	2.9	0.9	-0.5	2.2	0.36	29.63
93M01	95-3165	9U	688380	6107561		5		16	780	-0.5	12	76	2	4.62	4	-5	1.67	-15	1.3	20	-0.5	4.1	2	-1	184	21	45	19	4.6	1.4	-0.5	3.3	0.5	26.53
93M01	95-3166	9U	689238	6106730		-2		15	910	-0.5	9	91	2	3.84	4	-5	2.21	42	1.2	17	1.8	3.4	2	-1	138	19	38	18	4.3	1.4	0.7	2.9	0.49	29.64
93M01	95-3167	9U	688688	6105629		6		18	920	3.3	14	80	3	4.99	5	-5	1.83	62	1.3	24	-0.5	4.3	1.7	-1	123	22	46	27	5.7	1.9	1	4	0.66	25.43

INA Analytical Data

				Element		Au	Au*	As	Ba	Br	Co	Cr	Cs	Fe	Hf	Ir	Na	Rb	Sb	Sc	Ta	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass
				Units		ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
				Detection limit		2		0.5	50	0.5	1	5	1	0.02	1	5	0.01	15	0.1	0.1	0.5	0.5	0.5	1	50	0.1	3	5	0.1	0.2	0.5	0.2	0.05	
MAP	ID	UTMZ	UTME	UTMN	Rep	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	bal
93M01	95-3168	9U	685359	6106568	10	12		17	820	1.9	16	97	2	4.83	4	-5	1.57	33	1.5	19	-0.5	4.2	1.9	-1	129	21	45	22	4.7	1.5	0.6	3	0.48	25.38
93M01	95-3169	9U	685359	6106568	20	4		18	820	2.2	16	93	3	5	4	-5	1.48	34	1.6	20	-0.5	4.4	1.5	-1	142	20	47	20	4.6	1.5	-0.5	3.1	0.54	24.39
93M01	95-3170	9U	686870	6105934		4		17	730	-0.5	14	97	2	4.95	5	-5	1.95	27	1.4	22	-0.5	3.7	3	-1	153	22	47	21	5.4	1.8	-0.5	3.8	0.62	28.28
93M01	95-3171	9U	687751	6106327		5		21	880	1.7	15	93	2	5.37	4	-5	1.8	-15	1.6	22	-0.5	4.2	1.1	-1	161	22	47	19	5.3	1.5	0.9	3.6	0.63	23.2
93M01	95-3172	9U	685459	6105252		3		18	830	-0.5	14	94	2	5.05	4	-5	1.66	38	1.5	21	-0.5	4.1	2.4	-1	159	22	44	25	5.3	1.8	0.9	3.7	0.56	26.75
93M01	95-3173	9U	670015	6120694		-2		14	610	2.3	7	110	2	3.03	5	-5	1.49	40	1	12	-0.5	3.9	2	-1	96	18	46	15	3.6	1.1	-0.5	2.5	0.4	29.3
93M01	95-3174	9U	670477	6119744		44	44	130	570	1.6	13	100	2	5.68	4	-5	1.33	-15	4	14	-0.5	4.2	3	-1	169	20	43	20	3.5	1.1	-0.5	2.3	0.38	29.46
93M01	95-3175	9U	671360	6118996		8		55	680	1.9	12	100	2	4.09	5	-5	1.64	23	2.1	16	-0.5	4.3	2.4	-1	182	21	46	21	4.6	1.5	0.7	2.8	0.44	29.29
93M01	95-3176	9U	671690	6118255		6		37	850	2	14	110	3	5.08	5	-5	1.4	32	1.7	20	-0.5	4.9	1.9	-1	220	21	47	22	4.9	1.7	1	3.5	0.51	22.52
93M01	95-3177	9U	676147	6112416		7		20	910	-0.5	13	130	2	4.35	6	-5	1.64	35	1.5	17	-0.5	4.6	1.8	-1	81	21	47	25	4.7	1.4	0.5	3	0.43	29.5
93M01	95-3179	9U	679049	6122365		5		18	940	-0.5	18	110	2	5.53	5	-5	1.72	31	1.8	21	-0.5	4.4	1.6	-1	115	23	47	26	5.1	1.6	-0.5	3.3	0.56	24.32
93M01	95-3180	9U	677793	6099215		6		19	1200	2.2	17	120	4	4.91	5	-5	1.34	62	1.7	19	0.7	4.6	2	-1	532	29	49	21	5.8	1.9	-0.5	3.3	0.52	25.9
93M01	95-3182	9U	677533	6100271		-2		17	780	2.3	10	120	3	4.63	5	-5	1.3	48	1.4	19	-0.5	5	2.1	-1	98	21	44	20	4.6	1.4	-0.5	2.9	0.48	25.52
93M01	95-3183	9U	677155	6099278		4		18	900	-0.5	13	110	3	4.99	5	-5	1.26	43	1.7	19	-0.5	4.7	1.7	8	162	23	48	20	5.7	1.8	0.8	3.4	0.52	27.05
93M01	95-3184	9U	665504	6121739		-2		40	580	-0.5	6	41	5	5.19	5	-5	2.22	97	1.9	23	-0.5	2.6	1.9	-1	202	11	25	13	3.3	0.8	-0.5	3.2	0.49	21.22
93M01	95-3185	9U	665671	6122241		84	13	16	630	1.4	15	150	3	5.63	5	-5	1.26	50	1.1	16	0.9	5.2	3.3	-1	161	20	46	17	3.5	1	-0.5	2.4	0.37	24.9
93M01	95-3186	9U	667070	6121711		4		11	590	-0.5	8	120	2	3.21	6	-5	1.51	26	1	11	-0.5	4.1	2.2	-1	-50	19	42	17	3.2	1	-0.5	2.4	0.37	28.25
93M01	95-3187	9U	666528	6121729		-2		12	660	-0.5	10	92	3	4.3	5	-5	1.04	49	1.7	13	-0.5	4.7	2.3	-1	83	21	41	19	3.2	0.9	-0.5	1.9	0.13	24.94
93M01	95-3189	9U	666849	6120447		3		16	730	-0.5	9	110	2	3.57	5	-5	1.62	37	1.4	12	1	4.7	1.5	-1	101	22	49	18	4.3	1.3	0.6	2.2	0.23	27.77
93M01	95-3190	9U	668253	6117845	10	5		12	860	-0.5	8	100	2	3.62	5	-5	1.5	41	1.3	15	-0.5	4.4	1.8	-1	60	22	42	24	5.1	1.6	0.8	3	0.45	27.66
93M01	95-3191	9U	668253	6117845	20	3		13	860	-0.5	9	100	2	4.15	5	-5	1.42	40	1.2	16	1.1	4.6	1.7	-1	106	22	48	22	5.1	1.5	0.8	2.9	0.47	23.41
93M01	95-3192	9U	665028	6118367		-2		15	640	-0.5	15	99	4	4.55	5	-5	1.23	51	1.7	18	-0.5	4.7	2.7	-1	109	22	50	21	4.8	1.5	-0.5	3.2	0.5	26.3
93M01	95-3193	9U	666377	6118240		3		19	750	-0.5	18	110	3	4.64	5	-5	1.35	29	1.7	18	1.6	5	2.9	-1	162	23	52	29	5.2	1.7	0.7	3.4	0.55	23.67
93M01	95-3194	9U	667398	6117444		-2		17	720	-0.5	13	100	3	4.51	5	-5	1.33	43	1.4	17	0.8	4.5	2.5	-1	148	23	51	25	5.5	1.7	-0.5	3.3	0.55	26.44
93M01	95-3195	9U	668104	6116376		9		14	770	1.8	10	120	2	3.84	6	-5	1.56	50	1.4	16	-0.5	4.6	2.3	-1	135	25	53	28	5.6	1.8	0.9	2.4	0.17	22.61
93M01	95-3196	9U	666402	6116126		-2		16	840	2	13	120	3	5.35	6	-5	1.45	51	1.7	21	1.2	5.2	2.6	-1	189	26	48	28	6.3	1.9	0.8	3.9	0.6	22.7
93M01	95-3197	9U	667675	6116236		3		18	780	-0.5	18	140	2	4.77	6	-5	1.5	30	1.4	16	-0.5	4.5	2.7	-1	134	22	51	19	4.6	1.5	-0.5	2.9	0.47	26.6
93M01	95-3198	9U	679973	6118248		-2		20	650	3.5	9	75	2	4.32	5	-5	1.52	42	1.3	15	1.4	3.6	1.8	-1	218	16	36	13	2.8	0.9	-0.5	2.7	0.43	27.34
93M01	95-3199	9U	679975	6119228		-2		20	820	-0.5	14	100	2	4.2	5	-5	1.91	-15	1.8	15	2.6	3.9	2.6	-1	-50	22	54	-5	4.2	1.6	-0.5	2.8	0.53	25.61
93M01	95-3200	9U	680816	6118197		-2		17	660	2.6	12	80	-1	3.82	5	-5	1.76	-15	1.8	14	1.6	4.7	2.2	-1	178	21	53	16	3.8	1.5	-0.5	2.5	0.43	28.72
93M01	95-3202	9U	680948	6117202		2		36	870	-0.5	15	120	2	6.17	6	-5	1.7	-15	2.3	22	-0.5	5.4	2.4	-1	233	27	53	26	6.3	2.3	0.9	4.3	0.66	22.61
93M01	95-3203	9U	677940	6111449		-2		19	630	-0.5	8	120	2	3.79	5	-5	1.79	-15	1.5	13	-0.5	4.8	2.2	-1	-50	21	43	17	3.4	1.1	-0.5	2.5	0.39	26.7
93M01	95-3204	9U	678235	6110448		5		16	690	2.4	9	100	-1	3.3	5	-5	1.83	57	1.4	11	-0.5	3.9	-0.5	-1	146	20	45	15	3.5	1.2	-0.5	2	0.38	29.68
93M01	95-3205	9U	679010	6111300		2		21	560	-0.5	12	100	-1	4.43	5	-5	1.82	-15	1.8	16	-0.5	3.8	2.5	-1	321	21	48	23	4.5	1.6	0.8	3	0.44	22.4
93M01	95-3206	9U	678819	6112252		-2		17	710	-0.5	11	98	1	4.19	5	-5	1.76	-15	1.7	14	-0.5	3.9	2.1	-1	139	18	41	17	3.3	1.4	-0.5	2.5	0.41	24.5
93M01	95-3207	9U	677000	6112732		-2		16	600	2.2	13	81	3	4.16	4	-5	1.63	-15	1.3	13	-0.5	4.2	2.5	-1	-50	18	42	15	3.1	1	-0.5	2.3	0.38	27.63
93M01	95-3208	9U	681974	6101242		-2		16	520	2.1	10	110	2	4.6	5	-5	1.35	-15	1.2	12	-0.5	3.8	-0.5	-1	159	16	34	24	2.6	1	-0.5	2.3	0.3	26.08
93M01	95-3209	9U	681817	6101841		5		13	380	3.3	15	110	2	4.74	4	-5	1.66	-15	1.5	18	-0.5	4.2	2.5	-1	-50	19	49	22	3.5	1.2	1	2.5	0.48	21.58
93M01	95-3210	9U	682812	6101819	10	-2		23	790	2.7	18	110	4	5.73	5	-5	1.53	-15	1.8	21	-0.5	5.4	-0.5	-1	166	23	51	26	5	1.9	0.8	3	0.17	22.47
93M01	95-3211	9U	682812	6101819	20	-2		23	650	-0.5	18	120	3	5.84	5	-5	1.58	43	1.9	22	-0.5	4.9	1.2	3	179	23	50	29	5	1.8	0.6	3.5	0.57	21.33
93M01	95-3213	9U	684961	6102294		-2		21	690	-0.5	20	97	3	5.52	4	-5	1.62	65	1.8	20	-0.5	4.5	1.9	-1	132	22	50	20	4.6	1.4	-0.5	3.7	0.52	23.51
93M01	95-3214	9U	686027	6102282		5		12	450	-0.5	12	81	1	4.15	5	-5	2.16	-15	1.5	16	-0.5	4.4	2.1	-1	109	27	50	23	4.7	1.6	0.8	2.7	0.43	28.39
93M01	95-3215	9U	686535	6101005		6		20	680	1.8	19	110	3	5.68	5	-5	1.8	45	1.6	22	-0.5	4.6	1.8	-1	168	23	54	15	4.8	1.9	0.9	3.5	0.55	22.34
93M01	95-3216	9U	670864	6106037		-2		29	470	1.3	10	91	3	3.75	5	-5	1.32	54	1.9	11	-0.5	4	2.1	-1	103	21	44	17	3.2	1.1	1.5	2.3	0.38	27.09
93M01	95-3217	9U	671860	6105113		-2		9.5	560	1.8	8	110	2	3.09	5	-5	1.39	45	1.1	11	-0.5	3.7	1.6	-1	136	21	46	16	3.3	1.2	-0.5	2.3	0.39	22.31
93M01	95-3218	9U	672545	6104753		-2		12	580	-0.5	8	120	2	2.98	5	-5	1.56	36	1.3	12	-0.5	4.3	1.7	-1	76	21	45	20	3.4	1.1	-0.5	2.2	0.41	25.55
93M01	95-3220	9U	686111	6100136		-2		11	610	-0.5	11	84	2	4.01	5	-5	2.02	68	1.2	15	-0.5	3.4	2.1	-1	-50	19	42	19	3.6	1.3	-0.5	2.7	0.44	26.3
93M01	95-3222	9U	685104	6101230	10	9		15	650	-0.5	12	92	2	4.14	5	-5	1.9	-15	1.4	15	-0.5	3.6	1.8	-1	114	20	44	19	3.4	1.2	0.6	2.6	0.43	25.42
93M01	95-3223	9U	685104	6101230	20	-2		15	560	1.9	12	93	-1	4.18	5	-5	1.87	-15	1.5	15	-0.5	3.9	1.2	-1	68	20	44	11	3.4	1.2	0.6	2.7	0.38	24.41
93M01	95-3224	9U	687137	6098759		-2		18	710	2.4	16	85	3	5.3	4	-5	1.7	41	1.5	20	-0.5	4.4	1.9	-1	182	21	47	17	4.7	1.7	-0.5	3.4	0.56	23.29

INA Analytical Data

				Element		Au	Au*	As	Ba	Br	Co	Cr	Cs	Fe	Hf	Ir	Na	Rb	Sb	Sc	Ta	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass
				Units		ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
				Detection limit		2		0.5	50	0.5	1	5	1	0.02	1	5	0.01	15	0.1	0.1	0.5	0.5	0.5	1	50	0.1	3	5	0.1	0.2	0.5	0.2	0.05	
MAP	ID	UTMZ	UTME	UTMN	Rep	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	bal
93M01	95-3225	9U	677552	6106053		-2		17	760	1.6	27	110	3	4.61	5	-5	1.05	52	1.9	18	-0.5	4.3	1.7	-1	110	21	45	24	4.2	1.4	0.5	3.2	0.47	24.32
93M01	95-3226	9U	678765	6107386		5		21	800	-0.5	22	120	2	5.11	5	-5	1.5	46	1.8	19	-0.5	4.6	1.7	-1	170	23	54	20	4.5	1.7	0.6	3.1	0.5	22.54
93M01	95-3227	9U	678417	6106755		-2		20	750	-0.5	15	100	2	4.46	4	-5	1.29	-15	1.7	17	-0.5	4.1	1.5	-1	157	22	45	20	4.4	1.7	0.6	2.8	0.41	23.43
93M01	95-3229	9U	675625	6115768		-2		21	720	2.4	10	87	2	4.07	4	-5	1.98	35	1.6	17	-0.5	3.4	1.6	-1	152	19	37	17	3.9	1.4	-0.5	3	0.47	24.54
93M01	95-3230	9U	677839	6115156		-2		22	810	2.7	12	110	2	4.35	5	-5	1.6	61	1.4	18	-0.5	4	1.9	-1	125	22	45	22	4.6	1.7	0.7	2.9	0.32	24.41
93M01	95-3231	9U	676471	6114618		32	6	19	620	1.6	14	88	2	5.57	4	-5	2.57	27	1.9	20	-0.5	3.6	2.1	-1	102	17	42	19	4	1.5	-0.5	3.7	0.6	21.6
93M01	95-3232	9U	679032	6114958		-2		25	820	3.6	10	100	2	4.49	4	-5	1.44	-15	1.2	18	-0.5	4.7	2.1	-1	165	22	43	19	4.4	1.7	-0.5	3.2	0.48	22.46
93M01	95-3233	9U	682379	6113257		-2		16	670	2.9	10	85	2	3.57	5	-5	1.9	-15	1.3	14	1.3	4	1.2	-1	126	18	37	11	3.4	1.3	-0.5	2.7	0.42	23.5
93M01	95-3234	9U	680018	6115016		8		41	800	6.5	15	95	3	5.32	4	-5	1.71	39	1.4	21	-0.5	4	1.6	-1	223	21	50	21	4.8	1.7	1	3.7	0.58	21.4
93M01	95-3235	9U	681607	6112622		7		7.9	600	2.5	10	85	2	2.9	4	-5	1.84	54	1	11	-0.5	3.7	-0.5	-1	155	16	32	12	2.6	0.9	0.7	2.1	0.34	24.66
93M01	95-3236	9U	664530	6107813		7		41	940	17	22	180	6	4.75	6	-5	1.49	66	1.9	26	1.8	7	4.5	-1	215	41	70	43	8.8	2.9	1.3	4.5	0.74	21.45
93M01	95-3237	9U	681451	6114581		-2		28	710	7.2	16	91	3	5.33	5	-5	1.8	35	1.3	29	-0.5	4.8	3.1	-1	286	40	73	34	9.6	3.6	1.8	5.2	0.75	20.4
93M01	95-3238	9U	665513	6108237		9		33	840	7.5	25	200	3	6.32	7	-5	1.43	-15	2.5	17	-0.5	5.9	2.4	-1	287	26	66	28	5.4	2.2	0.7	3.5	0.6	11.22
93M01	95-3239	9U	668349	6114322		4		15	750	-0.5	19	110	3	4.4	5	-5	1.26	41	1.6	16	-0.5	4.6	1.8	-1	112	21	49	19	4.3	1.5	0.8	2.9	0.44	24.13
93M01	95-3240	9U	666386	6108089		-2		8.8	470	5.6	5	130	2	2.37	6	-5	1.22	-15	0.8	11	1.3	4	2.6	-1	-50	20	43	16	3.1	1	-0.5	2.6	0.45	16.89
93M01	95-3242	9U	667308	6108636	10	3		21	500	6.3	7	120	3	4.88	5	-5	1.14	48	1.3	12	-0.5	3.9	1.7	-1	128	17	37	11	2.6	0.9	-0.5	2.5	0.4	20.39
93M01	95-3243	9U	667308	6108636	20	-2		27	670	7.2	9	130	3	6.13	6	-5	1.34	44	1.7	14	-0.5	4.9	1.7	-1	104	21	43	15	3	1.1	-0.5	2.9	0.48	20.02
93M01	95-3244	9U	677687	6107353		10		16	660	-0.5	17	120	2	4.4	5	-5	1.07	53	1.3	17	-0.5	5	1.6	-1	91	23	50	24	4.7	1.7	0.7	3.1	0.47	24.17
93M01	95-3245	9U	662931	6111416		12		18	620	-0.5	17	140	2	4.21	5	-5	1.45	37	1.8	14	-0.5	4.9	1.1	-1	140	24	51	19	4.6	1.6	0.8	3	0.46	26.2
93M01	95-3246	9U	677290	6106918		2		9.2	680	2.2	7	110	2	3.93	5	-5	0.94	30	0.9	20	-0.5	5	2.3	-1	144	24	48	26	5.3	2	1	3.7	0.56	21.27
93M01	95-3247	9U	664027	6112220		6		16	1100	2.3	21	180	4	5.24	5	-5	1	47	1.7	21	-0.5	5.2	2.9	-1	146	24	55	21	5	1.9	1	3	0.21	21.41
93M01	95-3248	9U	676769	6108376		8		19	720	-0.5	11	120	2	4.35	6	-5	1.52	33	1.7	15	-0.5	5.4	2.5	4	126	24	50	20	4.5	1.6	0.8	2.3	0.07	26.16
93M01	95-3249	9U	663440	6116242		-2		39	670	-0.5	18	99	4	4.77	5	-5	1.31	32	2.9	17	1.3	5.1	2	-1	178	21	49	18	4.3	1.5	-0.5	3	0.52	22.11
93M01	95-3250	9U	675818	6109714		8		24	650	-0.5	15	120	2	4.24	6	-5	1.49	27	1.5	15	-0.5	4.1	1.8	-1	122	20	43	13	4	1.4	0.6	2.7	0.44	29.4
93M01	95-3251	9U	664921	6113193		2		20	940	-0.5	13	130	4	4.93	5	-5	1.15	50	2	20	-0.5	5.3	1.7	-1	168	24	50	23	4.8	1.7	-0.5	3.3	0.54	23.37
93M01	95-3252	9U	676416	6110175		4		8.3	520	-0.5	6	84	1	2.43	5	-5	1.83	40	1.1	9.5	-0.5	3.8	1.7	-1	-50	17	37	13	2.5	0.9	-0.5	2	0.3	29.22
93M01	95-3253	9U	664790	6114000		12		21	640	-0.5	14	170	2	4.63	5	-5	1.34	44	1.7	18	-0.5	5	1.9	-1	145	26	51	23	5.8	2	-0.5	3.6	0.57	27.2
93M01	95-3254	9U	676299	6110754		-2		20	700	-0.5	13	100	2	3.91	5	-5	1.57	39	1.7	14	-0.5	4.4	2.1	-1	119	20	45	15	3.9	1.4	0.5	2.5	0.4	28.69
93M01	95-3255	9U	666879	6115072		10		13	600	-0.5	16	110	2	4.19	5	-5	1.47	-15	2.2	14	-0.5	4.3	1.5	-1	119	20	44	17	4	1.5	-0.5	2.7	0.44	28.26
93M01	95-3256	9U	675564	6111247		-3		22	870	2.9	19	100	3	5.24	5	-5	1.23	49	2.4	19	-0.5	5.5	2.1	-1	133	24	52	29	5.2	2	0.9	3.1	0.53	21.26
93M01	95-3257	9U	667901	6115568		-2		19	760	1.3	17	110	2	4.69	5	-5	1.3	31	2	16	1	4.4	2.4	-1	131	24	54	24	5.1	1.9	0.9	3	0.48	22.48
93M01	95-3259	9U	670232	6113810		-2		16	780	2	17	120	3	4.62	6	-5	1.44	49	1.7	17	-0.5	5	2.2	-1	172	23	51	23	4.8	1.8	0.6	3.2	0.5	23.25
93M01	95-3260	9U	675695	6120313		6		30	780	4	15	98	2	4.77	5	-5	1.66	27	1.5	20	-0.5	4.5	1.8	-1	156	26	57	25	5.8	1.9	0.9	3.8	0.57	23.4
93M01	95-3262	9U	675939	6120883		-2		28	570	2.4	12	100	2	4.61	4	-5	1.56	40	1.5	15	-0.5	4	1.8	-1	103	17	36	13	2.7	1	-0.5	2.5	0.41	25.38
93M01	95-3263	9U	667853	6119802	10	-2		10	550	-0.5	9	86	2	2.96	4	-5	1.39	-15	1.1	9.9	-0.5	4.4	2.2	3	86	19	43	15	3	1.1	0.7	2	0.35	27.57
93M01	95-3264	9U	667853	6119802	20	-2		9.7	540	2	8	86	2	2.93	4	-5	1.39	38	1	10	1.2	4.2	1.4	-1	72	20	42	12	3.3	1.1	-0.5	2.1	0.34	26.27
93M01	95-3265	9U	676005	6119287		-2		18	540	5.1	19	110	2	5.08	5	-5	1.48	-15	1.7	14	-0.5	4.7	2.6	-1	210	18	42	13	2.8	1	-0.5	2	0.05	25.31
93M01	95-3266	9U	673000	6119660		-2		33	680	5.3	16	130	2	6.44	6	-5	1.58	55	1.5	15	-0.5	4.6	-0.5	-1	271	22	49	20	4.3	1.4	-0.5	3.3	0.57	22.38
93M01	95-3267	9U	675077	6118842		12		35	540	5.3	19	99	3	5.86	4	-5	1.78	-15	1.6	18	2.1	4.3	1.9	-1	322	15	33	8	2.9	1.1	-0.5	2.7	0.46	25.47
93M01	95-3268	9U	674267	6118470		-2		29	560	3.1	19	110	2	5.19	4	-5	1.46	43	1.5	19	-0.5	4.8	-0.5	-1	179	21	48	17	4	1.3	-0.5	2.9	0.5	26.21
93M01	95-3269	9U	673772	6119596		7		17	640	4.8	8	100	2	3.88	5	-5	1.39	30	1.2	11	-0.5	4.3	1.7	-1	144	17	32	18	2.3	0.9	-0.5	2.3	0.35	24.62
93M01	95-3270	9U	674064	6120230		-2		32	750	4.9	20	140	3	7.11	5	-5	1.65	44	2.6	18	-0.5	4	1.6	-1	236	17	39	16	3	0.9	-0.5	2.6	0.43	22.19
93M01	95-3271	9U	684321	6126273		3		13	770	-0.5	14	66	2	5.51	5	-5	2.09	-15	1.1	23	-0.5	3.7	2.7	-1	322	24	49	25	5.7	2	1	4.1	0.7	29.12
93M01	95-3273	9U	683070	6124860		-2		21	820	-0.5	11	63	3	4.77	4	-5	2.38	34	3.2	18	-0.5	3.6	1.8	-1	108	24	43	21	4.8	1.7	-0.5	3.2	0.52	29.31
93M01	95-3274	9U	673314	6124576		-2		28	590	-0.5	11	94	2	4.22	5	-5	1.69	-15	1.9	14	-0.5	4.3	2.1	-1	132	18	40	16	2.7	1	1.5	2.6	0.44	26.45
93M01	95-3275	9U	671409	6121356		9		31	890	7.7	15	120	3	5.05	5	-5	1.65	45	1.4	20	-0.5	5	3.1	-1	235	26	62	21	5.6	2	-0.5	3.7	0.65	23.13
93M01	95-3276	9U	671552	6122254		-2		19	750	4	10	110	2	3.42	6	-5	1.8	35	1.3	14	-0.5	4.5	1.5	-1	-50	20	49	14	3.9	1.4	-0.5	2.8	0.48	24.17
93M01	95-3277	9U	691024	6117393		-2		14	740	2	18	80	2	4.97	5	-5	1.73	50	1.2	20	-0.5	3.4	-0.5	-1	127	19	45	21	4.3	1.7	0.8	3.3	0.53	28.15
93M01	95-3278	9U	690081	6119935		-2		19	780	2.9	15	50	3	5.72	4	-5	1.55	39	1.2	23	-0.5	3	2.3	-1	142	20	47	25	4.8	1.7	1.2	4	0.65	22.33
93M01	95-3279	9U	690153	6118667		-2		12	660	-0.5	12	43	1	4.28	4	-5	1.8	-15	0.9	14	-0.5	2.9	1.4	-1	72	14	38	10	2.7	1.1	0.5	2.5	0.37	26.29

INA Analytical Data

				Element		Au	Au*	As	Ba	Br	Co	Cr	Cs	Fe	Hf	Ir	Na	Rb	Sb	Sc	Ta	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass
				Units		ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
				Detection limit		2		0.5	50	0.5	1	5	1	0.02	1	5	0.01	15	0.1	0.1	0.5	0.5	0.5	1	50	0.1	3	5	0.1	0.2	0.5	0.2	0.05	
MAP	ID	UTMZ	UTME	UTMN	Rep	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	bal
93M01	95-3280	9U	688700	6119390		-2		19	780	-0.5	21	52	2	5.51	4	-5	1.8	-15	1.1	20	1.3	3.7	-0.5	-1	145	18	39	16	4.1	1.6	-0.5	3.3	0.55	23.35
93M01	95-3282	9U	687856	6118230		-2		21	690	1.5	10	64	2	4.43	4	-5	1.9	55	1.9	16	-0.5	3.8	2.3	-1	87	20	40	21	4.2	1.5	-0.5	3	0.47	28.27
93M01	95-3283	9U	688571	6126020		7		67	890	3.6	18	70	2	5.4	4	-5	1.61	28	1.9	21	1.3	3.2	2.4	-1	172	21	47	23	4.7	1.7	0.8	3.5	0.52	25.13
93M01	95-3284	9U	688535	6125055		9		59	820	2.9	13	63	4	4.79	4	-5	1.52	34	1.4	21	-0.5	3.5	1.9	-1	213	20	45	18	4.4	1.7	0.9	3.2	0.57	25.74
93M01	95-3285	9U	688832	6123989		-2		40	700	2	12	39	4	4.84	4	-5	1.27	66	1.6	20	-0.5	4.3	1.6	-1	264	21	44	18	4.4	1.5	0.9	3	0.52	24.31
93M01	95-3286	9U	689166	6122765		-2		32	780	6.3	16	47	3	5.18	5	-5	1.63	-15	1.5	23	-0.5	3.4	2.6	-1	234	26	52	30	5.9	2.2	1	3.6	0.3	22.29
93M01	95-3287	9U	688794	6121807	10	7		24	790	-0.5	17	48	3	5.06	4	-5	1.96	35	1	20	-0.5	2.7	1.4	-1	184	19	45	22	4.3	1.5	0.8	3.4	0.53	24.3
93M01	95-3288	9U	688794	6121807	20	-2		22	670	-0.5	17	52	3	4.96	4	-5	1.87	38	1	19	-0.5	3.1	1.1	-1	169	18	40	17	4	1.5	0.6	3.3	0.5	27.04
93M01	95-3289	9U	687452	6120555		-2		13	770	-0.5	13	60	2	4.59	4	-5	2.22	38	1.1	17	-0.5	3.1	-0.5	-1	129	17	40	19	4	1.5	-0.5	3	0.44	26.41
93M01	95-3290	9U	686376	6121022		-2		10	740	-0.5	15	52	2	4.47	3	-5	1.86	42	1.1	17	-0.5	3.1	1.1	-1	137	17	37	16	3.7	1.3	-0.5	2.8	0.44	26.74
93M01	95-3291	9U	687648	6122268		3		11	730	5.5	12	50	2	4.65	4	-5	1.89	33	0.7	21	-0.5	3.1	0.9	-1	138	21	40	18	4.9	1.8	1	2.9	0.21	26.68
93M01	95-3292	9U	687482	6123619		-2		6.8	910	2.2	13	53	2	4.23	4	-5	2.05	28	0.5	13	-0.5	2.8	-0.5	-1	125	11	30	10	2	0.9	-0.5	1.9	0.34	28.86
93M01	95-3293	9U	686335	6124903		-2		9.3	750	3	8	54	2	3.73	4	-5	2.08	30	0.4	17	-0.5	2.9	2.1	-1	120	18	36	18	4.2	1.5	-0.5	3.1	0.48	27.31
93M01	95-3294	9U	686581	6124270		-2		5	720	2.6	11	48	2	3.74	4	-5	2.07	-15	0.5	13	-0.5	2.4	-0.5	-1	93	14	32	11	2.9	1.1	-0.5	2.3	0.36	25.29
93M01	95-3296	9U	683295	6122493		23	-2	16	830	4.7	11	80	3	4.29	6	-5	2.11	44	1.5	16	-0.5	3.7	1.8	-1	127	15	34	14	2.6	0.9	-0.5	2.4	0.38	21.59
93M01	95-3297	9U	684275	6122469		-2		12	770	2.2	12	50	2	4.89	4	-5	2.06	-15	1.1	20	-0.5	2.6	1.6	-1	160	19	40	19	4.3	1.7	-0.5	3.5	0.58	24.4
93M01	95-3298	9U	685558	6121868		3		14	730	-0.5	17	60	2	5.11	4	-5	2.06	43	1.2	20	-0.5	2.7	1.5	-1	122	21	46	18	4.7	1.6	0.7	3.5	0.53	28.54
93M01	95-3299	9U	684696	6125089		6		13	830	1.4	12	52	2	5.39	5	-5	2.24	38	0.9	21	0.8	3.2	2	-1	133	19	35	17	4.8	1.8	0.8	4	0.62	24.53
93M01	95-3300	9U	685880	6123939		-2		12	850	-0.5	15	46	3	4.78	4	-5	2.19	56	0.9	20	-0.5	3.4	-0.5	-1	122	18	38	20	4.2	1.5	0.7	3.6	0.56	25.26
93M01	95-3302	9U	686741	6123194		-2		9.7	740	2.3	13	48	2	4.98	4	-5	2.12	20	0.7	20	-0.5	3.1	0.9	-1	128	18	39	18	4.3	1.5	0.9	3.4	0.51	27.35
93M01	95-3303	9U	686710	6122226		5		14	690	-0.5	12	45	2	4.52	4	-5	2.15	36	0.9	18	-0.5	2.7	1.7	-1	136	17	36	16	3.9	1.4	-0.5	3.1	0.5	26.81
93M01	95-3304	9U	687052	6119061		8		42	760	-0.5	18	69	3	5.59	4	-5	1.75	49	3.6	19	-0.5	4.4	1.5	-1	174	23	45	19	4.8	1.7	1	3.4	0.51	27.01
93M01	95-3305	9U	685976	6119897		13		20	790	1.5	12	56	1	4.02	4	-5	2.03	46	2.7	13	-0.5	4	1.8	-1	107	23	43	18	4.2	1.4	0.6	2.5	0.39	27.92
93M01	95-3306	9U	685535	6114730		8		19	960	-0.5	16	84	2	4.96	4	-5	1.78	45	2.1	18	-0.5	4.1	1.6	-1	137	21	47	18	4.3	1.5	0.7	3.1	0.46	25.42
93M01	95-3307	9U	685558	6115677		8		17	720	-0.5	16	92	5	6.06	4	-5	1.99	23	2.1	17	-0.5	5.3	2.2	-1	116	29	58	21	4.7	1.7	0.6	2.6	0.38	28
93M01	95-3308	9U	684669	6116024		8		18	750	1.9	12	75	2	4.4	4	-5	1.72	-15	2	16	-0.5	3.9	2.2	-1	98	21	41	16	4.3	1.5	0.7	2.8	0.42	27.64
93M01	95-3309	9U	683837	6117307		-2		9.3	630	3.7	9	76	1	2.96	4	-5	1.61	40	1.1	12	-0.5	3.8	2.3	-1	155	23	44	18	3.9	1.4	-0.5	2.4	0.37	25.04
93M01	95-3310	9U	686395	6116787		-2		14	760	2.3	9	79	2	4.63	4	-5	1.81	41	1.5	17	0.8	4	1.8	-1	118	20	41	16	3.7	1.4	-0.5	2.5	0.41	26.37
93M01	95-3311	9U	685277	6116961		7		18	790	-0.5	12	70	2	4.66	4	-5	1.75	37	2.1	17	-0.5	3.9	1.7	-1	136	21	40	20	4.2	1.5	-0.5	3	0.47	29.33
93M01	95-3312	9U	674566	6125604		3		17	630	1.5	9	87	2	3.8	5	-5	1.42	38	1.6	14	-0.5	3.9	1.8	-1	150	19	43	18	3.7	1.3	0.7	2.8	0.43	24.46
93M01	95-3313	9U	675460	6124157	10	-2		27	740	2.1	21	95	3	5.38	4	-5	1.39	-15	2.2	20	-0.5	4.2	1.4	-1	149	22	44	20	4.6	1.6	0.7	3.3	0.54	27.48
93M01	95-3314	9U	675460	6124157	20	20	-2	28	870	-0.5	22	110	3	5.67	5	-5	1.5	26	2.2	21	-0.5	5	1.5	-1	167	23	53	22	5	1.9	1.1	3.8	0.61	23.33
93M01	95-3316	9U	676478	6124503		6		17	570	1.9	10	92	2	4.11	4	-5	1.62	16	1.9	16	-0.5	4	1.6	-1	243	24	48	23	5.3	1.8	1	3.4	0.53	27.8
93M01	95-3317	9U	678116	6122675		7		22	630	2.5	15	93	2	4.64	4	-5	1.57	36	2	18	0.7	4.4	2.3	-1	161	24	46	24	5.6	2.1	0.8	3.6	0.54	29.34
93M01	95-3318	9U	680521	6121716		-2		19	860	-0.5	13	100	2	4.38	5	-5	1.89	45	2.2	17	-0.5	4.2	3.1	-1	133	24	46	20	4.9	1.8	1.1	3.3	0.52	24.49
93M01	95-3319	9U	682033	6121206		6		29	720	-0.5	18	72	3	5.13	4	-5	1.56	45	3.1	18	0.8	4.5	1.6	3	167	21	46	22	4.2	1.5	0.6	2.4	0.16	26.1
93M01	95-3320	9U	672043	6122992		4		26	500	2.2	9	88	2	3.77	4	-5	1.43	33	1.4	12	-0.5	4.1	1.9	-1	120	18	38	16	2.8	0.9	0.7	2.5	0.39	27.3
93M01	95-3322	9U	672713	6123847		4		19	700	2.5	9	82	2	3.79	4	-5	1.55	47	1.4	14	0.7	4.4	1.9	-1	126	18	45	17	3.4	1.2	0.5	2.7	0.42	24.32
93M01	95-3323	9U	683021	6120026		12		21	700	-0.5	12	71	2	4.75	4	-5	1.67	30	2.5	17	-0.5	4.1	1.7	-1	127	22	46	20	4.2	1.4	0.6	2.8	0.41	24.3
93M01	95-3324	9U	683010	6118462		5		20	900	3	13	89	2	4.92	5	-5	1.65	35	2.1	20	-0.5	4	1.8	-1	151	23	42	22	5.1	1.8	1	3.5	0.53	22.33
93M01	95-3326	9U	683005	6121098		5		14	810	2.6	10	65	1	3.64	4	-5	1.92	36	1.9	11	0.8	3.5	1.6	2	84	16	39	12	3	1	-0.5	2	0.37	28.46
93M01	95-3327	9U	684477	6119658		5		13	680	2.1	9	79	2	3.65	4	-5	2.08	43	1.8	15	-0.5	4.1	1.8	-1	-50	22	43	21	4.4	1.6	-0.5	2.7	0.44	22.33
93M01	95-3328	9U	684686	6118445	10	6		18	780	-0.5	11	70	2	4.49	4	-5	2.05	34	1.8	18	-0.5	4.2	1.4	-1	125	24	44	23	5.3	1.9	0.8	3.2	0.49	27.32
93M01	95-3329	9U	684686	6118445	20	20		18	800	-0.5	11	74	2	4.83	4	-5	2.13	21	1.9	19	-0.5	4.3	1.8	-1	112	24	45	24	5.4	2.1	-0.5	3.4	0.53	25.33
93M01	95-3330	9U	684981	6103654		-2		12	550	3.3	10	78	2	3.93	4	-5	1.91	41	1.1	19	-0.5	3.9	2.2	-1	170	22	42	21	4.9	1.8	0.9	3.5	0.51	28.59
93M01	95-3331	9U	683911	6101875		5		22	770	-0.5	22	110	3	4.93	5	-5	1.79	52	1.7	20	-0.5	5.4	2.5	-1	179	23	56	22	4.8	1.7	-0.5	4.2	0.65	25.51
93M01	95-3332	9U	683384	6100893		-2		15	500	4	13	110	3	4.28	6	-5	1.61	53	1.4	13	-0.5	4	2.1	-1	376	17	40	14	2.9	0.9	1.1	2.8	0.42	25.19
93M01	95-3333	9U	677211	6115343		9		14	670	2	9	98	3	3.04	5	-5	1.69	42	1.1	13	-0.5	3.4	1.9	-1	139	17	36	13	2.7	0.9	-0.5	2.6	0.46	28.86
93M01	95-3334	9U	669144	6115022		-2		15	810	-0.5	18	120	2	3.91	5	-5	1.56	36	1.7	15	-0.5	4.7	1.5	-1	95	22	50	22	4.3	1.5	-0.5	3	0.5	28.12
93M01	95-3335	9U	677758	6101883	10	3		21	1000	1.7	18	130	3	4.75	6	-5	1.42	-15	1.9	18	-0.5	5.9	2.2	-1	169	24	54	22	4.9	1.8	-0.5	3.4	0.59	22.29

INA Analytical Data

				Element		Au	Au*	As	Ba	Br	Co	Cr	Cs	Fe	Hf	Ir	Na	Rb	Sb	Sc	Ta	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass
				Units		ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
				Detection limit		2		0.5	50	0.5	1	5	1	0.02	1	5	0.01	15	0.1	0.1	0.5	0.5	0.5	1	50	0.1	3	5	0.1	0.2	0.5	0.2	0.05	
MAP	ID	UTMZ	UTME	UTMN	Rep	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	bal
93M01	95-3336	9U	677758	6101883	20	-2		19	890	2.4	20	130	3	5.04	6	-5	1.49	42	2	19	-0.5	5.8	1.6	-1	116	25	54	24	5	1.8	-0.5	2.8	0.05	23.29
93M01	95-3337	9U	673230	6116021		5		22	900	4.3	11	120	3	3.83	6	-5	1.63	63	1.7	19	-0.5	5.1	2.3	-1	143	23	49	18	4.7	1.7	0.9	3.2	0.22	22.37
93M01	95-3338	9U	672830	6117721		49	67	21	690	5.3	22	140	5	9.14	7	-5	2.52	54	4.2	34	-0.5	6	2.2	-1	157	29	68	28	7	2.4	1	5.7	0.92	22.28
93M01	95-3342	9U	676785	6100567		-2		26	980	-0.5	27	130	4	4.94	6	-5	1.43	61	2.2	19	0.9	5	2.2	-1	142	24	55	27	4.9	1.7	-0.5	3.7	0.59	22.14

Notes

INA = Neutron activation of -63 micron sample

Au* = gold re-analysis

UTMZ = UTM Zone

UTME = UTM Easting

UTMN = UTM Northing

Rep = Replicate sample

- Analysis done by Actlabs, Ancaster, Ontario.

Reference Guide to Field Observations and Bedrock Geology

ID	Sample Number
UTME	UTM East Coordinate
UTMN	UTM North Coordinate
REP	10 - first duplicate sample, 20 - second duplicate sample
MAP UNIT	**M** - Morainal, **FG** - Glaciofluvial sediments, **LG** - Glaciolacustrine, **C** - Colluvial, **R** - Bedrock, **b** - blanket, **v** - veneer, **a** - ablation, **r** - resedimented, **t** - terrace, **f** - fan. e.g. **Mb** - Morainal blanket
MATERIAL	Sampled sediment type **Dmm** - Massive, matrix-supported diamicton, **s** - sand, **z** - silt, **c** - clay, **g** - gravel, ( ) - minor component
DEPTH	Depth to sample from surface, in metres
EXPOSURE	**r** - roadcut, **s** - stream cut, **p** - pit, **q** - quarry
TERRAIN	**1** - flat, **2** - undulating, **3** - Rolling, **4** - Montane
SLOPE	Inclination of the surface at the sample site
DRAINAGE	**1** - poor, **2** - moderate, **3** - well
VEGETATION	**P** - Lodgepole pine, **s** - spruce, **cc** - clearcut, **al** - alder, **as** - aspen, **d** - deciduous, **b** - birch
SOIL	Disturbed (x) or undisturbed (depth given in m)
FISSILITY	**0** - none, **1** - weak, **2** - moderate, **3** - strong
DENSITY	**1** - low, **2** - moderate, **3** - high
OXIDATION	**0** - none, **1** - mild, **2** - moderate, **3** - high
JOINTING	**0** - none, **2** - weakly, **3** - moderate, **4** - well
MATRIX	Percentage of matrix 60, 70, 80, 90
TEXTURE	Matrix Texture **1** - sand, **2** - silt, **3** - silty sand, **4** - sandy silt, **5** - clay rich silt or sand.
CLAST SIZE	Maximum clast size observed

COLOUR	Matrix colour **b** - brown, **db** - dark brown, **lb** - light brown, **g** - grey, **lg** - light grey, **dg** - dark grey, **o** - orange, **gr** - green, **dgr** - dark green **bl** - blue, **bt** - blue tinge, **ol** - olive, **redb** - reddish brown, **dg-b** - dark grey brown
CLAST MODE	**1** - small pebble, **2** - medium pebble, **3** - large pebble. **0.5** is intermediate between any two mode classifications.
SHAPE	Average shape of clasts **1** - angular, **2** - sub-angular, **3** - sub-rounded, **4** - rounded **5** - well rounded. Note, **0.5** is an intermediate value between any two shape classifications.
STRIATED	Presence of striations on clasts **1** - <1% rare, **2** - 1-10% common, **3** - >10% abundant
BEDROCK	**n/v** - not visible, **ss** - sandstone, **zs** - siltstone, **ms** - mudstone, **sh** - shale, **and.** - andesite, **dac.** - dacite, **arg.** - argillite, **sy.** - syenite, **tr.** - trachyte, **br** - breccia, **b** - basalt, **ves.** - vesicular, **qz.** - quartz, **aug.** - augen, **lt** - lithic tuff, **gw** - greywacke, **p and.** - porphyritic andesite, **dk. b pyro.** - dark basaltic pyroclastics, **H and.** - Hazelton andesite, **arg. hf.** - argillaceous hornfels, **amy. b** - amygdaloidal basalt, **dio.** - diorite, **grd.** - granodiorite, **sil.** - silicified, **asic.** - asicular, **min.** - mineralized, **epid.** - epidote, **bs** - basic, **hfd ch.** - hornfelsed chert, **bd** - banded, **rhy.** - rhyolite, **vc** - volcaniclastics, **metseds** - metasediments, **alt.** - altered, **fb** - flow banded, **ser.** - sericitized, **lapt** - lapilli tuff, **cong.** - conglomerate, **gs** - gritstone, **pbr** - pipe breccia, **intr.** - intruded, **w** - weathered, **phy.** - phyllite, **(f)** - fossiliferous, **(v)** - volcanigenic, **(c)** - coarse grained, **(m)** - medium grained, **(fg)** - fine grained, **BFP/QFP** - biotite/quartz feldspar porphyry
COMMENTS	Relevant sedimentologic, geologic and other data

ID	UTME	UTMN	Rep	MAP UNIT	MATERIAL	DEPTH (m)	EXPOSURE	TERRAIN	ASPECT	SLOPE (deg)	DRAINAGE	VEGETATION	SOIL	FISSILITY	DENSITY	OXIDATION	JOINTING	MATRIX (%)	COLOUR	TEXTURE	CLAST MODE (cm)	CLAST SIZE (cm)	SHAPE	STRIATED	BEDROCK	COMMENTS
95-3002	662188	6125462		Mb	sz Dmm	1.00	r	3	NW	5	3	P/s/cc	x	1	3	0	1	80	b	3	2		2	2	Cong, gs 1km	
95-3003	661957	6123162		Mb	sDmm	2.50	r	2	SW	8	2	P/s	x	1	3	0	1	65	db	3	4		2	3		*
95-3004	673220	6118884		Mv/Cv	sDmm	0.80	r/s	4	ridge	1	2	s	0.11	0	1	2	0	60	b	3	2	60	2	2	n/v	*
95-3005	662486	6102732	10	Mb	zDmm	1.00	r	1	E	5	2	cc	x	3	3	1	3	70	db	3	1.5		3	2	n/v	
95-3006	662486	6102732	20	Mb	zDmm	1.00	r	1	E	5	2	cc	x	3	3	1	3	70	db	3	1.5		3	2	n/v	
95-3008	661134	6103109		Mb	zsDmm	0.50	p	3		1	3	s	0.10	3	3	1	2	80	lg	3	1	2	3	1	n/v	*
95-3009	660007	6103209		Mb	szDmm	0.60	p	3	N	1	3	al	x	2	3	2	3	80	b	4	1.5	10	3	2	n/v	*
95-3010	662837	6101555		Mb	sDmm	0.50	p	3	NW	1	3	s/cc	x	2	2	1	1	80	dg	3	2	15	3	1	n/v	*
95-3011	661788	6102043		Mb	zsDmm	0.90	p	2		1	3	P	0.20	1	2	2	0	70	lg	3	3	50	3	2	n/v	*
95-3012	661562	6100722		Mb	zsDmm	1.00	p	2	S	5	3	P/cc	x	1	3	1	0	85	b	3	2	30	3	2	n/v	*
95-3013	660075	6101214		Mb	zDmm	1.00	p	2		1	3	P/cc	x	2	2	2	1	90	b	2	2	20	3	1	n/v	
95-3014	670140	6098344		Mv	szDmm	0.80	r	4	NE	25	2	s	0.30	1	3	1	0	80	b	4	1.5	15	2.5	1	and./dac.	*
95-3015	669294	6099165		Mb	szDmm	1.00	r	4		10	2	s	0.10	0	2	0	1	70	b	4	2	15	3	2	n/v	*
95-3016	669670	6099948		Mb	szDmm	0.40	p	2		30	2	s	0.08	2	2	0	2	80	dg-b	3	2	10	2.5	1	n/v	*
95-3017	668063	6099042		Mv	czDmm	1.00	p	3		1	2	P/cc	0.21	3	3	1	0	90	dg	2	1	10	2.5	1	n/v	*
95-3018	668008	6098138		Mb	szDmm	1.00	p	2	NE	5	2	s	0.20	2	3	1	0	75	dg	4	2.5	20	2.5	2	n/v	*
95-3019	666735	6099756		Mb	zsDmm	0.55	r	2	N	5	2	P/cc	x	3	3	1	3	75	dg-b	3	1.5	15	2.5	2	n/v	*
95-3020	666757	6098293		Ma/Mb	sDmm	1.00	r/s	1	NW	3	3	P/cc	x	1	2	0	0	60	b	1	3	35	2.5	2	n/v	*
95-3022	665645	6098251		Mb	szDmm	0.80	r/p	2	E	5	3	P/cc	0.35	1	2	2	0	70	b	4	1	10	2.5	2	n/v	
95-3023	664210	6098126		Mb	zsDmm	0.70	p	1		1	2	P/cc	0.30	2	1	1	0	80	b	3	2	10	2	1	n/v	
95-3025	665768	6100826		Mb	szDmm	1.00	p	4		1	2	P/s/cc	0.10	1	2	2	0	80	b	4	1	70	2.5	2	n/v	
95-3026	665218	6099607		Mb	szDmm	0.50	p	2		1	3	P/s	0.21	2	1	1	0	75	b	3	1.5	20	2.5	1	n/v	
95-3027	664524	6099050		Mb	szcDmm	1.30	p	2		1	2	cc	x	2	3	1	2	70	dg	5	1.5	30	2.5	1	n/v	*
95-3028	674384	6124740		Mv/FGb	zsDmm	0.60	r	1	NE	6	3	s/cc	x	2	3	2	0	80	b-o	3	2	60	2	1	b	*
95-3029	676176	6123011		FGb//Mb	szDmm	0.70	r	1	W	6	2	s	x	2	3	1	3	80	b	4	2	20	2	3	ves., amy. and.	*
95-3030	676985	6123689	10	Mb	czDmm	3.50	r	2	E	3	3	cc	x	3	3	2	2	65	dgr	5	2	25	2.5	2	n/v	*
95-3031	676985	6123689	20	Mb	czDmm	3.50	r	2	E	3	3	cc	x	3	3	2	2	65	dg	5	2	25	2.5	2	n/v	*
95-3032	663015	6100169		Mb	zDmm	1.00	s	2	NE	5	2	s	0.25	3	3	0	3	80	b	5	3	80	2.5	3	n/v	*
95-3033	662759	6099195		Mb/Ma	zsDmm	0.80	p	3	NE	7	2	s	x	3	3	2	2	80	b	3	2	90	2	3	n/v	*
95-3034	661336	6099597		Mb	zsDmm	0.50	p	3	NE	7	3	cc	x	2	3	2	1	80	b	3	2	30	2.5	3	n/v	
95-3035	660516	6098949	10	Mbv	czDmm	3.00	r	3	NE	7	3	s/as	x	3	3	0	1	80	dg	5	1.5	20	3.5	3	n/v	*
95-3036	660516	6098949	20	Mbv	czDmm	3.00	r	3	NE	7	3	s/as	x	3	3	0	1	80	dg	5	1.5	20	3.5	3	n/v	*
95-3037	662315	6098269		Mb	czDmm	0.70	p	3	NE	10	2	s	0.50	2	3	1	2	90	dg	5	1	25	2.5	1	n/v	
95-3038	672095	6108760		LG/Mb	czDmm	0.75	p	3	SSE	10	3	cc	x	2	3	2	1	80	g-b	5	2	20	2.5	2	n/v	*
95-3039	672484	6110063		Cv/Ma	sDmm	1.50	r	2	SW	5	3	cc	x	0	2	1	0	60	b-o	1	2	35	2	1	n/v	*

ID	UTME	UTMN	Rep	MAP UNIT	MATERIAL	DEPTH (m)	EXPOSURE	TERRAIN	ASPECT	SLOPE (deg)	DRAINAGE	VEGETATION	SOIL	FISSILITY	DENSITY	OXIDATION	JOINTING	MATRIX (%)	COLOUR	TEXTURE	CLAST MODE	CLAST SIZE (cm)	SHAPE	STRIATED	BEDROCK	COMMENTS
95-3040	672484	6110063		Cv/Ma|Mb	zsDmm	2.00	r	2			2	cc	x	0	1	2	0	70	b	3	2	35	2	1	n/v	*
95-3042	659901	6115908		Mb	zsDmm	0.75	r	2	N	5	1	s	0.33	2	2	0	1	80	b	3	2	20	2.5	2	H and.	
95-3043	661260	6115702		Mb/LG	szDmm	2.50	r	2	NW	15	1	s	0.60	0	1	2	0	70	dg	4	3	40	2.5	1	n/v	*
95-3044	662531	6115444		Mb	czDmm	0.75	r	3	SE	6	2	P/s	x	2	2	0	0	75	db	5	2	50	2.5	2	n/v	*
95-3045	663568	6114881		Mb	czDmm	1.00	r	2		2	3	s	x	3	2	0	1	85	b	5	1	15	2.5	1	n/v	*
95-3046	661492	6117659		Mb	szDmm	1.00	r	2		2	2	s	x	2	2	1	0	75	b	4	1.5	10	2.5	1	n/v	
95-3047	662917	6117211		Mb/R	szDmm	3.00	r	3	S	5	2	s	0.28	2	2	2	1	65	b/bt	4	3	20	2	2	zs	*
95-3048	659434	6111161		Mb	zcDmm	0.50	r	3	S	10	2	s	x	3	3	0	1	85	b	5	1	10	2.5	2	dk. b pyro.	*
95-3049	659388	6111170	10	Mb	sDmm	2.00	r	3	SE	10	3	s	x	3	2	0	3	80	db	1	2	70	2.5	2	p and.	
95-3050	661981	6118058	20	Mb	sDmm	2.00	r	3	SE	10	3	s	x	3	2	0	3	80	db	1	2	70	2.5	2	p and.	
95-3052	660137	6110256		Mb	czDmm	0.60	r	1	W	10	2	cc	x	1	3	1	1	80	lg	5	2	30	2.5	2	n/v	
95-3053	660413	6111805		Mb	zcDmm	0.30	r	2		1	2	s	x	2	3	0	1	80	g	5	2	20	2.5	2	n/v	
95-3054	660939	6113337		Mb	zDmm	0.80	r	2	SW	5	2	cc	x	0	1	3	0	70	b	4	2	20	2	2	n/v	
95-3055	660981	6112340		Mbr	szDmm	1.00	r	2	SW	5	3	s	x	3	3	0	2	70	dg	4	2	15	2	3	n/v	
95-3056	661888	6111695		FGb/Mb	zsDmm	0.50	r	2	S	5	2	s	x	2	3	1	1	80	b	3	2	20	3	3	n/v	
95-3057	668481	6110192		Mv	zsDmm	0.40	r	3	S	1	3	cc	0.24	0	1	2	0	70	lg	3	2	20	2.5	2	dk. gr ss(m)	
95-3058	669002	6108107		Mvr	zsDmm	1.00	p	3	SE	15	3	cc	x	2	2	2	1	85	dg	3	1.5	15	2.5	3	qz dio.	
95-3059	668532	6109182		Mbr	zsDmm	0.40	p	3	N	10	1	cc	x	1	2	1	0	80	g	3	2	20	2.5	2	arg. hf	
95-3060	667184	6110696		Mb/FGv	szDmm	0.80	r	1	N	10	2	P/s	x	1	2	1	0	75	b	4	1.5	10	2.5	2	n/v	
95-3062	667145	6111574		Mb	szDmm	1.70	r	2	NE	5	2	cc	x	2	2	0	0	80	b	4	2	30	3	2	n/v	
95-3063	668619	6111166		Ma/FG/Mb	sDmm	1.20	r	2	S	1	2	cc	x	1	1	2	0	70	b	1	2.5	10	2.5	2	amy. b	
95-3064	669872	6110706		Mv	sDmm	1.00	r	3	S	10	3	P/s	x	1	1	2	0	60	gr	1	1.5	10	2	1	gr. bd metseds	
95-3065	669543	6112095		Mb	zsDmm	0.50	p	3	W	10	3	cc	x	3	3	0	2	80	dg	3	1.5	15	2.5	2	n/v	
95-3066	670797	6111319		Mb	zDmm	0.35	r	1		5	3	cc	x	2	2	0	0	80	b	2	1	10	2.5	2	n/v	
95-3067	670630	6112895	10	Mb	czDmm	2.50	r	1	NE	15	2	s/as	x	3	2	0	3	75	dg	5	1.5	35	3	2	n/v	*
95-3068	670630	6112895	20	Mb	czDmm	2.50	r	1	NE	15	2	s/as	x	3	2	0	3	75	dg	5	1.5	35	3	2	n/v	*
95-3069	667890	6112292		FGv|Mb	zcDmm	1.50	r	2	E	5	2	s	x	2	2	0	0	80	g	3	1.5	25	2.5	2	n/v	
95-3070	668490	6113179		Mb/FG	zDmm	0.40	r	3	ENE	10	2	s	x	1	2	2	0	70	b	2	1	50	2.5	2	n/v	
95-3072	663851	6125339		Mb	zcDmm	0.60	p	2	W	5	2	s	x	3	2	0	2	80	b	5	1.5	15	2.5	2	n/v	*
95-3073	664329	6124040		Mb	szDmm	0.50	r	2		1	2	cc	x	3	2	0	2	80	b	4	2	20	2.5	3	n/v	
95-3074	665444	6123489		Cv/FG|Mb	sDmm	0.80	p	2	NNE	8	1	P/s	x	1	1	2	0	70	b-o	1	2.5	15	2.5	2	ss(v)	
95-3075	664306	6122948		Mb	scDmm	1.00	r	1	S	5	3	cc	x	1	3	1	2	80	b-o	5	2	15	2.5	2	n/v	
95-3076	664144	6120258		Cb|Mv	szDmm	1.50	r	4	S	15	2	cc	1.11	1	1	2	0	70	dg	4	2.5	20	2.5	3	p and.	
95-3077	664194	6117429		Mbr	zsDmm	1.30	r	3	NE	8	3	cc	0.30	3	3	0	3	85	dg	3	2	20	2.5	3	n/v	
95-3078	663918	6118603		Mbr	szDmm	2.00	r	3	S	10	2	cc	x	3	3	0	3	80	dg	4	2	20	2	2	n/v	*

ID	UTME	UTMN	Rep	MAP UNIT	MATERIAL	DEPTH (m)	EXPOSURE	TERRAIN	ASPECT	SLOPE (deg)	DRAINAGE	VEGETATION	SOIL	FISSILITY	DENSITY	OXIDATION	JOINTING	MATRIX (%)	COLOUR	TEXTURE	CLAST MODE	CLAST SIZE (cm)	SHAPE	STRIATED	BEDROCK	COMMENTS
95-3079	664117	6119356		Mb	szDmm	1.00	r	1	SW	8	3	cc	x	3	3	2	0	75	b	4	2.5	20	2.5	2	n/v	
95-3080	666259	6122431		Mv	zsDmm	0.40	s	4	W	15	2	s	0.13	2	2	1	0	70	dg	3	1	15	2.5	1	grd	
95-3082	666094	6121704		Cv/Mv	zDmm	0.40	p	4		2	3	cc	x	1	1	3	0	60	lg	2	1	10	2	1	arg.	
95-3083	663298	6122402		Mbr	zsDmm	1.20	p	3	SW	15	2	cc	x	2	2	0	0	80	b	3	1	15	2.5	2	n/v	
95-3084	662335	6122429		Mbr	zsDmm	0.30	r	3	E	10	2	cc	x	3	2	0	2	80	g	3	2	15	2.5	2	n/v	
95-3085	665985	6119717		Mb	zDmm	0.20	p	2	N	5	3	as	x	2	3	0	2	80	g	2	1.5	10	2.5	2	gw	
95-3086	666035	6120396		Mb	zDmm	0.30	r	1	W	5	3	cc	x	3	3	0	2	80	g	2	2	15	2.5	2	gw	
95-3087	667049	6119444		Mb	zsDmm	0.30	p	1	W	10	2	cc	x	3	3	2	1	80	b	3	1	15	2.5	2	n/v	
95-3088	663625	6121572		Cv/Mv	csDmm	1.50	r	3		10	2	cc	x	1	1	0	0	60	b	5	2.5	15	2.5	2	ss (fg)	
95-3090	665087	6121169		Mb	zsDmm	3.00	r	3	SW	20	3	s	0.70	2	3	0	1	75	b	3	2	15	2.5	1	n/v	
95-3091	668170	6118507		Mb	zDmm	1.00	r	1	N	10	3	s	x	2	2	0	0	80	b	2	1.5	10	2.5	1	n/v	
95-3092	670580	6116116		Mb	zDmm	0.70	r	2		5	3	cc	x	3	2	1	2	80	o-b	2	2	10	2.5	2	n/v	
95-3093	669529	6117015		Mb	zsDmm	0.50	r	2	S	1	2	cc	x	1	3	1	1	80	b	3	2	15	2.5	2	n/v	
95-3094	662396	6124122	10	Mb	szDmm	2.50	r	2	W	7	3	s	x	3	3	0	2	70	dg	4	2	20	2.5	3	n/v	
95-3095	662396	6124122	20	Mb	szDmm	2.50	r	2	W	7	3	s	x	3	3	0	2	70	dg	4	2	20	2.5	3	n/v	
95-3096	664355	6121873		Mb	szDmm	1.50	r	1	E	7	3	cc	x	3	3	0	2	80	dg	4	2.5	15	2.5	2	n/v	
95-3097	680620	6100028		Mb	sDmm	1.30	r	3	W	10	3	cc	x	2	1	0	1	70	b	1	1.5	15	2.5	2	n/v	
95-3098	679733	6101532		Mb/Ma	sDmm	0.80	p	2	WSW	5	3	cc	x	1	2	2	0	70	o-b	1	2	15	2.5	1	n/v	*
95-3099	679660	6106596		Cv/Mb	szDmm	1.50	r	4	SW	15	3	cc	x	3	2	0	2	80	b	4	1	10	2.5	2	p and., bs dykes	
95-3100	679336	6105051		Mb	czDmm	2.00	r	4	W	12	3	cc	x	3	3	0	2	85	dg	4	1.5	20	3	3	n/v	
95-3102	681051	6098452		Mb	zDmm	4.00	r	1	SW	15	1	cc	x	3	3	2	3	75	b	2	2	30	2.5	2	n/v	*
95-3103	678344	6105114		Mb	sDmm	0.70	r	3	E	3	3	cc	0.35	3	3	2	3	70	o-b	1	1.5	10	1.5	2	qz-aug rhy. (alt.)	
95-3104	678879	6104048		Mb	zsDmm	1.00	r	3	S	15	3	cc	x	3	3	0	3	80	b	3	3	30	2	2	n/v	
95-3105	679029	6102809		Mb	zsDmm	1.30	r	1	W	8	3	cc	x	2	2	2	2	80	o-b	3	1.5	10	2.5	2	n/v	
95-3106	678091	6103439		Mb	czDmm	1.00	r	1	W	2	3	cc	x	2	2	0	2	80	b	5	1.5	10	2.5	2	n/v	*
95-3107	677596	6104320		Mb	sDmm	0.80	r	2	W	5	3	cc	x	2	3	1	1	70	o-b	1	2	10	2.5	2	n/v	
95-3108	676749	6105597		Mb	zsDmm	0.70	r	2	W	3	3	cc	x	3	3	1	2	80	b	3	1.5	10	2.5	2	n/v	
95-3109	690033	6099578		FGb//Mb	czDmm	0.30	p	2	S	2	1	P	x	0	2	0	0	65	g	5	1	10	2.5	2	n/v	
95-3111	687158	6108321	10	Mv	zsDmm	1.00	r	2	SW	5	3	P	x	3	3	0	3	75	db	3	1	15	3.5	2	ss(f) & silt	
95-3112	687158	6108321	20	Mv	zsDmm	1.00	r	2	SW	5	3	P	x	3	3	0	3	75	db	3	1	15	3.5	2	ss(f) & silt	
95-3113	688346	6108661		FGb/Mb	sDmm	0.40	r	2	NE	5	2	s	x	1	2	2	0	90	b	1	2	15	2.5	1	sy and tr	
95-3114	686430	6108760		Mbr	sDmm	0.60	p	3	N	10	3	cc	x	1	2	1	0	80	b	1	2	10	2.5	1	ss and zs	*
95-3115	685154	6108172		Mb	zsDmm	1.50	r	3	SE	5	3	cc	x	2	2	1	2	80	b	3	2	20	2.5	1	n/v	
95-3116	685058	6109598		Mb	zcDmm	0.30	p	3	N	10	3	cc	x	2	3	0	1	70	g	5	1.5	10	2.5	2	n/v	
95-3117	684360	6109331		Cb/Mb	czDmm	1.30	p	3	NE	12	2	cc	1.00	2	2	0	1	80	g	5	1.5	10	2,5	2	n/v	

ID	UTME	UTMN	Rep	MAP UNIT	MATERIAL	DEPTH (m)	EXPOSURE	TERRAIN	ASPECT	SLOPE (deg)	DRAINAGE	VEGETATION	SOIL	FISSILITY	DENSITY	OXIDATION	JOINTING	MATRIX (%)	COLOUR	TEXTURE	CLAST MODE	CLAST SIZE (cm)	SHAPE	STRIATED	BEDROCK	COMMENTS
95-3118	684534	6110338		Mb	zDmm	2.00	r	2	NE	10	3	al	x	3	3	0	3	2	dg	2	1	10	2.5	3	n/v	
95-3119	683556	6111042		Mb	zDmm	1.80	r	3	NNE	12	3	cc	x	3	3	0	3	70	db	2	2	25	2.5	3	zs and ss	*
95-3120	682505	6111184		Mb	sDmm	1.00	r	3	NE	10	1	cc	x	2	2	0	1	70	b	1	2	15	2.5	2	zs, ss and br	
95-3122	681260	6109632		Mb	szDmm	1.00	s	2	SE	5	2	cc	x	3	3	0	2	80	b	4	2	15	2.5	3	hfd ch,zs, sst.	*
95-3123	681260	6109632		Mb	szDmm	1.00	s	2	SE	5	2	cc	x	3	3	0	2	80	b	4	2	15	2.5	3	hfd ch,zs, sst.	*
95-3124	681997	6110243		Mb	Dmm	1.20	r	1	W	1	10	cc	x	3	3	0	3	80	g	2	1.5	20	2.5	2	zs and sh	*
95-3125	680997	6112624		Mb	zDmm	0.20	r	3	NW	10	10	P	x	3	3	0	2	80	g-b	2	1	5	2.5	2	n/v	
95-3126	681762	6111457		Mb	scDmm	1.20	r	3	NE	10	2	cc/al	x	2	3	0	2	80	db	5	1.5	10	2.5	2	n/v	
95-3127	683938	6104350		Mb	zDmm	1.70	r	2	E	2	3	s	x	3	3	0	2	75	db	2	1.5	10	2.5	2	n/v	
95-3128	682271	6105338		Cv|Mb	zsDmm	2.00	r	1	S	5	1	s	1.10	3	2	0	3	70	b	3	2	15	2.5	2	zs and ss	*
95-3129	681389	6106416		Mb	zsDmm	1.00	r	4	S	10	3	cc/s	x	2	2	0	2	80	b	3	1.5	15	2.5	1	zs and gw	*
95-3130	691090	6105152		Mv	zDmm	0.50	q	2	NE	3	3	P/s	x	0	2	1	0	60	ol. b	2	1.5	15	2.5	2	sy	
95-3131	689672	6105728		Mb	cDmm	1.10	r	2	NE	5	2	P/s/al	x	2	3	0	0	80	ol. b	5	1	10	2.5	2	n/v	
95-3132	685783	6103325		Mb	szDmm	1.00	r	3	SE	5	2	s	x	2	3	0	2	80	b	4	2	30	2.5	2	n/v	*
95-3133	686384	6104744		Mb	czDmm	1.20	r	3	E	10	2	s	x	1	3	0	2	70	g	5	1.5	15	2.5	2	n/v	
95-3134	686973	6103102		Mb	czDmm	2.00	r	2	SE	4	1	d	x	1	3	0	2	80	b	5	1	15	2.5	2	n/v	
95-3136	688084	6103010		Mb	zsDmm	1.25	r	2	SE	3	2	cc	x	2	3	1	2	75	b	3	3.5	15	2.5	2	n/v	
95-3137	689143	6102300		Mb	zDmm	0.50	r	2	S	5	2	s	x	2	3	0	1	80	ol. g	2	2	15	2.5	2	n/v	
95-3138	689585	6103608		Mb	zsDmm	0.30	p	2	SE	3	3	s	x	2	2	0	1	75	b	3	2.5	8	2.5	2	sy	
95-3139	690293	6102177		Mb	szDmm	1.20	r	2	SE	5	2	P/s	x	2	3	0	1	75	ol. b	4	1.5	15	2.5	3	n/v	
95-3140	691504	6102070	10	Mb	zsDmm	1.00	p	2	SE	3	2	cc	x	2	3	0	2	70	b	3	2	15	2.5	2	sy	
95-3142	691504	6102070	20	Mb	zsDmm	1.00	p	2	SE	3	2	cc	x	2	3	0	2	70	b	3	2	15	2.5	2	sy	
95-3143	689544	6101500		Mb	zDmm	0.70	p	2	SW	5	2	s	0.25	2	3	1	1	80	g	2	1.5	40	2.5	1	n/v	
95-3144	690442	6104329		Mb	zsDmm	0.30	p	2	E	5	3	P	x	2	2	0	1	70	ol. b	3	1.5	10	2.5	2	sy	
95-3145	691184	6103389		Mb//FGb	scDmm	1.00	r	2	W	3	1	s	x	1	1	2	0	80	bl-g	5	1.5	20	2.5	1	n/v	*
95-3146	679528	6113227		Mb	zcDmm	2.50	p	3	SW	5	2	cc	x	2	3	0	2	75	b	5	2	20	2.5	2	n/v	*
95-3147	680618	6114157		Mb	zDmm	0.20	p	2	SE	2	3	cc	x	3	3	0	3	75	b	2	1	10	2.5	1	n/v	
95-3148	678153	6113767		FG/Mb	szDmm	0.25	p	2	SW	5	3	cc	x	2	3	0	1	80	o-b	4	2	10	2.5	1	n/v	
95-3149	677136	6114504		Mb	scDmm	0.20	p	2	SW	1	1	s	x	2	3	2	1	75	o-b	5	2	10	2.5	1	n/v	*
95-3150	676825	6113238		Mbr/FGb	sDmm	2.00	r	3	NE	10	3	cc	x	2	3	0	1	80	ol. g	1	1.5	10	2.5	2	n/v	
95-3151	675879	6113687		Mb	czDmm	2.00	r	3	SW	8	3	cc	x	3	2	2	2	70	b-o	5	2	40	2.5	1	n/v	*
95-3152	674795	6115305		Mvr	szDmm	0.40	p	3	SE	15	3	P	0.30	1	2	2	0	70	ol. g	4	1.5	10	2.5	2	lt	
95-3153	674840	6114133		Mb/LG	csDmm	1.50	r	2	WSW	6	3	s/as	0.85	3	3	2	1	75	o-b	5	2	15	2	1	n/v	*
95-3154	673916	6114157		LG/Mb	zDmm	1.50	r	2	SW	3	2	cc	x	3	2	2	3	85	o-b	2	2.5	300	3	1	n/v	*
95-3155	673920	6115094		Mb	czDmm	1.75	r	1	SW	7	3	s	x	3	3	0	2	75	b	5	2	15	2	1	n/v	

ID	UTME	UTMN	Rep	MAP UNIT	MATERIAL	DEPTH (m)	EXPOSURE	TERRAIN	ASPECT	SLOPE (deg)	DRAINAGE	VEGETATION	SOIL	FISSILITY	DENSITY	OXIDATION	JOINTING	MATRIX (%)	COLOUR	TEXTURE	CLAST MODE	CLAST SIZE (cm)	SHAPE	STRIATED	BEDROCK	COMMENTS
95-3156	673884	6113346		Mb	zDmm	1.50	r	1	SW	5	2	s	x	2	1	2	0	80	b	2	2	10	2.5	2	n/v	*
95-3157	681877	6117295		FGb|Mb	sDmm	4.00	r	1	NE	15	2	cc	x	1	2	0	0	60	b	1	1.5	10	2.5	1	n/v	
95-3158	682563	6116227		Ma//Mb	zsDmm	0.30	r	2	E	5	2	s	x	1	2	0	2	70	b	3	1.5	10	2.5	2	n/v	
95-3160	683487	6112439		Mb	zsDmm	0.35	r	2	E	5	2	s	x	2	2	1	2	70	b	3	1.5	10	2.5	2	n/v	*
95-3162	684450	6112692		Ma//Mb	szDmm	1.00	r	2	E	3	2	cc	x	2	2	1	1	70	b	4	1.5	10	2.5	2	n/v	
95-3163	685723	6111776		Mb	zsDmm	2.50	r	2	E	3	2	cc	x	1	2	2	0	80	b	3	1	15	2.5	1	n/v	*
95-3164	686145	6110547		Mb	zDmm	0.30	p	2	E	1	3	cc	x	2	2	1	1	75	b	2	1	10	2.5	1	n/v	
95-3165	688380	6107561		Mb	szDmm	1.20	r	2	E	5	2	s	x	2	3	0	1	80	ol. g	5	1.5	10	2.5	1	n/v	
95-3166	689238	6106730		Ma//Mb	sDmm	0.40	p	2	E	5	2	P/cc	x	2	2	1	1	80	b	1	1.5	10	2.5	2	n/v	
95-3167	688688	6105629		Mb	szDmm	0.70	p	2	SE	2	2	cc	x	2	2	0	1	75	b	3	1.5	10	2.5	2	n/v	
95-3168	685359	6106568	10	Mb	czDmm	0.40	p	1	W	15	1	cc	x	2	3	1	1	80	g	5	1.5	10	2.5	2	alt. fb rhy	*
95-3169	685359	6106568	20	Mb	czDmm	0.40	p	1	W	15	1	cc	x	2	3	1	1	80	g	5	1.5	10	2.5	2	alt. fb rhy	*
95-3170	686870	6105934		Mb	zsDmm	1.30	r	2	E	3	2	cc	x	1	2	1	1	70	b	3	2.5	25	2.5	2	n/v	
95-3171	687751	6106327		Mb	zDmm	0.40	p	2	W	5	3	P	x	3	3	0	2	80	g	2	2	15	2.5	2	sy	
95-3172	685459	6105252		FGv/Mb	zDmm	0.60	p	3	W	12	2	cc	x	2	3	0	1	80	ol. b	2	1.5	10	2.5	2	grd	*
95-3173	670015	6120694		Mb	sDmm	0.60	r	1	NW	8	3	s	x	1	2	0	0	70	b	1	1.5	40	2.5	1	n/v	
95-3174	670477	6119744		Mv/Cv	zsDmm	0.75	r	3	S	5	3	cc	x	1	1	3	0	60	lg	3	2.5	50	1.5	1	ser. QFP and rhy.	*
95-3175	671360	6118996		Mb	szDmm	1.00	r	1	E	5	2	s	x	2	3	1	2	75	g	3	1.5	10	2.5	2	ss (c)	*
95-3176	671690	6118255		Mb	zsDmm	0.40	p	1	W	10	2	s	x	2	3	0	1	70	g	3	2.5	15	2.5	2	n/v	
95-3177	676147	6112416		Mb	szDmm	0.60	r	2	SW	5	3	P	x	3	3	0	2	80	ol. b	4	2.5	15	2.5	2	n/v	
95-3179	679049	6122365		Mb	szDmm	3.00	r	1	NE	15	3	cc	x	3	3	0	3	80	b	4	1.5	10	2.5	2	ss(f)(c) and zs(f)	*
95-3180	677793	6099215		Mb	zsDmm	1.30	r	3	ENE	10	3	s/as/b	x	3	3	0	2	85	b	3	1	10	2.5	2	crystal and lapt	*
95-3182	677533	6100271		Mb	czDmm	0.40	r	2	NE	5	3	s/as	x	3	3	0	2	75	ol. b	5	1.5	10	2.5	2	n/v	
95-3183	677155	6099278		Mb	czDmm	0.50	p	2	NW	3	3	s	x	3	3	1	2	80	red b	5	1	5	2.5	2	n/v	
95-3184	665504	6121739		Mv	zsDmm	0.40	p	4	W	5	3	P/s	0.32	1	2	2	1	85	lg	3	1	5	2.5	1	phy and BFP	
95-3185	665671	6122241		Cv/Mv	sDmm	0.60	p	4	W	5	3	P/s	0.30	1	1	3	0	80	o-b	1	1.5	15	2.5	1	w BFP	*
95-3186	667070	6121711		Cb/Mb	sDmm	1.00	p	1	E	8	2	s/b	x	1	2	1	0	80	lb	1	1.5	10	2.5	1	n/v	
95-3187	666528	6121729		Mv	zDmm	0.40	r	1	W	15	3	P	x	2	1	1	1	70	lg	2	1	10	2.5	1	grd	
95-3189	666849	6120447		Mb	zsDmm	1.00	r	1	SW	10	3	P	0.55	1	2	1	0	80	b	3	1	15	2.5	1	n/v	
95-3190	668253	6117845	10	Mb	zsDmm	0.40	r	2	E	3	3	cc	x	2	3	0	2	80	b	3	1.5	10	2.5	2	n/v	*
95-3191	668253	6117845	20	Mb	zsDmm	0.40	r	2	E	3	3	cc	x	2	3	0	2	80	b	3	1.5	10	2.5	2	n/v	*
95-3192	665028	6118367		Mb	czDmm	1.30	r	3	SW	10	2	cc	x	3	3	0	2	80	g	5	1.5	10	2.5	2	n/v	*
95-3193	666377	6118240		Mb	czDmm	2.00	r	3	SW	10	2	cc	x	3	2	0	2	80	b	5	1.5	25	2.5	2	n/v	*
95-3194	667398	6117444		Mb	szDmm	1.60	r	3	S	10	2	cc	x	3	2	0	1	80	g	4	2	20	2.5	2	n/v	
95-3195	668104	6116376		Mb	szDmm	2.00	r	2	E	5	2	P	x	3	3	0	2	70	b	4	1.5	10	2.5	2	n/v	

ID	UTME	UTMN	Rep	MAP UNIT	MATERIAL	DEPTH (m)	EXPOSURE	TERRAIN	ASPECT	SLOPE (deg)	DRAINAGE	VEGETATION	SOIL	FISSILITY	DENSITY	OXIDATION	JOINTING	MATRIX (%)	COLOUR	TEXTURE	CLAST MODE	CLAST SIZE (cm)	SHAPE	STRIATED	BEDROCK	COMMENTS
95-3196	666402	6116126		Mb/Cb	zDmm	1.50	r	1	S	5	2	cc	x	3	3	0	2	80	b	2	2	80	2.5	2	n/v	*
95-3197	667675	6116236		Ma|Mb	zsDmm	0.60	r	2	SE	5	3	cc	x	2	2	0	1	70	b	3	2.5	15	2.5	2	n/v	*
95-3198	679973	6118248		Mb	zsDmm	0.50	p	3	NE	10	2	cc	x	1	3	1	1	70	b	3	2	20	2.5	2	n/v	
95-3199	679975	6119228		Mb/FG	szDmm	0.60	r	1	NE	10	1	cc	x	2	2	0	1	80	b	4	2	15	2.5	2	n/v	
95-3200	680816	6118197		Mb/Cb	szDmm	0.40	r	1	NE	8	1	s	x	1	2	1	0	60	b	4	1.5	10	2.5	2	n/v	*
95-3202	680948	6117202		Mb	zDmm	0.10	r	1	NE	5	2	cc	x	3	3	0	2	80	lg	2	2.5	15	2	2	n/v	
95-3203	677940	6111449		Cf/Mb	szDmm	1.30	p	4	NW	15	3	cc	x	2	2	1	1	70	b	4	2	10	2.5	1	dio. intr. into pbr	
95-3204	678235	6110448		Mb	szDmm	0.80	p	4	W	15	3	P/cc	x	1	2	1	1	70	b	4	2.5	15	2.5	2	vc br	*
95-3205	679010	6111300		Mb	sDmm	1.00	r	3	NW	10	2	cc	x	2	2	0	1	80	b	1	2	10	2.5	2	grd with minor pyrite	
95-3206	678819	6112252		Mb	zsDmm	2.50	r	3	N	10	2	s	x	2	2	0	1	80	b	3	2	10	2.5	2	p and.	
95-3207	677000	6112732		Ma|Mb	szDmm	1.00	p	2	W	15	3	P	x	2	3	1	2	70	b	4	1.5	15	2.5	2	dio. with epid.	
95-3208	681974	6101242		Mv|R	szDmm	0.40	r	3	E	10	2	s	x	1	2	2	1	75	lb	4	1.2	10	2.5	3	and.	
95-3209	681817	6101841		Cv|Mv	zsDmm	0.40	r	1	NE	10	2	s	x	2	2	1	1	70	b	3	2.5	15	2.5	2	bd chert and zs	*
95-3210	682812	6101819	10	Mb	czDmm	2.50	r	1	NW	10	2	s	x	3	3	0	2	80	g	5	2	15	2.5	2	vc and porphyry	*
95-3211	682812	6101819	20	Mb	czDmm	2.50	r	1	NW	10	2	s	x	3	3	0	2	80	g	5	2	15	2.5	2	vc and porphyry	*
95-3213	684961	6102294		Mb	czDmm	2.50	r	2	N	5	2	s	x	3	3	0	2	80	db	5	2	15	2.5	2	n/v	
95-3214	686027	6102282		Mb	szDmm	3.00	r	1	NE	10	2	s	x	3	3	0	2	80	b	4	2.5	10	2.5	2	and. or ss(fg)	
95-3215	686535	6101005		Mb	csDmm	3.00	r	2	E	5	2	cc	x	3	3	0	2	80	b	5	2	10	2.5	2	n/v	*
95-3216	670864	6106037		Mb	zDmm	1.50	p	3	SW	10	2	s	0.50	1	1	1	0	80	b	2	1.5	10	2.5	1	sil. and.	*
95-3217	671860	6105113		Mb	csDmm	0.40	p	2	SE	5	2	s	x	2	2	0	1	80	lg	3	2	10	2.5	2	n/v	*
95-3218	672545	6104753		LGv|Mb	zsDmm	0.70	p	2	S	1	3	cc	0.28	2	2	0	1	75	lg	3	1.5	10	2.5	1	n/v	
95-3220	686111	6100136		Mb	szDmm	1.00	r	3	SE	10	1	cc	0.25	2	2	0	0	70	b	4	2	15	2.5	3	n/v	
95-3222	685104	6101230	10	Mav|Mb	sDmm	0.70	r	4	N	10	3	s	x	1	2	2	1	80	g b	1	1.5	10	2.5	2	min. sil. ss	*
95-3223	685104	6101230	20	Mav|Mb	sDmm	0.70	r	4	N	10	3	s	x	1	2	2	1	80	g b	1	1.5	10	2.5	2	min. sil. ss	*
95-3224	687137	6098759		Mb	szDmm	1.00	r	2	S	5	1	s	x	3	2	0	1	75	b	4	2	15	2.5	2	n/v	
95-3225	677552	6106053		Mb	czDmm	1.00	r	1	W	5	3	s	x	3	3	0	3	75	dg	5	2	15	2.5	3	n/v	
95-3226	678765	6107386		Mb	czDmm	1.10	r	1	W	10	2	cc	x	3	3	0	2	75	b	5	2.5	15	2.5	2	n/v	*
95-3227	678417	6106755		Mb	csDmm	0.70	r	2	W	2	3	s	x	3	3	0	3	80	g b	5	2	10	2.5	2	n/v	*
95-3229	675625	6115768		Mar|Mbr	zDmm	1.50	p	3	SW	15	3	P/cc	0.20	3	3	0	2	80	b	2	1.5	15	2.5	2	crystal lt:	*
95-3230	677839	6115156		Cv|Mb	scDmm	1.20	p	2	S	5	1	s	0.58	2	3	0	0	80	b	5	2	10	2.5	2	n/v	
95-3231	676471	6114618		Mb	zsDmm	0.50	p	3	SW	10	2	s/cc	x	2	3	0	2	70	b	3	1.5	20	2.5	2	grd	
95-3232	679032	6114958		Mb	scDmm	0.70	p	2	SW	8	2	s	0.55	2	3	1	1	60	o-b	5	2	15	1.5	1		
95-3233	682379	6113257		Mb	zsDmm	0.40	r	2	NE	2	2	cc	x	2	2	0	1	70	b	3	2.5	10	2.5	2	n/v	
95-3234	680018	6115016		Cv|FG|M	csDmm	1.20	p	2	S	2	1	s	0.80	1	2	2	1	60	o-b	5	2	20	2.5	2	n/v	
95-3235	681607	6112622		Mb	zsDmm	0.50	r	2	NE	5	2	cc	x	2	3	0	2	80	g	3	1.5	10	2.5	2	n/v	

ID	UTME	UTMN	Rep	MAP UNIT	MATERIAL	DEPTH (m)	EXPOSURE	TERRAIN	ASPECT	SLOPE (deg)	DRAINAGE	VEGETATION	SOIL	FISSILITY	DENSITY	OXIDATION	JOINTING	MATRIX (%)	COLOUR	TEXTURE	CLAST MODE	CLAST SIZE (cm)	SHAPE	STRIATED	BEDROCK	COMMENTS
95-3236	664530	6107813		Cv|Mv	scDmm	1.20	p	4	SE	10	1	P/s	0.90	0	1	1	0	70	g b	5	2	15	2	2	n/v	
95-3237	681451	6114581		Mb	zsDmm	0.40	r	2	NE	8	2	cc	x	2	3	0	1	70	g	3	1.5	10	2.5	2	n/v	
95-3238	665513	6108237		Cv|Mav	sDmm	1.00	p	4	N	8	3	s	0.70	0	1	2	0	60	o-b	1	1.5	10	2.5	1	ss (fg), zs (fg)	
95-3239	668349	6114322		Mbr	scDmm	1.50	r	2	S	5	2	cc	x	3	3	0	3	80	g	5	1.5	10	2.5	2	n/v	
95-3240	666386	6108089		Cv/Mv	csDmm	0.60	p	4	SW	5	2	s	x	0	1	0	0	90	g b	5	1	50	2.5	1	dio.	*
95-3242	667308	6108636	10	Ma/Mv	zsDmm	0.50	p	2	NE	5	3	s	0.58	0	1	3	0	80	o	3	1.5	10	2	1	n/v	
95-3243	667308	6108636	20	Ma/Mv	zsDmm	0.50	p	2	NE	5	3	s	0.58	0	1	3	0	80	o	3	1.5	10	2	1	n/v	
95-3244	662931	6111416		Mb	zsDmm	1.30	r	2	NW	5	2	s	x	2	2	0	1	80	b	3	2	10	2.5	2	n/v	
95-3245	664027	6112220		Mb/FG	szDmm	2.00	r	2	E	8	1	s	x	3	3	0	2	70	b	4	1.5	15	2.5	2	n/v	
95-3246	677290	6106918		Mav|Mb	scDmm	1.50	p	3	SE	10	3	cc	x	2	3	2	1	85	g - o	5	1	15	1	2	and.	
95-3247	664023	6112205		Mb	zsDmm	1.20	r	2	NE	5	2	s	x	3	3	0	3	80	g	3	1.5	50	2.5	2	n/v	
95-3248	676769	6108376		Mb	zsDmm	0.30	p	2	NW	5	3	cc	x	3	3	0	2	80	b	3	2	15	2.5	2	n/v	*
95-3249	663440	6116242		FG|Mb	szDmm	2.50	r	3	N	10	2	s	x	3	3	0	2	80	b	4	2	30	2.5	2	n/v	*
95-3250	675818	6109714		LGv|Mb	zsDmm	0.60	r	2	W	3	2	s	x	2	2	0	1	70	b	3	2	10	2.5	2	n/v	*
95-3251	664921	6113193		Mb	scDmm	0.50	r	2	W	5	2	cc	x	2	3	0	2	80	g	5	2	100	2.5	2	n/v	
95-3252	676416	6110175		LG|Mb	zDmm	0.20	p	2	W	2	2	cc	x	2	2	1	1	80	lg	2	1	5	2.5	1	n/v	
95-3253	664790	6114000		Mb	zDmm	0.80	r	2	NE	5	2	cc		3	3	0	2	70	g	2	1.5	10	2.5	2	n/v	
95-3254	676299	6110754		Mb	szDmm	1.00	r	2	N	5	3	s	x	3	2	0	3	80	dg	4	1.5	15	2.5	2	n/v	
95-3255	666879	6115072		Ma/FG|Mb	szDmm	0.80	r	3	NW	10	2	cc	x	3	3	0	2	80	g	4	1.5	10	2.5	2	n/v	
95-3256	675564	6111247		Cv|LG	czDmm	1.00	r	2	SW	1	3	as	x	3	3	0	3	60	g	5	2.5	10	2.5	3	n/v	
95-3257	667901	6115568		Ma|Mb	zcDmm	0.20	r	2	NE	5	2	cc	x	3	3	0	2	80	g	5	1	150	2.5	2	n/v	
95-3259	670232	6113810		Mb	zsDmm	0.50	r	1	NE	10	2	s	x	3	3	0	2	80	g	3	2	10	2.5	2	n/v	
95-3260	675695	6120313		Mb	zsDmm	1.20	p	2	SW	5	3	s	x	3	3	0	2	80	b	3	2	10	2.5	2	n/v	*
95-3262	675939	6120883		Ma/Mv	zsDmm	0.90	p	3	SW	10	3	s	0.55	1	2	2	0	75	o-b	3	2	10	2.5	2	n/v	*
95-3263	667853	6119802	10	Mb	zDmm	0.60	p	2	SE	5	2	cc	x	3	3	0	2	70	lg	2	1.5	15	2.5	2	n/v	*
95-3264	667853	6119802	20	Mb	zDmm	0.60	p	2	SE	5	2	cc	x	3	3	0	2	70	lg	2	1.5	15	2.5	2	n/v	*
95-3265	676005	6119287		Mb//Ma	zsDmm	0.90	p	2	N	5	3	s	0.47	1	2	2	0	70	o-b	3	2.5	15	2.5	2	n/v	
95-3266	673000	6119660		Cv|Mv	sDmm	1.00	p	4	N	20	2	s	0.10	1	1	1	0	70	o-b	3	2	10	2.5	2	n/v	*
95-3267	675077	6118842		Ma//Mb	zDmm	0.70	p	3	SE	10	2	s	0.52	0	1	3	0	70	o	2	2	15	2.5	1	n/v	*
95-3268	674267	6118470		Cv|Mb	zsDmm	1.20	r	4	NE	5	1	s	x	2	2	1	1	80	b	3	2	15	2.5	2	n/v	
95-3269	673772	6119596		Mbr	szDmm	1.30	p	3	NW	5	3	s	0.25	1	2	1	0	70	b	4	2	10	2.5	2	n/v	*
95-3270	674064	6120230		Mv	zsDmm	0.40	p	4	W	10	2	s	0.10	1	2	1	0	80	o-b	3	2	10	2.5	1	n/v	
95-3271	684321	6126273		Mb	sDmm	2.00	r	3	W	20	3	s	0.45	2	3	0	2	70	g b	1	2.5	15	2	2	sil. ss	*
95-3273	683070	6124860		Ma/FG|M	szDmm	1.50	r	3	SE	10	3	cc	x	2	3	0	2	80	dg	3	2	10	2.5	2	sil. ss	*
95-3274	673314	6124576		Ma|Mb	sDmm	0.70	p	4	S	2	3	P/s	0.40	1	2	1	2	80	b	1	1.5	15	2.5	1	n/v	

ID	UTME	UTMN	Rep	MAP UNIT	MATERIAL	DEPTH (m)	EXPOSURE	TERRAIN	ASPECT	SLOPE (deg)	DRAINAGE	VEGETATION	SOIL	FISSILITY	DENSITY	OXIDATION	JOINTING	MATRIX (%)	COLOUR	TEXTURE	CLAST MODE	CLAST SIZE (cm)	SHAPE	STRIATED	BEDROCK	COMMENTS
95-3275	671409	6121356		Ma/Mb	szDmm	1.00	p	3	W	9	3	s	0.80	0	1	1	0	60	b	4	2.5	10	2.5	2	n/v	
95-3276	671552	6122254		Mb	szDmm	0.50	p	2	SE	1	3	s	x	2	2	0	2	80	dg	4	2.5	15	2.5	2	n/v	
95-3277	691024	6117393		Mb	cszDmm	2.00	r	3	S	10	3	cc	x	2	3	0	2	80	dg	5	2	10	2.5	2	n/v	*
95-3278	690081	6119935		Mb	zscDmm	1.50	r	1	W	10	2	cc	x	3	3	0	3	75	b	5	2.5	15	2.5	2	n/v	*
95-3279	690153	6118667		Mb/FG	sDmm	0.70	p	2	S	5	3	cc	0.27	2	3	1	2	75	o-b	1	f	5	2.5	1	n/v	*
95-3280	688700	6119390		FG|Mb	szDmm	2.00	r	2	S	2	2	s	x	3	2	0	2	70	dg	4	2.5	30	2.5	3	n/v	*
95-3282	687856	6118230		FGv|Mb	sDmm	1.50	r	1	E	5	2	cc	x	3	2	1	2	80	b	1	2.5	10	2.5	2	n/v	*
95-3283	688571	6126020		Mb	sDmnm	2.00	r	2	E	10	3	s	x	3	3	0	3	80	dg	2	2.5	10	2.5	2	n/v	*
95-3284	688535	6125055		Mb	scDmm	2.00	r	2	E	10	1	s	x	0	3	2	0	90	g-b	5	3	20	2.5	1	ss	
95-3285	688832	6123989		Mb	scDmm	1.00	r	1	SE	5	2	s	x	2	2	0	0	80	dg	5	2	10	2.5	2	n/v	*
95-3286	689166	6122765		FG|Mb	zDmm	2.00	r	1	E	8	1	s	x	2	3	0	1	70	bl	2	2	30	2.5	2	n/v	*
95-3287	688794	6121807	10	FGt|Mb	szDmm	5.00	r	1	E	10	2	s	x	2	3	0	1	80	b	4	1.5	15	2.5	2	n/v	*
95-3288	688794	6121807	20	FGt|Mb	szDmm	5.00	r	1	E	10	2	s	x	2	3	0	1	80	b	4	1.5	15	2.5	2	n/v	*
95-3289	687452	6120555		FG|Mb	zDmm	2.30	r	1	SE	5	2	s	x	3	3	0	3	70	b	2	1.5	15	2.5	2	n/v	*
95-3290	686376	6121022		Mb	czDmm	6.00	r	1	SW	8	2	s	x	3	3	0	2	80	b	5	1.5	10	2.5	2	n/v	
95-3291	687648	6122268		Mb	szDmm	1.50	p	2	SE	5	2	cc	x	3	2	0	2	80	b	4	1.5	15	2.5	2	n/v	*
95-3292	687482	6123619		Mb	zsDmm	0.40	p	4	S	5	3	cc	x	2	2	0	1	80	b	3	1.5	10	2.5	2	bel. zs	*
95-3293	686335	6124903		Cf|Mb	zsDmm	0.60	p	4	SW	10	2	cc	x	2	3	0	1	70	b	3	1.5	10	2.5	2	p dio.	*
95-3294	686581	6124270		Mb	szDmm	1.40	p	4	N	5	3	cc	x	3	3	0	1	70	b	4	2	20	2.5	2	p and.	
95-3296	683295	6122493		FG|Mbr	sDmm	1.50	p	1	S	2	2	cc	15.00	1	2	1	0	60	g	1	2	15	2.5	2	asic. p dio.	*
95-3297	684275	6122469		FG/Mb	szDmm	1.50	r	1	N	8	2	cc	x	2	3	0	1	70	b	4	2	10	2.5	2	asic. p and.	*
95-3298	685558	6121868		FG|Mb	zDmm	2.00	r	1	SW	2	3	cc	x	2	2	0	1	70	b	2	2	15	2.5	2	n/v	*
95-3299	684696	6125089		Mb	szDmm	1.20	r	2	SW	5	3	cc	x	2	3	0	2	80	g	4	2	10	2.5	2	n/v	*
95-3300	685880	6123939		Mb	szDmm	2.10	r	1	SW	8	3	s	x	2	3	0	2	70	b	4	1.5	10	2.5	2	ss (c)	*
95-3302	686741	6123194		Mb	szDmm	0.50	r	2	SW	8	2	s	x	2	2	0	1	80	b	3	1.5	10	2.5	2	sst and zs	
95-3303	686710	6122226		Mb	szDmm	1.20	r	2	SW	5	2	cc	x	3	3	0	2	80	b	4	1.5	15	2.5	2	n/v	*
95-3304	687052	6119061		Mbr	szDmm	1.00	p	1	NE	5	3	cc	x	2	3	0	1	70	b	4	1.5	15	2.5	2	n/v	*
95-3305	685976	6119897		Mb	zDmm	1.80	r	2	SE	5	2	cc	x	2	2	0	1	75	ol. b	2	2	15	2.5	2	felsic	*
95-3306	685535	6114730		FGb|Mb	zsDmm	2.00	p	2	S	1	3	cc	x	3	3	0	3	80	b	3	2.5	15	2.5	3	n/v	*
95-3307	685558	6115677		Mb	sDmm	5.00	r	1	S	10	3	s	x	3	3	0	3	75	b	1	2.5	20	2.5	3	n/v	*
95-3308	684669	6116024		Mb	csDmm	2.00	r	2	S	2	2	cc	x	2	3	0	3	80	dk.g	5	2	10	2.5	2	n/v	*
95-3309	683837	6117307		Mb	czDmm	0.40	r	2	S	2	1	cc	x	2	2	0	2	80	dg	5	2.5	20	2.5	2	n/v	*
95-3310	686395	6116787		Mb	csDmm	0.60	p	2	NE	5	2	cc	x	2	2	0	2	80	dg	5	2	10	2.5	2	n/v	*
95-3311	685277	6116961		Mb	zsDmm	1.10	r	2	S	2	1	s	x	3	2	0	2	80	b	3	1.5	10	2.5	2	n/v	*
95-3312	674566	6125604		Ma|Mb	czDmm	0.60	p	3	NE	2	2	s	x	2	3	1	2	80	dg	5	2.5	10	2.5	2	n/v	*

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95-3313	675460	6124157	10	Mb	sDmm	1.50	r	1	NE	10	2	cc	x	3	3	0	3	75	b	1	2.5	15	2.5	2	n/v	*
95-3314	675460	6124157	20	Mb	sDmm	1.50	r	1	NE	10	2	cc	x	3	3	0	3	75	b	1	2.5	15	2.5	2	n/v	*
95-3316	676478	6124503		FG|Mv	sDmm	1.00	r	1	NE	10	3	s	x	3	2	1	0	90	tan	1	1	10	2	2	siliceous ss	*
95-3317	678116	6122675		FG|Mv	sDmm	1.00	r	1	NW	5	3	P/s	x	2	2	1	0	80	lb	1	1	10	2	2	siciceous ss	
95-3318	680521	6121716		Mb/FG	sDmm	0.70	r	1	S	2	2	s	x	1	2	1	1	70	dg	1	2	10	3	2	n/v	*
95-3319	682033	6121206		Mb	csDmm	3.00	r	1	SW	2	2	s	x	3	3	0	3	80	dg	5	1.5	10	2.5	2	n/v	*
95-3320	672043	6122992		Mb	szDmm	1.00	r	2	NW	5	2	s	x	1	2	1	1	80	dg	4	2.5	15	2.5	2	n/v	
95-3322	672713	6123847		Mb	szDmm	0.40	r	2	NW	5	3	s	x	2	2	0	2	80	dk.g	4	2	10	2.5	2	n/v	*
95-3323	683021	6120026		Ma|Mb	csDmm	0.60	r	1	SW	2	1	s	x	1	2	0	1	80	dg	5	1.5	10	2.5	2	n/v	*
95-3324	683010	6118462		FG|Mb	sDmm	1.00	r	1	N	5	1	s	x	3	2	0	0	80	b	1	1	10	2	2	n/v	*
95-3326	683005	6121098		Ma|Mb	sDmm	0.90	p	1	S	2	3	s	0.85	0	2	2	0	80	b	1	1.5	10	2.5	2	n/v	*
95-3327	684477	6119658		Mb	sDmm	0.70	r	1	SE	2	1	cc	x	1	2	0	2	75	b	1	1.5	30	2.5	3	n/v	*
95-3328	684686	6118445	10	FG|Mb	zsDmm	0.60	r	1	SE	2	3	s	x	1	2	0	0	75	dg	3	2.5	200	2.5	3	n/v	*
95-3329	684686	6118445	20	FG|Mb	zsDmm	0.60	r	1	SE	2	3	s	x	1	2	0	0	75	dg	3	2.5	200	2.5	3	n/v	*
95-3330	684981	6103654		Mb	szDmm	0.40	r	2	SE	8	1	cc	x	3	2	0	1	80	g	4	1.5	10	2.5	2	n/v	
95-3331	683911	6101875		Mb	czDmm	2.00	r	3	NW	10	2	cc	x	3	3	0	2	80	b	5	2	15	2.5	2	n/v	*
95-3332	683384	6100893		Cv|Ma	zsDmm	0.70	p	4	N	10	3	s	0.70	0	1	3	0	80	o	3	1	10	1.5	1	n/v	*
95-3333	677211	6115343		Mb	csDmm	0.70	p	2	S	5	2	s	0.35	2	2	0	1	80	dg	5	2	10	2.5	2	n/v	
95-3334	669144	6115022		Mb	szDmm	1.30	r	2	SE	5	2	cc	x	3	3	0	3	80	g	4	1	15	2.5	2	n/v	*
95-3335	677758	6101883	10	LG|Mb	czDmm	1.30	r	2	W	5	3	cc	x	3	3	0	3	80	g	5	1.5	15	2.5	2	n/v	*
95-3336	677758	6101883	20	LG|Mb	czDmm	1.30	r	2	W	5	3	cc	x	3	3	0	3	80	g	5	1.5	15	2.5	2	n/v	*
95-3337	673230	6116021		Mb	szDmm	1.20	r	1	W	8	3	as	x	2	3	1	2	70	g	4	2	15	2.5	1	n/v	
95-3338	672830	6117721		Mb	zsDmm	0.45	r	1	W	15	3	as	x	1	2	0	0	60	g	3	2	10	2.5	1	n/v	*
95-3342	676785	6100567		Mb	zcDmm	0.50	r	2	E	8	3	s	x	3	3	0	2	70	b	5	1.5	10	2.5	2	n/v	*

* COMMENTS

ID	UTME	UTMN	Comments
95-3003	661957	6123162	striae-152 to 162 (50m north)
95-3004	673220	6118884	slightly washed till
95-3008	661134	6103109	A good till
95-3009	660007	6103209	oxidation around clasts
95-3010	662837	6101555	good till
95-3011	661788	6102043	Upper 50 cm reworked
95-3012	661562	6100722	root and organic matter abundant
95-3014	670140	6098344	Good basal till 20cm above bedrock
95-3015	669294	6099165	Dense basal till
95-3016	669670	6099948	Very good till on unmarked road
95-3017	668063	6099042	Clay over till.
95-3018	668008	6098138	Dense basal till
95-3019	666735	6099756	Numerous meltwater channels. Dense basal till
95-3020	666757	6098293	May be reworked in situ; near meltwater channels
95-3027	664524	6099050	Clay-rich till
95-3029	676176	6123011	Till oxidized along joint faces
95-3030	676985	6123689	Dense basal till
95-3031	676985	6123689	Dense basal till
95-3032	663015	6100169	Silicified clasts; altered rhyolite with bornite and pyrite
95-3033	662759	6099195	Very stony till
95-3035	660516	6098949	Dense basal till
95-3036	660516	6098949	Dense basal till
95-3038	672095	6108760	Drumlinoid ridge draped by glaciolacustrine clays
95-3039	672484	6110063	Ridge above swampy area. Washed till
95-3040	672484	6110063	Not so washed till
95-3043	661260	6115702	Pebble rich clay near lake. Diamicton on slope
95-3044	662531	6115444	Quite wet
95-3045	663568	6114881	Clayey till
95-3047	662917	6117211	Dark blue grey till surrounding most clasts (siltstone). MgO?
95-3048	659434	6111161	See section: sand and clay interbeds
95-3067	670630	6112895	Dense basal till
95-3068	670630	6112895	Dense basal till
95-3072	663851	6125339	Noticeable sand component to matrix
95-3078	663918	6118603	Excellent till
95-3098	679733	6101532	Washed till
95-3106	678091	6103439	Noticeable sandy component
95-3114	686430	6108760	whalebacks oriented ca. 140
95-3119	683556	6111042	mineralization: disseminated pyrite
95-3122	681260	6109632	striae at 290, 278, 250, 240
95-3123	681260	6109632	striae at 290, 278, 250, 240
95-3124	681997	6110243	patchy mineralization: disseminated pyrite
95-3128	682271	6105338	striae: 100, 120, 139, 140, 150, 164
95-3129	681389	6106416	mineralization: disseminated pyrite
95-3132	685783	6103325	good till
95-3145	691184	6103389	possibly resedimented till
95-3146	679528	6113227	mineralized float: sediments with sulphides
95-3149	677136	6114504	mineralized float: pyrite, chalco, bornite
95-3151	675879	6113687	sandy
95-3153	674840	6114133	lake-reworked till
95-3154	673916	6114157	very large boulders over lake sediments nearby
95-3156	673884	6113346	huge boulders on surface
95-3160	683487	6112439	mineralized float: trace pyrite and epidote alteration
95-3163	685723	6111776	drumlinoid ridge oriented 150
95-3168	685359	6106568	mineralized float: disseminated pyrite in silicified sst.
95-3169	685359	6106568	mineralized float: disseminated pyrite in silicified sst.
95-3172	685459	6105252	mineralized float: chal. and pyr. in andesite. Striae 102-104. Roche moutonee 106.
95-3174	670477	6119744	significant bedrock mineralization: chal., pyr and born.
95-3175	671360	6118996	bedrock locally mineralized: pyrite
95-3179	679049	6122365	striae: 130, 106, 110
95-3180	677793	6099215	mineralized bedrock; mineralized float:pyr in felsics
95-3185	665671	6122241	till overlies weathered bedrock
95-3190	668253	6117845	mineralized andesite and siltstone: diss. pyrite
95-3191	668253	6117845	mineralized andesite and siltstone: diss. pyrite
95-3192	665028	6118367	mineralized andesite and siltstone: diss. pyrite
95-3193	666377	6118240	mineralized siltstone: diss. pyrite
95-3196	666402	6116126	min. andesite: pyrite mineralization along fractures
95-3197	667675	6116236	2m chert pebble congl. boulders
95-3204	678235	6110448	ice-streamlined ridges oriented ca.170
95-3209	681817	6101841	mineralized float
95-3210	682812	6101819	mineralized bedrock: disseminated pyrite
95-3211	682812	6101819	mineralized bedrock: disseminated pyrite
95-3215	686535	6101005	mineralized : pyrite in altered felsics
95-3216	670864	6106037	disseminated pyrite in 30% of float
95-3217	671860	6105113	diss. pyrite in 5% distal felsics
95-3222	685104	6101230	disseminated chalco and pyrite
95-3223	685104	6101230	disseminated chalco and pyrite
95-3226	678765	6107386	disseminated pyrite in diorite float
95-3227	678417	6106755	bornite in silicified sandstone
95-3229	675625	6115768	massive pods of magnetite /phyrotite in outcrop
95-3240	666386	6108089	boulders have finely disseminated pyrite
95-3266	673000	6119660	rare disseminated pyrite in 50 % of clasts
95-3269	673772	6119596	washed basal till
95-3271	684321	6126273	disseminated pyrite
95-3273	683070	6124860	mineralized float
95-3282	687856	6118230	mineralized float.
95-3287	688794	6121807	mineralized clasts
95-3288	688794	6121807	mineralized clasts
95-3296	683295	6122493	striae 130
95-3300	685880	6123939	striae 162-165
95-3308	684669	6116024	mineralized BFP
95-3311	685277	6116961	mineralized float
95-3319	682033	6121206	mineralized float
95-3326	683005	6121098	mineralized clasts
95-3327	684477	6119658	mineralized clasts
95-3328	684686	6118445	mineralized clasts and boulders
95-3329	684686	6118445	mineralized clasts and boulders
95-3331	683911	6101875	mineralized float
95-3332	683384	6100893	mineralized float
95-3338	672830	6117721	colluviated till