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Assessment Report

On the

Trail-Minto Claim Group

MIN1-90
RT1-194

Describing a

2012 Geophysical Interpretation and Geochemical Surveys and Interpretation

105M 12/13

Latitude 63.83881N, Longitude 135.83738E

In the

Mayo Mining District
Yukon Territory

By

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and V. N. Rampton, Ph.D., P.Eng

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Introduction

The Trail-Minto Claim Group (the "Property") is owned by Mayo Lake Minerals Inc.("MLM") The Property is located north of Mayo (Figure 1) and southwest of the Keno Hill District, which has produced over 200 million ounces of silver from veins cutting Mississippian quartzite and schist. The Property lies in the northeastern portion of the Tintina Gold Belt, a 2100 km long zone of gold and silver deposits extending across central Alaska and Yukon. Nearby deposits include Dublin Gulch (6.4Moz Au), Keno Hill (20.5Moz Ag), Red Mountain (1.3Moz Au) and Marge (Au, Ag, Cu, Pb, and Zn).

This report outlines (i) the geophysical interpretation of an airborne magnetic survey in preparation for a prospecting and geochemical survey undertaken between July 17, 2012 and August 6, 2012 over the Property; and (ii) the results, interpretations, conclusions and recommendations from the prospecting and geochemical survey. The geophysical interpretation of data by Geo Digit-Ex ("GDX") for MLM resulted in areas to target during geochemical survey operations. Field work was completed by Breakaway Exploration Inc. and MLM personnel. Soil, silt and rock samples were collected; subsequently processed by Acme Analytical Laboratories Ltd. in Whitehorse and analyzed by Becquerel Laboratories Inc. in Mississauga Ontario using neutron activation for a suite of 35 elements including Au and Ag. Rock samples were additionally analysed using ICP-MS following a 4-acid digestion by Acme Analytical Laboratories Ltd.

Location and Access

The Property consists of 284 contiguous claims totaling 56 km^2 and is located approximately 14 kilometers north of Mayo, Yukon, Canada on NTS map sheets 105M 12/13. The claims are registered in the Mayo Mining district under the name of Mayo Lake Minerals Inc. The claims are listed in Table 1 below with their location shown on Figures 1 and 2.

Grant number	Claim Name	Map sheet	Group Name
YD19951-YD19992	MIN1-MIN42	105M 12/13	Trail Minto
YE25243-YE25290	MIN43-MIN90	105M 12/13	Trail Minto
YE25501-YE25600	RT1-RT100	105M 12/13	Trail Minto
YD20001-YD20031	RT101-RT131	105M 12/13	Trail Minto
YD105952	RT132	105M 12/13	Trail Minto
YE31593-YE31600	RT133-RT140	105M 12/13	Trail Minto
YD72781-YD72800	RT141-RT160	105M 12/13	Trail Minto
YD72681-YD72698	RT161-RT178	105M 12/13	Trail Minto
YD72629-YD72640	RT179-RT190	105M 12/13	Trail Minto
YE79601	RT191	105M 12/13	Trail Minto
YE79602	RT192	105M 12/13	Trail Minto
YD72779	RT193	105M 12/13	Trail Minto
YD72780	RT194	105M 12/13	Trail Minto

Table 1: Claims comprising the Trail-Minto Claim Group

Trail-Minto
Claim Group

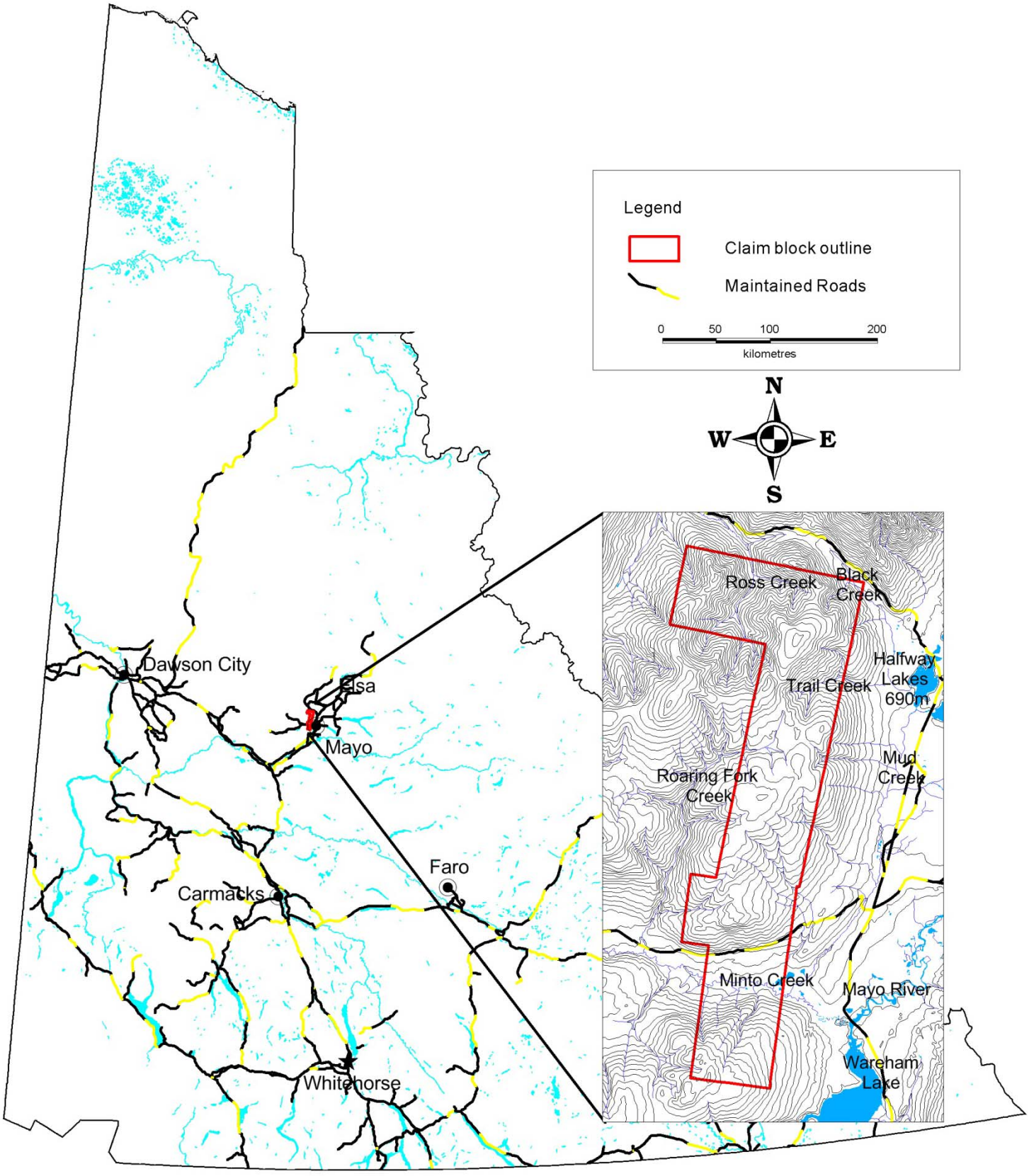


Figure 1: Location of Trail-Minto Property

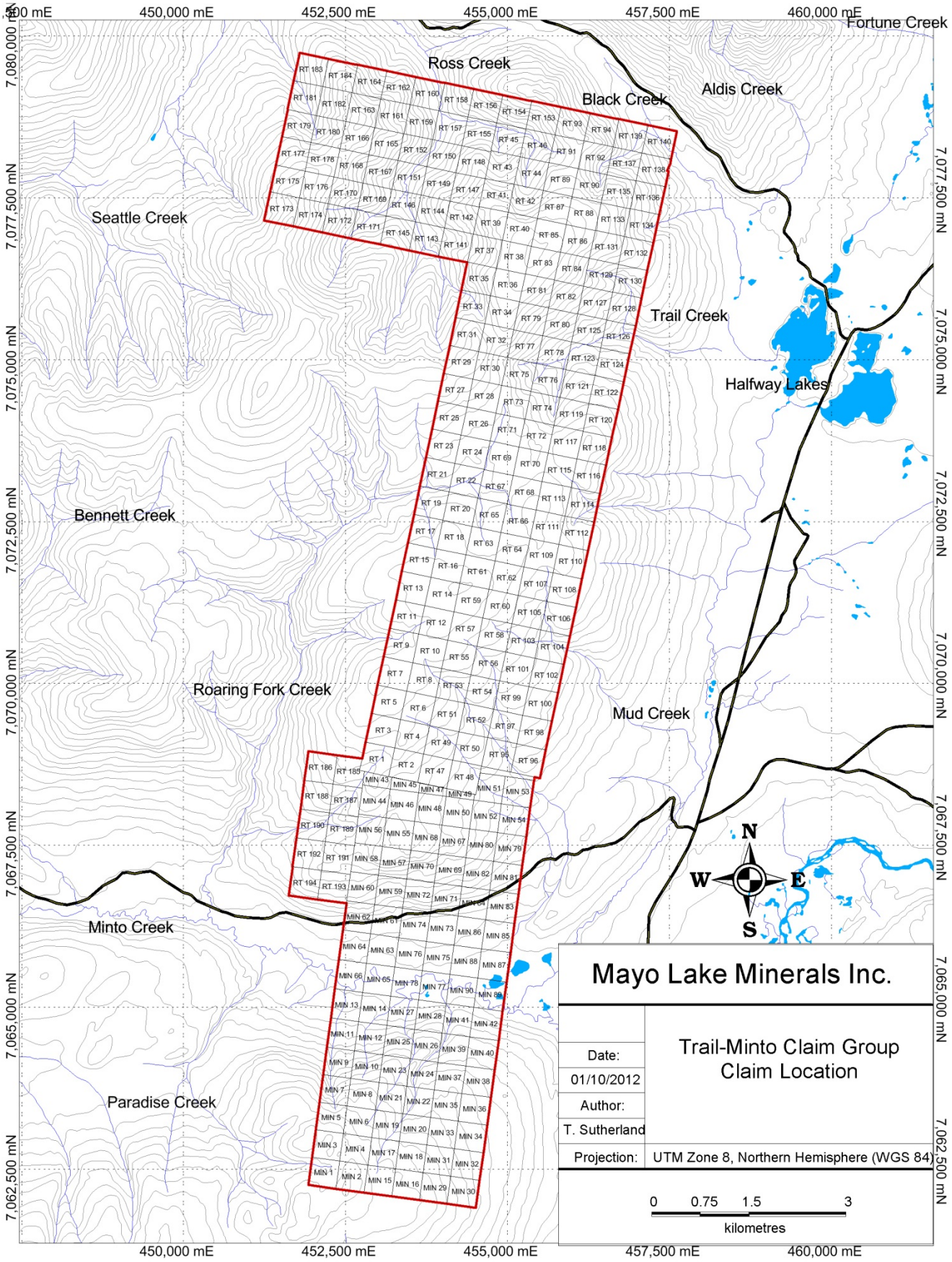
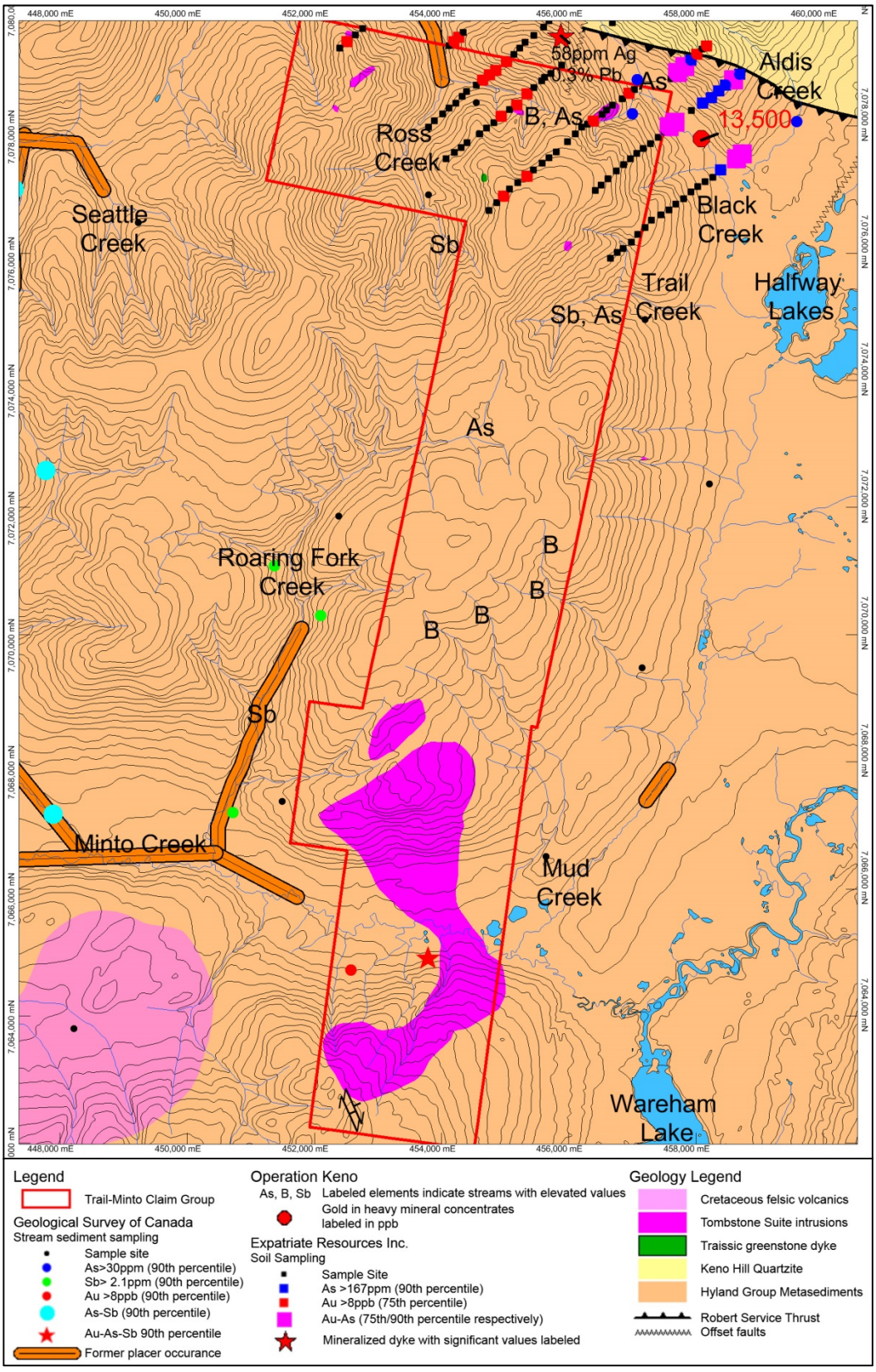


Figure 2: Claim map

Access is provided by two pre-existing, four-wheel drive roads that cut across the northern and southern edges of the claim group, and connect to a government-maintained, gravel highway (Silver Trail) 2.5 km east of the property. The Silver Trail connects with the Yukon's paved or chip-sealed highway network at Mayo (Figure 1).



Previous Work

Early in 2012 MLM undertook an airborne geophysical survey that saw the acquisition of high quality magnetic data (Rampton and Sutherland 2012). Prior to the survey by MLM, previously reported work consisted of government geological, geochemical and geophysical surveys, soil sampling above Black and Ross creeks, and extensive placer mining along Minto Creek.

The earliest regional mapping in the Mayo Lake area was undertaken by H.S Bostock in 1947. Early work by Bostock was followed from 1952 to 1965 by numerous workers who mapped and published geological maps; these included L.H Green et.al (1972), R.W Boyle (1964), and E.D Kindle (1962) with contributions by C.F Gleeson (Boyle 1964). Mapping was reinitiated

Figure 3: Previous work completed on the Trail-Minto Claim Group

Survey	Regional Stream Geochemistry Program 1987	Expatriate Resources Inc. 2004
Threshold value Au	8ppb	8ppb
Threshold value As	30ppm	167ppm
Threshold value Sb	2.1ppm	N/A

Table 2: Threshold of anomalies from previous sampling programs

in the early 1992 by J.A Hunt et al. (1996), D.C. Murphy et al. (1996) and C.F Roots (1997); in addition to fieldwork they integrated numerous geological publications dating from 1920 to 1996. Roots' work resulted in a regional map at 1:250,000 scale (Roots 1997). Surficial mapping was undertaken by Hughes (1983) in 1964 and 1979 and more recently by Bond (1999).

Operation Keno headed by Dr. C.F. Gleeson of The Geological Survey of Canada ("GSC") was completed in 1968 (Gleeson et al 1965-1968, Gleeson 1980a, Gleeson 1980b). It centered on Keno Hill and consisted of stream sediment, water, heavy mineral and lithogeochemistry programs. Creeks north of Minto Creek were sampled (Figure 3) and scattered Au, As, Sb and B anomalous values were identified; one sample returned 13,500 ppb Au in heavy mineral concentrates from Black Creek.

The threshold value of a 90th percentile anomaly for select elements from successive programs is shown in Table 2.The Property was again stream sediment sampled by the GSC in 1986-87 (Hornbrook 1987). This program consisted of over 3000 samples in an area approximately 200km from east to west and 50km-150km north to south. Silt samples from this program from Roaring Fork Creek (Figure 3) were within 90th percentile for antimony, samples from Black Creek were in the 90th percentile for arsenic and samples from streams draining into Minto Creek were in the 90th percentile for Au, As, & Sb. Due to the widely spaced samples, this program is of limited use to delineate specific exploration targets.

Initial interest in the north end of the Property was prompted by discovery of minor amounts of argentiferous galena float on trend with the Mount Haldane vein system. This work culminated with discovery of a 4 m wide porphyry dyke that is strongly mineralized with disseminated arsenopyrite. A specimen of this material taken from a trench (Figure 3) in 1978 assayed 58.0 g/t silver and 0.3% lead with 3 ppm tungsten and 19 ppm tin. Dykes of similar character have been located on the property, but no analyses have been reported.

In 2000 Expatriate Resources Ltd. ("ER") completed a soil sampling program centered on the north of the Trail Minto Claim group. This program consisted of eight lines spaced 1km apart with samples taken at 100m intervals and a small grid with samples at 100mx50m spacing centered on the previously identified mineralized porphyry dyke. The southern extent of this program delineated a 3km x 0.5km northwest trending Au anomaly (Au > 8ppb) (Figure 3). The small grid centered on the porphyry dyke returned only moderately anomalous results generally not centered on the identified dyke.

Historical placer mining on the Property occurred along several creeks (Figure3). Currently only the main channels of Roaring Fork, Minto and Mud creeks have active placer claims. Historically Minto Creek produced more than 1508 oz of gold between 1874 and 2000 (Lebarge 2002).

Geomorphology

The Property covers the highlands sourcing Ross Creek and Black Creek in the north to the highlands south of the valley containing Minto Creek (Figure 1). South of Trail Creek most creeks have narrow valleys with moderate to steep slopes and ridge crests are broad with moderate slopes. North of Trail Creek valleys are steeply incised and ridge crests are narrow. Creeks draining the property are all part of the Yukon River watershed.

The area has been subjected to multiple glaciations (Hughes 1983); though it lies beyond the western limit of the most recent, pliestocene glaciation. The McConnell Glaciation whose western margin occupied the Mayo River, Mud Creek, Halfway Lakes valley immediately east of the Property. During the older Reid Glaciation, Minto Creek and Black Creek were filled with fast westward flowing ice (Bond 1999). Minto Creek is now filled with glacial drift and more recent alluvium. The uplands were covered by glacial ice during the older Reid glaciation. The surface cover is mapped as a mixture of colluvium and till. Due to the elevation of the upland, the ice was probably cold-based and transport of rock and debris was minimal as is evidenced by landforms. The preservation of cryoplanation terraces as noted nearby within the Reid glacial limit suggests little erosion of ground on the uplands here. There is evidence that patches of buried colluvium and alluvial benches may be representative of the Reid and older Pleistocene glaciations.

Outcrop is sparse on the property, rarely exceeding 5% in any area. Soil development is immature with Pleistocene glaciers have deposited variable thicknesses of till on others.

Vegetation is predominantly black spruce with willow and alder understorey. Lowlands and north facing slopes exhibit a thick cover of organic matter, moss and Labrador tea. Southern slopes are similarly vegetated but also include balsam and poplar groves. Permafrost is likely pervasive on north facing slopes but discontinuous on south facing exposures.

Regional Geology and Mineralization

The Property is located within the Selwyn Basin in the Tintina Gold Belt. Simplified regional geology as shown on Figure 4 depicts Upper Proterozoic to Lower Cambrian Hyland Group stratigraphy in contact with Paleozoic metasedimentary units of the Ern Group and Keno Hill Quartzite along the Robert Service Thrust (“RST”). Mid-Triassic mafic sills and greenstones are common within the Keno Hill Quartzite and Ern Group, but are rarely encountered in other units. All stratigraphic units have been intruded by the Mid-Cretaceous age Tombstone Plutonic Suite, which host several known gold deposits including Dublin Gulch, which hosts an open pit resource of 6.4 million ounces of gold at a grade of 0.67g/t. The 100km^2 Roop Pluton, west of the Keno Hill Camp, is the largest member of the Tombstone Plutonic Suite and probably drove hydrothermal circulation leading to the mineralization at Keno Hill as referenced by Roots (1997).

The dominant structural features in the area are a pair of imbricated thrust sheets; the RST and the Tombstone Thrust Sheet have over 150km of combined NE directed transport of rock masses. The RST Sheet itself contains many internal thrusts that are commonly difficult to distinguish due to subsequent

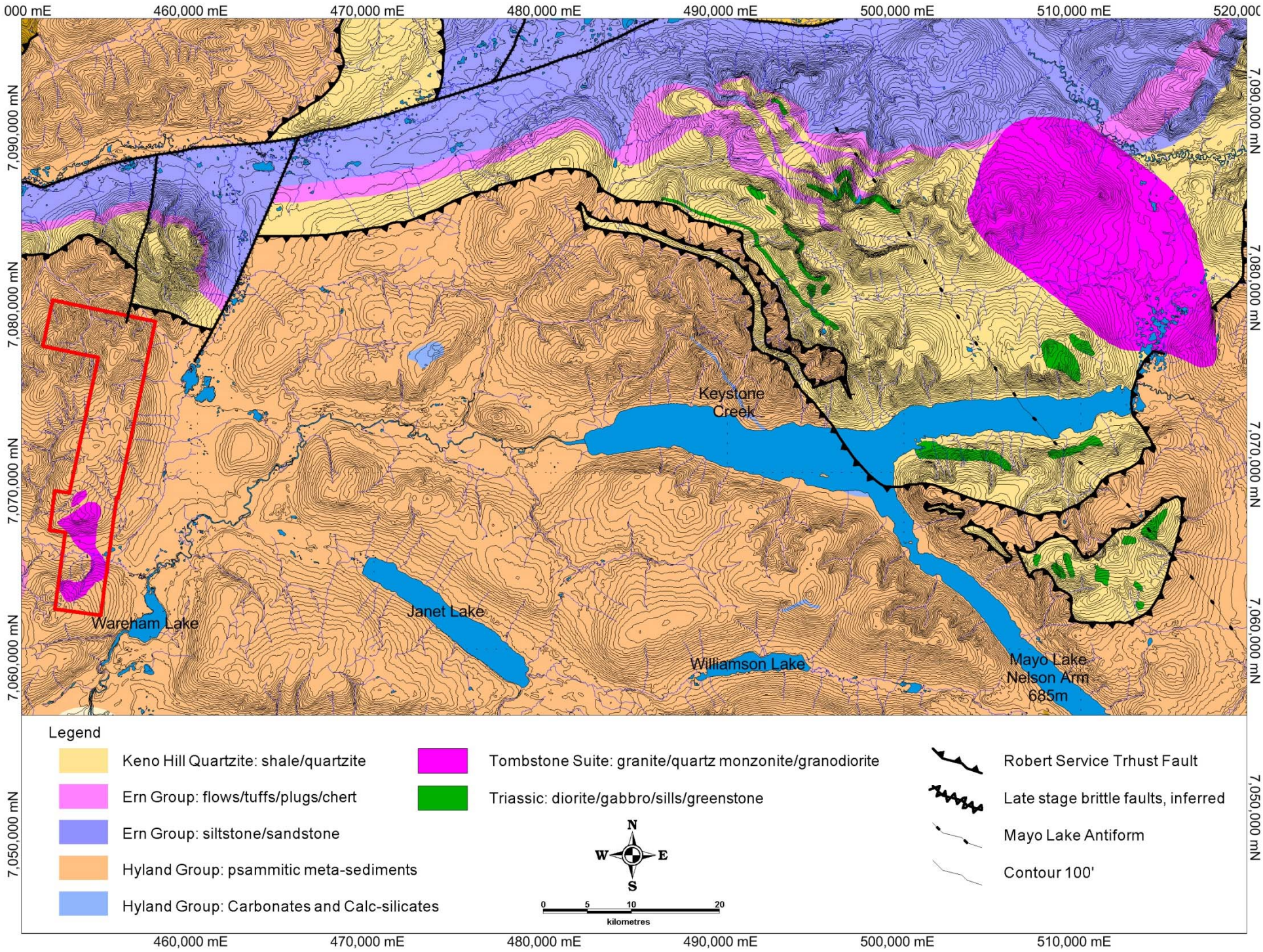


Figure 4: Regional Geology

intense folding of faults and contacts and a strong penetrative structural fabric imparted by the later underlying Tombstone Thrust; the area deformed during this event is often referred to as the Tombstone Strain Zone. Intense folding is especially evident in units immediately around Keno Hill. Large open folds, the McQueston Antiform (E-W) and Mayo Lake Antiform (NW-SE), and several inferred brittle faults were developed after the large thrusting events (Roots 1997).

Abundant historical work focused in and around Keno Hill led to a separate nomenclature in which the Hyland Group was deemed the Upper Schist and the Ern Group was deemed the Lower Schist (Green 1971). This coincides with early inferences that the Upper Schist (Hyland Group) was younger than the Lower Schist (Ern Group). The term “Keno Hill Quartzite” is well developed in literature, though internal folding and imbrication have prevented the description of a type section or measurement of unit thickness thus far, therefore the formation status of the unit remains informal. Stratigraphically it lies immediately above the Ern Group. Green, 1971, includes a large meta-volcanic unit at the base of the Keno Hill Quartzite; this is likely the topmost unit of the Ern Group (Murphy 1997, Roots 1997) though Roots (1997) also includes this as the basal unit of the Keno Hill Quartzite at Keno Hill. The genesis of a large metavolcanic unit containing the Marge Deposit to the northeast remains uncertain though is normally associated with the Keno Hill Quartzite.

Mineralization within the Tintina Gold Belt is primarily the result of intrusion related gold systems(“IRGS”); these large epizonal systems result in variable deposits that on the surface may appear unrelated. The most distal mineralization associated with these felsic intrusives are polymetallic Ag-Pb-Zn veins (Keno Hill Type). This mineralization represents the furthest extent of hydrothermal influence related to these intrusions and may occur many kilometers from the source stock (Figure 5). Consensus is that Keno Hill Type Veins (“KHTV”) are the product of hydrothermal circulation in reactivated structures driven by the emplacement of the Roop Lakes Stock, up to twenty kilometers away. These veins are generally within the Keno Hill Quartzite, but are inferred to cut through the RST and continue into the overlying Hyland Group. Detailed maps (Murphy 1997) indicate abundant narrow Cretaceous dykes related to the Tombstone Suite in the vicinity of Keno Hill could be an alternate heat engine or fluid source. In addition to Ag, Pb and Zn, other vectors for KHTV include Ba and Cu and in some cases Sb, Fe and Ca.

At intermediate distances from source plutons, As-Sb-Au veins develop and have been the subject of minor exploration around Van Cleaves Hill, west of Mayo Lake.

Proximal mineralization associated with Tombstone intrusives are sheeted gold veins or stockworks within the rim or immediately adjacent to Tombstone Suite plutons. Intrusion related mineralization itself is generally (i) enriched in Au-Bi-Te, possibly W; (i) depleted in base metals and (iii) situated in tensional zones of the stock.

Where hydrothermal circulation contacts carbonate lithologies skarnification is common, such as at the Ray Gulch tungsten skarn near Dublin Gulch. These skarns are generally high in Au-W-Cu-Zn. Skarnification of rocks surrounding Tombstone suite intrusions will result in hydrothermal signatures different from those illustrated in Figure 5.

In the Keno Hill Camp historical deposits were focused in close proximity to or cutting into the Robert Service Thrust ("RST"); Dublin Gulch is also located within 10km of the RST. This proximal relationship to crustal scale features appears to be common among deposits in the Tintina Gold Belt. Carlin-type, sediment hosted disseminated gold mineralization is almost exclusively developed proximal to crustal scale faults such as the RST, possibly independent of any intrusive unit. Carlin-type mineralization could be present in any carbonate units within the strata on the Property and will probably show Au-As-Hg-Sb signatures.

The Keno Hill silver camp has produced over two hundred million ounces of silver since 1921. Productive veins occur in the Keno Hill Quartzite and underlying Lower Schist. Although faults with associated mineralization ("mineralized faults") are believed to cut through the RST and continue into the Hyland Group, no significant silver mineralization has been discovered above the RST. Ore shoots within the veins typically consist of galena, sphalerite and tetrahedrite with siderite or quartz gangue. The mineralized faults trend northeast and dip steeply to the southeast with left lateral offsets ranging from a few metres to over a hundred metres (Boyle 1965). Cross faults offsetting the mineralized faults trend perpendicular to them and dip 20^{o} to 30^{o} to the southwest.

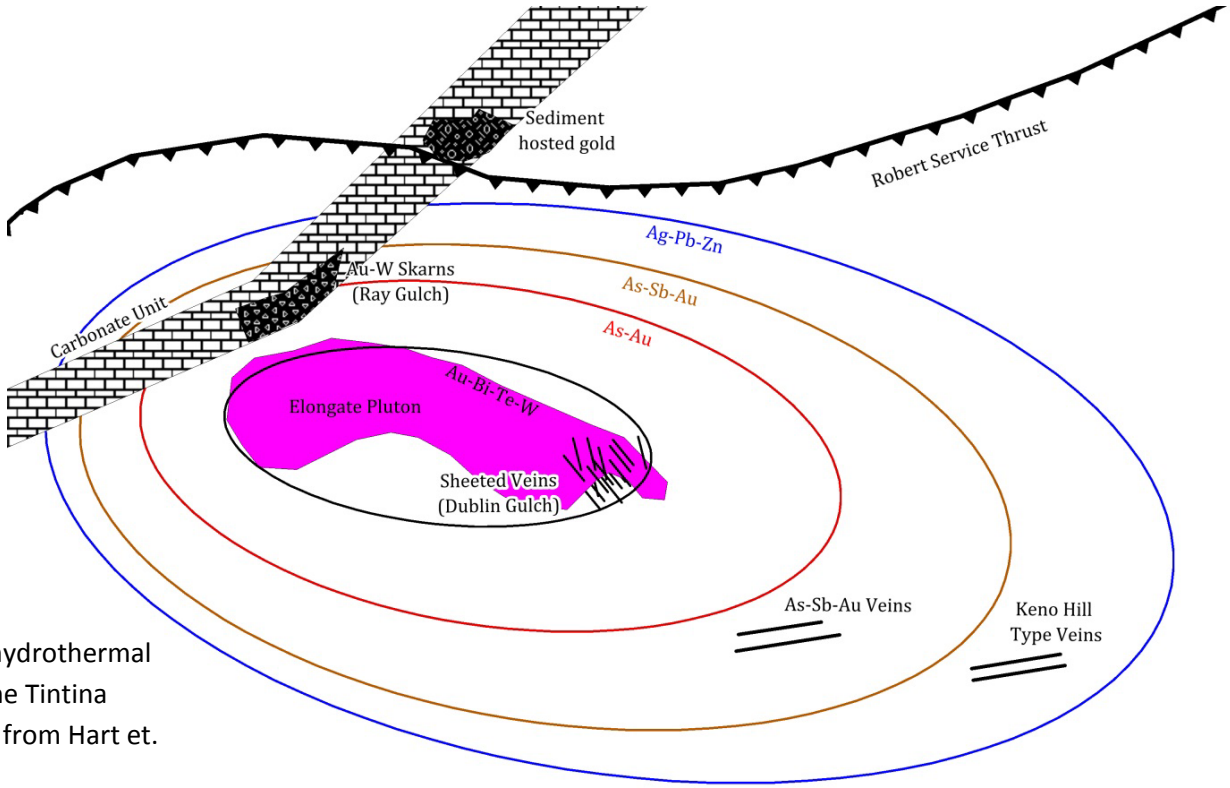


Figure 5: Idealized hydrothermal model for IRGS in the Tintina Gold Belt (modified from Hart et. al 2002)

Two major gold gold occurrences are located within 25km of the Property. Dublin Gulch and Gold Dome, formerly Scheelite Dome, are intrusions of the Tombstone Plutonic Suite with high tonnage low grade gold mineralization in sheeted veins primarily in the stock but penetrating short distances into surrounding Hyland Group metasedimentary rocks. The largest, most advanced project is Dublin Gulch where a definitive feasibility study has been completed; it hosts an open pit resource containing 6.4 million ounces of gold.

Property Geology

The Property's geology is shown on Figure 6.The Property is underlain by phyllites, schists and carbonates of the Hyland Group metasediments south of the RST. Most stratigraphy has bedding parallel to foliation, which strikes southeast (Roots, 1997) and dips between 45° and 70° to the west.

Stratigraphy

Hyland Group, which is locally mapped as the Yusezyu Formation, consists of compositionally layered medium to coarse-grained micaceous quartzose phyllite; muscovite-chlorite gritty phyllite; green and grey impure quartzite; metaconglomerate; and rare calcsilicate (Roots 1997). Locally biotite schists are common.

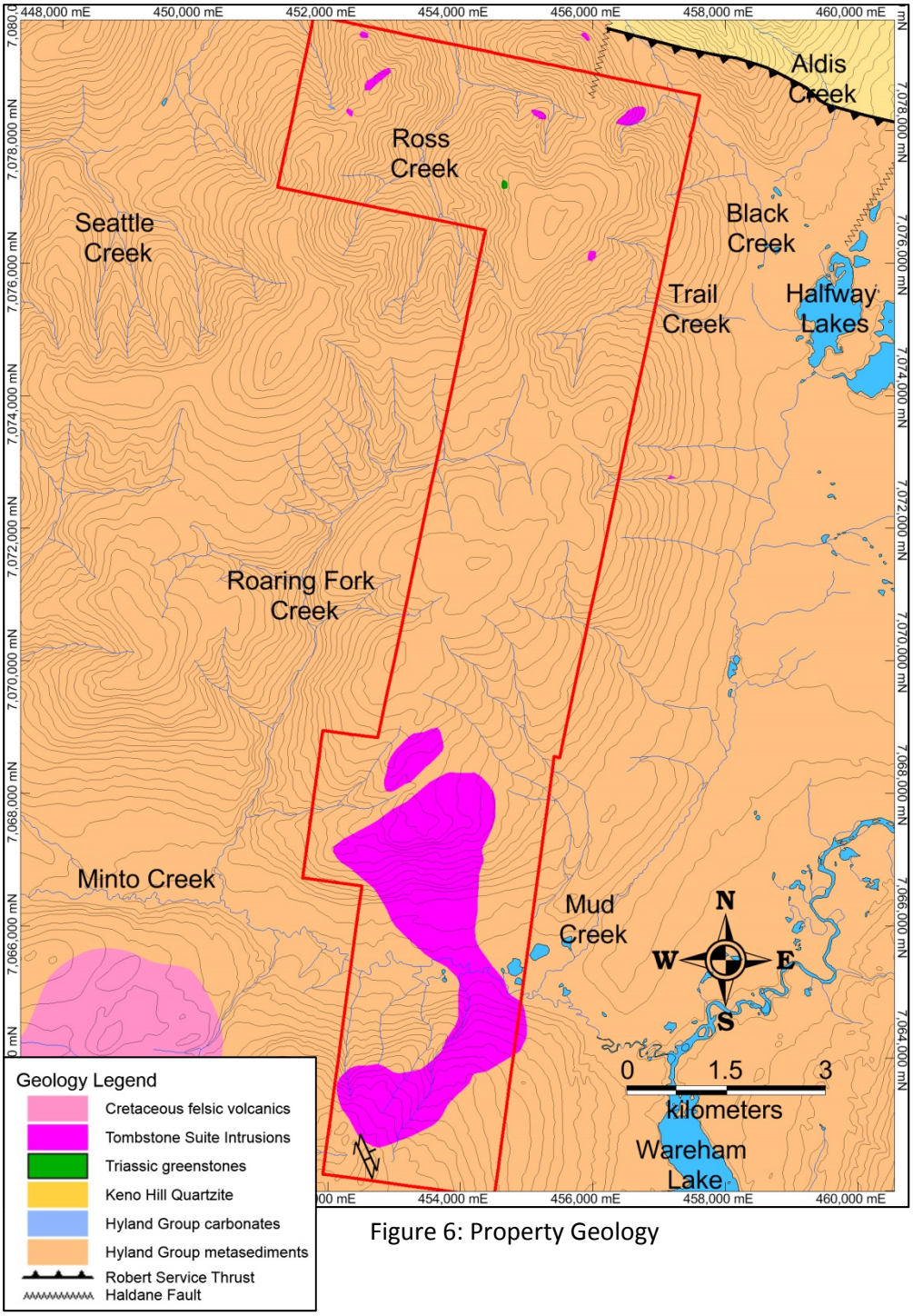


Figure 6: Property Geology

Intrusions

There is a 7.5km^2 stock at the south end of the property, this unite is sometimes referred to as the Roaring Fork Stock and is normally included within the Tombstone suite of intrusives. The Roaring Fork Stock is a biotite quartz porphyry. The porphyry texture is unusual for Tombstone plutons however the Roaring Fork stock was contemporaneous with this suite and was likely emplaced at a shallower level. Numerous dykes and sills of the Tombstone plutonic suite are present; these are buff to grey weathering with aplitic or granitic textures. Some of these bodies are locally quartz and feldspar phyric and mineralized with disseminated arsenopyrite (Becker 2000). These are most abundant at the north end of the property

though few were located during MLM's mapping activities.

Triassic metadiorite sills which are present are dark green, foliated, fine to medium grained and weather in a blocky fashion. The main mineral assemblage consists of amphibole, chlorite and plagioclase. Sills are common in the Keno Hill Quartzite and Ern Group, but are also known within the Hyland group; one of these was located during MLM's mapping activities on the slope at the head of Ross Creek(Figure 6).

Structure

Deformation on the property is typical of that seen elsewhere in the Tombstone Strain zone, including a strong penetrative fabric and intense large scale deformation (Roots 1997). Broad post-metamorphic folding is also present and is indicated by variable foliation dips. Late faults offset the RST north of the Property at Mount Haldane, these likely extend through the northern reaches of the Property appearing as large quartz veins (Becker 2000) or fine grained fissile schists.

The shallow dip of the RST north of the Property suggest that Keno Hill Quartzite may underlie the Property at a shallow depth; this is consistent with a large magnetic low at the north end of the property that runs roughly parallel to the RST.

Mineralization

The Property is a prospective host to a variety of deposit styles related to the complex Mesozoic and Cenozoic metamorphic, plutonic and volcanic history associated with the formation of the northern Canadian Cordilleran orogeny. The most attractive of these are:

- Pollymetallic veins: these are known as KHTV and are typically high in silver, lead, and zinc. They are related to the intrusion of the Tombstone Plutonic Suite and constitute the main ore at Keno Hill. A vein of this type was located to the east of Owl Creek.

- Gold bearing sheeted veins: these are present at Dublin Gulch and Fort Knox. Individual veins are generally small and low grade, however with high vein density and bulk tonnage these veins become economic. These deposits are located on the edges of post-orogenic, mid-Cretaceous stocks that intruded Selwyn Basin sedimentary rocks.

- Orogenic gold vein: these veins are Jurassic in age and formed after peak metamorphism of the Yukon-Tanana Terrane; their erosion likely contributed to the Klondike placer deposits. they are narrow, high-grade deposits; typical is the Pogo Mine in Alaska with total reserves and resources of 4.9 Moz Au at 12.45 g/t Au. They may be structural end-members of intrusion related gold model rather than typical orogenic veins.

- Carlin-like mineralization: Lynch (2006) mapped out several kilometers worth of Carlin-like mineralization north of the Property, (see also below). It was concluded that sampling of the trend below the water table would be required for bedrock samples unaffected by meteoric leaching to truly test the grade of the mineralization.

There is also good potential to host tungsten skarns similar to the Ray Gulch Tungsten Skarn at Dublin Gulch and a showing southeast of the Roop Lakes Stock to the east.

Description of Work

Geophysical Interpretation by GDX

To develop targets for exploration and prospecting from airborne magnetics, MLM contracted Roman Tykajlo, P.Geo, of Geo Digit-Ex ("GDX"). GDX provided a second opinion on the quality of geophysical data collected by Precision Geosurveys Inc. as well as independent interpretation of the data and further interpolation of data.

To undertake this analysis GDX was provided with unleveled raw data from the survey. This was then re-leveled and analyzed using Oasis Montaj to check the previous digital elevation model, total magnetic intensity and first vertical derivative; and create second vertical derivative, tilt derivative and analytic signal plots. These analyses were then used to determine which magnetic features likely correspond to structures, contacts or alteration zones and, in conjunction with historical geochemical data, determine credible targets for exploration. These new geophysical analyses and interpretation can be found in Appendix B.

Field operations

The base of operations for this survey was the Silver Trail Inn at Halfway Lakes YT, Canada. Transportation to and from the site was by Bell 206 LR contracted from Fireweed Helicopters Inc. The property was visited over the seven times over the course of a field season spanning from the 17th of July to the 6th of August 2012.

Soil Sampling

Transect soil sampling was selected over grid sampling due to the limited duration of field activities and large prospective area to be sampled. This method was found to be effective in order to obtain optimal coverage of each claim during the restricted time for sampling.

Daily transects on the Property were designed to obtain the utmost coverage of principle targets by utilizing strategically located helicopter drop off and pick up locations. The transects were selected based on data from geophysics in conjunction with air photo interpretation and proximity of historical anomalies or placer workings. Selected claims were revisited by geologists, where favourable geology was present or to complete a broader and more precise geochemical coverage of the area. Transects vary from 2-4 kilometers in length depending on terrain with a sample spacing of approximately 100 meters. At each station the first 40cm of soil and overburden is penetrated by use of an auger. The next 10-15cms of soil is sampled and placed into a labeled paper sample bag. The location of the sample is then noted and an identification ticket containing the sample number is attached at the location.

Samples were not taken from permafrost or bogs/swamps, in this situation samplers walk to the next possible sample location. A duplicate sample was taken every 50 samples.

Samples were hung on a drying rack at the end of every day to remove excess water from the samples. These samples are dried for 24-36 hours at approximately 90 degrees Celsius. The length of drying is entirely dependent on humidity of the sample. Once dry, each sample is then individually packaged in order to decrease possible cross-contamination.

Soil sampling was undertaken by samplers provided by Breakaway Exploration Inc. ("Breakaway") of Val-d'Or QC and directed by MLM personnel. The Breakaway crew consisted of four members:

Joel Demers sampler

Josh Judson sampler

Hugo Girard sampler

James Sullivan sampler

Breakaway personnel utilized the iPAQ personal pocket computer with GPS to record all data and observations; this ensured the precise and accurate documentation of sample sites as well as minimized the possibility of typographical errors. In addition the iPAQ enabled samplers to make minor modifications to pre-planned routes.

Samples were packed and shipped to Acme Analytical Laboratories Ltd. preparatory laboratory in Whitehorse, YT. Soil samples underwent preparation code SS80; dried for 24 hours at 60^{o}C then screened for 100g at -80 mesh; rejects were discarded. Samples were then sent to Becquerel Laboratories Inc. in Mississauga, ON and underwent neutron activation for Sb, Cr, La, Sm, Tb, As, Co, Lu, Sc, Th, Ba, Eu, Hg, Se, Sn, Br, Au, Mo, Ag, W, Ca, Hf, Nd, Na, U, Ce, Ir, Ni, Sr, Yb, Cs, Fe, Rb, Ta and Zn.

Silt Sampling

Daily transects were undertaken parallel to major creeks, targeting tributary streams. Samplers would take silt samples at every tributary or at 300m intervals where possible along major creeks. Smaller tributaries and the heads of mapped creeks where often dry or filled with material not suitable for sampling. At each sample site 500g of silt was collected and placed in a labeled cloth bag and the location was flagged with the sample number. In fast flowing streams or on transects where silt was scarce (i) amalgamated samples from several hundred meters could be collected or (ii) moss was collected and brushed out for captured sediments.

Samples were dried for up to a week before packaging to ship to Whitehorse.

Silt sampling was undertaken by samplers provided by Tom Morgan of Dawson, YT and directed by MLM personnel. Tom Morgan's crew consisted of two members:

Kane Morgan sampler

Reid Gavin Sampler

Sample sites were located using the Garmin GPS Map 62s and recorded in a field book and sample book. This data was then entered into a database upon returning to camp at the end of each day.

Samples were packed and shipped to Acme Analytical Laboratories Ltd. preparatory laboratory in Whitehorse, YT. Soil and silt samples underwent preparation code SS80; dried for 24 hours at 60^{o}C then screened for 100g at -80 mesh; rejects were discarded. Samples were then sent to Becquerel

Laboratories Inc. in Mississauga, ON and underwent neutron activation for Sb, Cr, La, Sm, Tb, As, Co, Lu, Sc, Th, Ba, Eu, Hg, Se, Sn, Br, Au, Mo, Ag, W, Ca, Hf, Nd, Na, U, Ce, Ir, Ni, Sr, Yb, Cs, Fe, Rb, Ta and Zn.

Silt sampling proved to be effective during Operation Keno and W. Carrell's 2004 program around Mayo Lake.

Prospecting and Mapping Activity

Prospecting and mapping activities were carried out by geologists employed by MLM. Daily traverses were designed to cross anomalies interpreted from geophysical data and noteworthy topographical features observed on air photos. During traverses, rock types, structural and geological phenomena were recorded; samples were taken of potential mineralization. The primary goals of prospecting and mapping activities were to assess the validity of historical mapping and to determine the association between topographical and geophysical features and mineralization.

The two geologists responsible for mapping and prospecting activities were:

Tyrell Sutherland Senior geologist

Remy Poulin Project geologist

Outcrops were located using the Garmin GPS Map 62s and recorded in a field book and sample book. This data was then entered into a database upon returning to camp at day end.

Exposed outcrop is most abundant along the rim of valleys above the headwaters of large creeks and on steep slopes. The ridge top was generally covered in felsomere or till and the lower and gentle slopes where generally covered in thick vegetation.

Rock samples were packed and shipped to Acme Analytical Laboratories Ltd. preparatory laboratory in Whitehorse, YT. Samples were crushed, pulverised then analysed using both neutron activation and ICP-MS after 4-acid digestion. Neutron activation analysis was carried out by Becquerel Laboratories Inc. for Sb, Cr, La, Sm, Tb, As, Co, Lu, Sc, Th, Ba, Eu, Hg, Se, Sn, Br, Au, Mo, Ag, W, Ca, Hf, Nd, Na, U, Ce, Ir, Ni, Sr, Yb, Cs, Fe, Rb, Ta and Zn. ICP-MS analysis was undertaken by Acme Laboratories Ltd. in Vancouver for Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe%, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca%, P % La Cr, Mg%, Ba, Ti% Al% Na%, K%, W, Zr, Ce, Sn, Y, Nb, Ta, Be, Sc, Li, S%, Rb, Hf, In, Re, Se, Te, and Tl.

Observations and Results

Prospecting and Mapping Observations

Seven outcrop samples were collected and analysed. Bedrock is composed primarily of sandy phyllites cut by micaceous phyllites. There is little or no change in vegetation adjacent to intrusive outcrops relative to the phyllites. Relative abundance of intrusive outcrops to phyllites and carbonates suggest that intrusive units are likely more abundant then previously mapped and possibly have greater continuity then previously indicated. Mapping intrusions was hampered by thick vegetation and lack of outcrop so the above observation is tentative.

At least two carbonate units were located along the northern slopes of the property. These were generally bleached and had a sucrosic texture. Carbonates units were marked by a distinct change in vegetation from dominantly moss, willow and Labrador tea to juniper and moss.

The Roaring Fork Pluton is a biotite quartz porphyry with a matrix composed primarily of quartz. There are several outcrops of felsic intrusive beyond the mapped boundaries of the Roaring Fork Stock. Historical mapping of this unit is sparse and the unit is clearly larger or more irregular then previously mapped. Applite and/or pegmatite dykes enriched in U, Th and REEs cutting and/or radiating from the stock are a possibility.

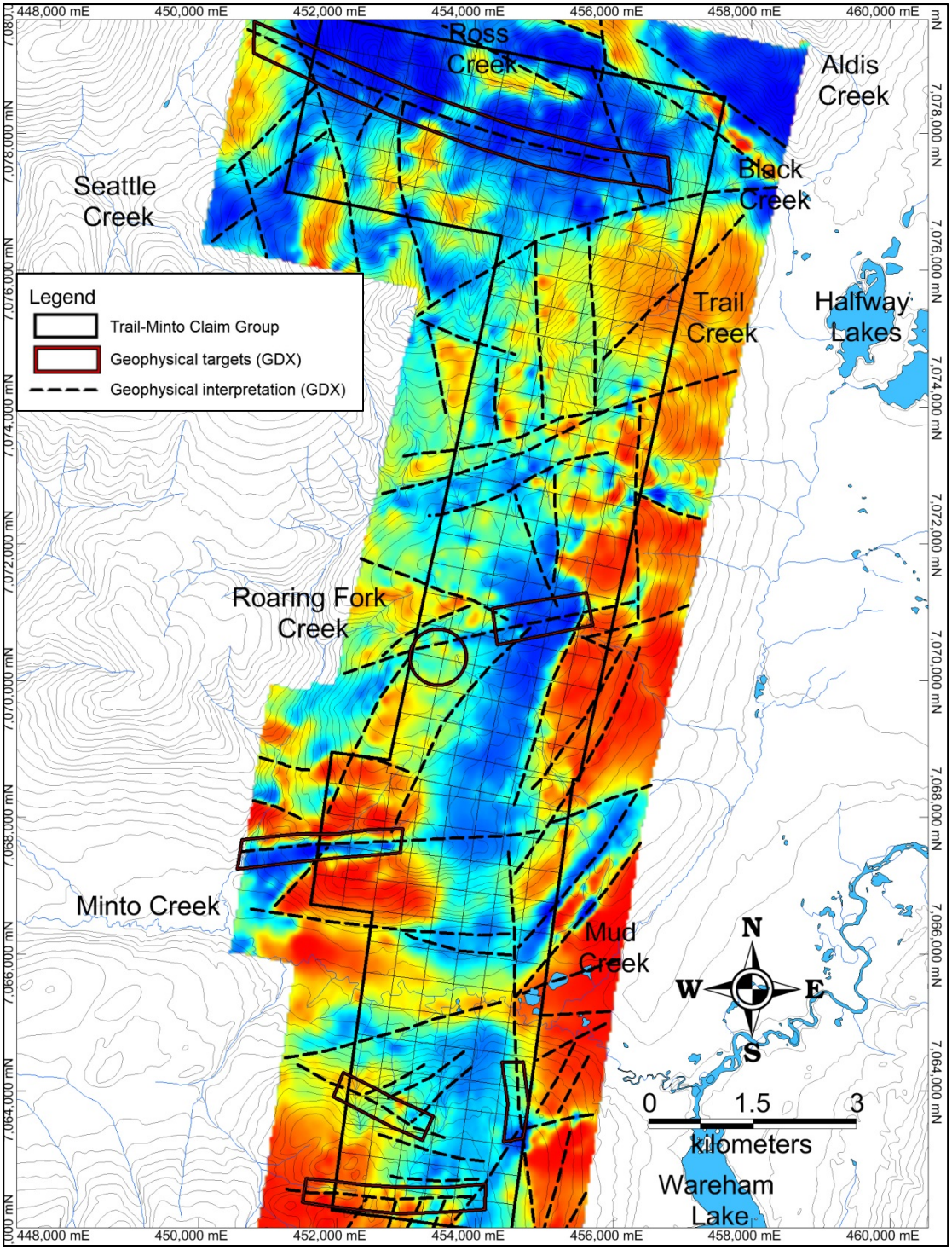


Figure 7: Geophysical interpretations of GDX illustrated on total magnetic intensity plot.

Sheeted quartz veins are present in silicified phyllites in the northwest corner of the Property. One of these veins contained chalcopyrite and malachite, however the sample failed to return anomalous values of any metallics.

Outcrop was most abundant on slopes and cliffs above deeply incised creeks. Ridge tops were covered by thick forest preventing helicopters from landing except where pads had previously been cleared.

Geophysical Results and Interpretations

GDX determined that the data produced by Precision Geophysics Inc. ("PGI") was of

good quality and that PGI's subsequent processing of this data was valid. Copies of the plots of the Trail-Minto Claim Group created by GDX are provided in Appendix B. Also produced and included here is the structural interpretation and geophysical targets produced by GDX (Figure 7).

A distinct magnetic low straddling the Minto Creek valley in Figure 7 corresponds to the location of the Roaring Fork Stock and likely delineates the edges of the stock which extends much further north than previously mapped. A similar magnetic low at the north end of the property underlies many of the previously mapped dykes and plugs and may indicate a shallow buried stock. Alternatively the northern magnetic low could be a caused by Keno hill quartzite underlying the Hyland Group at a shallow level. A strong magnetic low that cuts the Roaring Fork Stock is possibly a late structural feature.

The structural interpretation produced by GDX corresponds well with initial interpretation of structure by MLM. Plots of analytic signal, tilt derivative and second vertical derivative produced new targets and provide further understanding of previously identified structures; these plots can be located in Appendix B. Most targets produced by GDX are on the edges of the magnetic low corresponding to the Roaring Fork Stock. The targets on the peripheral zones of the stock are favourably located for the development of gold bearing sheeted veins typical of IRGS. The target at the north end of the Property corresponds to the boundary of a large magnetic low; this magnetic low covers abundant small dykes and plugs suggesting a shallow buried stock.

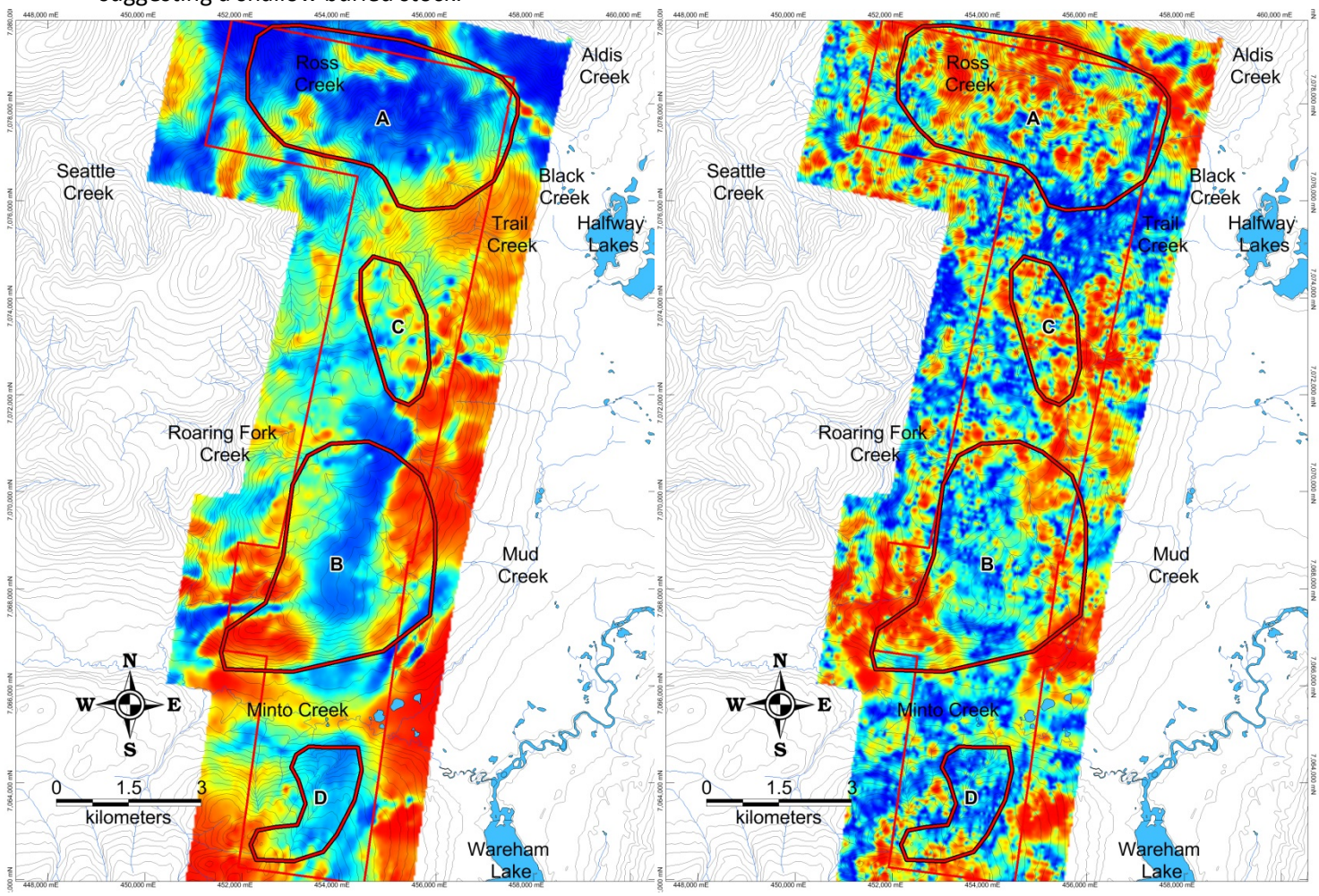


Figure 8: Total magnetic intensity (left) and analytic signal (right) plots showing the locations of G.Ts

Geochemical Results and interpretations

Four hundred ninety two soil samples were collected along sixteen transects and ten silt samples were collected. This sampling crossed most interpreted geophysical structures on the property as well as prospective source areas above streams that contained placer operations and stream sediment anomalies collected during previous government sampling programs.

Analysis of submitted duplicates indicates that results were acceptably reproducible to within 15%, 22 times out of 37 for most elements. The nugget effect may have had an influence on gold analysis.

Sample site locations can be found in Appendix C, geochemical plots for selected elements can be found in Appendix D and analysis of samples can be found in Appendix E.

A number of geochemical targets ("G.T.") have been established based on MLM sampling in combination with previous sampling by ER and the geophysical data collected by PGI and interpreted by GDX.

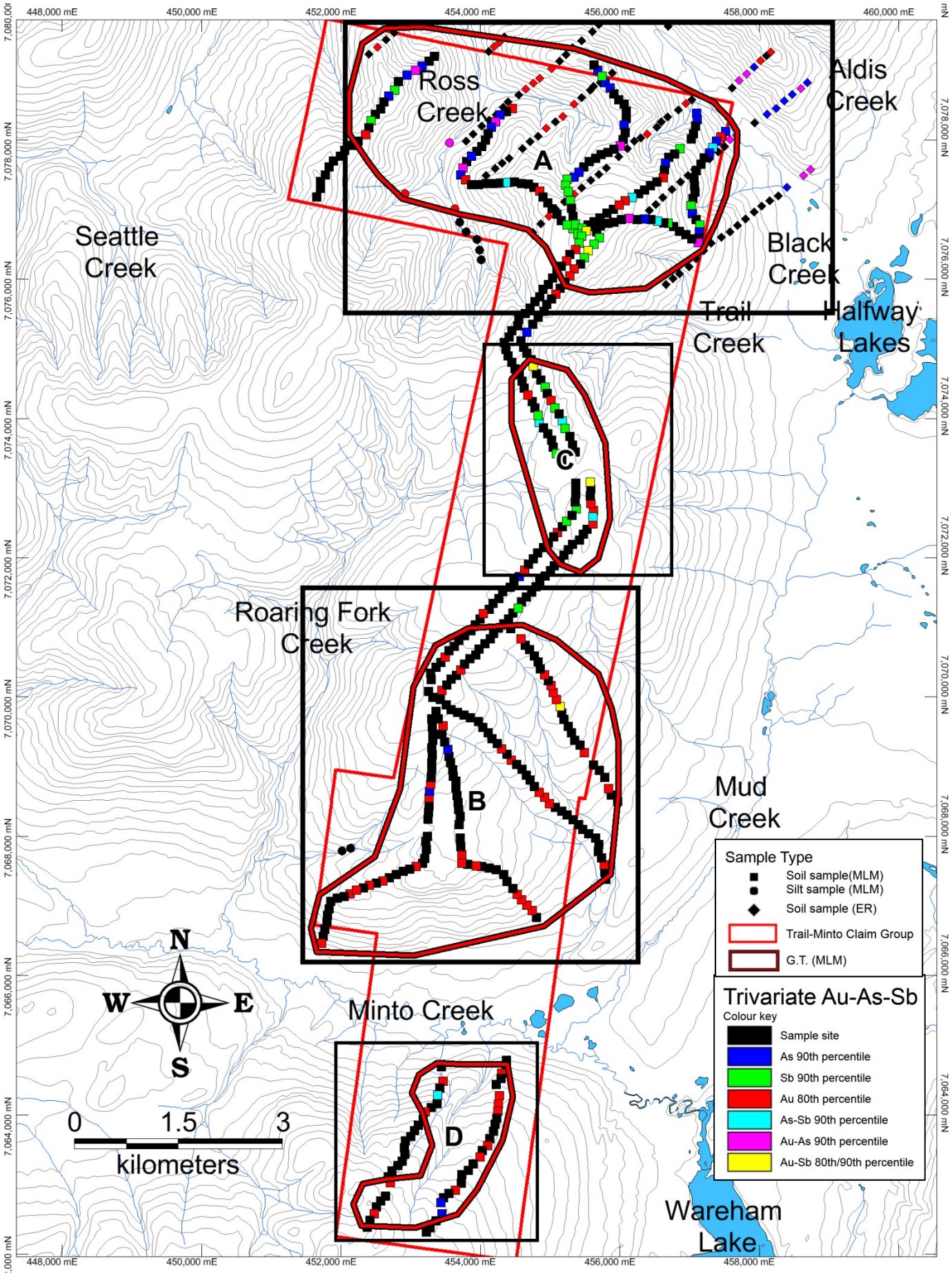


Figure 9: Tri-variat (Au-As-Sb) point plot showing G.Ts. Inset maps are located on the following pages:

G.T.A	Figure 10 and 11
G.T.B	Figure 12
G.T.C	Figure 13
G.T.D	Figure 14

G.T.A is located on the steeply incised highlands southwest of Black Creek and north of Trail Creek (Figure 9). G.T.A is marked by a zone of intense Sb anomalies (A-1, Figures 10 and 11) surrounded by abundant Au-As ± Zn, U anomalies (A-2 to A-6 Figure 10 and 11). Four of the top ten Sb values from MLM's entire program are from this anomaly including the highest two values, 833ppm Sb and 598ppm Sb (Figure 11). The core of this anomaly is also marked by strong arsenic and gold values. These highly anomalous samples suggests mineralized vein material is a significant component of soils and is likely proximal to the surface. A-1 also contains above average Zn values (Figure 11) and sporadic high Au and W values. Two quartz veins were sampled within A-1, one was weakly anomalous for Sb, Ba and several REEs; the other was barren. The anomalous vein is probably a late feature from weakly-enriched post-mineralization fluids.

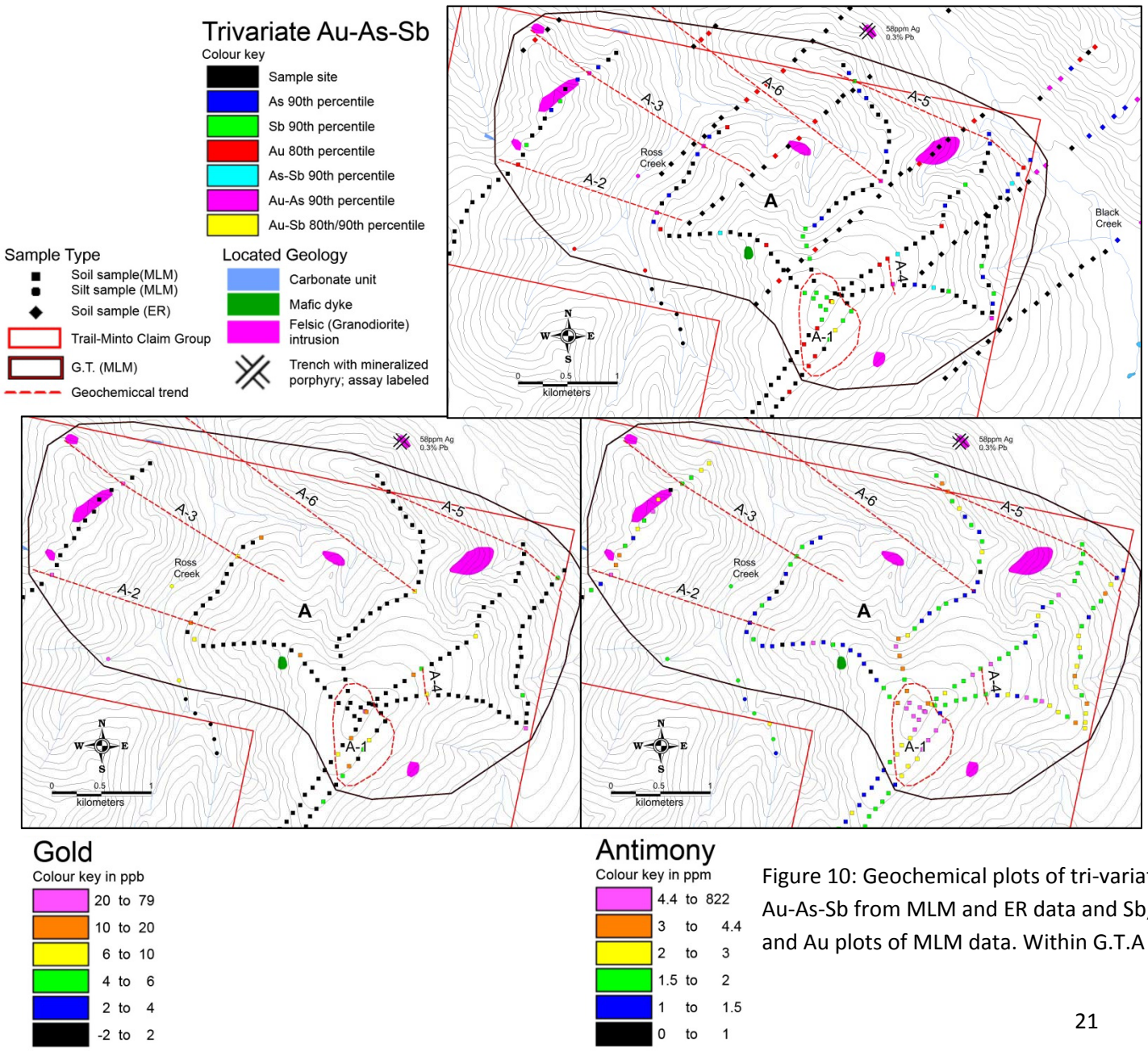


Figure 10: Geochemical plots of tri-variat Au-As-Sb from MLM and ER data and Sb, and Au plots of MLM data. Within G.T.A

Trends A-2 to A-5 are located on the slopes above Ross and Black creeks (Figures 10 and 11). These trends are anomalous for As, U and Zn and contain a number of Au values. Their linear nature suggests a structural origin and they are sub-parallel to a major structural features delineated by GDX (Figure 7). Elevated U values (Figure 11) suggest late stage dykes emplaced during devolatilaztion of a felsic parent stock. This is supported by the presence of multiple dykes and plugs located by MLM and other mappers. Historical trenching and sampling of a mineralized dyke indicates that the peripheries of mineralized intrusives are also enriched in As (Becker 2000). Soil samples showing Zn enrichment are likely caused by footwall veins intersecting nearby carbonates.

Trend A-6 is located on the ridge between Black and Ross creeks (Figures 10 and 11). The soil sampling survey performed by ER in 2000 showed anomalous values of Au and As.

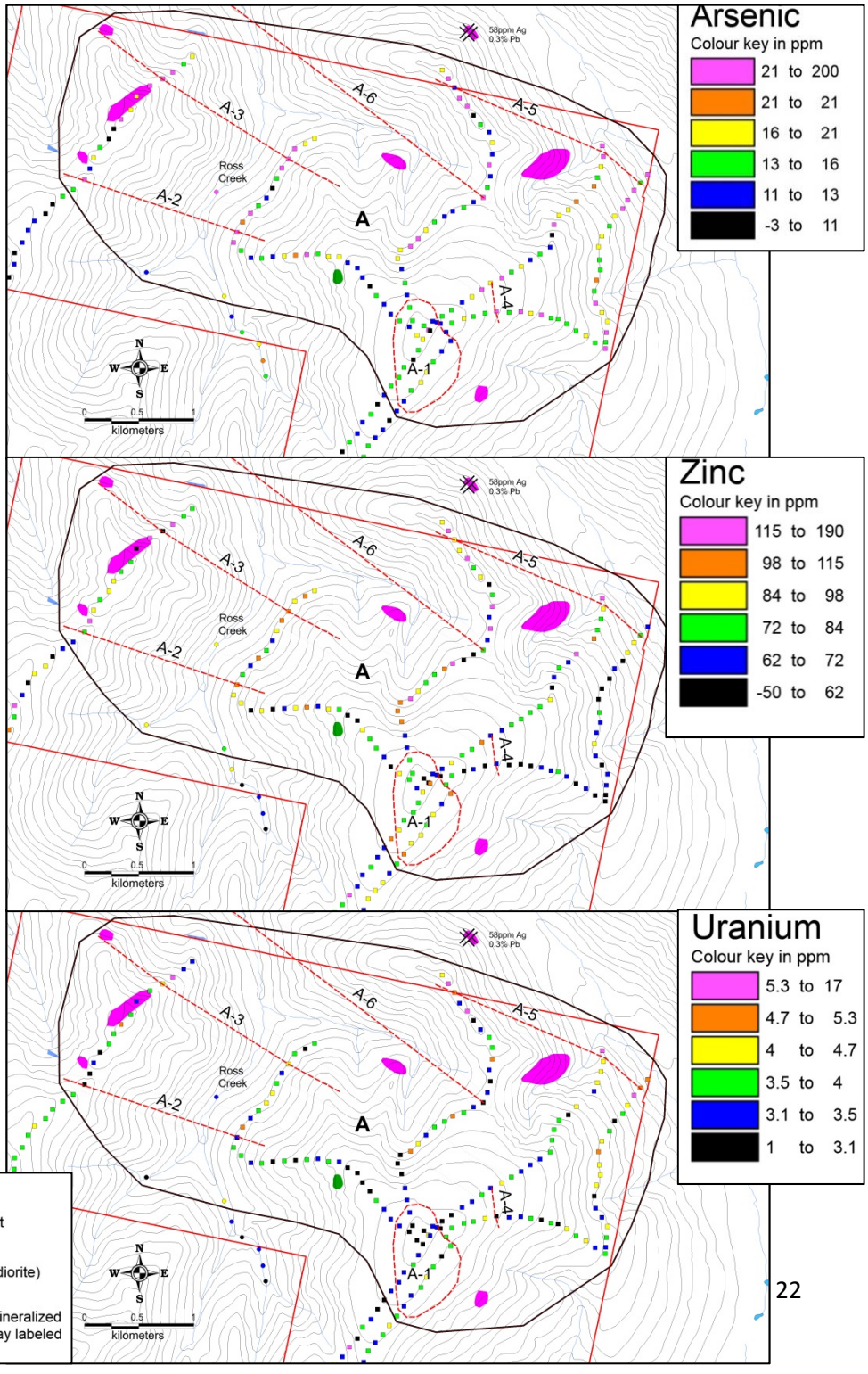
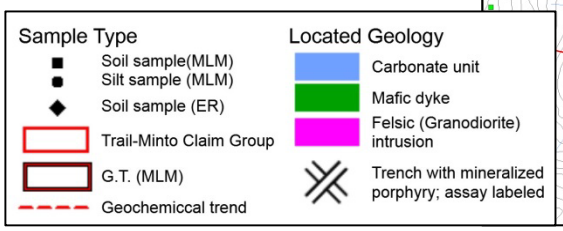
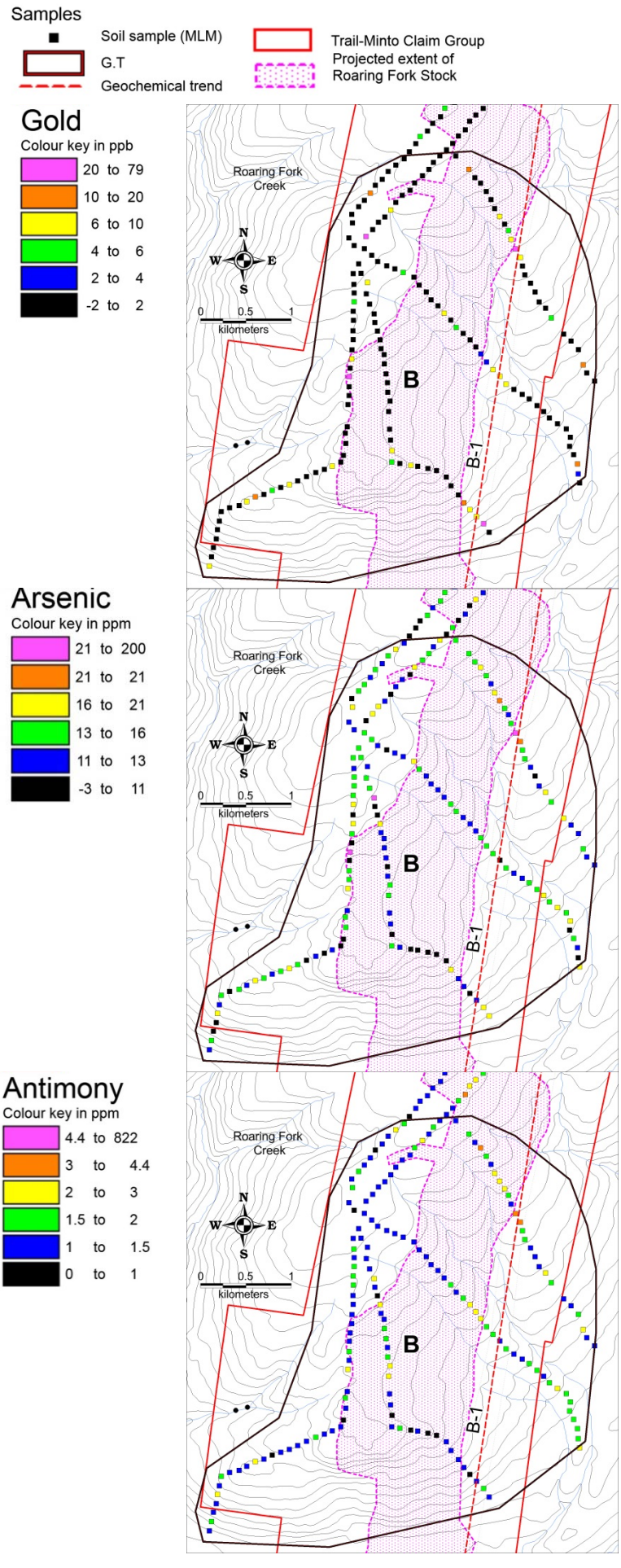


Figure: 11 Geochemical plots of MLM samples showing Zn, U and As values within G.T.A





G.T.B is located on the Roaring Fork Stock north of Minto Creek (Figure 12). G.T.B is marked by a few anomalous Au values as well as scattered As and Sb anomalous values. Within the core of the Roaring Fork Stock values of U and W are generally high and REE values are low with increased values along the margins of the stock. Anomalous Zn values are rare suggesting little or no carbonates are present.

The trend labeled B-1 is (Figure 12) a 400m wide zone of strong gold anomalies. Several elevated As and Sb values at the north end are coincident with the highest Au values. This trend may extend along the length of the Roaring Fork Stock, north to G.T.C and south to G.T.D. The long narrow trend of gold anomalies adjacent to the edge of the stock suggests a sheeted vein system hosting gold mineralization typical of intrusion related gold systems. G.T.B is likely contiguous with G.T.D at depth however the presence of thick glacial till or alluvial sediments adjacent to Minto Creek masks bedrock signatures.

There is a distinct increase in gold results within and adjacent to the Roaring Fork Stock however at the current sampling density the relationship of gold anomalies from separate transects is unclear. It is probable that mineralized structures may be smaller than the system hypothesized as B-1.

Figure 12: Geochemical plots of Au, Sb and As on the Roaring Fork Stock north of Minto Creek

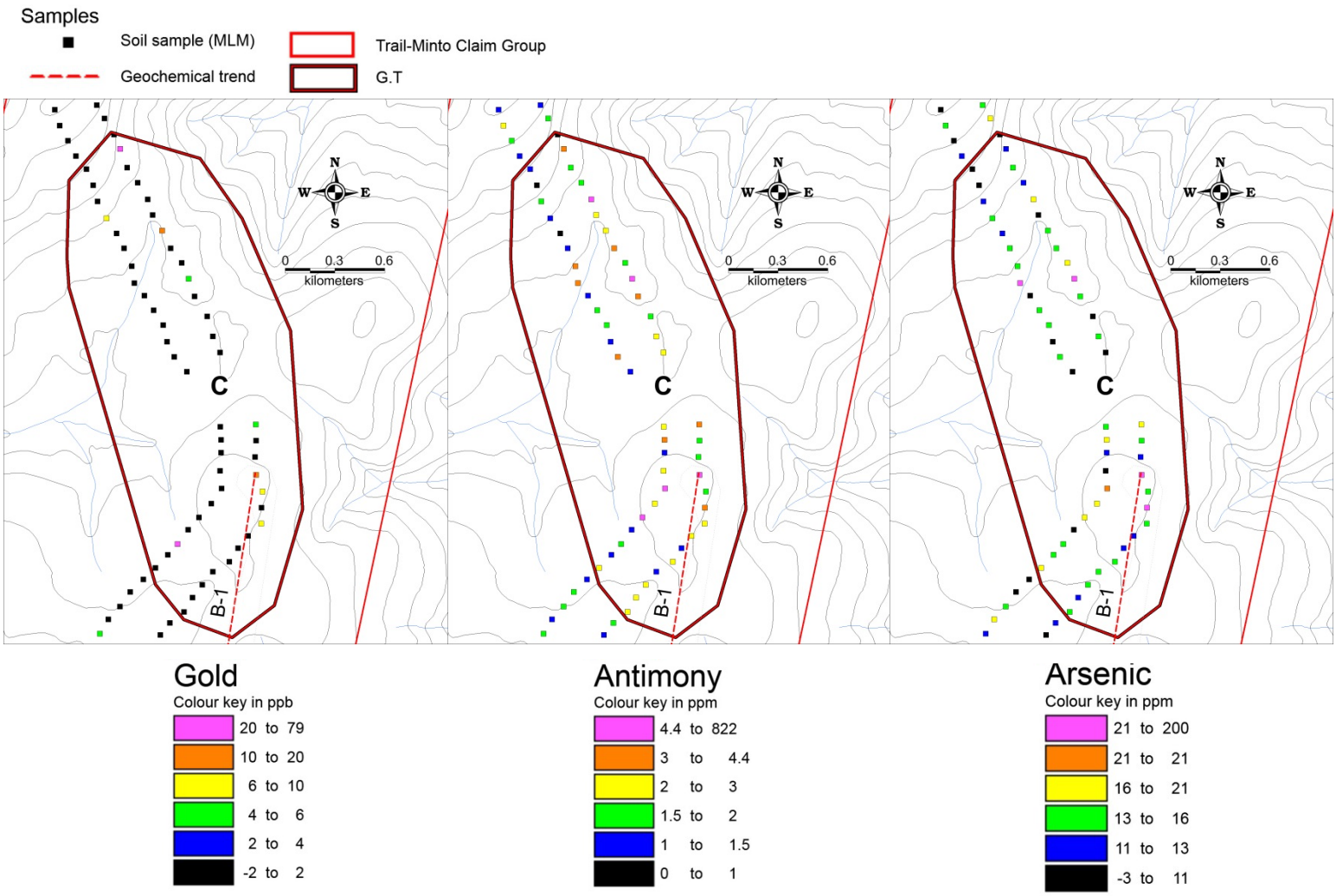


Figure 13: Geochemical plots of Au, Sb and As north of the Roaring Fork Stock

G.T.C is located on the ridge between Roaring Fork, Mud and Trail creeks. It is marked by scattered Au values and areas of anomalous As, Sb, Zn and REE values (Figure 13). The two highest Au values are coincident with elevated Sb values, one of which is also coincident with As and Zn anomalous values. The anomalous REE values are close to the anomalous Au-As-Sb values, but not coincident. Above average U and Th values are coincident with REEs.

The anomalous REE values in combination with above average U and Th values are suggestive of felsic intrusive rocks likely pegmatite dykes. This is supported by elevated B values in nearby creeks from Operation Keno sampling. Mineralization is likely related to possible dykes either in footwall veins or within the periphery of the dyke itself similar to the mineralized porphyry sampled in the trench north of the Property.

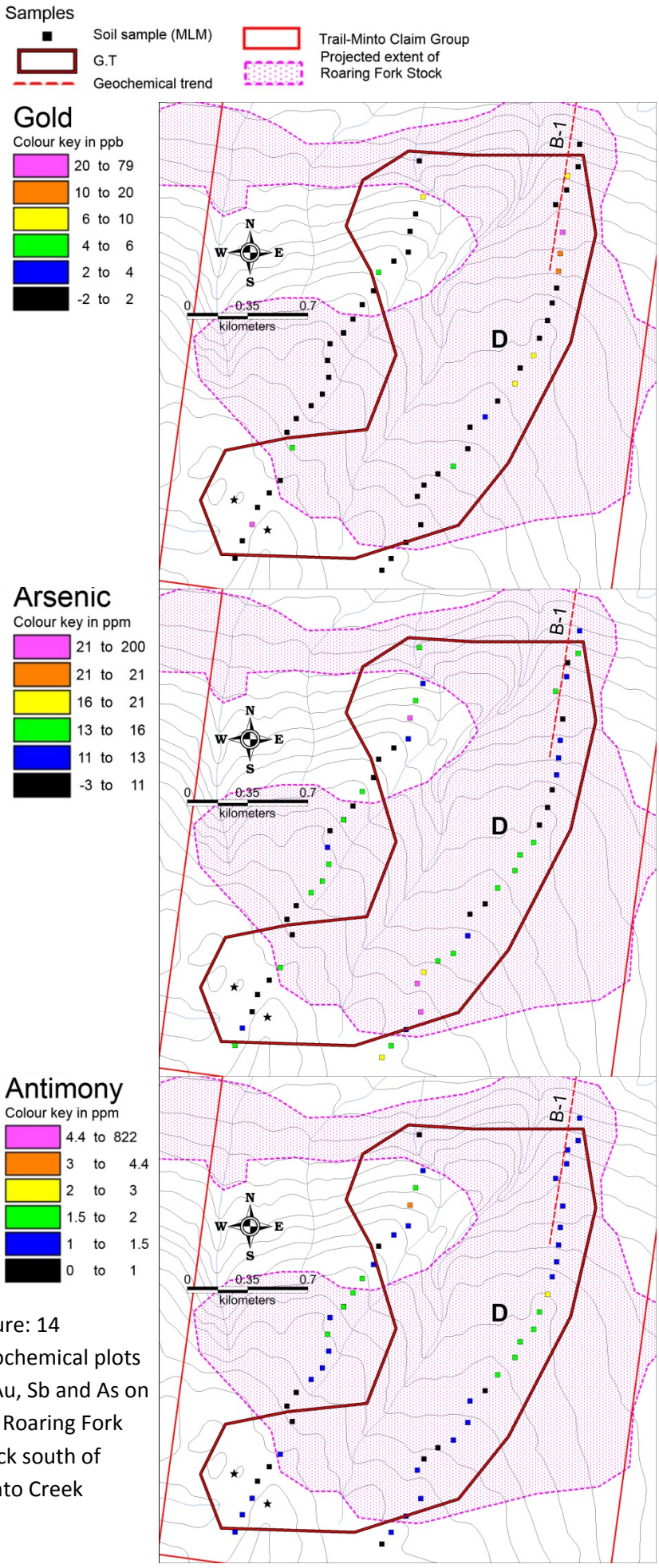


Figure: 14 Geochemical plots of Au, Sb and As on the Roaring Fork Stock south of Minto Creek

G.T. D. is located on the Roaring Fork Stock south of Minto Creek (Figure 14). It is marked by anomalous U and Th values and areas of anomalous Au and As values. The margins of the Roaring Fork Stock in the vicinity of G.T.D. are complex and poorly constrained. The projected extent illustrated on Figure 14 incorporates historical and recent mapping, geophysics interpretation and geochemical results.

Anomalous U and Th values are seemingly imparted by the Roaring Fork Stock, however in some cases these anomalies appear to extend beyond the intrusive; this is likely the result of dykes and veins extending into the surrounding country rock. The most continuous gold anomaly is located in the north east corner of G.T.D and is on trend with the previously described B-1 (Figures 12 and 14). This is possibly an extension of that trend south of Minto Creek. Within the valley containing Minto creek any signature from B-1 is likely masked by glacial till and alluvial sediments. Similar to results immediately north of Minto Creek, B-1 is only marked by Au values and not As or Sb values.

Discussion and Conclusions

The Tintina Gold Belt, in which the Property lies, extends for more than 2100 km along the length of the North American Cordillera in Alaska and Yukon. It contains gold and silver deposits that are spatially and temporally associated with Cretaceous age plutonism. In general, bismuth-tungsten-tellurium signatures characterize deposits hosted by granitoid rocks whereas those hosted by sedimentary rocks and dyke systems characteristically have arsenic-antimony signatures (Goldfarb et al. 2000). Significant differences in structural styles, levels of deposit emplacement, ore-fluid chemistry and gold grades suggest that the deposits represent a broad range of emplacement regimes.

The Tintina Gold Belt offers excellent exploration and mining targets. Target often have good size potential; for example Dublin Gulch is reported to contain 6.4 million ounces gold at a grade of 0.62 g/t and Brewery Creek was reported to contain 825,000 ounces gold at a grade of 1.36 g/t prior to production. The Fort Knox deposit is reported to contain 7 million ounces gold, at a grade of 0.9 g/t and POGO deposit contains approximately 4.9 million ounces gold at a grade of 12.45 g/t.

The Property is most likely to host mineralized sheeted veins related to intrusion related gold systems driven by intrusions of the Tombstone Plutonic Suite. Several such intrusions, notably the Roaring Fork Stock, have been mapped on the Property. Many intrusions where the exposed extent is small may not be mapped to date. Small mapped (and unmapped) intrusions could be indicative of larger unroofed stocks that may host or drive mineralization. Economic deposits related to these plutons can be quite varied depending on proximity, host lithology, level of emplacement and regional structures; an idealized model for deposits relating to these intrusions is represented in Figure 5.

Property Interpretations

Re-analysis of the magnetics, utilizing second vertical derivative, tilt derivative and analytic signal, resulted in improved definition of magnetic structures and possible alteration zones. This allowed for optimal positioning of geochemical sample transects. This higher quality analysis also allows for prediction of extensions of newly defined geochemical anomalies. The magnetic low at the northern portion of the property has an edge that roughly parallels the trend of the Robert Service Thrust, however past geological mapping of the Haldane Fault shows a large dextral offset north of the survey area which is not clearly reflected on the magnetic plots. The large magnetic low is probably related to the interaction of the Keno Hill Quartzite, which is likely buried at a shallow level, or a buried intrusive feeding the mapped dykes and sills on the north part of the Property. To the south, a magnetic low may relate to the Roaring Fork Stock, putting this stock within the prime 10km long size group that most often host intrusion related gold mineralization.

Geochemical results from G.T.A suggest a large area of alteration and related strongly mineralized veins very close to or possibly at surface. This area contains and is surrounded by multiple dykes and plugs. These potentially host mineralization along their length or within pods.

The favourable geology in combination with geochemical results within G.T.B strongly suggests significant mineralization along the eastern contact of the Roaring Fork Stock or alteration related to it.

Numerous gold results within the stock itself are indicative of smaller mineralized systems that are likely present. G.T.D is likely an extension of G.T.B south of Minto Creek.

G.T.C is likely related to dykes or plugs, similar to trends along the northern part of G.T.A.

Recommended Future Exploration

Due to the ambiguity related to results from reconnaissance soil surveying and the difficulties of interpreting geophysical data without good ground control, further soil sampling at closer intervals is required within all G.T.s to better define the nature and extent of mineralization and to define targets for trenching and drilling. Concurrently, mapping and prospecting of all G.T.s. is recommended to better understand their geology, their mineral potential and to plan subsequent trenching and/or drilling operations. Light trenching equipment could be used to test G.T.s where cover has been determined to be relatively thin.

Unless the trends of mineralization can be clearly defined the recommended sampling grid is 50m by 50m. Where trends are clear 50m sample intervals along 100m spaced lines is recommended. To facilitate such a program, it would be best to process the soils in the field and do an analysis with a mobile XRF system. Following this sampling, in areas where indicator elements are anomalous samples spacings could be closed up to 25 m by 25m or 25m by 50m. Samples from these focused grids are to be sent for independent assay or used to delineate trenching targets directly. Some prospecting and trenching could be completed initially on the most prospective trends within G.T.A and G.T.B. Screening of the complete Property outside that presently covered by soil sampling transects should eventually be completed with a grid pattern related to geological controls established by the prospecting, mapping and sampling within the adjacent G.T.s. plus the airborne geophysics.

References

Becker, T.C.
2000 Assessment Report 094179, on the Black Property, Black Creek, Mayo Mining District, Yukon Territory for Archer, Cathro & Associates (1981) Limited, October, 2000.

Bond, J.D.
1999. Glacial limits and ice-flow map, Mayo area, central Yukon (1:250,000 scale) Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1999-13.

Bostock, H.S.
1947 Mayo, Yukon Territory. Geological Survey of Canada, Map 890A

Boyle, R.W.
1964 Geology Keno Hill-Galena Hill Area, Yukon Territory, Geological Survey of Canada, Map 1147A

Boyle, R.W.
1965 Geology, Geochemistry and Origin of the Lead-Zinc-Silver Deposits of the Keno Hill-Galena Hill Area, Yukon Territory. Geological Survey of Canada Bulletin 11

Carrell, W.
2004 Report of 2004 Field Activities Funded Under YMIP Grant #04-034, Mayo Lake Focused Regional Program, Mayo, Yukon Territory, Canada

Gleeson, C.F., Boyle, R.W.
1980a Minor and Trace Element Distribution in the Heavy Minerals of the Rivers and Streams of the Keno Hill District Yukon Territory. Geological Survey of Canada Paper 76-31.

Gleeson, C.F., Boyle, R.W.
1980b The Lithogeochemistry of the Keno Hill District Yukon Territory. Geological Survey of Canada Paper 77-31.

Gleeson, C.F. et. Al. (9 Maps)
1965 (Ag, As, B, Cu, Ni, Pb, Sb, W+Sn, Zn) Content of Stream and Spring sediments, Keno Hill Area, Yukon Territory; Geol. Surv. Can., Map 45- 50, 52-53, 56-1965

Gleeson, C.F., Boyle, R.W.
1972 Gold in Heavy Mineral Concentrates of stream Sediments, Keno Hill Area, Yukon Territory. Geological Survey of Canada Paper 71-51.

Goldfarb, R., Hart, C., Miller, M., Miller, L., Farmer, G.L. and Groves, D.
2000 The Tintina Gold Belt - A Global Perspective *in* The Tintina Gold Belt: Concepts Exploration and Discoveries, Special Volume 2, British Columbia and Yukon Chamber of Mines Cordilleran Roundup, January 2000.

Green, L.H.
1971. Geology of Mayo Lake, Scougale Creek and McQuesten Lake map areas, Yukon Territory (105M/IS, 1060/2, 106 D/3). Geological Survey of Canada, Memoir 357,72 p.

Green, L H; Roddick, J A;
1972 Geology of Mayo Lake, Yukon Territory. Geological Survey of Canada, "A" Series Map 1284A

Hart, C.J.R., McCoy, D.T., Goldfarb, R.J., Smith, M., Roberts, P., Hulstein, R., Bakke, A.A., Bunddtzen, T.K. 2002. Geology, exploration and discovery in the Tintina Gold Province, Alaska and Yukon *in* Marsh, E.E., Goldfarb, R.J. and Day, W.C. (eds.), Integrated Methods for Discovery; Global Exploration in the Twenty-First Century. Society of Economic Geologists, Special Publication Vol. 9, p. 241–274.

Hughes, O.L.
1983 Surficial geology and geomorphology, Mount Edwards, Yukon Territory; Geological Survey of Canada, Map5-1982 (1:100,000)

Hunt, J.A., Murphy, D.C., Roots, C.F., and Poole, W.H.,
1996 Geological map of Mt. Haldane area, Yukon (105M/13). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Map 1996-4, scale 1:50 000.

Kindle, E.D.,
1962 Geology Keno Hill, Yukon Territory. Geological Survey of Canada, Map 1105A

Lee, W.K..
1966 Arivaca Explorations Limited, Mayo Lake Area, Yukon, Assessment Report # 017476, Yukon Energy, Mines & Resources Library.

Lebarge, W.P., Bond, J.D., Hein, F.J.,
2002 Placer gold deposits of the Mayo Area, Central Yukon, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 13, pp.209

Lynch, G.
2006 Sediment-hosted disseminated gold occurrence, northeast Mayo Lake area. *in* Yukon Exploration and Geology 2005, D.S. Emond, G.D. Bradshaw, L.L. Lewis and L.H. Weston (eds.), Yukon Geological Survey, p. 327-339.

McIntyre, J.F.
1966 Arivaca Explorations Limited, Mayo Lake Area, Yukon, Assessment Report # 017476, Yukon Energy, Mines & Resources Library.

Murphy, D.C. and Roots, C.F.,
1996 Geological map of Keno Hill area, Yukon (105M/14). Exploration and Geological Services Division, Indian and Northern Affairs Canada, Map 1996-1, scale 1:50 000.

Murphy, D.C.
1997 Geology of the McQuesten River Region, Northern McQuesten and Mayo Map Areas, Yukon Territory (105P/14, 15, 16; 105M/B, 14); Exploration and Geological Services Division, Indian and Northern Affairs Canada; Bulletin 6, p. 122.

Rampton, V.N., Sutherland, T.B.,
2012 Mayo Lake Minerals Inc. Assessment report on the Trail-Minto Claim Group Geophysical Survey, under assessment, Yukon Energy, Mines & Resources Library.

Roots, C. F.
1997. Geology of the Mayo·Map Area, Yukon Territory (105M). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 7, 82 p.

Appendix A

Statement of Qualifications

Dr. V.N. Rampton, P.Eng.

Rampton Resources Group Inc.

P.O. Box 158, 3226 Carp Road

Carp, Ontario. K0A 1L0

Tel: (613) 836-2594; E-mail: vrampton@rogers.com

I, V.N. Rampton, Ph.D., P.Eng., do hereby certify that

1. I am President of Rampton Resource Group Inc. and President and CEO of Mayo Lake Minerals Inc.
2. I graduated with a B.Sc. Eng. (Geology) from University of Manitoba in 1962 and with a Ph.D. (Geology) from University of Minnesota in 1969.
3. I am a member of the Professional Engineers of Ontario.
4. I have worked as a geologist for over 50 years, specifically in mineral exploration for the last 40 years, in Canada, Slovakia, Finland, Spain, Burkina Faso, Jamaica and the United States of America.
5. By reason of my education, affiliation with a professional organization (as defined in N.I. 43-101) and past relevant work experience, I fulfill the requirements of a "qualified person" for the purposes of N.I. 43-101.
6. By reason of my being CEO, President and a Director and my share holdings in Mayo Lake Minerals Inc., I am not an "independent qualified person" for the purposes of N.I 43-101.
7. I am a co-author but bear responsibility for the preparation of the technical report titled "Assessment report on the Trail-Minto Claim Group 2012 Geophysical Interpretation and Geochemical Surveys and Interpretation". The technical information contained within the report was collected and interpreted under my authority.

Dated the 9th day of August, 2013.

_____

Vernon Neil Rampton

Tyrell Sutherland B.Sc.

Mayo Lake Minerals Inc.

P.O. Box 158, 3226 Carp Road

Carp, Ontario. K0A 1L0

Tel: (613) 884-8332; E-mail: tyrellsutherland@hotmail.com

I, T.B. Sutherland, B.Sc., do hereby certify that

1. I am an authorized agent of Mayo Lake Minerals Inc.
2. I graduated with a B.Sc. Honors Specialization Geology, from the University of Ottawa in 2009.
3. I am a member of the Prospectors and Developers Association of Canada.
4. I have worked as a geologist for approximately 5 years, specifically in mineral exploration, in Canada, Australia, Jamaica and China.
5. I do not fulfill the requirements of a "qualified person" for the purposes of N.I. 43-101.
6. I am the senior co-author and to the best of my knowledge all data used in the preparation of the technical report titled “Assessment report on the Trail-Minto Claim Group 2012 Geophysical Interpretation and Geochemical Surveys and Interpretation” is correct and of good quality. The technical information contained within the report was collected under my supervision and I was primarily responsible for its interpretation.

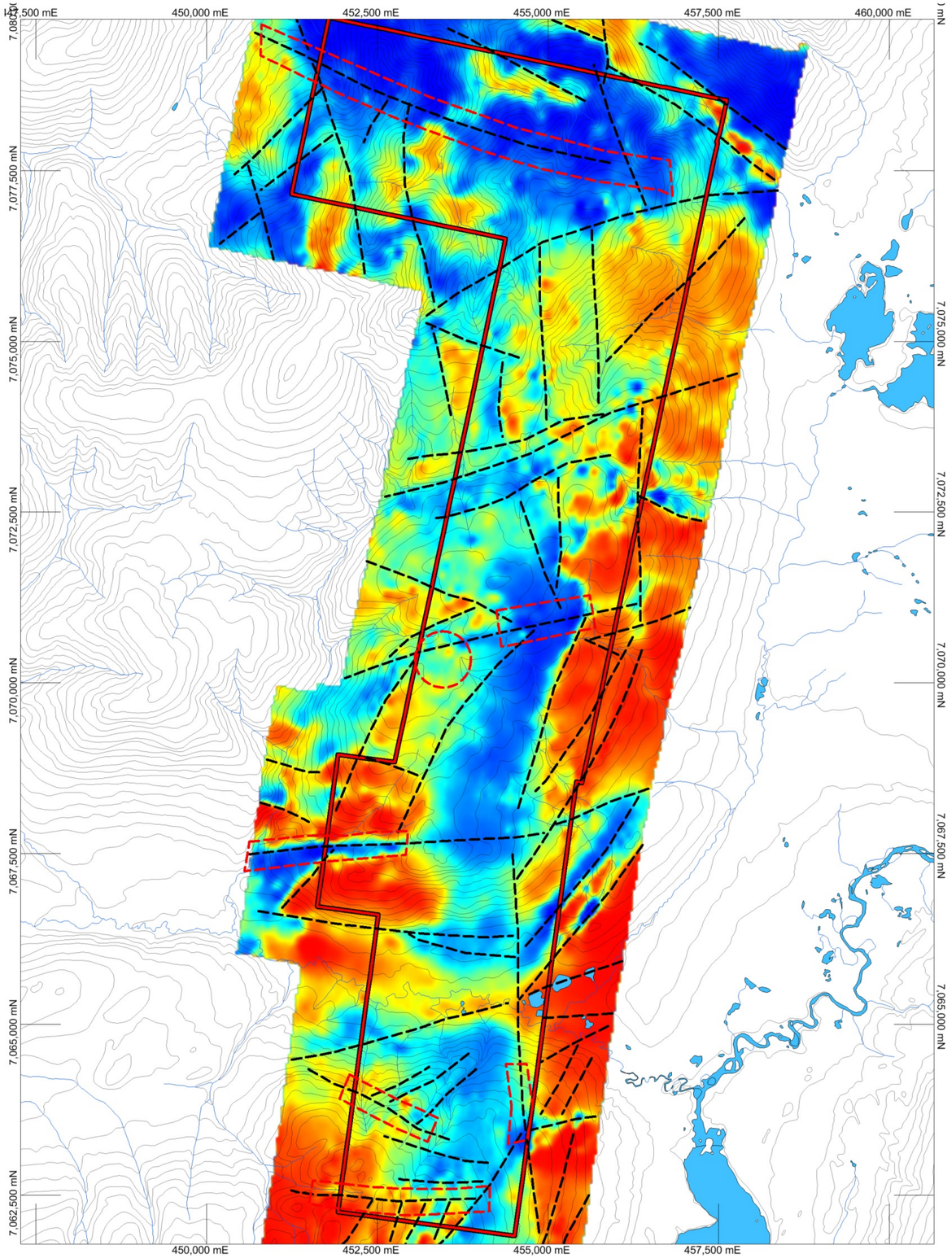
Dated the 9th day of August, 2013

_____

Tyrell Brodie Sutherland

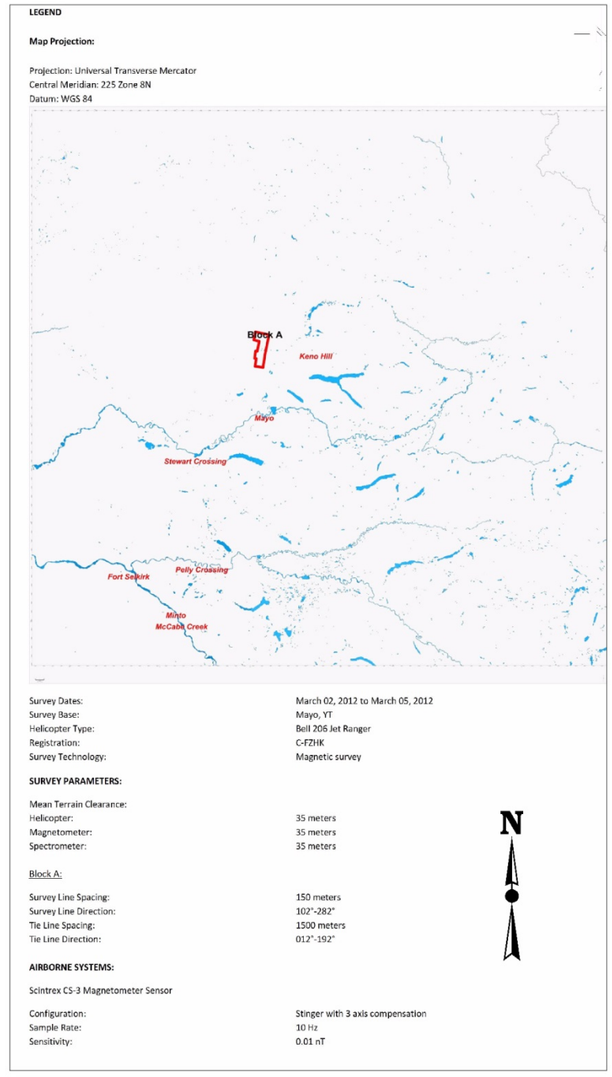
Appendix B

Geophysical Data



Legend

- Trail-Minto Claim Group
- GDX Structural Interpretation
- GDX Target areas



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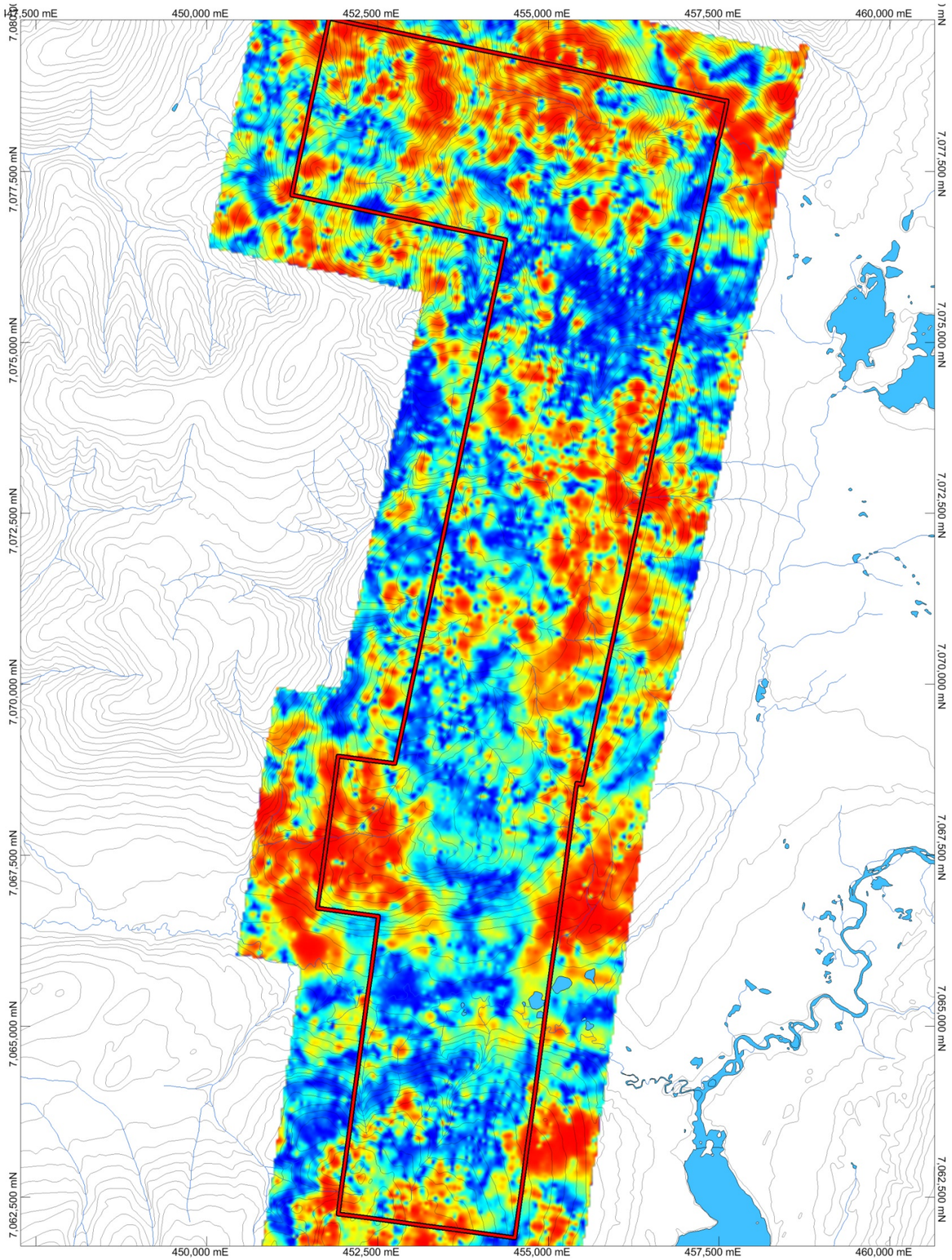
Scale 1:70,000

Mayo Lake Minerals Inc.

Total Magnetic Intensity
With GDX Interpretation
Block A



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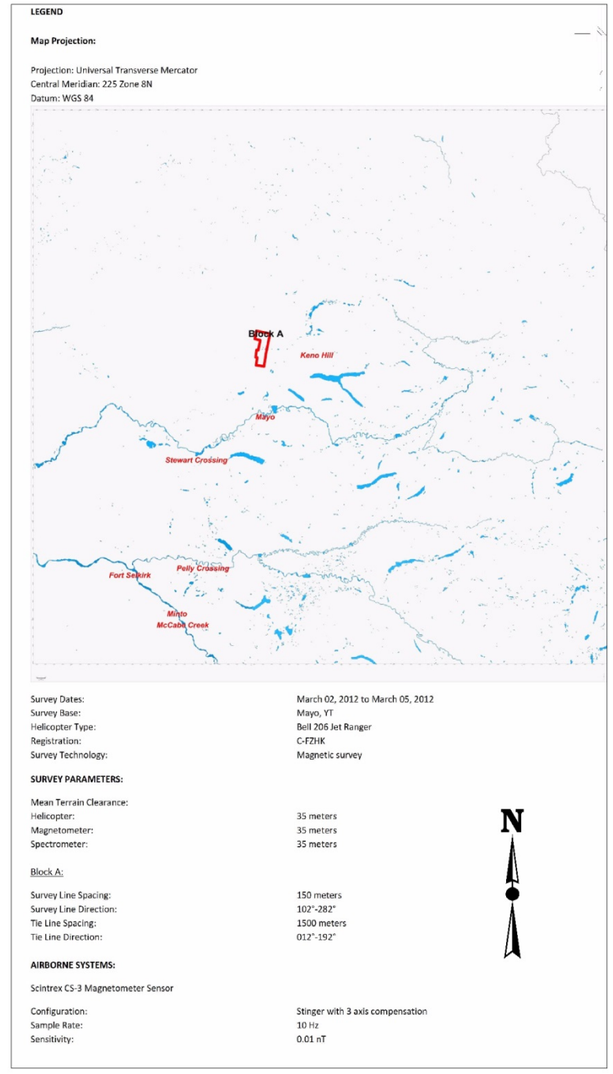
Trail-Minto Claim Group



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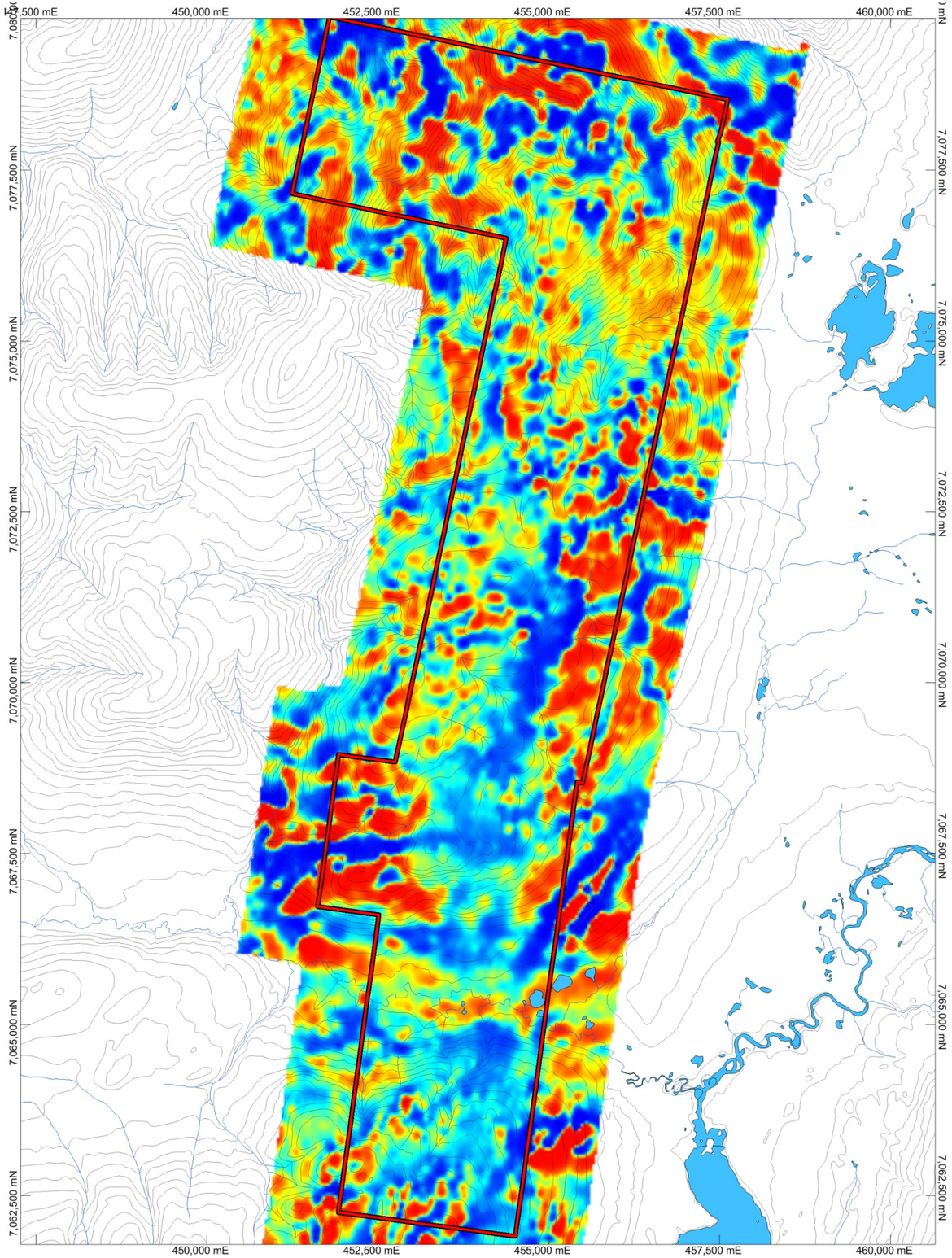
kilometres

Scale 1:71,000

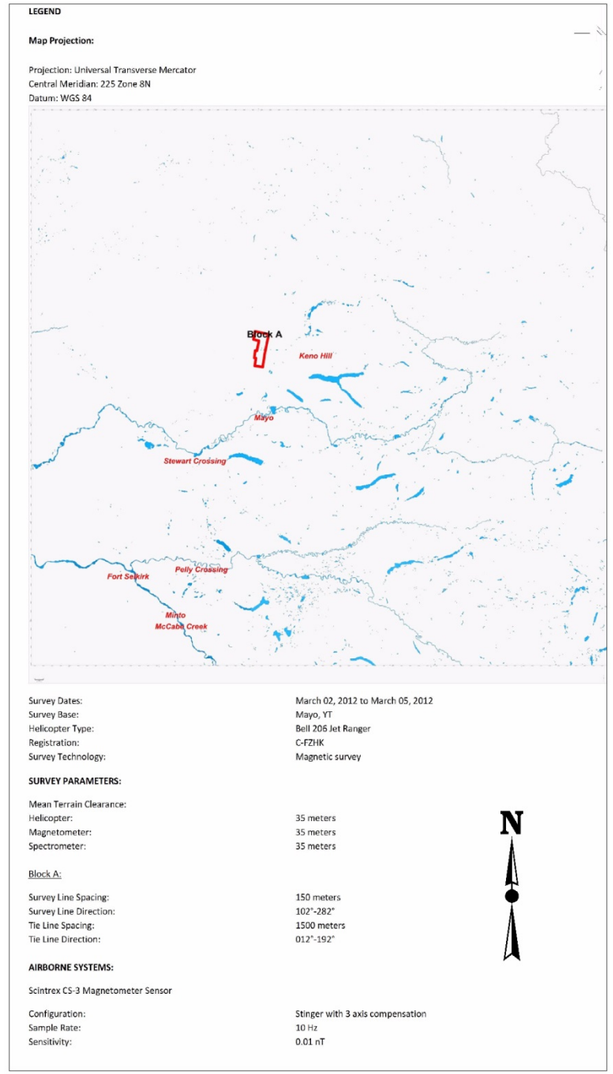
Mayo Lake Minerals Inc.

Analytic Signal
Block A



Legend

Trail-Minto Claim Group

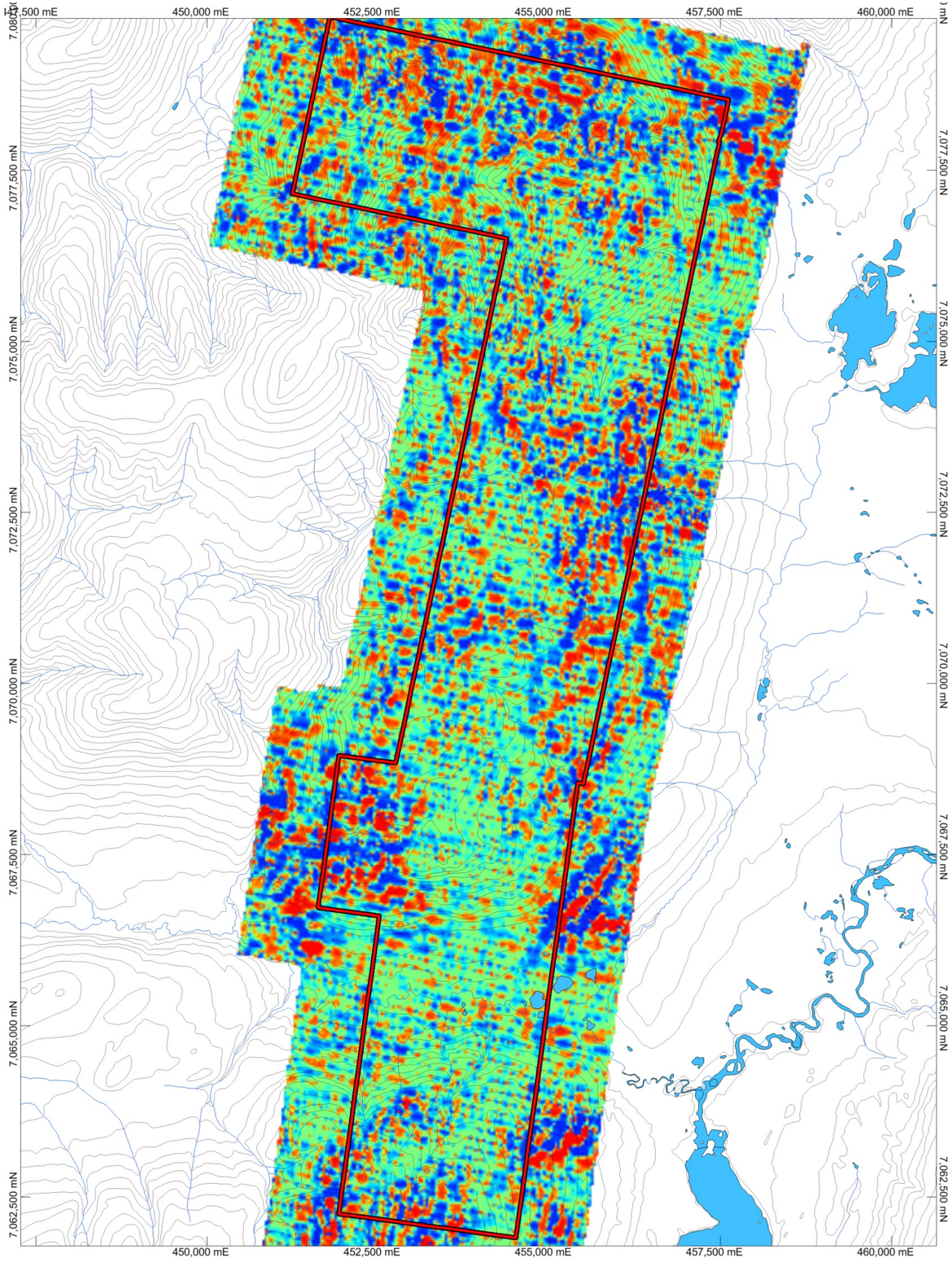


0 0.5 1 2
kilometres

Scale 1:71,000

Mayo Lake Minerals Inc.

First Vertical Derivative
Block A



Legend

Trail-Minto Claim Group

LEGEND

Map Projection:

Projection: Universal Transverse Mercator
Central Meridian: 225 Zone 8N
Datum: WGS 84

Survey Dates:	March 02, 2012 to March 05, 2012
Survey Base:	Mayo, YT
Helicopter Type:	Bell 206 Jet Ranger
Registration:	C-FZHK
Survey Technology:	Magnetic survey

SURVEY PARAMETERS:

Mean Terrain Clearance:	
Helicopter:	35 meters
Magnetometer:	35 meters
Spectrometer:	35 meters

Block A:

Survey Line Spacing:	150 meters
Survey Line Direction:	102°-282°
Tie Line Spacing:	1500 meters
Tie Line Direction:	012°-192°

AIRBORNE SYSTEMS:

Scintrex CS-3 Magnetometer Sensor

Configuration:	Stinger with 3 axis compensation
Sample Rate:	10 Hz
Sensitivity:	0.01 nT

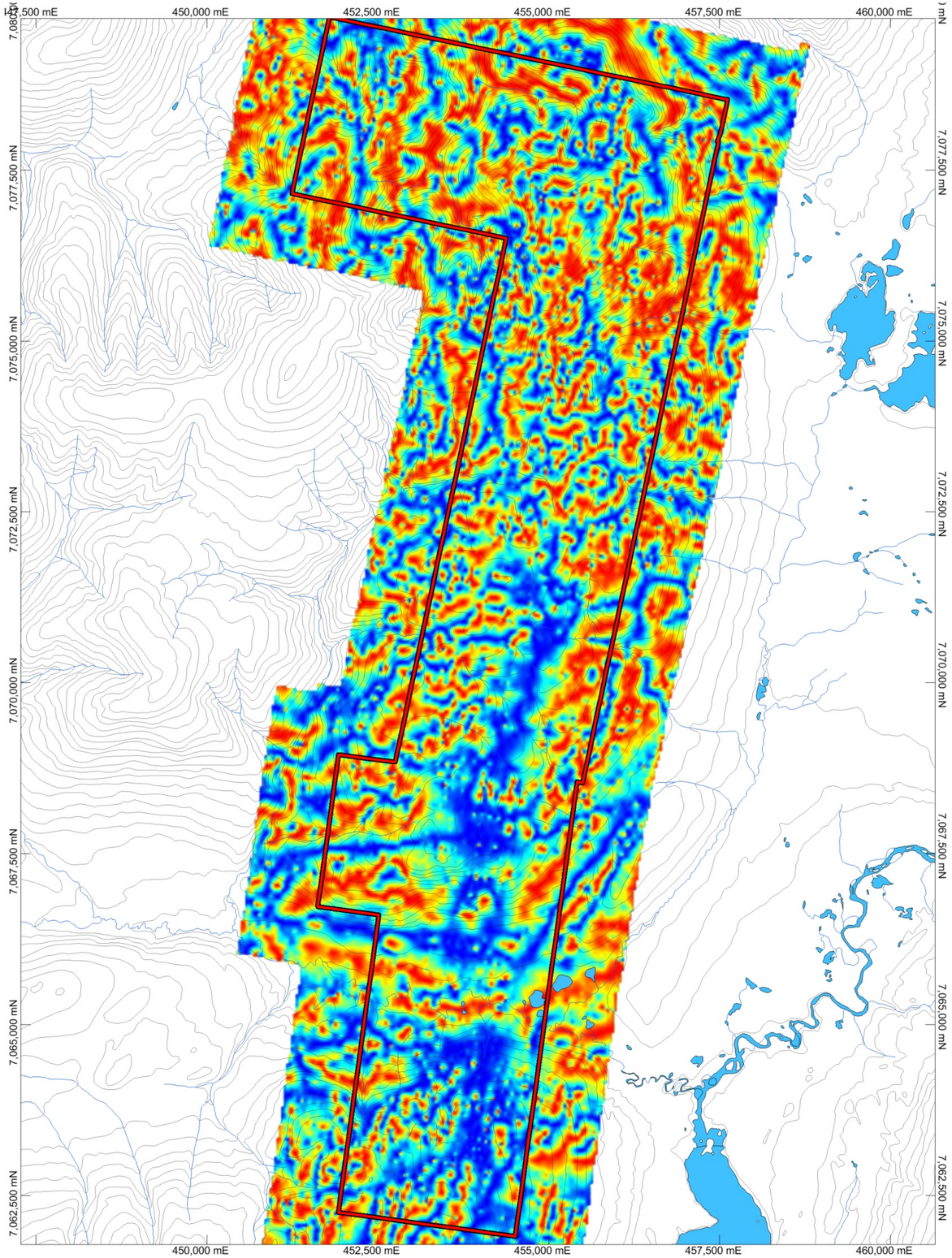
N

0 0.5 1 2
kilometres

Scale 1:71,000

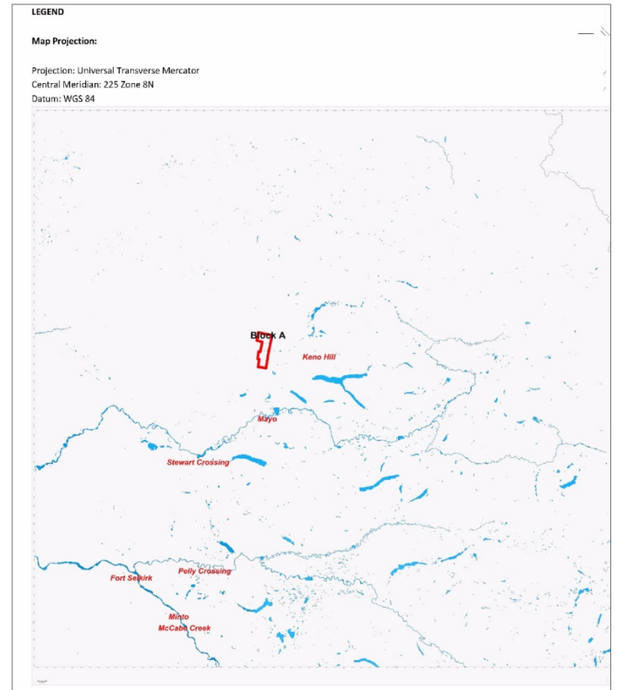
Mayo Lake Minerals Inc.

Second Vertical Derivative
Block A



Legend

Trail-Minto Claim Group



LEGEND

Map Projection:

Projection: Universal Transverse Mercator
Central Meridian: 225 Zone 8N
Datum: WGS 84

Survey Dates:	March 02, 2012 to March 05, 2012
Survey Base:	Mayo, YT
Helicopter Type:	Bell 206 Jet Ranger
Registration:	C-FZHK
Survey Technology:	Magnetic survey

SURVEY PARAMETERS:

Mean Terrain Clearance:	
Helicopter:	35 meters
Magnetometer:	35 meters
Spectrometer:	35 meters
Block A:	
Survey Line Spacing:	150 meters
Survey Line Direction:	102°-282°
Tie Line Spacing:	1500 meters
Tie Line Direction:	012°-192°

AIRBORNE SYSTEMS:

Scintrex CS-3 Magnetometer Sensor

Configuration:	Stinger with 3 axis compensation
Sample Rate:	10 Hz
Sensitivity:	0.01 nT

N

0 0.5 1 2
kilometres

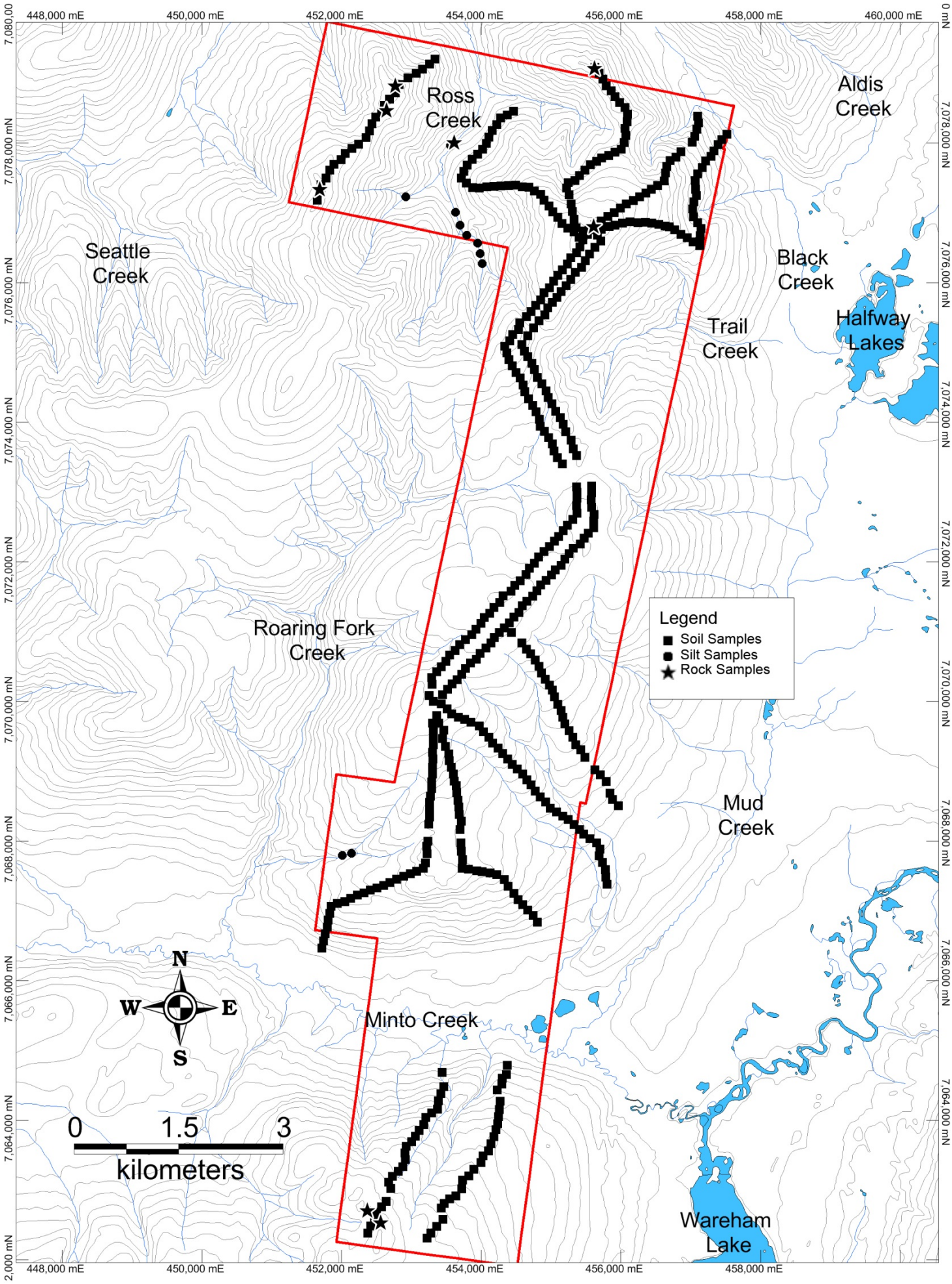
Scale 1:71,000

Mayo Lake Minerals Inc.

Tilt Derivative
Block A

Appendix C

Sample Collection Data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452,000 mE
454,000 mE
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7,080,00
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7,070,000 mN
7,068,000 mN
7,066,000 mN
7,064,000 mN
2,000 mN
Ross Creek
Aldis Creek
Seattle Creek
Black Creek
Trail Creek
Halfway Lakes
Roaring Fork Creek
Mud Creek
Minto Creek
Wareham Lake
Legend
Soil Samples
Silt Samples
Rock Samples
N
W
E
S
0
1.5
3
kilometers

Sample ID	Sample Type	Sampler	Long_Dec	Lat_Dec	Elevation	Easting	Northing	Datum
126496	Soil	JamesSullivan	-135.902	63.8362	1221.6	455629.7	7079080	WGS84_8V
126497	Soil	JamesSullivan	-135.901	63.8355	1209.6	455686.4	7078999	WGS84_8V
126498	Soil	JamesSullivan	-135.9	63.8348	1203	455742.4	7078917	WGS84_8V
126500	Soil	JamesSullivan	-135.899	63.8339	1192.6	455789.7	7078821	WGS84_8V
126501	Soil	JamesSullivan	-135.897	63.8333	1184.5	455861.1	7078747	WGS84_8V
126502	Soil	JamesSullivan	-135.896	63.8325	1198.1	455917.2	7078663	WGS84_8V
126503	Soil	JamesSullivan	-135.895	63.8318	1189.7	455981.9	7078579	WGS84_8V
126504	Soil	JamesSullivan	-135.893	63.8312	1182.4	456060.8	7078510	WGS84_8V
126505	Soil	JamesSullivan	-135.892	63.8303	1159.9	456090.9	7078414	WGS84_8V
126506	Soil	JamesSullivan	-135.892	63.8294	1153.6	456089.2	7078307	WGS84_8V
126507	Soil	JamesSullivan	-135.893	63.8285	1142.1	456060.1	7078210	WGS84_8V
126508	Soil	JamesSullivan	-135.893	63.8276	1139.1	456072.6	7078105	WGS84_8V
126509	Soil	JamesSullivan	-135.893	63.8266	1146.9	456044.6	7078003	WGS84_8V
126510	Soil	JamesSullivan	-135.894	63.8258	1148.4	456006.4	7077912	WGS84_8V
126511	Soil	JamesSullivan	-135.896	63.8254	1162.3	455916.7	7077870	WGS84_8V
126512	Soil	JamesSullivan	-135.898	63.825	1171.1	455827.3	7077820	WGS84_8V
126513	Soil	JamesSullivan	-135.9	63.8247	1168.9	455725.7	7077787	WGS84_8V
126514	Soil	JamesSullivan	-135.901	63.8242	1151.4	455650.2	7077738	WGS84_8V
126515	Soil	JamesSullivan	-135.903	63.8237	1134.9	455560.1	7077687	WGS84_8V
126516	Soil	JamesSullivan	-135.904	63.8231	1124.4	455482	7077613	WGS84_8V
126517	Soil	JamesSullivan	-135.906	63.8223	1122.1	455409.4	7077533	WGS84_8V
126518	Soil	JamesSullivan	-135.907	63.8217	1125.9	455340.7	7077463	WGS84_8V
126519	Soil	JamesSullivan	-135.909	63.8214	1137.2	455246.3	7077432	WGS84_8V
126520	Soil	JamesSullivan	-135.91	63.8207	1156.2	455220.6	7077353	WGS84_8V
126521	Soil	JamesSullivan	-135.909	63.8198	1199.6	455257.3	7077258	WGS84_8V
126522	Soil	JamesSullivan	-135.908	63.8187	1257.9	455288.8	7077129	WGS84_8V
126523	Soil	JamesSullivan	-135.908	63.8177	1283.6	455306.1	7077018	WGS84_8V
126524	Soil	JamesSullivan	-135.907	63.8167	1310.6	455331.3	7076905	WGS84_8V
126525	Soil	JamesSullivan	-135.907	63.8156	1343.7	455356.6	7076784	WGS84_8V
126563	Soil	JamesSullivan	-135.948	63.7337	1039.1	453197.3	7067685	WGS84_8V
126564	Soil	JamesSullivan	-135.948	63.733	1031.4	453167.4	7067611	WGS84_8V
126565	Soil	JamesSullivan	-135.95	63.7326	1016.7	453073.7	7067567	WGS84_8V
126566	Soil	JamesSullivan	-135.952	63.7323	1003.9	452985.9	7067531	WGS84_8V
126567	Soil	JamesSullivan	-135.954	63.7319	991.1	452890.8	7067497	WGS84_8V
126568	Soil	JamesSullivan	-135.956	63.7315	969.9	452789.5	7067452	WGS84_8V
126569	Soil	JamesSullivan	-135.958	63.7311	949.7	452692.6	7067405	WGS84_8V
126570	Soil	JamesSullivan	-135.96	63.7307	943	452601.6	7067362	WGS84_8V
126571	Soil	JamesSullivan	-135.962	63.7304	935.1	452506	7067330	WGS84_8V
126572	Soil	JamesSullivan	-135.964	63.7301	930.3	452410.2	7067299	WGS84_8V
126573	Soil	JamesSullivan	-135.966	63.7297	917.5	452319.7	7067256	WGS84_8V
126574	Soil	JamesSullivan	-135.967	63.7295	909.9	452224.2	7067229	WGS84_8V
126575	Soil	JamesSullivan	-135.969	63.729	909.4	452130.2	7067177	WGS84_8V
126576	Soil	JamesSullivan	-135.971	63.7286	911.7	452046.5	7067132	WGS84_8V
126577	Soil	JamesSullivan	-135.973	63.7283	897.4	451940.7	7067109	WGS84_8V
126578	Soil	JamesSullivan	-135.975	63.7279	870.9	451849.1	7067066	WGS84_8V

Sample ID	Sample Type	Sampler	Long_Dec	Lat_Dec	Elevation	Easting	Northing	Datum
126579	Soil	JamesSullivan	-135.975	63.727	861	451828.1	7066960	WGS84_8V
126580	Soil	JamesSullivan	-135.976	63.7261	828.8	451806.9	7066867	WGS84_8V
126581	Soil	JamesSullivan	-135.976	63.7252	789.6	451795.5	7066763	WGS84_8V
126582	Soil	JamesSullivan	-135.977	63.7244	759.2	451763.2	7066669	WGS84_8V
126583	Soil	JamesSullivan	-135.977	63.7235	717.1	451741.2	7066568	WGS84_8V
126584	Soil	JamesSullivan	-135.977	63.7225	679.9	451718.8	7066464	WGS84_8V
126585	Soil	JamesSullivan	-135.944	63.7554	1166.4	453444.9	7070096	WGS84_8V
126586	Soil	JamesSullivan	-135.942	63.7561	1164.4	453519.6	7070174	WGS84_8V
126587	Soil	JamesSullivan	-135.941	63.7568	1166.5	453581.2	7070254	WGS84_8V
126588	Soil	JamesSullivan	-135.939	63.7573	1160.2	453652.2	7070313	WGS84_8V
126589	Soil	JamesSullivan	-135.938	63.758	1158.2	453717.4	7070390	WGS84_8V
126590	Soil Duplicate	JamesSullivan	-135.938	63.758	1158.2	453717.4	7070390	WGS84_8V
126591	Soil	JamesSullivan	-135.937	63.7588	1167.1	453773.5	7070474	WGS84_8V
126592	Soil	JamesSullivan	-135.936	63.7595	1172.2	453845.2	7070551	WGS84_8V
126593	Soil	JamesSullivan	-135.934	63.76	1178.9	453930.8	7070606	WGS84_8V
126594	Soil	JamesSullivan	-135.933	63.7607	1178.4	453981.2	7070689	WGS84_8V
126595	Soil	JamesSullivan	-135.931	63.7614	1179.7	454067.3	7070767	WGS84_8V
126596	Soil	JamesSullivan	-135.93	63.7621	1185.5	454139.6	7070838	WGS84_8V
126597	Soil	JamesSullivan	-135.929	63.7628	1186.9	454189.2	7070915	WGS84_8V
126598	Soil	JamesSullivan	-135.927	63.7634	1190	454258.6	7070987	WGS84_8V
126599	Soil	JamesSullivan	-135.926	63.764	1189.3	454332.6	7071053	WGS84_8V
126600	Soil	JamesSullivan	-135.925	63.7647	1191.6	454401.4	7071124	WGS84_8V
126601	Soil	JamesSullivan	-135.923	63.7654	1184.8	454465.2	7071206	WGS84_8V
126602	Soil	JamesSullivan	-135.922	63.7661	1184.8	454540.5	7071273	WGS84_8V
126603	Soil	JamesSullivan	-135.921	63.7669	1198.5	454587.2	7071369	WGS84_8V
126604	Soil	JamesSullivan	-135.919	63.7675	1192.4	454655.5	7071436	WGS84_8V
126605	Soil	JamesSullivan	-135.918	63.7682	1185.1	454735.8	7071509	WGS84_8V
126606	Soil	JamesSullivan	-135.917	63.7689	1169.4	454798.6	7071585	WGS84_8V
126607	Soil	JamesSullivan	-135.916	63.7696	1168	454850.2	7071668	WGS84_8V
126608	Soil	JamesSullivan	-135.914	63.7702	1165.8	454930.9	7071735	WGS84_8V
126609	Soil	JamesSullivan	-135.913	63.7709	1163.3	455003.1	7071811	WGS84_8V
126610	Soil	JamesSullivan	-135.911	63.7716	1163.7	455060	7071883	WGS84_8V
126611	Soil	JamesSullivan	-135.91	63.7722	1156.5	455145	7071950	WGS84_8V
126612	Soil	JamesSullivan	-135.909	63.773	1153.4	455196.4	7072037	WGS84_8V
126613	Soil	JamesSullivan	-135.907	63.7737	1146.3	455255.3	7072114	WGS84_8V
126614	Soil	JamesSullivan	-135.906	63.7744	1146	455319	7072193	WGS84_8V
126615	Soil	JamesSullivan	-135.904	63.775	1148.8	455418.8	7072254	WGS84_8V
126616	Soil	JamesSullivan	-135.903	63.7757	1148.9	455471.5	7072336	WGS84_8V
126617	Soil	JamesSullivan	-135.902	63.7764	1148.7	455531.5	7072410	WGS84_8V
126618	Soil	JamesSullivan	-135.9	63.7771	1142.5	455610.1	7072486	WGS84_8V
126619	Soil	JamesSullivan	-135.9	63.7779	1149.6	455612.4	7072582	WGS84_8V
126620	Soil	JamesSullivan	-135.9	63.7788	1151	455618.3	7072680	WGS84_8V
126621	Soil	JamesSullivan	-135.901	63.7797	1161.5	455580	7072780	WGS84_8V
126622	Soil	JamesSullivan	-135.901	63.7807	1153.8	455573.7	7072888	WGS84_8V
126623	Soil	JamesSullivan	-135.901	63.7816	1136.1	455579.7	7072988	WGS84_8V

Sample ID	Sample Type	Sampler	Long_Dec	Lat_Dec	Elevation	Easting	Northing	Datum
126624	Soil	JamesSullivan	0	0	1136.1	455577.8	7073086	WGS84_8V
126852	Soil	JamesSullivan	-135.949	63.8371	999.3	453337.9	7079204	WGS84_8V
126853	Soil	JamesSullivan	-135.95	63.8364	1038.3	453258.7	7079133	WGS84_8V
126854	Soil	JamesSullivan	-135.952	63.8357	1068.2	453158.2	7079058	WGS84_8V
126855	Soil	JamesSullivan	-135.954	63.8352	1125.5	453068.5	7078998	WGS84_8V
126856	Soil	JamesSullivan	-135.956	63.8346	1167.9	452949.8	7078934	WGS84_8V
126857	Soil	JamesSullivan	-135.959	63.8337	1223.1	452826	7078837	WGS84_8V
126858	Soil	JamesSullivan	-135.96	63.8326	1250.5	452772.2	7078716	WGS84_8V
126859	Soil	JamesSullivan	-135.962	63.8318	1244	452684.2	7078627	WGS84_8V
126860	Soil	JamesSullivan	-135.963	63.831	1235	452616.5	7078541	WGS84_8V
126861	Soil	JamesSullivan	-135.964	63.8302	1223.3	452572.2	7078447	WGS84_8V
126862	Soil	JamesSullivan	-135.965	63.8295	1230.8	452490	7078370	WGS84_8V
126863	Soil	JamesSullivan	-135.967	63.8286	1216.9	452432.1	7078275	WGS84_8V
126864	Soil	JamesSullivan	-135.967	63.8277	1212.9	452397.6	7078175	WGS84_8V
126865	Soil	JamesSullivan	-135.968	63.8268	1228.4	452349.9	7078077	WGS84_8V
126866	Soil	JamesSullivan	-135.97	63.826	1245.6	452244.9	7077985	WGS84_8V
126867	Soil	JamesSullivan	-135.972	63.8254	1260.8	452148.9	7077922	WGS84_8V
126868	Soil	JamesSullivan	-135.974	63.8247	1275.3	452054.7	7077850	WGS84_8V
126869	Soil	JamesSullivan	-135.975	63.8239	1274.4	451991.3	7077763	WGS84_8V
126870	Soil	JamesSullivan	-135.978	63.8233	1297.6	451887.9	7077696	WGS84_8V
126871	Soil	JamesSullivan	-135.979	63.8226	1317.3	451831.1	7077612	WGS84_8V
126872	Soil	JamesSullivan	-135.98	63.8216	1324.1	451778.2	7077500	WGS84_8V
126873	Soil	JamesSullivan	-135.981	63.8207	1341.2	451708.3	7077403	WGS84_8V
126874	Soil	JamesSullivan	-135.981	63.8198	1352.8	451704.1	7077301	WGS84_8V
126875	Soil	JamesSullivan	-135.982	63.8187	1369.4	451654.4	7077181	WGS84_8V
128118	Soil	HugoGirard	-135.872	63.8302	855.1	457098.3	7078386	WGS84_8V
128119	Soil	HugoGirard	-135.872	63.8293	884.2	457109.3	7078288	WGS84_8V
128120	Soil	HugoGirard	-135.872	63.8285	893.8	457086.3	7078195	WGS84_8V
128121	Soil	HugoGirard	-135.873	63.8276	917.8	457054.6	7078093	WGS84_8V
128122	Soil	HugoGirard	-135.873	63.8269	947.4	457022.1	7078014	WGS84_8V
128123	Soil	HugoGirard	-135.877	63.8256	995.9	456861.6	7077875	WGS84_8V
128124	Soil	HugoGirard	-135.878	63.8249	1049.2	456787.7	7077799	WGS84_8V
128125	Soil	HugoGirard	-135.88	63.8244	1078.3	456702.8	7077750	WGS84_8V
128126	Soil	HugoGirard	-135.881	63.8237	1095.4	456655.3	7077663	WGS84_8V
128127	Soil	HugoGirard	-135.881	63.8228	1139.1	456638.8	7077567	WGS84_8V
128128	Soil	HugoGirard	-135.881	63.8218	1160.5	456621.4	7077456	WGS84_8V
128129	Soil	HugoGirard	-135.883	63.8212	1179.9	456527.3	7077392	WGS84_8V
128130	Soil	HugoGirard	-135.885	63.8207	1201.5	456437.5	7077339	WGS84_8V
128131	Soil	HugoGirard	-135.887	63.8202	1215.1	456354.4	7077280	WGS84_8V
128132	Soil	HugoGirard	-135.888	63.8197	1227.8	456265.4	7077230	WGS84_8V
128133	Soil	HugoGirard	-135.89	63.8192	1253.3	456178.2	7077175	WGS84_8V
128134	Soil	HugoGirard	-135.892	63.8188	1271.7	456075.4	7077128	WGS84_8V
128135	Soil	HugoGirard	-135.894	63.8182	1285.5	455994.6	7077067	WGS84_8V
128136	Soil	HugoGirard	-135.896	63.8177	1298	455902.7	7077004	WGS84_8V
128137	Soil	HugoGirard	-135.898	63.8172	1315.1	455812.2	7076950	WGS84_8V

Sample ID	Sample Type	Sampler	Long_Dec	Lat_Dec	Elevation	Easting	Northing	Datum
128138	Soil	HugoGirard	-135.9	63.8165	1322.5	455714.5	7076881	WGS84_8V
128139	Soil	HugoGirard	-135.901	63.816	1335.2	455629.4	7076825	WGS84_8V
128140	Soil Duplicate	HugoGirard	-135.901	63.816	1335.2	455629.4	7076825	WGS84_8V
128141	Soil	HugoGirard	-135.903	63.8156	1340.9	455543.2	7076778	WGS84_8V
128142	Soil	HugoGirard	-135.905	63.8152	1348.2	455461.6	7076736	WGS84_8V
128143	Soil	HugoGirard	-135.906	63.8144	1349.8	455399.2	7076649	WGS84_8V
128170	Soil	HugoGirard	-135.947	63.7349	1053.2	453222.7	7067818	WGS84_8V
128171	Soil	HugoGirard	-135.948	63.7359	1045.8	453218	7067929	WGS84_8V
128172	Soil	HugoGirard	-135.947	63.7365	1026.9	453237.4	7068000	WGS84_8V
128173	Soil	HugoGirard	-135.947	63.7387	1012.4	453245.1	7068244	WGS84_8V
128174	Soil	HugoGirard	-135.947	63.7396	1014.4	453258.3	7068343	WGS84_8V
128175	Soil	HugoGirard	-135.947	63.7405	1028.3	453260.2	7068440	WGS84_8V
128176	Soil	HugoGirard	-135.947	63.7415	1028.8	453260.8	7068554	WGS84_8V
128177	Soil	HugoGirard	-135.947	63.7423	1039.3	453270.4	7068646	WGS84_8V
128178	Soil	HugoGirard	-135.946	63.7432	1068.3	453287.8	7068749	WGS84_8V
128179	Soil	HugoGirard	-135.946	63.7441	1088.5	453291.6	7068849	WGS84_8V
128180	Soil	HugoGirard	-135.946	63.7451	1106.2	453303.7	7068962	WGS84_8V
128181	Soil	HugoGirard	-135.946	63.746	1119.2	453302	7069058	WGS84_8V
128182	Soil	HugoGirard	-135.946	63.747	1123.8	453306	7069172	WGS84_8V
128183	Soil	HugoGirard	-135.946	63.7479	1121.3	453303.9	7069274	WGS84_8V
128184	Soil	HugoGirard	-135.946	63.7489	1133	453315.3	7069378	WGS84_8V
128185	Soil	HugoGirard	-135.946	63.7497	1140.5	453313.5	7069474	WGS84_8V
128186	Soil	HugoGirard	-135.946	63.7506	1150.6	453311.5	7069570	WGS84_8V
128187	Soil	HugoGirard	-135.946	63.7517	1159.6	453304	7069689	WGS84_8V
128188	Soil	HugoGirard	-135.9	63.8147	1328.3	455666.1	7076679	WGS84_8V
128189	Soil	HugoGirard	-135.9	63.814	1315.1	455709.6	7076598	WGS84_8V
128190	Soil Duplicate	HugoGirard	-135.9	63.814	1315.1	455709.6	7076598	WGS84_8V
128191	Soil	HugoGirard	-135.901	63.8131	1313.6	455625.9	7076504	WGS84_8V
128192	Soil	HugoGirard	-135.903	63.8123	1306.2	455547.7	7076408	WGS84_8V
128193	Soil	HugoGirard	-135.904	63.8114	1308.8	455489.8	7076312	WGS84_8V
128194	Soil	HugoGirard	-135.905	63.8105	1307.6	455435.7	7076218	WGS84_8V
128195	Soil	HugoGirard	-135.907	63.8099	1308.6	455343.7	7076145	WGS84_8V
128196	Soil	HugoGirard	-135.908	63.809	1299.3	455280.1	7076045	WGS84_8V
128197	Soil	HugoGirard	-135.909	63.8082	1295.6	455213.4	7075956	WGS84_8V
128198	Soil	HugoGirard	-135.911	63.8074	1285.4	455145.2	7075871	WGS84_8V
128199	Soil	HugoGirard	-135.912	63.8066	1276.8	455084.6	7075786	WGS84_8V
128200	Soil	HugoGirard	-135.913	63.806	1269.5	455016.3	7075713	WGS84_8V
128201	Soil	HugoGirard	-135.915	63.8053	1263.9	454950.7	7075637	WGS84_8V
128202	Soil	HugoGirard	-135.915	63.8043	1256.3	454911	7075535	WGS84_8V
128203	Soil	HugoGirard	-135.917	63.8036	1217.9	454829	7075450	WGS84_8V
128204	Soil	HugoGirard	-135.919	63.8027	1204.5	454750.2	7075350	WGS84_8V
128205	Soil	HugoGirard	-135.92	63.8017	1258.6	454663.6	7075239	WGS84_8V
128206	Soil	HugoGirard	-135.922	63.8005	1263.2	454583.2	7075111	WGS84_8V
128207	Soil	HugoGirard	-135.921	63.7997	1249.8	454618.9	7075019	WGS84_8V
128208	Soil	HugoGirard	-135.92	63.799	1223.4	454665.9	7074939	WGS84_8V

Sample ID	Sample Type	Sampler	Long_Dec	Lat_Dec	Elevation	Easting	Northing	Datum
128209	Soil	HugoGirard	-135.919	63.7981	1193	454723.3	7074842	WGS84_8V
128210	Soil	HugoGirard	-135.918	63.7973	1183.4	454760.3	7074755	WGS84_8V
128211	Soil	HugoGirard	-135.917	63.7963	1164.3	454803.4	7074641	WGS84_8V
128212	Soil	HugoGirard	-135.916	63.7955	1151.5	454866.9	7074550	WGS84_8V
128213	Soil	HugoGirard	-135.915	63.7946	1135.3	454926.7	7074450	WGS84_8V
128214	Soil	HugoGirard	-135.914	63.7938	1126.2	454956.6	7074355	WGS84_8V
128215	Soil	HugoGirard	-135.913	63.7929	1124.1	455013.3	7074260	WGS84_8V
128216	Soil	HugoGirard	-135.912	63.792	1124.9	455064.7	7074153	WGS84_8V
128217	Soil	HugoGirard	-135.911	63.7912	1131.7	455130.8	7074065	WGS84_8V
128218	Soil	HugoGirard	-135.91	63.7903	1125	455173.8	7073968	WGS84_8V
128219	Soil	HugoGirard	-135.909	63.7894	1120.9	455209.7	7073861	WGS84_8V
128220	Soil	HugoGirard	-135.907	63.7883	1117.9	455285.4	7073741	WGS84_8V
128221	Soil	HugoGirard	-135.907	63.7872	1119	455318.8	7073619	WGS84_8V
128222	Soil	HugoGirard	-135.906	63.7863	1119.4	455362.6	7073522	WGS84_8V
128413	Soil	HugoGirard	-135.923	63.7078	672	454370	7064785	WGS84_8V
128414	Soil	HugoGirard	-135.923	63.7066	0	454361.2	7064654	WGS84_8V
128415	Soil	HugoGirard	-135.925	63.7061	717.9	454300.1	7064600	WGS84_8V
128416	Soil	HugoGirard	-135.925	63.7054	742.1	454294.2	7064519	WGS84_8V
128417	Soil	HugoGirard	-135.926	63.7047	754.3	454229.8	7064435	WGS84_8V
128418	Soil	HugoGirard	-135.925	63.7032	772.4	454271.4	7064274	WGS84_8V
128419	Soil	HugoGirard	-135.925	63.7021	790.5	454257.2	7064152	WGS84_8V
128420	Soil	HugoGirard	-135.926	63.7012	821.7	454247.9	7064050	WGS84_8V
128421	Soil	HugoGirard	-135.926	63.7003	829.7	454236.3	7063952	WGS84_8V
128422	Soil	HugoGirard	-135.926	63.6995	855.2	454210.1	7063864	WGS84_8V
128423	Soil	HugoGirard	-135.927	63.6986	873.7	454183.6	7063763	WGS84_8V
128424	Soil	HugoGirard	-135.928	63.6977	880.2	454136.1	7063660	WGS84_8V
128425	Soil	HugoGirard	-135.928	63.6968	878.7	454102.3	7063560	WGS84_8V
128426	Soil	HugoGirard	-135.93	63.6961	890.4	454024.9	7063487	WGS84_8V
128427	Soil	HugoGirard	-135.93	63.6953	899.6	453995.5	7063397	WGS84_8V
128428	Soil	HugoGirard	-135.932	63.6944	910.9	453894.4	7063296	WGS84_8V
128429	Soil	HugoGirard	-135.934	63.6936	919.9	453822.2	7063204	WGS84_8V
128430	Soil	HugoGirard	-135.936	63.693	942.6	453734.7	7063145	WGS84_8V
128431	Soil	HugoGirard	-135.936	63.6919	947.5	453721.6	7063019	WGS84_8V
128432	Soil	HugoGirard	-135.938	63.691	954	453637.5	7062917	WGS84_8V
128433	Soil	HugoGirard	-135.939	63.6906	965.1	453548	7062874	WGS84_8V
128434	Soil	HugoGirard	-135.941	63.69	977.4	453467.4	7062808	WGS84_8V
128435	Soil	HugoGirard	-135.942	63.6894	994	453429.3	7062743	WGS84_8V
128436	Soil	HugoGirard	-135.941	63.6879	1011.8	453448.7	7062579	WGS84_8V
128437	Soil	HugoGirard	-135.943	63.687	1028.1	453363.4	7062477	WGS84_8V
128438	Soil	HugoGirard	-135.945	63.6861	1029	453278.2	7062383	WGS84_8V
128439	Soil	HugoGirard	-135.946	63.6855	1037.3	453223.3	7062315	WGS84_8V
128440	Soil Duplicate	HugoGirard	-135.946	63.6855	1037.3	453223.3	7062315	WGS84_8V
131684	Soil	JoshJudson	-135.925	63.8305	0	454459.9	7078453	WGS84_8V
131685	Soil	JoshJudson	-135.927	63.83	0	454374.4	7078402	WGS84_8V
131686	Soil	JoshJudson	-135.929	63.8296	0	454277	7078358	WGS84_8V

Sample ID	Sample Type	Sampler	Long_Dec	Lat_Dec	Elevation	Easting	Northing	Datum
131687	Soil	JoshJudson	-135.93	63.8287	0	454219.6	7078263	WGS84_8V
131688	Soil	JoshJudson	-135.932	63.828	0	454159	7078181	WGS84_8V
131689	Soil	JoshJudson	-135.932	63.8271	0	454111	7078086	WGS84_8V
131690	Soil	JoshJudson	-135.933	63.8263	0	454072.8	7077996	WGS84_8V
131691	Soil	JoshJudson	-135.934	63.8255	0	454017.7	7077908	WGS84_8V
131692	Soil	JoshJudson	-135.936	63.8249	0	453944.6	7077837	WGS84_8V
131693	Soil	JoshJudson	-135.937	63.8242	0	453871.2	7077767	WGS84_8V
131694	Soil	JoshJudson	-135.939	63.8235	0	453799.6	7077686	WGS84_8V
131695	Soil	JoshJudson	-135.94	63.8227	0	453748.3	7077593	WGS84_8V
131696	Soil	JoshJudson	-135.94	63.8218	0	453715.7	7077500	WGS84_8V
131697	Soil	JoshJudson	-135.939	63.8212	0	453786	7077424	WGS84_8V
131698	Soil	JoshJudson	-135.937	63.8206	0	453874	7077359	WGS84_8V
131699	Soil	JoshJudson	-135.935	63.8206	0	453974.2	7077356	WGS84_8V
131700	Soil	JoshJudson	-135.933	63.8207	0	454077.2	7077370	WGS84_8V
131701	Soil	JoshJudson	-135.931	63.8208	0	454181.6	7077377	WGS84_8V
131702	Soil	JoshJudson	-135.929	63.8208	0	454284.5	7077383	WGS84_8V
131703	Soil	JoshJudson	-135.927	63.8209	0	454387.8	7077389	WGS84_8V
131704	Soil	JoshJudson	-135.925	63.821	0	454490.1	7077395	WGS84_8V
131705	Soil	JoshJudson	-135.923	63.8208	0	454588.6	7077371	WGS84_8V
131706	Soil	JoshJudson	-135.921	63.8208	0	454685.7	7077369	WGS84_8V
131707	Soil	JoshJudson	-135.919	63.8203	0	454763.6	7077315	WGS84_8V
131708	Soil	JoshJudson	-135.917	63.8199	0	454851.2	7077266	WGS84_8V
131709	Soil	JoshJudson	-135.916	63.8191	0	454898.7	7077178	WGS84_8V
131710	Soil	JoshJudson	-135.915	63.8184	0	454967.1	7077099	WGS84_8V
131711	Soil	JoshJudson	-135.914	63.8176	0	455025.7	7077014	WGS84_8V
131712	Soil	JoshJudson	-135.912	63.8169	0	455096.5	7076933	WGS84_8V
131713	Soil	JoshJudson	-135.911	63.8161	0	455157.5	7076844	WGS84_8V
131714	Soil	JoshJudson	-135.909	63.8156	0	455239.7	7076781	WGS84_8V
131715	Soil	JoshJudson	-135.907	63.8151	0	455329	7076728	WGS84_8V
131751	Soil	JoshJudson	-135.895	63.7313	0	455800.8	7067380	WGS84_8V
131752	Soil	JoshJudson	-135.895	63.7322	0	455785.5	7067481	WGS84_8V
131753	Soil	JoshJudson	-135.896	63.7332	0	455776.1	7067592	WGS84_8V
131754	Soil	JoshJudson	-135.897	63.7341	0	455734.2	7067694	WGS84_8V
131755	Soil	JoshJudson	-135.897	63.7349	0	455689.1	7067785	WGS84_8V
131756	Soil	JoshJudson	-135.897	63.7358	0	455697.4	7067884	WGS84_8V
131757	Soil	JoshJudson	-135.898	63.7366	0	455652.8	7067976	WGS84_8V
131758	Soil	JoshJudson	-135.9	63.7371	0	455555.2	7068035	WGS84_8V
131759	Soil	JoshJudson	-135.902	63.7377	0	455466.7	7068096	WGS84_8V
131760	Soil	JoshJudson	-135.903	63.7383	0	455404.2	7068167	WGS84_8V
131761	Soil	JoshJudson	-135.905	63.7389	0	455329.3	7068234	WGS84_8V
131762	Soil	JoshJudson	-135.907	63.7395	0	455243.6	7068308	WGS84_8V
131763	Soil	JoshJudson	-135.908	63.74	0	455166.3	7068358	WGS84_8V
131764	Soil	JoshJudson	-135.91	63.7405	0	455076.4	7068413	WGS84_8V
131765	Soil	JoshJudson	-135.912	63.741	0	454988.3	7068471	WGS84_8V
131766	Soil	JoshJudson	-135.913	63.7417	0	454919.6	7068558	WGS84_8V

Sample ID	Sample Type	Sampler	Long_Dec	Lat_Dec	Elevation	Easting	Northing	Datum
131767	Soil	JoshJudson	-135.915	63.7424	0	454844.4	7068630	WGS84_8V
131768	Soil	JoshJudson	-135.916	63.7431	0	454773.7	7068714	WGS84_8V
131769	Soil	JoshJudson	-135.918	63.7439	0	454710.3	7068805	WGS84_8V
131770	Soil	JoshJudson	-135.919	63.7446	0	454654.6	7068879	WGS84_8V
131771	Soil	JoshJudson	-135.92	63.7453	0	454592.2	7068959	WGS84_8V
131772	Soil	JoshJudson	-135.922	63.7459	0	454516.7	7069030	WGS84_8V
131773	Soil	JoshJudson	-135.923	63.7465	0	454440.9	7069095	WGS84_8V
131774	Soil	JoshJudson	-135.924	63.7472	0	454380.2	7069177	WGS84_8V
131775	Soil	JoshJudson	-135.926	63.7479	0	454306.7	7069254	WGS84_8V
131776	Soil	JoshJudson	-135.927	63.7486	0	454239	7069333	WGS84_8V
131777	Soil	JoshJudson	-135.929	63.7492	0	454161.9	7069400	WGS84_8V
131778	Soil	JoshJudson	-135.93	63.75	0	454108.9	7069487	WGS84_8V
131779	Soil	JoshJudson	-135.932	63.7506	0	454030.8	7069562	WGS84_8V
131780	Soil	JoshJudson	-135.933	63.7514	0	453972.9	7069649	WGS84_8V
131781	Soil	JoshJudson	-135.935	63.7519	0	453854.3	7069701	WGS84_8V
131782	Soil	JoshJudson	-135.937	63.7522	0	453763.3	7069741	WGS84_8V
131783	Soil	JoshJudson	-135.939	63.7525	0	453673.2	7069776	WGS84_8V
131784	Soil	JoshJudson	-135.941	63.7529	0	453575.5	7069821	WGS84_8V
131785	Soil	JoshJudson	-135.942	63.7535	0	453509.7	7069890	WGS84_8V
131786	Soil	JoshJudson	-135.944	63.7542	0	453428	7069964	WGS84_8V
131787	Soil	JoshJudson	-135.946	63.7545	0	453315.5	7069999	WGS84_8V
131788	Soil	JoshJudson	-135.947	63.7552	0	453256.8	7070082	WGS84_8V
131789	Soil	JoshJudson	-135.902	63.8155	0	455583.2	7076769	WGS84_8V
131790	Soil Duplicate	JoshJudson	-135.902	63.8155	0	455583.2	7076769	WGS84_8V
131791	Soil	JoshJudson	-135.903	63.8148	0	455517.9	7076692	WGS84_8V
131792	Soil	JoshJudson	-135.905	63.8141	0	455453.4	7076614	WGS84_8V
131793	Soil	JoshJudson	-135.906	63.8132	0	455412.4	7076514	WGS84_8V
131794	Soil	JoshJudson	-135.907	63.8124	0	455364.4	7076426	WGS84_8V
131795	Soil	JoshJudson	-135.908	63.8118	0	455280.5	7076357	WGS84_8V
131796	Soil	JoshJudson	-135.909	63.8109	0	455233.9	7076264	WGS84_8V
131797	Soil	JoshJudson	-135.911	63.8102	0	455161.8	7076185	WGS84_8V
131798	Soil	JoshJudson	-135.912	63.8095	0	455098.4	7076104	WGS84_8V
131799	Soil	JoshJudson	-135.913	63.8087	0	455036.1	7076019	WGS84_8V
131800	Soil	JoshJudson	-135.914	63.8079	0	454975.9	7075927	WGS84_8V
131801	Soil	JoshJudson	-135.916	63.8072	0	454898.8	7075854	WGS84_8V
131802	Soil	JoshJudson	-135.917	63.8063	0	454852.1	7075749	WGS84_8V
131803	Soil	JoshJudson	-135.918	63.8056	0	454779.1	7075673	WGS84_8V
131804	Soil	JoshJudson	-135.919	63.8048	0	454714	7075584	WGS84_8V
131805	Soil	JoshJudson	-135.921	63.8041	0	454644.7	7075511	WGS84_8V
131806	Soil	JoshJudson	-135.923	63.8033	0	454548.9	7075426	WGS84_8V
131807	Soil	JoshJudson	-135.923	63.8024	0	454532.2	7075327	WGS84_8V
131808	Soil	JoshJudson	-135.925	63.8018	0	454449.5	7075259	WGS84_8V
131809	Soil	JoshJudson	-135.926	63.801	0	454408.1	7075166	WGS84_8V
131810	Soil	JoshJudson	-135.927	63.8003	0	454338.1	7075091	WGS84_8V
131811	Soil	JoshJudson	-135.926	63.7994	0	454367.3	7074992	WGS84_8V

Sample ID	Sample Type	Sampler	Long_Dec	Lat_Dec	Elevation	Easting	Northing	Datum
131812	Soil	JoshJudson	-135.926	63.7985	0	454396.5	7074896	WGS84_8V
131813	Soil	JoshJudson	-135.925	63.7977	0	454446.7	7074804	WGS84_8V
131814	Soil	JoshJudson	-135.924	63.7969	0	454494.8	7074710	WGS84_8V
131815	Soil	JoshJudson	-135.922	63.7962	0	454557.5	7074632	WGS84_8V
131816	Soil	JoshJudson	-135.922	63.7953	0	454598.6	7074535	WGS84_8V
131817	Soil	JoshJudson	-135.921	63.7944	0	454624.3	7074436	WGS84_8V
131818	Soil	JoshJudson	-135.92	63.7935	0	454679.2	7074334	WGS84_8V
131819	Soil	JoshJudson	-135.919	63.7927	0	454739.6	7074242	WGS84_8V
131820	Soil	JoshJudson	-135.918	63.7919	0	454783.4	7074152	WGS84_8V
131821	Soil	JoshJudson	-135.917	63.791	0	454830.7	7074044	WGS84_8V
131822	Soil	JoshJudson	-135.916	63.79	0	454846.2	7073942	WGS84_8V
131823	Soil	JoshJudson	-135.915	63.7894	0	454906.6	7073866	WGS84_8V
131824	Soil	JoshJudson	-135.914	63.7886	0	454963	7073777	WGS84_8V
131825	Soil	JoshJudson	-135.913	63.7878	0	455019.4	7073688	WGS84_8V
131826	Soil	JoshJudson	-135.912	63.7869	0	455042.6	7073587	WGS84_8V
131827	Soil	JoshJudson	-135.911	63.7861	0	455087.2	7073494	WGS84_8V
131828	Soil	JoshJudson	-135.91	63.7853	0	455162.8	7073405	WGS84_8V
132344	Soil	JoelDemers	-135.863	63.8279	758.8	457517.4	7078123	WGS84_8V
132345	Soil	JoelDemers	-135.865	63.8272	784.4	457446.1	7078046	WGS84_8V
132346	Soil	JoelDemers	-135.866	63.8266	825.8	457390.3	7077979	WGS84_8V
132347	Soil	JoelDemers	-135.867	63.8258	868.2	457332.6	7077888	WGS84_8V
132348	Soil	JoelDemers	-135.868	63.8251	894.5	457288	7077811	WGS84_8V
132349	Soil	JoelDemers	-135.869	63.8244	928.7	457212.1	7077742	WGS84_8V
132350	Soil	JoelDemers	-135.87	63.8236	972.4	457164.7	7077648	WGS84_8V
132351	Soil	JoelDemers	-135.872	63.8228	995.8	457095.5	7077557	WGS84_8V
132352	Soil	JoelDemers	-135.872	63.8219	1010.9	457064.3	7077460	WGS84_8V
132353	Soil	JoelDemers	-135.872	63.8208	1003.3	457070.9	7077339	WGS84_8V
132354	Soil	JoelDemers	-135.872	63.82	1001.2	457082	7077248	WGS84_8V
132355	Soil	JoelDemers	-135.873	63.8191	1008.3	457044	7077154	WGS84_8V
132356	Soil	JoelDemers	-135.873	63.8182	1013.6	457024.6	7077055	WGS84_8V
132357	Soil	JoelDemers	-135.873	63.8172	1004.5	457037.4	7076942	WGS84_8V
132358	Soil	JoelDemers	-135.871	63.8165	1018.5	457095.6	7076859	WGS84_8V
132359	Soil	JoelDemers	-135.87	63.8158	1015.6	457147	7076776	WGS84_8V
132360	Soil	JoelDemers	-135.871	63.8149	1028.8	457136.3	7076675	WGS84_8V
132361	Soil	JoelDemers	-135.871	63.8141	1028.9	457129.8	7076586	WGS84_8V
132362	Soil	JoelDemers	-135.871	63.8135	1030.9	457126.6	7076527	WGS84_8V
132363	Soil	JoelDemers	-135.873	63.814	1044.8	457033.4	7076582	WGS84_8V
132364	Soil	JoelDemers	-135.874	63.8145	1070	456948.1	7076643	WGS84_8V
132365	Soil	JoelDemers	-135.876	63.815	1094	456858.1	7076690	WGS84_8V
132366	Soil	JoelDemers	-135.878	63.8155	1126.2	456771.8	7076754	WGS84_8V
132367	Soil	JoelDemers	-135.88	63.8159	1150.8	456692.5	7076799	WGS84_8V
132368	Soil	JoelDemers	-135.881	63.816	1166.4	456629.3	7076808	WGS84_8V
132369	Soil	JoelDemers	-135.883	63.8162	1180.5	456539.7	7076837	WGS84_8V
132370	Soil	JoelDemers	-135.885	63.8164	1200.7	456442.9	7076852	WGS84_8V
132371	Soil	JoelDemers	-135.887	63.8165	1215.2	456350.8	7076866	WGS84_8V

Sample ID	Sample Type	Sampler	Long_Dec	Lat_Dec	Elevation	Easting	Northing	Datum
132372	Soil	JoelDemers	-135.889	63.8164	1232.7	456244.5	7076859	WGS84_8V
132373	Soil	JoelDemers	-135.891	63.8165	1259.6	456127.7	7076871	WGS84_8V
132374	Soil	JoelDemers	-135.893	63.8163	1284.9	456023.6	7076853	WGS84_8V
132375	Soil	JoelDemers	-135.895	63.816	1300.7	455915.6	7076821	WGS84_8V
132376	Soil	JoelDemers	-135.897	63.8159	1317.1	455829.7	7076806	WGS84_8V
132377	Soil	JoelDemers	-135.899	63.8155	1316.3	455719.7	7076762	WGS84_8V
132378	Soil	JoelDemers	-135.902	63.8154	1335.4	455613.3	7076756	WGS84_8V
132379	Soil	JoelDemers	-135.904	63.8149	1341.3	455505.8	7076699	WGS84_8V
132419	Soil	JoelDemers	-135.915	63.7263	732.3	454801.5	7066837	WGS84_8V
132420	Soil	JoelDemers	-135.916	63.7271	766.6	454741.9	7066932	WGS84_8V
132421	Soil	JoelDemers	-135.918	63.7278	789.5	454663.2	7067011	WGS84_8V
132422	Soil	JoelDemers	-135.919	63.7285	817.6	454591.1	7067086	WGS84_8V
132423	Soil	JoelDemers	-135.921	63.7292	848.8	454525.6	7067163	WGS84_8V
132424	Soil	JoelDemers	-135.922	63.7299	879.7	454465.1	7067249	WGS84_8V
132425	Soil	JoelDemers	-135.924	63.7308	906	454383.6	7067350	WGS84_8V
132426	Soil	JoelDemers	-135.925	63.7317	936.7	454330.7	7067448	WGS84_8V
132427	Soil	JoelDemers	-135.927	63.7323	958.5	454222.8	7067517	WGS84_8V
132428	Soil	JoelDemers	-135.929	63.7325	979	454128.6	7067542	WGS84_8V
132429	Soil	JoelDemers	-135.931	63.7327	985.6	454015.7	7067564	WGS84_8V
132430	Soil	JoelDemers	-135.933	63.7328	991.1	453938	7067575	WGS84_8V
132431	Soil	JoelDemers	-135.935	63.733	1010.1	453818	7067596	WGS84_8V
132432	Soil	JoelDemers	-135.937	63.7331	1025.3	453728.8	7067612	WGS84_8V
132433	Soil	JoelDemers	-135.937	63.7342	1012.2	453730.7	7067737	WGS84_8V
132434	Soil	JoelDemers	-135.937	63.7353	997.4	453716.1	7067853	WGS84_8V
132435	Soil	JoelDemers	-135.938	63.7363	994.7	453706.4	7067973	WGS84_8V
132436	Soil	JoelDemers	-135.938	63.7381	989.5	453695.1	7068167	WGS84_8V
132437	Soil	JoelDemers	-135.938	63.7391	993.6	453711.7	7068283	WGS84_8V
132438	Soil	JoelDemers	-135.938	63.74	997.4	453685.4	7068382	WGS84_8V
132439	Soil	JoelDemers	-135.938	63.7409	1010.5	453680.7	7068487	WGS84_8V
132440	Soil Duplicate	JoelDemers	-135.938	63.7409	1010.5	453680.7	7068487	WGS84_8V
132441	Soil	JoelDemers	-135.939	63.7418	1013.9	453665.4	7068582	WGS84_8V
132442	Soil	JoelDemers	-135.939	63.7428	1026.1	453647.3	7068692	WGS84_8V
132443	Soil	JoelDemers	-135.939	63.7437	1034.6	453645	7068795	WGS84_8V
132444	Soil	JoelDemers	-135.94	63.7443	1054.2	453609.8	7068860	WGS84_8V
132445	Soil	JoelDemers	-135.94	63.7452	1059.7	453599.7	7068958	WGS84_8V
132446	Soil	JoelDemers	-135.941	63.746	1082.2	453571.9	7069057	WGS84_8V
132447	Soil	JoelDemers	-135.941	63.7469	1092.4	453543.8	7069151	WGS84_8V
132448	Soil	JoelDemers	-135.942	63.7477	1112.7	453535.3	7069245	WGS84_8V
132449	Soil	JoelDemers	-135.943	63.7487	1120	453484.7	7069352	WGS84_8V
132450	Soil	JoelDemers	-135.943	63.7497	1122.8	453447.3	7069466	WGS84_8V
132451	Soil	JoelDemers	-135.943	63.7508	1139.9	453460.4	7069590	WGS84_8V
132452	Soil	JoelDemers	-135.945	63.7517	1146.6	453390.8	7069690	WGS84_8V
132453	Soil	JoelDemers	-135.945	63.7526	1162.7	453363.6	7069795	WGS84_8V
132454	Soil	JoelDemers	-135.947	63.7567	1174.7	453297	7070247	WGS84_8V
132455	Soil	JoelDemers	-135.947	63.7575	1180.4	453288.5	7070341	WGS84_8V

Sample ID	Sample Type	Sampler	Long_Dec	Lat_Dec	Elevation	Easting	Northing	Datum
132456	Soil	JoelDemers	-135.945	63.7583	1172.2	453364.6	7070426	WGS84_8V
132457	Soil	JoelDemers	-135.944	63.7589	1171.1	453428.5	7070498	WGS84_8V
132458	Soil	JoelDemers	-135.943	63.7596	1161.5	453492.1	7070575	WGS84_8V
132459	Soil	JoelDemers	-135.942	63.7604	1163.6	453547.6	7070662	WGS84_8V
132460	Soil	JoelDemers	-135.94	63.761	1164.6	453624	7070728	WGS84_8V
132461	Soil	JoelDemers	-135.939	63.7618	1176	453689.6	7070813	WGS84_8V
132462	Soil	JoelDemers	-135.937	63.7625	1179.2	453774	7070885	WGS84_8V
132463	Soil	JoelDemers	-135.935	63.7631	1187.7	453865.9	7070954	WGS84_8V
132464	Soil	JoelDemers	-135.934	63.7638	1188.9	453922.3	7071032	WGS84_8V
132465	Soil	JoelDemers	-135.933	63.7646	1194.6	453994.5	7071120	WGS84_8V
132466	Soil	JoelDemers	-135.932	63.7653	1201.1	454042.1	7071201	WGS84_8V
132467	Soil	JoelDemers	-135.93	63.7659	1206.1	454122.6	7071261	WGS84_8V
132468	Soil	JoelDemers	-135.929	63.7666	1210.3	454181	7071345	WGS84_8V
132469	Soil	JoelDemers	-135.927	63.7673	1217.7	454266.3	7071417	WGS84_8V
132470	Soil	JoelDemers	-135.926	63.7682	1217.6	454314.8	7071511	WGS84_8V
132471	Soil	JoelDemers	-135.924	63.7688	1211.7	454423	7071576	WGS84_8V
132472	Soil	JoelDemers	-135.923	63.7695	1198.7	454479.2	7071660	WGS84_8V
132473	Soil	JoelDemers	-135.922	63.7701	1191.3	454558.2	7071729	WGS84_8V
132474	Soil	JoelDemers	-135.92	63.771	1167.8	454638.3	7071819	WGS84_8V
132475	Soil	JoelDemers	-135.919	63.7717	1160.7	454689.4	7071905	WGS84_8V
132476	Soil	JoelDemers	-135.917	63.7724	1147.9	454759.8	7071982	WGS84_8V
132477	Soil	JoelDemers	-135.916	63.7732	1143.7	454821.3	7072071	WGS84_8V
132478	Soil	JoelDemers	-135.915	63.7739	1148.4	454901	7072147	WGS84_8V
132479	Soil	JoelDemers	-135.913	63.7746	1138.5	454974	7072218	WGS84_8V
132480	Soil	JoelDemers	-135.912	63.7753	1148	455047.3	7072297	WGS84_8V
132481	Soil	JoelDemers	-135.911	63.7759	1139.5	455106.3	7072361	WGS84_8V
132482	Soil	JoelDemers	-135.909	63.7767	1128.6	455171.1	7072449	WGS84_8V
132483	Soil	JoelDemers	-135.908	63.7773	1146.2	455235.1	7072522	WGS84_8V
132484	Soil	JoelDemers	-135.907	63.7781	1155.3	455309.5	7072606	WGS84_8V
132485	Soil	JoelDemers	-135.905	63.7789	1161.8	455372.5	7072698	WGS84_8V
132486	Soil	JoelDemers	-135.906	63.7799	1151.5	455362.8	7072805	WGS84_8V
132487	Soil	JoelDemers	-135.905	63.7809	1146.3	455369.6	7072915	WGS84_8V
132488	Soil	JoelDemers	0	0	0	455369.3	7072993	WGS84_8V
132489	Soil	JoelDemers	-135.906	63.7823	1127.1	455364.2	7073072	WGS84_8V
132490	Soil Duplicate	JoelDemers	-135.906	63.7823	1127.1	455364.2	7073072	WGS84_8V
132833	Soil	JoelDemers	-135.892	63.7414	787.4	455964.8	7068503	WGS84_8V
132834	Soil	JoelDemers	-135.894	63.7422	812.4	455878.3	7068593	WGS84_8V
132835	Soil	JoelDemers	-135.895	63.743	824.9	455840.6	7068683	WGS84_8V
132836	Soil	JoelDemers	-135.896	63.7445	850.2	455786.4	7068850	WGS84_8V
132837	Soil	JoelDemers	-135.897	63.7453	0	455706.2	7068946	WGS84_8V
132838	Soil	JoelDemers	-135.899	63.746	906	455625	7069020	WGS84_8V
132839	Soil	JoelDemers	-135.902	63.7476	940.2	455486.8	7069200	WGS84_8V
132840	Soil Duplicate	JoelDemers	-135.902	63.7476	940.2	455486.8	7069200	WGS84_8V
132841	Soil	JoelDemers	-135.903	63.7485	963.5	455425.1	7069307	WGS84_8V
132842	Soil	JoelDemers	-135.905	63.7491	986.8	455353.9	7069376	WGS84_8V

Sample ID	Sample Type	Sampler	Long_Dec	Lat_Dec	Elevation	Easting	Northing	Datum
132843	Soil	JoelDemers	-135.906	63.7501	994.1	455308.3	7069487	WGS84_8V
132844	Soil	JoelDemers	-135.907	63.751	999.1	455258.4	7069583	WGS84_8V
132845	Soil	JoelDemers	-135.908	63.7518	1004.7	455197.1	7069676	WGS84_8V
132846	Soil	JoelDemers	-135.909	63.7527	1009	455169.1	7069773	WGS84_8V
132847	Soil	JoelDemers	-135.909	63.7535	1021.7	455146.3	7069867	WGS84_8V
132848	Soil	JoelDemers	-135.91	63.7544	1035.9	455092.6	7069961	WGS84_8V
132849	Soil	JoelDemers	-135.911	63.7553	1044.8	455045.4	7070067	WGS84_8V
132850	Soil	JoelDemers	-135.912	63.7562	1066.4	455015.5	7070163	WGS84_8V
132851	Soil	JoelDemers	-135.913	63.7568	1066.3	454973	7070234	WGS84_8V
132852	Soil	JoelDemers	-135.914	63.7575	1078.1	454917	7070319	WGS84_8V
132853	Soil	JoelDemers	-135.915	63.7583	1091.9	454861.9	7070406	WGS84_8V
132854	Soil	JoelDemers	-135.916	63.7592	1106.9	454824.1	7070503	WGS84_8V
132855	Soil	JoelDemers	-135.917	63.76	1114.9	454772.4	7070592	WGS84_8V
132856	Soil	JoelDemers	-135.918	63.7608	1128.1	454707.5	7070685	WGS84_8V
132857	Soil	JoelDemers	-135.919	63.7613	1140.8	454644.4	7070746	WGS84_8V
132858	Soil	JoelDemers	-135.921	63.7621	1152.5	454580.8	7070837	WGS84_8V
132859	Soil	JoelDemers	-135.924	63.7634	1174.1	454434.4	7070984	WGS84_8V
132860	Soil	JoelDemers	-135.924	63.7634	1174	454434	7070984	WGS84_8V
137079	Soil	JoshJudson	-135.942	63.7068	0	453440.4	7064688	WGS84_8V
137080	Soil	JoshJudson	-135.942	63.705	0	453461.6	7064481	WGS84_8V
137081	Soil	JoshJudson	-135.942	63.7041	0	453418.9	7064381	WGS84_8V
137082	Soil	JoshJudson	-135.943	63.7031	0	453387.1	7064280	WGS84_8V
137083	Soil	JoshJudson	-135.943	63.7021	0	453376.4	7064160	WGS84_8V
137084	Soil	JoshJudson	-135.945	63.7016	0	453292.6	7064108	WGS84_8V
137085	Soil	JoshJudson	-135.947	63.701	0	453205.2	7064042	WGS84_8V
137086	Soil	JoshJudson	-135.947	63.7	0	453175	7063936	WGS84_8V
137087	Soil	JoshJudson	-135.949	63.6993	0	453110	7063855	WGS84_8V
137088	Soil	JoshJudson	-135.95	63.6985	0	453056.1	7063771	WGS84_8V
137089	Soil	JoshJudson	-135.951	63.6978	0	453002	7063691	WGS84_8V
137090	Soil Duplicate	JoshJudson	-135.951	63.6978	0	453001.2	7063691	WGS84_8V
137091	Soil	JoshJudson	-135.952	63.6972	0	452922.2	7063628	WGS84_8V
137092	Soil	JoshJudson	-135.952	63.6964	0	452908.5	7063531	WGS84_8V
137093	Soil	JoshJudson	-135.952	63.6955	0	452915.9	7063434	WGS84_8V
137094	Soil	JoshJudson	-135.953	63.6946	0	452879.1	7063336	WGS84_8V
137095	Soil	JoshJudson	-135.954	63.694	0	452813.1	7063270	WGS84_8V
137096	Soil	JoshJudson	-135.956	63.6933	0	452727.6	7063194	WGS84_8V
137097	Soil	JoshJudson	-135.957	63.6926	0	452673.4	7063114	WGS84_8V
137098	Soil	JoshJudson	-135.956	63.6918	0	452705	7063026	WGS84_8V
137099	Soil	JoshJudson	-135.958	63.6901	0	452635.6	7062835	WGS84_8V
137100	Soil	JoshJudson	-135.959	63.6894	0	452571.6	7062763	WGS84_8V
137101	Soil	JoshJudson	-135.96	63.6887	0	452503.3	7062680	WGS84_8V
137102	Soil	JoshJudson	-135.961	63.6878	0	452472.6	7062579	WGS84_8V
137103	Soil	JoshJudson	-135.962	63.6869	0	452415.4	7062484	WGS84_8V
137104	Soil	JoshJudson	-135.963	63.686	0	452373.2	7062385	WGS84_8V

Rock Sample

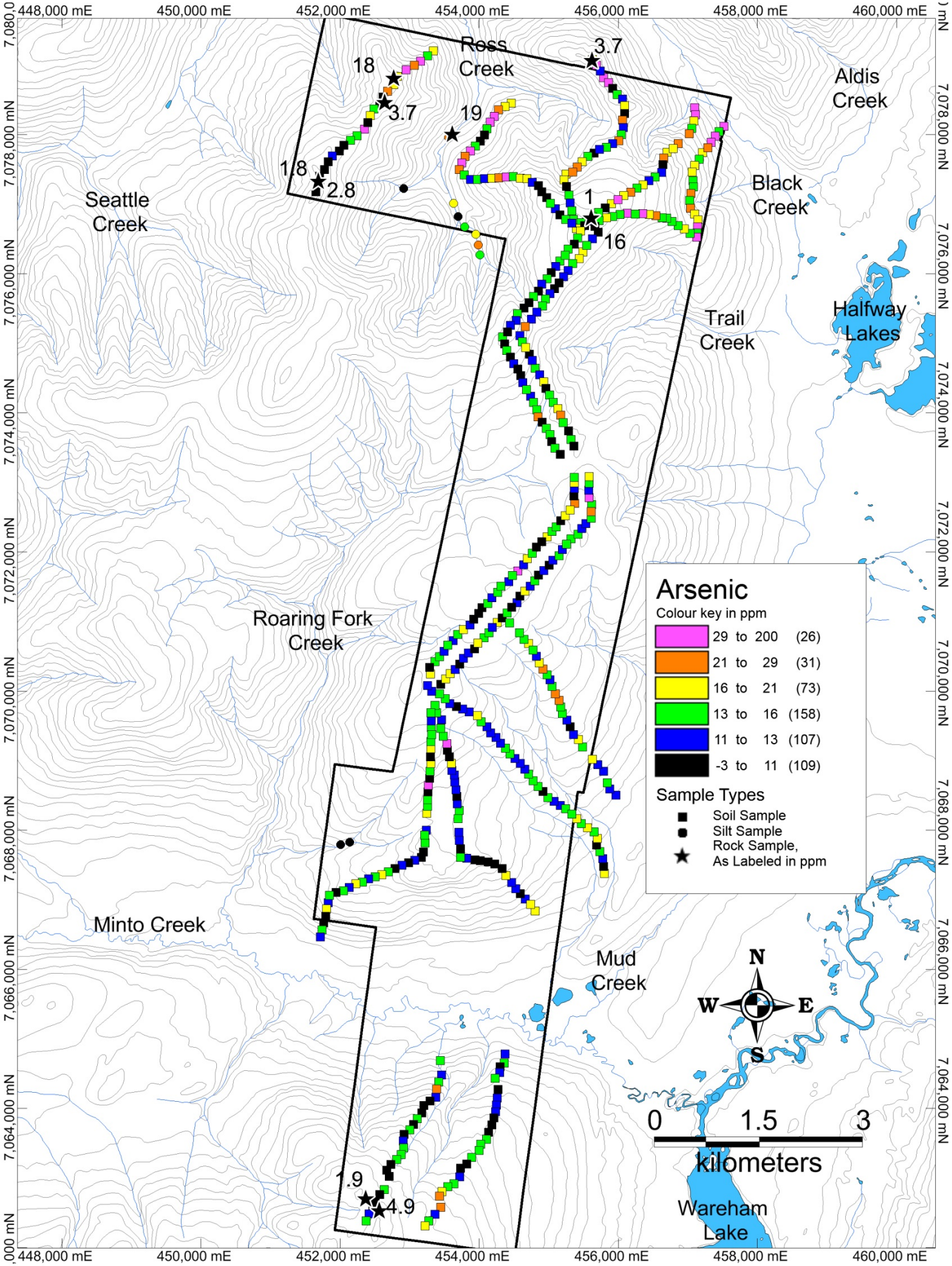
Sample ID	Sample Type	Date	Sampler	Project	Easting	Northing	Datum
126495	Rock Sample	July/19/2012	JamesSullivan	Trail Minto	455621	7079095	WGS84 8V
1575225	Rock Sample	July/30/2012	Tyrell Sutherland	Trail Minto	452643	7078491	WGS84 8V
1575226	Rock Sample	July/30/2012	Tyrell Sutherland	Trail Minto	451690	7077358	WGS84 8V
1575227	Rock Sample	July/30/2012	Tyrell Sutherland	Trail Minto	451690	7077358	WGS84 8V
1575264	Rock Sample	July/30/2012	Remy Poulin	Trail Minto	452562	7062555	WGS84 8V
1575265	Rock Sample	July/30/2012	Remy Poulin	Trail Minto	452368	7062729	WGS84 8V
1575266	Rock Sample	July/22/2012	Remy Poulin	Trail Minto	455610	7076830	WGS84 8V
1575268	Rock Sample	July/19/2012	Remy Poulin	Trail Minto	452770	7078840	WGS84 8V
1575269	Rock Sample	July/22/2012	Remy Poulin	Trail Minto	455610	7076830	WGS84 8V
1575378	Rock Sample	July/30/2012	Kane Morgan	Trail Minto	453615	7078031	WGS84 8V

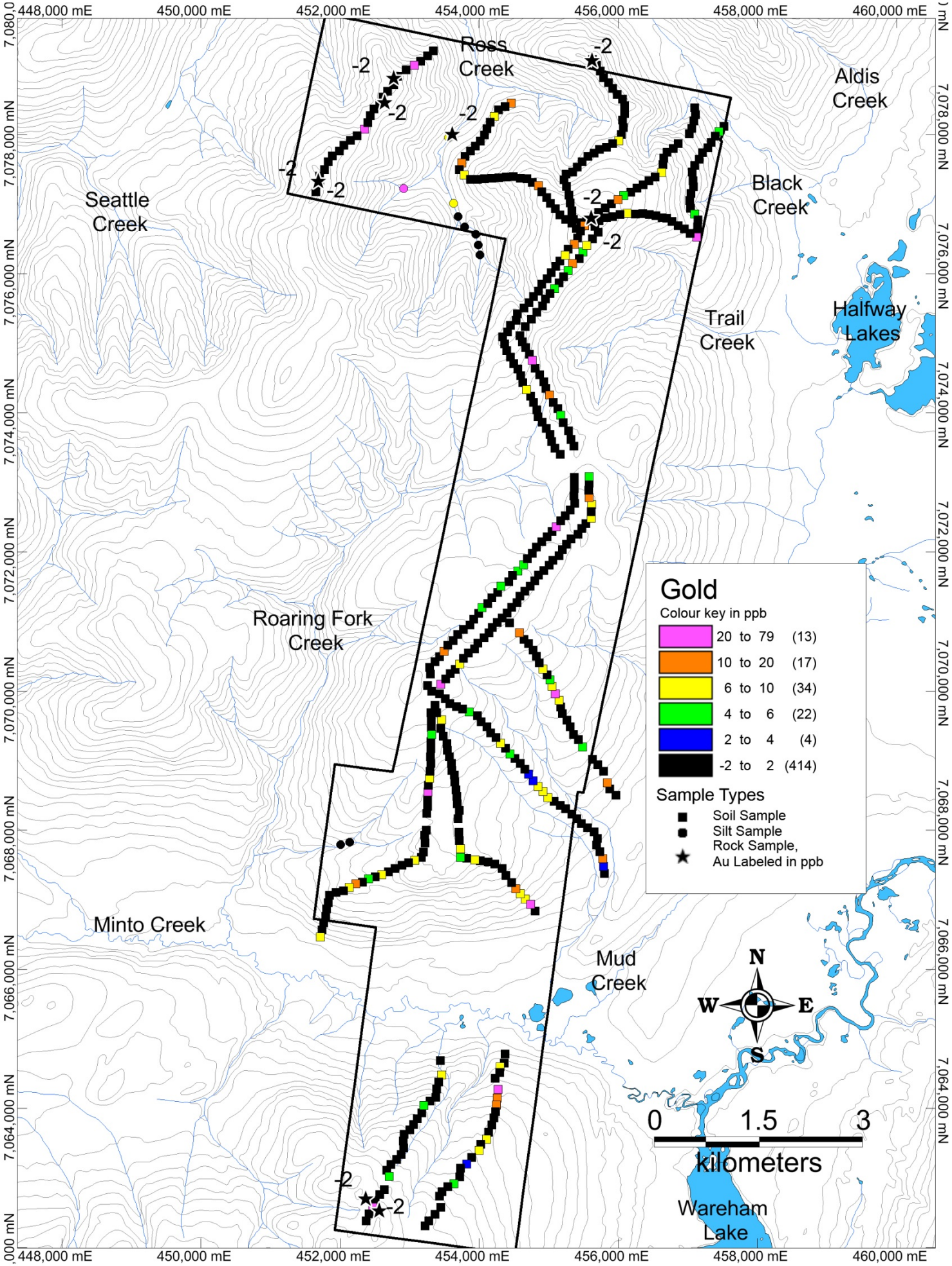
Silt samples

Sample ID	Sample Type	Date	Sampler	Project	Easting	Northing	Datum
1575001	Stream Silt	July/18/2012	Kane Morgan	Trail Minto	454011	7076275	WGS84_8 V
1575002	Stream Silt	July/18/2012	Kane Morgan	Trail Minto	453985	7076417	WGS84_8 V
1575003	Stream Silt	July/18/2012	Kane Morgan	Trail Minto	453948	7076568	WGS84_8 V
1575004	Stream Silt	July/18/2012	Kane Morgan	Trail Minto	453792	7076677	WGS84_8 V
1575005	Stream Silt	July/18/2012	Kane Morgan	Trail Minto	453698	7076821	WGS84_8 V
1575006	Stream Silt	July/18/2012	Kane Morgan	Trail Minto	453629	7077010	WGS84_8 V
1575377	Stream Silt	July/30/2012	Kane Morgan	Trail Minto	453558	7077962	WGS84_8 V
1575379	Stream Silt	July/30/2012	Kane Morgan	Trail Minto	452917	7077228	WGS84_8 V
1575391	Stream Silt	Aug/02/2012	Reid Gaven	Trail Minto	452139	7067827	WGS84_8 V
1575392	Stream Silt	Aug/02/2012	Reid Gaven	Trail Minto	452010	7067792	WGS84_8 V

Appendix D

Geochemical Plots


448,000 mE
450,000 mE
452,000 mE
454,000 mE
456,000 mE
458,000 mE
460,000 mE
7,080,000 mN
7,078,000 mN
7,076,000 mN
7,074,000 mN
7,072,000 mN
7,070,000 mN
7,068,000 mN
7,066,000 mN
7,064,000 mN
Ross Creek
18
3.7
19
1.8
2.8
3.7
1
16
Aldis Creek
Black Creek
Seattle Creek
Trail Creek
Halfway Lakes
Roaring Fork Creek
Minto Creek
Mud Creek
1.9
4.9
Wareham Lake
Arsenic
Colour key in ppm
29 to 200 (26)
21 to 29 (31)
16 to 21 (73)
13 to 16 (158)
11 to 13 (107)
-3 to 11 (109)
Sample Types
Soil Sample
Silt Sample
Rock Sample, As Labeled in ppm
N
W
E
S
0
1.5
3
kilometers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452,000 mE
454,000 mE
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460,000 mE
7,080,000 mN
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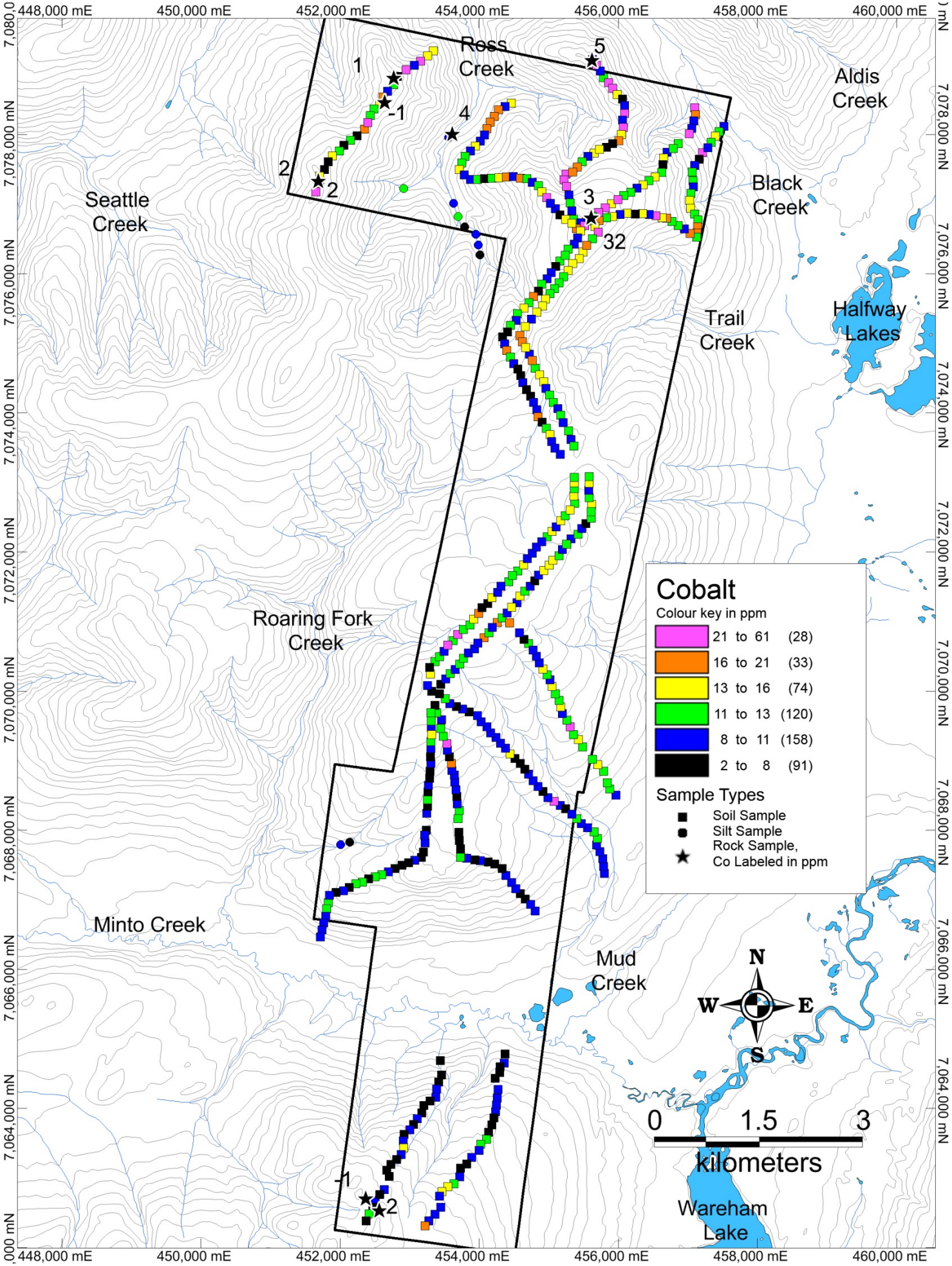
7,076,000 mN
7,074,000 mN
7,072,000 mN
7,070,000 mN
7,068,000 mN
7,066,000 mN
7,064,000 mN
Ross Creek
Aldis Creek
Seattle Creek
Black Creek
Trail Creek
Halfway Lakes
Roaring Fork Creek
Minto Creek
Mud Creek
Wareham Lake
-2
Gold
Colour key in ppb
20 to 79 (13)
10 to 20 (17)
6 to 10 (34)
4 to 6 (22)
2 to 4 (4)
-2 to 2 (414)
Sample Types
Soil Sample
Silt Sample
Rock Sample, Au Labeled in ppb
N
W
E
S
0
1.5
3
kilometers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452,000 mE
454,000 mE
456,000 mE
458,000 mE
460,000 mE
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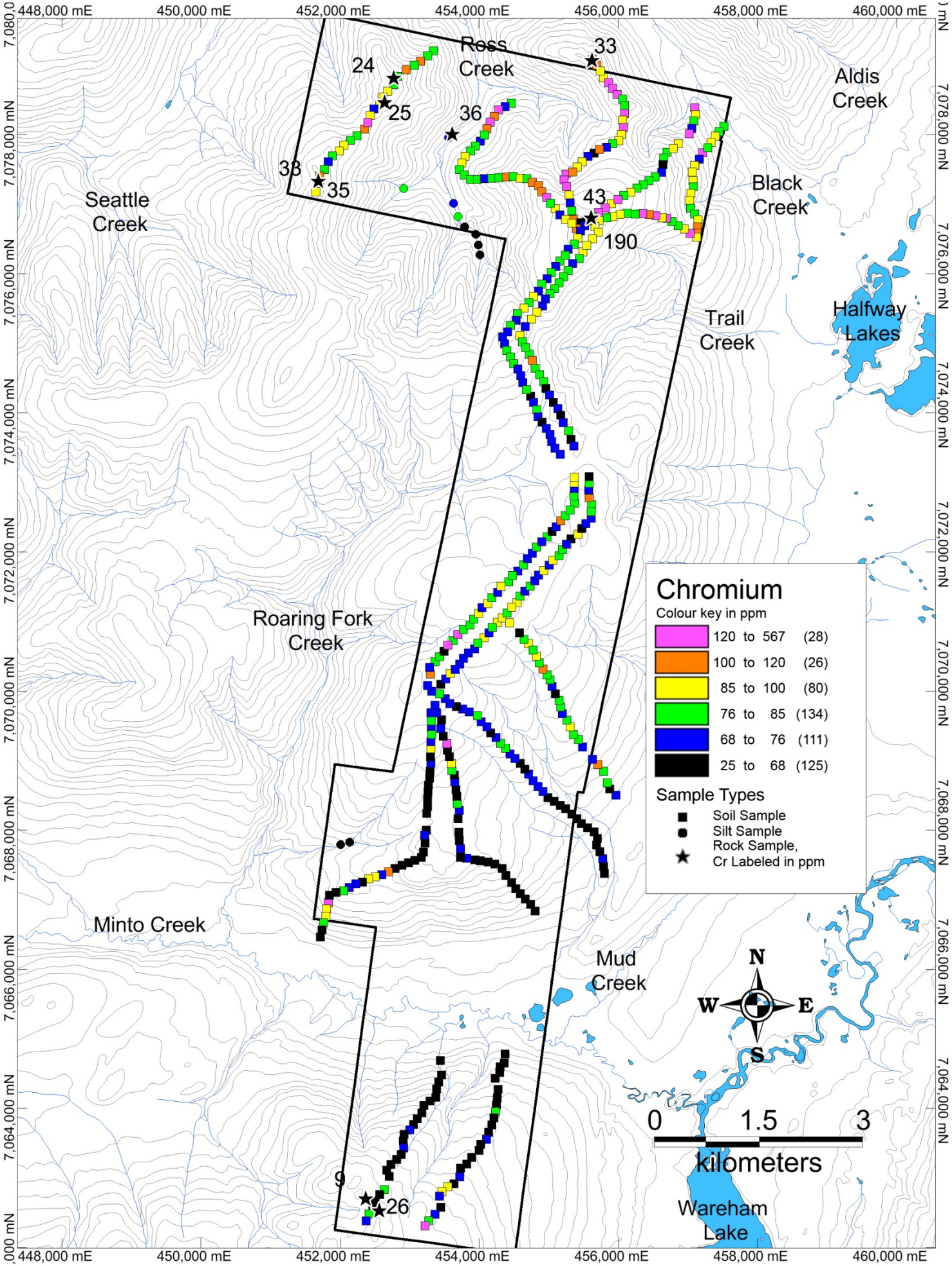
7,076,000 mN
7,074,000 mN
7,072,000 mN
7,070,000 mN
7,068,000 mN
7,066,000 mN
7,064,000 mN
Ross Creek
Aldis Creek
Seattle Creek
Black Creek
Trail Creek
Halfway Lakes
Roaring Fork Creek
Minto Creek
Mud Creek
Wareham Lake
Cobalt
Colour key in ppm
21 to 61 (28)
16 to 21 (33)
13 to 16 (74)
11 to 13 (120)
8 to 11 (158)
2 to 8 (91)
Sample Types
Soil Sample
Silt Sample
Rock Sample, Co Labeled in ppm
N
W
E
S
0
1.5
3
kilometers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456,000 mE
458,000 mE
460,000 mE
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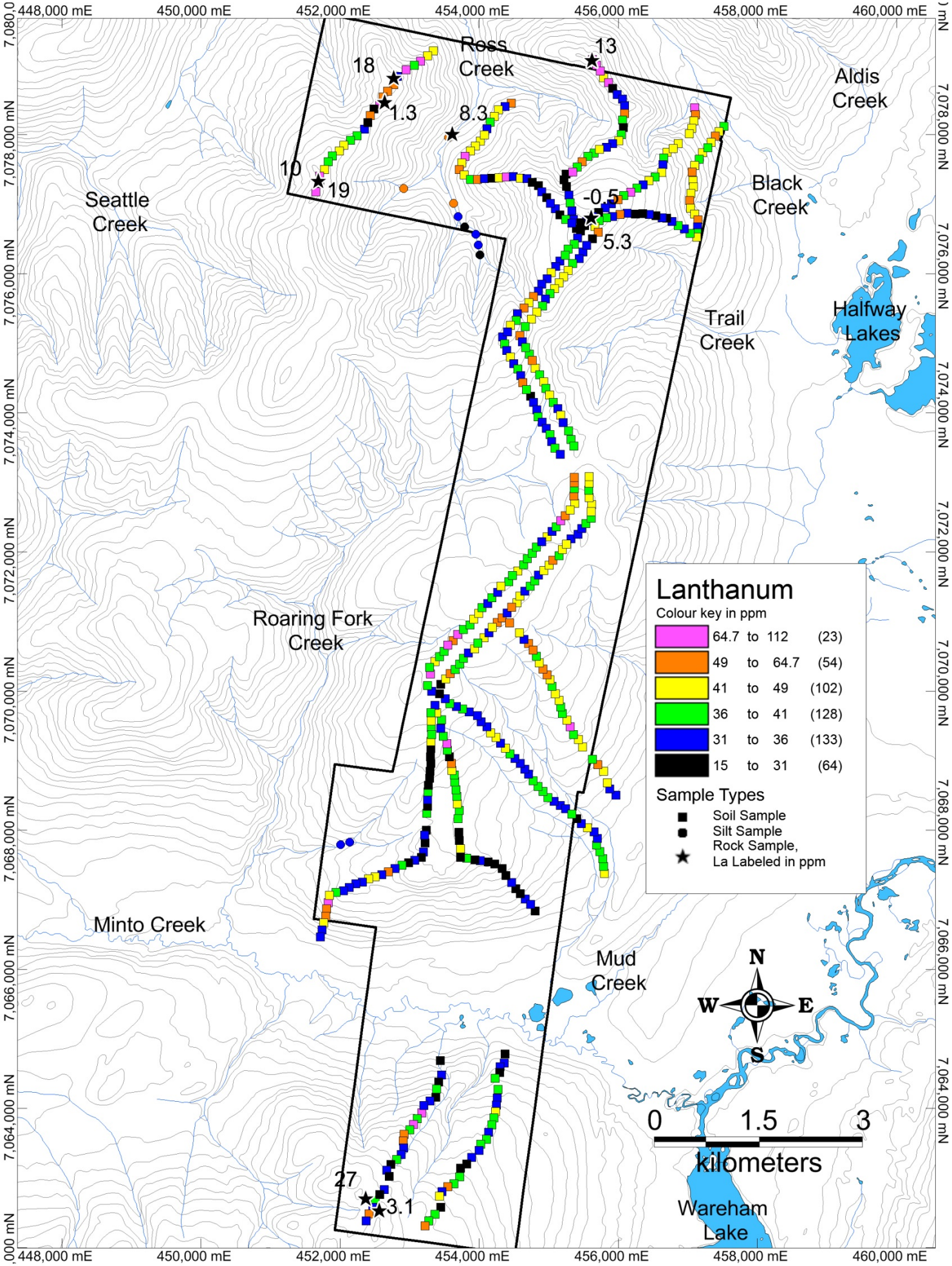
7,076,000 mN
7,074,000 mN
7,072,000 mN
7,070,000 mN
7,068,000 mN
7,066,000 mN
7,064,000 mN
Ross Creek
24
25
33
36
38
35
43
190
Aldis Creek
Black Creek
Seattle Creek
Trail Creek
Halfway Lakes
Roaring Fork Creek
Minto Creek
Mud Creek
9
26
Wareham Lake
Chromium
Colour key in ppm
120 to 567 (28)
100 to 120 (26)
85 to 100 (80)
76 to 85 (134)
68 to 76 (111)
25 to 68 (125)
Sample Types
Soil Sample
Silt Sample
Rock Sample, Cr Labeled in ppm
N
W
E
S
0
1.5
3
kilometers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460,000 mE
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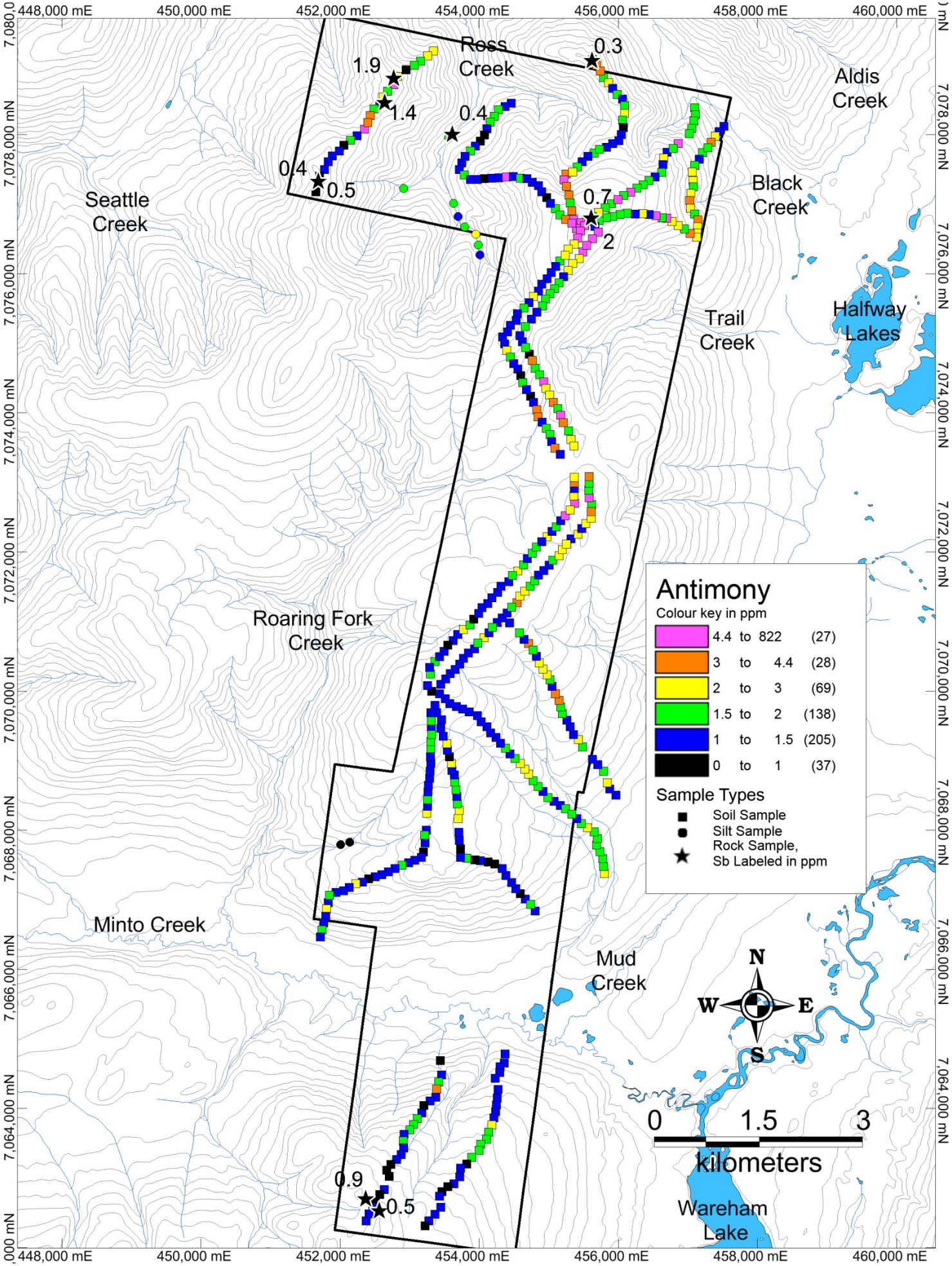
7,076,000 mN
7,074,000 mN
7,072,000 mN
7,070,000 mN
7,068,000 mN
7,066,000 mN
7,064,000 mN
Ross Creek
Aldis Creek
Seattle Creek
Black Creek
Trail Creek
Halfway Lakes
Roaring Fork Creek
Minto Creek
Mud Creek
Wareham Lake
18
13
1.3
8.3
10
19
-0.5
5.3
27
3.1
Lanthanum
Colour key in ppm
64.7 to 112 (23)
49 to 64.7 (54)
41 to 49 (102)
36 to 41 (128)
31 to 36 (133)
15 to 31 (64)
Sample Types
Soil Sample
Silt Sample
Rock Sample, La Labeled in ppm
N
W
E
S
0
1.5
3
kilometers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454,000 mE
456,000 mE
458,000 mE
460,000 mE
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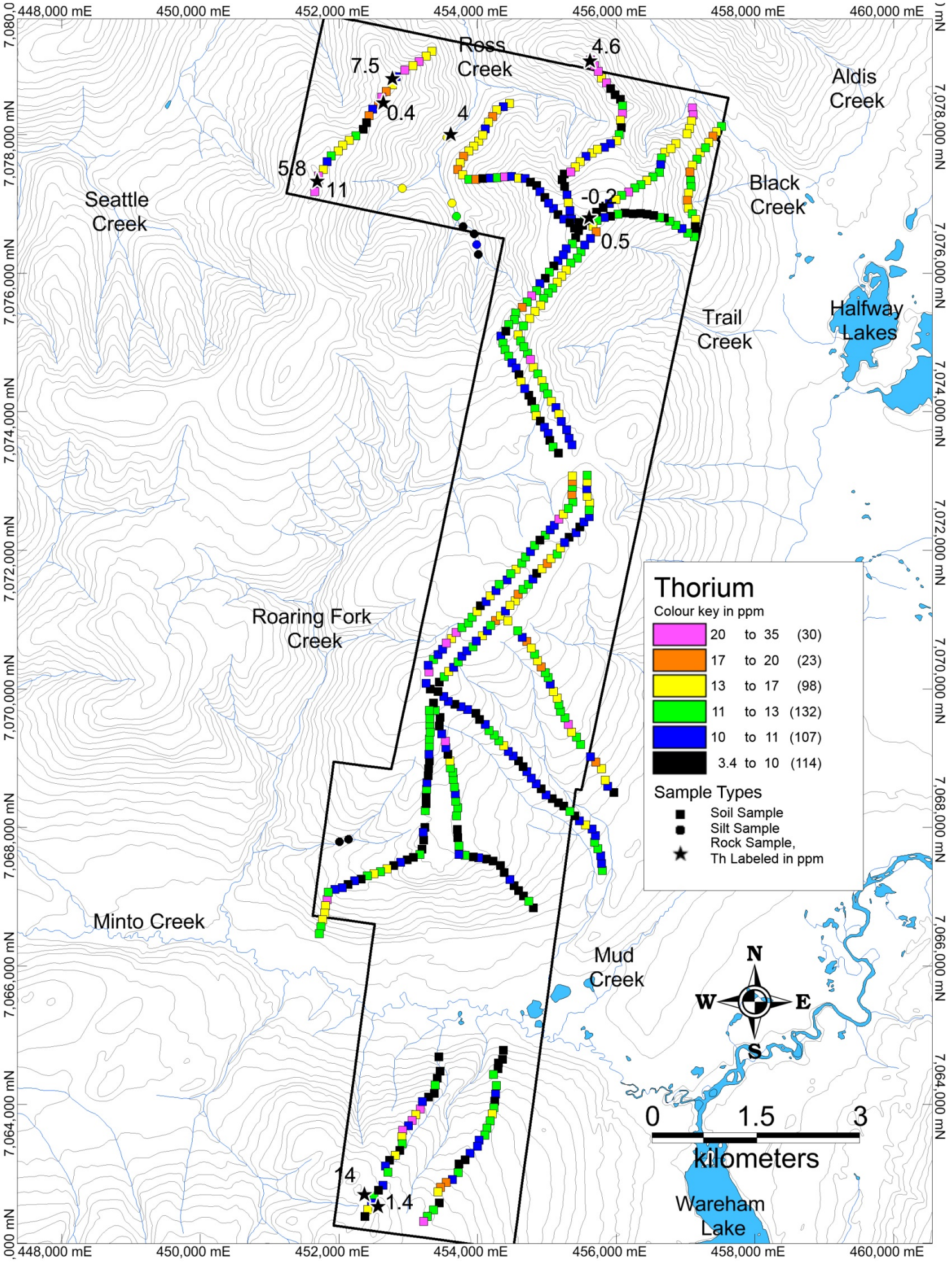
7,076,000 mN
7,074,000 mN
7,072,000 mN
7,070,000 mN
7,068,000 mN
7,066,000 mN
7,064,000 mN
Ross Creek
1.9
1.4
0.4
0.3
0.4
0.5
0.7
2
Aldis Creek
Black Creek
Seattle Creek
Trail Creek
Halfway Lakes
Roaring Fork Creek
Minto Creek
Mud Creek
0.9
0.5
Wareham Lake
Antimony
Colour key in ppm
4.4 to 822 (27)
3 to 4.4 (28)
2 to 3 (69)
1.5 to 2 (138)
1 to 1.5 (205)
0 to 1 (37)
Sample Types
Soil Sample
Silt Sample
Rock Sample, Sb Labeled in ppm
N
W
E
S
0
1.5
3
kilometers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456,000 mE
458,000 mE
460,000 mE
7,080,000 mN
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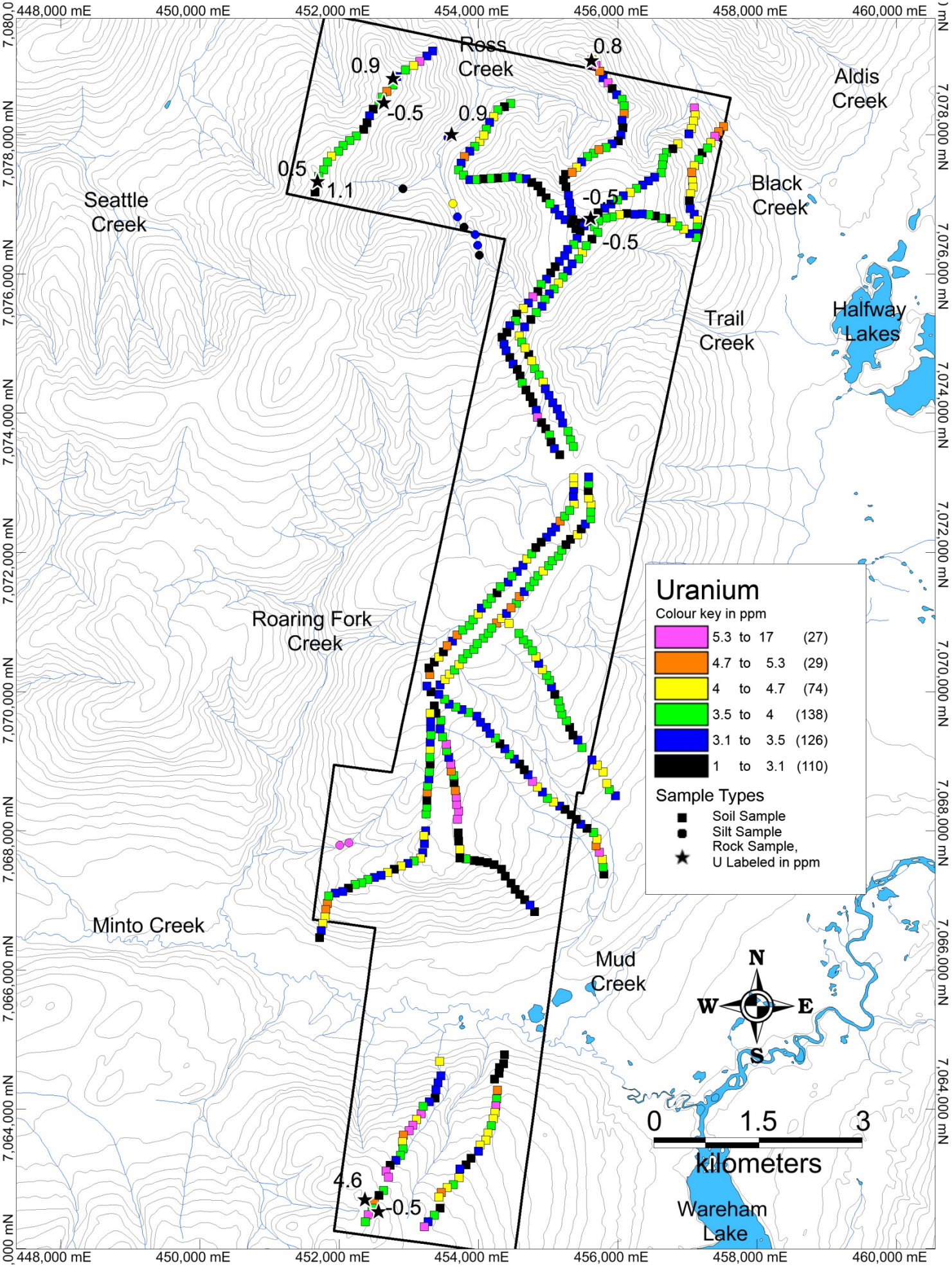
7,076,000 mN
7,074,000 mN
7,072,000 mN
7,070,000 mN
7,068,000 mN
7,066,000 mN
7,064,000 mN
Ross Creek
7.5
0.4
4
4.6
5.8
11
-0.2
0.5
Aldis Creek
Black Creek
Seattle Creek
Trail Creek
Halfway Lakes
Roaring Fork Creek
Minto Creek
Mud Creek
14
1.4
Wareham Lake
Thorium
Colour key in ppm
20 to 35 (30)
17 to 20 (23)
13 to 17 (98)
11 to 13 (132)
10 to 11 (107)
3.4 to 10 (114)
Sample Types
Soil Sample
Silt Sample
Rock Sample, Th Labeled in ppm
N
W
E
S
0
1.5
3
kilometers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454,000 mE
456,000 mE
458,000 mE
460,000 mE
7,080,000 mN
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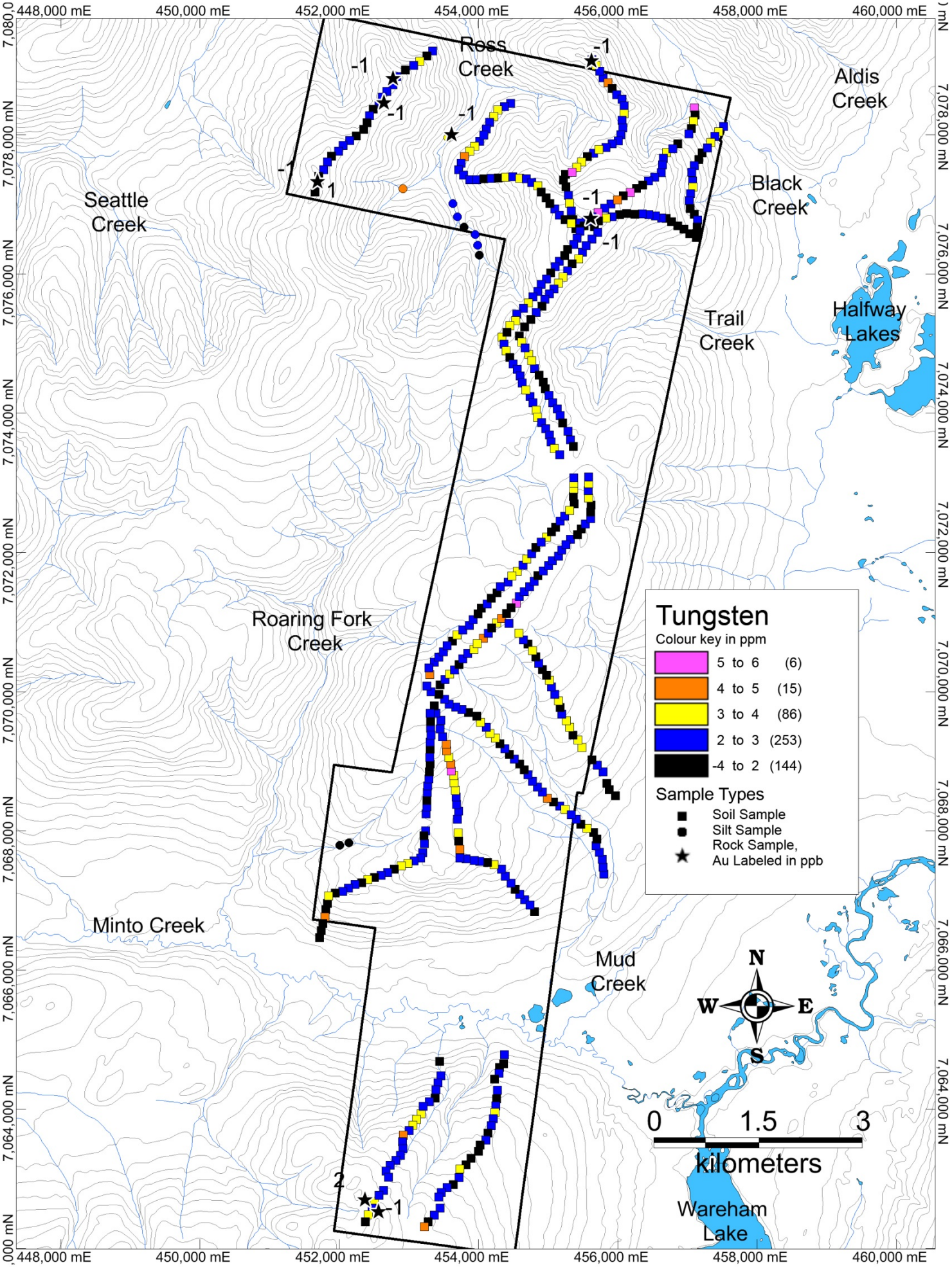
7,076,000 mN
7,074,000 mN
7,072,000 mN
7,070,000 mN
7,068,000 mN
7,066,000 mN
7,064,000 mN
Ross Creek
0.9
0.8
-0.5
0.9
0.5
1.1
-0.5
-0.5
Aldis Creek
Black Creek
Seattle Creek
Trail Creek
Halfway Lakes
Roaring Fork Creek
Minto Creek
Mud Creek
Wareham Lake
4.6
-0.5
Uranium
Colour key in ppm
5.3 to 17 (27)
4.7 to 5.3 (29)
4 to 4.7 (74)
3.5 to 4 (138)
3.1 to 3.5 (126)
1 to 3.1 (110)
Sample Types
Soil Sample
Silt Sample
Rock Sample, U Labeled in ppm
N
W
E
S
0
1.5
3
kilometers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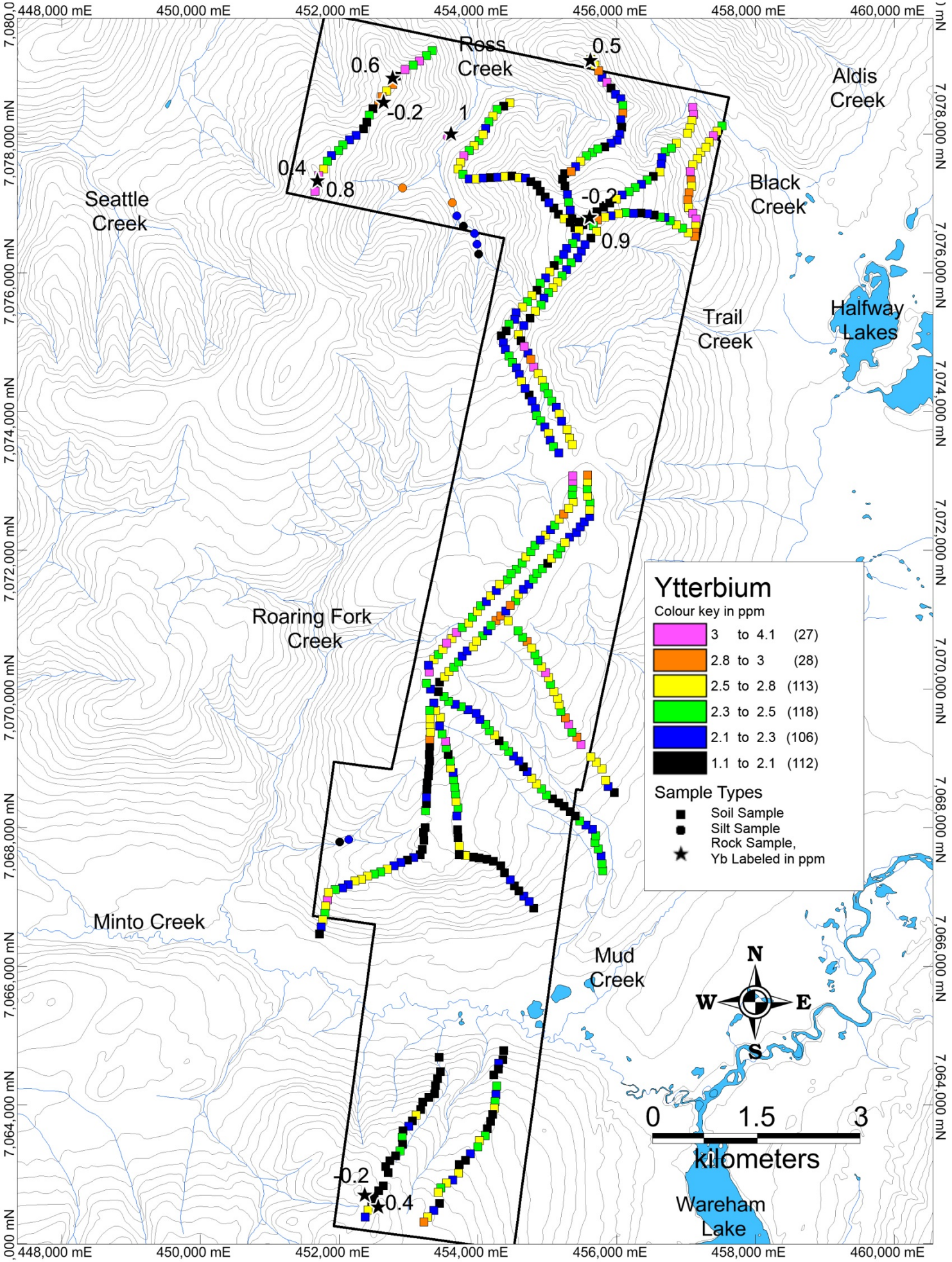
7,076,000 mN
7,074,000 mN
7,072,000 mN
7,070,000 mN
7,068,000 mN
7,066,000 mN
7,064,000 mN
Ross Creek
Aldis Creek
Seattle Creek
Black Creek
Trail Creek
Halfway Lakes
Roaring Fork Creek
Minto Creek
Mud Creek
Wareham Lake
Tungsten
Colour key in ppm
5 to 6 (6)
4 to 5 (15)
3 to 4 (86)
2 to 3 (253)
-4 to 2 (144)
Sample Types
Soil Sample
Silt Sample
Rock Sample, Au Labeled in ppb
N
W
E
S
0
1.5
3
kilometers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454,000 mE
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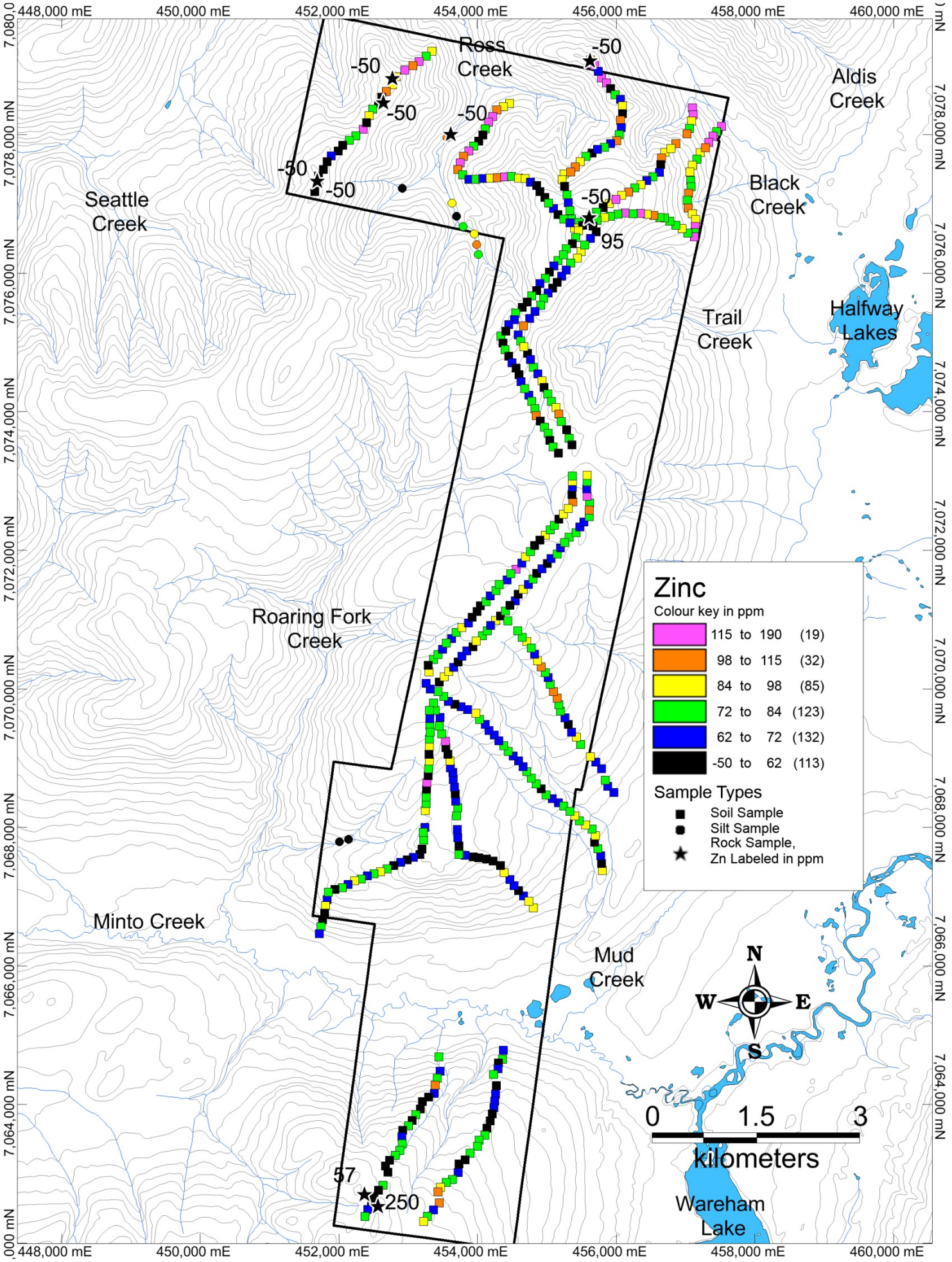
7,076,000 mN
7,074,000 mN
7,072,000 mN
7,070,000 mN
7,068,000 mN
7,066,000 mN
7,064,000 mN
Ross Creek
0.6
-0.2
1
0.5
0.4
0.8
-0.2
0.9
Aldis Creek
Black Creek
Seattle Creek
Trail Creek
Halfway Lakes
Roaring Fork Creek
Minto Creek
Mud Creek
-0.2
0.4
Wareham Lake
Ytterbium
Colour key in ppm
3 to 4.1 (27)
2.8 to 3 (28)
2.5 to 2.8 (113)
2.3 to 2.5 (118)
2.1 to 2.3 (106)
1.1 to 2.1 (112)
Sample Types
Soil Sample
Silt Sample
Rock Sample, Yb Labeled in ppm
N
W
E
S
0
1.5
3
kilometers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458,000 mE
460,000 mE
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7,076,000 mN
7,074,000 mN
7,072,000 mN
7,070,000 mN
7,068,000 mN
7,066,000 mN
7,064,000 mN
Ross Creek
Aldis Creek
Seattle Creek
Black Creek
Trail Creek
Halfway Lakes
Roaring Fork Creek
Minto Creek
Mud Creek
Wareham Lake
-50
95
57
250
Zinc
Colour key in ppm
115 to 190 (19)
98 to 115 (32)
84 to 98 (85)
72 to 84 (123)
62 to 72 (132)
-50 to 62 (113)
Sample Types
Soil Sample
Silt Sample
Rock Sample, Zn Labeled in ppm
N
W
E
S
0
1.5
3
kilometers

Appendix E

Assay certificates

Company : Mayo Lake Minerals Inc.
Submitted by : Tyrell Sutherland
Date Received : 29-Aug-12
Date Reported : 26-Oct-12& 9-Oct-12

T12-01776.0
& T12-01777.0
&T12-01774.0

Becquerel
A Maxxam Company
6790 Kitimat Rd, Unit #4
Mississauga, ON,Canada,L5N 5L9

Ph: (905) 826-3080 Fax : (905) 826-4151
email : RAllen@maxxam.ca

ISO 17025
For Scope of Accreditation No. 422
Pour la portée d'accréditation no. 422

Acme file # :WHI12000582 & WHI12000583& WHI12000580
Samples were run as received.
Analysis performed by Neutron Activation (Method BQ-NAA-1)
A negative result denotes "Less Than".

Note : Mo results are interfered with by Mo production from U fission. Samples above 500ppmSb have elevated detection limits due to high Sb.

Soil ID	Wt grams	Sb ppm	As ppm	Ba ppm	Br ppm	Ca %	Ce ppm	Cs ppm	Cr ppm	Co ppm	Eu ppm	Au ppb	Hf ppm	Ir ppb	Fe %	La ppm	Lu ppm	Hg ppm	Mo ppm	Nd ppm	Ni ppm	Rb ppm	Sm ppm	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	Ta ppm	Tb ppm	Th ppm	Sn ppm	W ppm	U ppm	Yb ppm	Zn ppm
126496	6.92	1.8	16	1100	2.9	-1	82	3	79	10	1.3	-2	9	-5	2.82	38	0.39	-1	-4	33	-100	69	5.9	10.1	-3	-5	0.91	-500	1	0.6	11	-100	2	4.9	2.4	68
126497	10	3.1	34	940	-0.5	-1	88	5	80	11	1.3	5	9	-5	2.86	41	0.44	-1	-3	40	-100	84	6.5	11.1	-3	-5	0.88	-500	0.9	0.8	13	-100	3	5.2	2.7	78
126498	6.89	3.8	12	970	1.5	-1	110	7	98	14	1.6	-2	10	-5	3.46	53.4	0.49	-1	-4	35	-100	130	8	13.3	-3	-5	0.88	-500	1.2	1	18	-100	2	5.9	3.2	91
126500	10.36	1.8	75.5	900	2	-1	98	8	95	12	1.3	-2	10	-5	3.39	47	0.4	-1	-2	33	-100	130	6.9	13.5	-3	-5	0.88	-500	1.1	0.6	15	-100	3	4	2.5	88
126501	7.49	2	31	1400	0.9	-1	78	4	79	8	1.3	-2	10	-5	2.88	40	0.4	-1	-1	31	-100	87	5.7	11.6	-3	-5	0.93	-500	1.3	0.7	12	-100	2	3.8	2.7	55
126502	12.07	1.1	8	580	2.2	2	83	5	140	21	1.5	-2	8	-5	4.24	46	0.42	-1	-2	36	-100	92	7	15.3	-3	-5	1.24	-500	1.4	0.9	13	-100	1	3	2.7	70
126503	10.29	1.5	14	830	1.3	-1	77	3	72	6	1.1	-2	11	-5	2.83	39	0.39	-1	-1	31	-100	70	5.7	10	-3	-5	0.93	-500	0.9	0.9	11	-100	-1	3.8	2.5	-50
126504	12.34	1	12	940	3	-1	84	4	85	9	1.3	-2	10	-5	3.25	42	0.41	-1	-4	30	-100	92	6	11.9	-3	-5	1.04	-500	1.3	1	13	-100	2	4.2	2.7	-50
126505	13.2	1.5	17	850	4.9	-1	110	5	89	11	1.7	-2	12	-5	3.67	56.3	0.5	-1	-4	39	-100	120	8.2	13.9	-3	-5	1.01	-500	1.3	1	17	-100	2	5.1	3.3	50
126506	9.46	2.7	10	2000	0.6	-1	84	4	91	11	1.5	-2	12	-5	3.37	43	0.44	-1	-4	29	-100	79	6.4	12.5	-3	-5	1.18	-500	1	0.9	12	-100	2	4.6	2.9	82
126507	11.65	1.6	23	1100	1.6	-1	80	4	76	9	1.4	-2	9	-5	2.99	41	0.41	-1	-4	33	-100	79	6.3	11.1	-3	-5	1.06	-500	1.3	1	12	-100	3	4.1	2.7	64
126508	10.83	0.8	12	620	4.2	-1	88	5	90	11	1.4	-2	9	-5	3.49	45	0.42	-1	-2	32	-100	110	6.7	13.6	-3	-5	0.93	-500	1.3	0.9	14	-100	2	4.2	2.8	65
126509	13.08	1.1	13	1000	3.5	-1	120	8	87	13	1.5	-2	10	-5	3.63	58.5	0.47	-1	-2	42	-100	150	8.1	14	-3	-5	1.07	-500	1.2	1.1	19	-100	2	2.7	2.9	84
126510	13.7	1.2	26	890	2.2	-1	85	6	77	13	1.4	-2	8	-5	3.13	42	0.38	-1	-2	36	-100	110	6.3	12.5	-3	-5	1.06	-500	0.8	0.6	13	-100	1	3.3	2.5	70
126511	13.94	1.2	12	690	1.2	-1	88	4	79	12	1.6	4	10	-5	3.31	44	0.45	-1	-2	36	-100	81	6.9	12.3	-3	-5	1.03	-500	1.6	1.1	12	-100	-1	3.2	3	55
126512	15.1	1.4	13	790	3.3	-1	98	5	87	12	1.5	-2	10	-5	3.64	49	0.49	-1	-2	39	-100	120	7.1	13.3	-3	-5	1	-500	1.7	0.8	14	-100	2	4	3.2	68
126513	10.97	1.7	11	1000	3.1	-1	63	4	100	16	1.3	-2	7	-5	3.72	32	0.36	-1	-4	27	-100	68	5.4	12.4	-3	-5	1.35	-500	1.1	0.8	9.1	-100	1	3.5	2.5	70
126514	14.69	1.5	10	770	2.8	-1	69	6	100	16	1.7	-2	8	-5	4	37	0.43	-1	-2	32	-100	65	6.6	15.5	-3	-5	1.44	-500	1	1.1	9	-100	-1	3.1	2.8	60
126515	13.3	1.4	15	930	3.2	-1	82	5	90	11	1.3	25	9	-5	3.55	41	0.43	-1	-2	29	-100	83	6	13	-3	-5	1.1	-500	1.1	0.7	11	-100	1	3.6	2.8	56
126516	10.31	1.4	20	1000	1.4	-1	76	4	120	18	1.4	-2	8	-5	3.93	37	0.39	-1	-2	33	-100	79	5.9	13.9	-3	-5	1.2	-500	1.3	0.7	11	-100	-1	3.2	2.6	52
126517	7.31	1.6	26	990	2	-1	68	4	89	9	1.1	-2	8	-5	3.53	34	0.39	-1	-2	28	-100	70	5	12.3	-3	-5	1.03	-500	1.5	0.8	10	-100	-1	4.1	2.4	62
126518	8.19	2.5	23	850	1.3	-1	78	4	83	11	1.1	-2	11	-5	3.24	39	0.44	-1	-4	29	-100	63	5.8	11.6	-3	-5	1.04	-500	1.5	0.9	11	-100	1	3.5	2.7	61
126519	8.56	4.1	16	660	4	1	72	3	81	12	1.1	-2	9	-5	3.39	35	0.38	-1	-2	29	-100	66	5.2	11.5	-3	-5	1	-500	1.2	0.7	11	-100	-1	4	2.4	64
126520	5.98	4.6	16	670	3.1	2	62	3	140	17	1	-2	8	-5	3.89	30	0.35	-1	-2	22	-100	63	4.5	10.3	-3	-5	1.02	-500	0.9	0.5	8.9	-100	-1	3	2.2	72
126521	7.95	4.1	10	540	1.3	2	73	4	97	14	1.1	-2	7	-5	3.81	34	0.37	-1	-5	27	-100	69	5	12.6	-3	-5	1.16	-500	0.8	0.8	11	-100	2	3.8	2.4	68
126522	11.65	3.8	14	780	1.9	-1	44	4	270	23	1.3	-2	6	-5	5.12	24	0.27	-1	-2	23	160	45	4.3	13.5	-3	-5	1.25	-500	0.7	0.5	6.2	-100	2	1.7	1.8	69
126523	12.23	1.5	12	760	4.4	-1	60	4	100	8	1	-2	7	-5	3.48	31	0.34	-1	-1	21	-100	68	4.6	12	-3	-5	1.12	-500	1	0.8	8.9	-100	2	3.8	2.2	51
126524	13.11	3.1	14	830	3	-1	56	5	120	15	1.2	-2	7	-5	3.96	29	0.31	-1	-1	23	-100	66	4.5	12.8	-3	-5	1.21	-500	1.1	0.8	8.3	-100	2	3.3	2	61
126525	11.9	5.9	14	830	3.5	-1	59	4	79	6	0.9	-2	8	-5	2.83	30	0.35	-1	-1	25	-100	68	4.4	10.1	-3	-5	0.84	-500	1.1	0.6	7.9	-100	1	3.2	2.2	-50
126563	19.24	0.8	8.1	790	-0.5	-1	69	3	77	15	1.2	6	9	-5	3.22	34	0.37	-1	-1	26	-100	56	5.1	10	-3	-5	1	-500	0.9	0.8	9.4	-100	1	2.8	2.4	68
126564	15.02	1.3	7.9	1200	0.6	-1	94	6	98	9	1.7	-2	9	-5	3.36	53.2	0.39	-1	-2	41	-100	93	7.9	12.8	-3	-5	1.01	-500	1.3	1	12	-100	-1	4.1	2.6	55
126565	13.9	1.2	12	900	1.3	-1	63	3	85	14	1	-2	8	-5	3.74	31	0.35	-1	-1	22	-100	64	4.7	10.6	-3	-5	0.87	-500	1	0.7	9.3	-100	2	3.8	2.2	66
126566	12.13	1.3	10	1300	1	-1	72	3	82	12	1.4	-2	8	-5	3.62	36	0.39	-1	-2	28	-100	65	5.9	12.2	-3	-5	1.09	-500	1	0.9	10	-100	3	3.7	2.6	53
126567	13.74	1.5	11	1400	-0.5	-1	100	3	96	20	1.3	-2	11	-5	3.62	40	0.43	-1	-2	27	-100	69	6.2	12.2	-3	-5	1.19	-500	1.3	1.2	12	-100	1	3.6	2.9	73
126568	15.79	1	10	950	1.1	-1	66	3	84	13	1	-2	9	-5	3.2	32	0.34	-1	-4	24	-100	61	4.8	10.7	-3	-5	1.13	-500	0.6	0.7	9.4	-100	2	3	2.2	52
126569	8.51	1	13	1000	1.8	-1	50	27	78	20	1.6	79	7	-18	4.85	29	0.34	-1	-8	22	-100	58	5.2	15.4	-11	-5	1.33	-500	1.2	1.1	6.9	-460	3	4.6	2.4	-50
126570	15.35	1.4	16	780	1	-1	130	10	100	9	1.8	-2	8	-5	4.75	70.4	0.47	-1	-4	44	-100	210	10	17.6	-3	-5	0.63	-500	1.8	0.9	23.8	-100	2	4.4	2.6	90
126571	11.79	1	13	1100	0.9	-1	180	12	100	27	2.2	-2	8	-5	5.94	93.9	0.49	-1	-4	60	-100	180	13.4	17.7	-3	-5	0.65	-500	1.7	1.2	34.2	-100	3	6	2.7	150
126572	9.2	0.7	11	1200	-0.5	-1	140	7	96	9	1.7	-2	9	-5	4.84	71.9	0.49	-1	-4	47	-100	180	10.6	16.6	-3	-5	0.55	-500	2.3	0.9	23.7	-100	2	5.1	2.9	90
126573	13.74	1.3	13	1100	0.9	-1	93	8	86	12	1.1	-2	8	-5	4.16	48	0.38	-1	-3	31	-100	110	6.9	12.9	-3	-5	0.81	-500	1.7	0.6	15	-100	2	3.4	2.2	88
126574	13.75	2	16	1400	0.8	-1	180	14	120	24	2.6	-2	8	-5	5.18	95.1	0.6	-1	-4	60	-100	260	13.5	21.4	-3	-5	0.49	-500	2.6	1.5	28.7	-100	4	6.2	3.4	120
126575	14.11	1.1	12	820	2.1	-1	29	3	250	35	1	-2	4	-5	6.3	15	0.21	-1	-3	13	140	34	3.6	14.4	-3	-5	1.6	-500	0.6	0.6	3.5	-100	-1	1.5	1.2	78
126576	11.98	1.3	14	960	0.7	-1	62	6	130	14	1	-2	7	-5	4.41	31	0.35	-1	-3	24	100	45	5.1	10.1	-3	-5	0.83	-500	1.1	0.7	7.6	-100	2	3.2	2.1	88
126577	12.33	1.2	10	1000	0.6	-1	63	6	77	6	1	-2	8	-5	2.71	31	0.37	-1	-2	23	-100	69	4.9	10.5	-3	-5	1	-500	0.9	0.6	8.5	-100	2	3.7	2.1	-50
126578	13.01	1.5	14	1300	-0.5	-1	72	3	78	10	1.2	-2	8	-5	3.25	35	0.38	-1	-3	25	-100	65	6.1	11.7	-3	-5	1	-500	0.9	0.7	11	-100	2	3.9	2.3	76
126579	7.73	1	12	1100	2.1	-1	120	10	120	29	1.7	-2	11	-5	4.77	58.1	0.5	-1	-7	37	-100	190	8.9	17.8	-3	-5	0.44	-500	1.7	1.1	20	-100	3	4.7	2.9	130

Company : Mayo Lake Minerals Inc.
Submitted by : Tyrell Sutherland
Date Received : 29-Aug-12
Date Reported : 26-Oct-12& 9-Oct-12

T12-01776.0
& T12-01777.0
&T12-01774.0

Becquerel
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ISO 17025
For Scope of Accreditation No. 422
Pour la portée d'accréditation no. 422

Acme file # :WHI12000582 & WHI12000583& WHI12000580
Samples were run as received.
Analysis performed by Neutron Activation (Method BQ-NAA-1)
A negative result denotes "Less Than".

Note : Mo results are interfered with by Mo production from U fission. Samples above 500ppmSb have elevated detection limits due to high Sb.

Soil ID	Wt grams	Sb ppm	As ppm	Ba ppm	Br ppm	Ca %	Ce ppm	Cs ppm	Cr ppm	Co ppm	Eu ppm	Au ppb	Hf ppm	Ir ppb	Fe %	La ppm	Lu ppm	Hg ppm	Mo ppm	Nd ppm	Ni ppm	Rb ppm	Sm ppm	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	Ta ppm	Tb ppm	Th ppm	Sn ppm	W ppm	U ppm	Yb ppm	Zn ppm
126580	10.3	2.2	17	1300	1.2	-1	78	5	99	10	1.1	-2	9	-5	3.74	39	0.37	-1	-3	26	-100	98	5.8	11.8	-3	-5	0.64	-500	1.7	0.7	13	-100	2	3.2	2.1	71
126581	11.3	1.3	10	1300	1.7	-1	28	2	330	40	1.6	-2	4	-5	8.55	15	0.27	-1	-3	19	210	40	5.2	19.4	-3	-5	1.02	-500	-0.5	0.8	3.4	-100	2	1	1.9	120
126582	11.64	1.3	10	1100	1.3	-1	80	3	93	15	1.3	-2	8	-5	3.85	40	0.35	-1	-3	33	-100	84	6.6	12.9	-3	-5	0.9	-500	1.2	0.9	12	-100	2	3.4	2.1	62
126583	14.93	1.5	13	960	1	-1	83	4	92	16	1.3	6	9	-5	3.82	41	0.36	-1	-3	25	-100	84	6.3	12.5	-3	-5	1.08	-500	1.3	0.7	13	-100	2	2.8	2.2	80
126584	13.76	1.4	12	900	-0.5	-1	69	2	79	7	1.1	-2	11	-5	2.99	35	0.39	-1	-3	24	-100	56	5.4	9.4	-3	-5	0.91	-500	1.3	0.7	10	-100	2	3.1	2.2	59
126585	16.85	1.3	10	820	2.1	-1	66	3	74	7	1	-2	9	-5	2.75	33	0.35	-1	-2	21	-100	66	5.1	10	-3	-5	0.81	-500	1.1	0.7	10	-100	2	3.5	2	60
126586	13.95	1.2	17	940	1.8	-1	85	5	100	13	1.4	-2	7	-5	5.44	41	0.41	-1	-3	29	-100	110	6.5	18.1	-3	-5	0.9	-500	1	0.7	13	-100	3	5.2	2.4	130
126587	11.19	1.1	16	1000	-0.5	-1	82	4	67	14	1.3	-2	9	-5	3.16	40	0.38	-1	-3	26	-100	82	6.4	10.5	-3	-5	0.88	-500	1.2	0.6	13	-100	2	3.5	2.3	110
126588	15.66	1.4	11	1000	0.9	-1	72	3	75	10	1.3	-2	9	-5	3.13	36	0.39	-1	-3	25	-100	62	5.9	10.8	-3	-5	1	-500	1.1	0.8	10	-100	-1	3.6	2.3	74
126589	14.9	1.5	13	1000	0.9	-1	100	6	98	11	1.4	-2	9	-5	3.4	49	0.42	-1	-3	35	-100	150	7.4	14.3	-3	-5	0.76	-500	1.6	0.7	16	-100	3	3.2	2.5	79
126590	14.88	1.4	10	970	0.9	-1	75	9	94	18	1	-2	7	-5	3.3	37	0.35	-1	-4	27	-100	180	5.6	15.1	-3	-5	0.61	-500	-0.5	0.7	13	-100	3	4.2	2.1	88
126591	13.96	1.3	12	930	1	-1	150	12	110	17	1.9	-2	11	-5	3.93	74.5	0.56	-1	-4	48	-100	230	10.6	17.4	-3	-5	0.49	-500	1.8	1.2	27.8	-100	6	4.8	2.9	120
126592	15.86	1.3	12	880	3	-1	48	14	430	47	1.6	-2	4	-5	6.59	27	0.28	-1	-4	26	330	68	5.8	16.1	-3	-5	0.88	-500	-0.5	0.5	8	-100	-1	2.9	1.7	110
126593	14.08	1.4	10	1100	-0.5	-1	33	19	430	44	1.6	-2	3	-5	6.23	25	0.22	-1	-4	22	420	62	5.3	15.2	-3	-5	0.46	-500	0.9	0.6	6.7	-100	-1	1.8	1.4	100
126594	13.5	1.5	19	1100	1.1	-1	53	18	567	61	1.5	-2	4	-5	7.28	26	0.26	-1	-3	24	500	80	5.4	14.5	-3	-5	0.44	-500	0.5	0.7	8.3	-100	-1	2.1	1.5	110
126595	11.69	2.4	15	910	2	-1	67	6	91	9	1	-2	9	-5	2.87	33	0.37	-1	-3	25	-100	80	5.4	11.4	-3	-5	1	-500	1.2	0.7	10	-100	2	3.3	2.1	64
126596	14.81	1.4	15	780	2	-1	79	4	74	12	1	-2	9	-5	3.51	37	0.37	-1	-3	26	-100	83	6	11.2	-3	-5	0.93	-500	0.9	0.7	13	-100	3	3.3	2.3	68
126597	13.77	1.5	11	960	1.4	-1	65	4	80	10	1	-2	8	-5	3.08	32	0.37	-1	-3	22	-100	62	5.2	10.5	-3	-5	0.9	-500	1.3	0.6	10	-100	2	3.4	2.1	75
126598	10.99	1.4	17	990	2.7	-1	66	5	110	12	1.2	-2	7	-5	3.9	32	0.34	-1	-3	21	-100	81	5.4	12.5	-3	-5	0.9	-500	0.9	0.6	10	-100	-1	3	2	80
126599	8.82	1.1	6	920	0.8	-1	61	3	53	6	1	-2	9	-5	2.03	31	0.32	-1	-2	23	-100	44	5.1	7.3	-3	-5	0.87	-500	1.1	0.6	8.5	-100	2	3.3	1.9	51
126600	11.69	1.2	15	890	3.5	-1	58	18	46	6	0.8	-2	7	-5	2.16	30	0.23	-1	-4	18	-100	83	4.1	6.6	-3	-5	0.86	-500	1	-0.5	12	-100	2	4.1	1.3	53
126601	12.07	1.5	10	1100	0.7	-1	66	3	63	9	1	8	9	-5	2.63	33	0.36	-1	-2	24	-100	58	5.3	8.7	-3	-5	1	-500	0.9	0.6	9.4	-100	2	3.6	2.1	58
126602	11.03	3.5	12	940	2.1	-1	58	22	56	6	1.1	-2	7	-5	2.49	29	0.29	-1	-5	20	-100	97	4.5	8.2	-3	-5	0.86	-500	1.3	0.6	8.8	-100	3	3.3	1.6	71
126603	11.29	2.3	8.5	1000	-0.5	-1	70	10	65	7	1.3	-2	9	-5	2.54	36	0.38	-1	-3	25	-100	86	5.7	9	-3	-5	0.91	-500	0.8	0.7	10	-100	3	4	2.2	90
126604	10.91	2	19	820	3.5	-1	64	3	60	6	1	-2	10	-5	2.17	32	0.35	-1	-2	23	-100	59	5.2	8.1	-3	-5	1.03	-500	1.1	0.5	8.6	-100	-1	2.9	2.1	51
126605	11.29	1.6	11	940	3.1	-1	100	5	110	9	1.5	-2	7	-5	4.66	53.5	0.42	-1	-4	34	-100	160	7.5	15.9	-3	-5	0.7	-500	0.8	1	15	-100	2	4	2.5	73
126606	11.35	1.6	13	810	3	-1	71	2	75	11	0.9	8	12	-5	3.13	34	0.4	-1	-3	24	-100	51	5.5	9.3	-3	-5	1.01	-500	1.1	-0.5	11	-100	2	3.2	2.3	63
126607	13.67	1.3	10	1000	-0.5	-1	91	3	91	12	1.3	-2	8	-5	3.87	47	0.38	-1	-3	31	-100	120	6.7	13	-3	-5	0.92	-500	1	0.7	13	-100	-1	3.4	2.3	84
126608	11.15	1.4	11	1200	2.1	-1	97	3	85	7	1.1	5	10	-5	2.72	47	0.44	-1	-3	33	-100	110	7	12.7	-3	-5	1.16	-500	1.3	0.9	12	-100	3	3.6	2.5	69
126609	10.83	1.4	7.4	950	1	-1	72	2	66	11	1.4	-2	9	-5	2.76	35	0.44	-1	-3	30	-100	58	6.6	10.7	-3	-5	1.03	-500	1.1	0.8	9.4	-100	-1	3.9	2.6	63
126610	13.08	1.9	12	1100	1.5	-1	71	3	74	11	1.3	13	9	-5	2.97	35	0.42	-1	-3	25	-100	62	6.1	10.5	-3	-5	1.02	-500	0.8	0.8	10	-100	2	3.7	2.5	96
126611	14.57	2	15	1100	2.2	-1	69	3	68	7	1.1	6	9	-5	2.81	34	0.38	-1	-3	22	-100	62	5.2	9.2	-3	-5	1	-500	1.2	0.6	9.3	-100	2	2.8	2.2	-50
126612	13.6	2.9	11	950	2	-1	66	4	80	9	1	-2	8	-5	3.16	34	0.35	-1	-3	25	-100	86	4.9	10.6	-3	-5	0.91	-500	1.2	0.6	10	-100	2	3.1	2.1	58
126613	14.42	2.4	14	1100	0.8	-1	78	3	66	6	1.1	-2	10	-5	2.55	37	0.42	-1	-3	26	-100	79	5.9	9.4	-3	-5	0.93	-500	1.4	0.7	10	-100	-1	3.1	2.4	-50
126614	15.4	1.3	14	770	2.3	-1	83	3	66	9	1.3	-2	9	-5	2.97	41	0.45	-1	-6	30	-100	75	7	10.5	-3	-5	0.91	-500	0.6	0.9	12	-100	3	3.9	2.7	78
126615	16.34	2.2	15	1500	0.7	-1	150	6	130	11	1.7	-2	8	-5	4.95	79.8	0.56	-1	-10	53	-100	220	10.9	21.2	-3	-5	0.67	-500	1.2	1.5	23.7	-100	-1	4.7	3.2	110
126616	17.24	1.2	11	860	1.1	-1	86	4	87	11	1.6	-2	9	-5	3.62	50	0.45	-1	-3	36	-100	99	8.2	13.2	-3	-5	1	-500	1.4	0.9	14	-100	-1	4.7	2.7	91
126617	13.06	2	11	820	1.5	-1	99	4	89	10	1.3	-2	9	-5	3.29	51.2	0.42	-1	-6	33	-100	130	7.5	13.3	-3	-5	1	-500	1.4	0.8	15	-100	4	4.4	2.4	77
126618	16.4	2	14	850	0.8	-1	86	3	84	10	1.3	-2	9	-5	3.35	45	0.44	-1	-3	32	-100	110	7.3	12.9	-3	-5	1	-500	1.3	0.9	14	-100	-1	4.2	2.6	73
126619	14.16	3.7	22	1100	1.4	-1	68	3	67	10	1.1	-2	9	-5	2.86	34	0.36	-1	-3	26	-100	74	5.6	10	-3	-5	1	-500	1	0.6	11	-100	1	3.2	2.2	81
126620	14.8	1.7	13	870	0.8	-1	70	3	61	9	1	6	9	-5	2.65	33	0.33	-1	-3	21	-100	78	5.2	9.1	-3	-5	0.86	-500	1	0.6	11	-100	-1	2.7	1.9	63
126621	12.86	12.4	31	1200	-0.5	-1	62	2	66	6	0.9	52	9	-5	2.41	30	0.34	-1	-2	21	-100	55	4.9	8.6	-3	-5	1	-500	1.1	-0.5	8.7	-100	-1	3.2	2	59
126622	12.69	1.6	12	890	2.6	-1	82	3	73	10	1.4	-2	9	-5	2.87	41	0.41	-1	-3	32	-100	83	6.7	11.4	-3	-5	1	-500	1.3	1	11	-100	2	4	2.5	76
126623	10.76	1.8	15	890	0.6	-1	110	5	93	12	1.6	-2	8	-5	3.72	55.3	0.45	-1	-3	40	-100	150	8.3	15.2	-3	-5	0.74	-500	1.3	1	16	-100	3	4.1	2.7	83
126624	12.74	4.1	18	850	-0.5	-1	77	3	73	10	1.2	-2	9	-5	2.83	38	0.41	-1	-3	24	-100	66	6.1	10.5	-3	-5	1.03	-500	1.5	0.7	10	-100	2	3.9	2.4	74
126852	10.88	2.5	20	1000	1.4	-1	79	3	73	10	1.2	-2	9	-5	2.86	39	0.42	-1	-3	27	-100	70	6.2	10.5	-3	-5	0.94	-500	1.4	0.8	11	-100	3	3.4	2.4	60

Company : Mayo Lake Minerals Inc.
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Date Reported : 26-Oct-12& 9-Oct-12

T12-01776.0
& T12-01777.0
&T12-01774.0

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ISO 17025
For Scope of Accreditation No. 422
Pour la portée d'accréditation no. 422

Acme file # :WHI12000582 & WHI12000583& WHI12000580
Samples were run as received.
Analysis performed by Neutron Activation (Method BQ-NAA-1)
A negative result denotes "Less Than".

Note : Mo results are interfered with by Mo production from U fission. Samples above 500ppmSb have elevated detection limits due to high Sb.

Soil ID	Wt grams	Sb ppm	As ppm	Ba ppm	Br ppm	Ca %	Ce ppm	Cs ppm	Cr ppm	Co ppm	Eu ppm	Au ppb	Hf ppm	Ir ppb	Fe %	La ppm	Lu ppm	Hg ppm	Mo ppm	Nd ppm	Ni ppm	Rb ppm	Sm ppm	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	Ta ppm	Tb ppm	Th ppm	Sn ppm	W ppm	U ppm	Yb ppm	Zn ppm
126853	11.36	2.3	13	860	0.9	-1	80	2	71	11	1.2	8	9	-5	2.86	40	0.4	-1	-3	28	-100	75	6.3	10.5	-3	-5	1	-500	0.7	0.7	11	-100	-1	4.2	2.4	65
126854	9.06	1.8	51.5	1100	3.3	1	77	3	73	12	1.2	-2	8	-5	3.01	38	0.38	-1	-3	27	-100	70	6.1	10.7	-3	-5	1	-500	1	0.8	10	-100	2	3.5	2.2	81
126855	9.82	1.9	24	840	1.1	-1	70	3	70	9	1.1	-2	9	-5	2.85	34	0.37	-1	-3	23	-100	61	5.6	10.5	-3	-5	1	-500	0.9	0.6	10	-100	2	3.7	2.2	80
126856	7.73	0.9	39	1200	2.2	-1	83	4	72	10	1.4	-2	9	-5	2.68	42	0.42	-1	-3	28	-100	77	6.7	11.5	-3	-5	1.04	-500	1.3	0.7	11	-100	3	3.9	2.5	85
126857	10.51	2.2	20	810	2.8	-1	76	4	77	10	1.2	-2	9	-5	3.06	38	0.43	-1	-3	29	-100	77	6.4	11.5	-3	-5	1.04	-500	1	0.8	10	-100	3	3.6	2.5	86
126858	11.22	6	19	1100	0.9	-1	100	5	90	18	1.3	-2	9	-5	4.04	47	0.41	-1	-3	33	-100	100	7	13.1	-3	-5	0.87	-500	1.4	0.6	16	-100	4	3.8	2.4	80
126859	10.08	1.8	24	970	3.4	-1	73	2	68	11	1.1	-2	9	-5	2.98	35	0.37	-1	-3	28	-100	59	5.6	10.4	-3	-5	1	-500	0.7	0.7	10	-100	2	3.9	2.2	65
126860	9.04	2.2	4.7	1200	1.6	-1	81	3	79	10	1.3	-2	9	-5	3.03	41	0.41	-1	-3	27	-100	73	6.2	11.1	-3	-5	1.05	-500	0.9	0.8	12	-100	-1	3.7	2.4	87
126861	10.87	1.3	6.9	940	1	-1	120	5	94	20	1.5	-2	9	-5	4.15	51.5	0.47	-1	-7	38	-100	110	8	15.1	-3	-5	1.06	-500	1.2	0.8	17	-100	3	5	2.8	92
126862	11.89	1.9	15	780	4.3	-1	120	6	98	11	1.7	-2	8	-5	3.43	58.8	0.47	-1	-4	40	-100	120	8.5	15.4	-3	-5	1.03	-500	1.4	0.7	15	-100	4	4.1	2.8	75
126863	10.9	3.2	18	810	2	-1	68	4	82	8	1	-2	8	-5	3.16	34	0.39	-1	-6	26	-100	66	5.3	10.8	-3	-5	1	-500	1.1	0.5	10	-100	-1	3.4	2.2	66
126864	12.18	3	10	1100	1.5	2	110	4	97	14	1.7	-2	9	-5	3.7	53.7	0.47	-1	-4	37	-100	100	8.3	14.6	-3	-5	1.03	-500	1.1	0.9	14	-100	-1	5	2.8	94
126865	13.18	15.6	55.8	900	1.7	-1	96	8	90	9	1.2	-2	9	-5	3.14	47	0.4	-1	-4	34	-100	130	6.8	13.7	-3	-5	0.69	-500	1.3	0.6	14	-100	5	3.5	2.3	77
126866	11.26	1.3	13	940	2.6	-1	89	13	83	14	1.1	-2	14	-5	3.34	41	0.46	-1	-3	26	-100	98	6.3	11.1	-3	-5	0.79	-500	1.5	0.9	17	-100	2	4.7	2.5	82
126867	11.73	1.9	14	920	5.1	-1	71	4	72	11	1	-2	9	-5	3.19	35	0.36	-1	-3	25	-100	81	5.5	10.3	-3	-5	0.84	-500	1.3	0.6	11	-100	2	3.3	2.1	77
126868	9.9	0.7	6.6	850	2	-1	75	4	82	9	1	-2	9	-5	3.17	37	0.38	-1	-3	25	-100	84	5.8	11.1	-3	-5	0.92	-500	1.2	0.5	12	-100	2	3.8	2.2	70
126869	11.46	1.1	9.5	1100	1.1	-1	74	4	73	7	1.2	-2	10	-5	2.64	37	0.41	-1	-3	28	-100	67	5.9	10.3	-3	-5	0.82	-500	1.2	-0.5	10	-100	2	3.9	2.4	-50
126870	13.38	1.3	12	900	2	-1	71	3	74	8	1.1	-2	9	-5	2.48	35	0.4	-1	-2	25	-100	60	6	10	-3	-5	1.1	-500	1.4	0.8	9.5	-100	1	3.7	2.3	84
126871	12.91	1.3	10	760	0.7	-1	85	5	94	15	1.3	-2	9	-5	3.89	42	0.36	-1	-3	29	-100	130	6.6	13.7	-3	-5	0.81	-500	1.2	0.9	14	-100	2	4.3	2.3	87
126872	11.84	1.1	10	910	2.2	-1	100	5	72	13	1.2	-2	10	-5	2.81	41	0.3	-1	-3	29	-100	120	6.1	9.3	-3	-5	0.52	-500	0.8	-0.5	19	-100	2	3.5	1.7	65
126873	9.01	0.3	5.2	1600	1.1	-1	100	4	88	13	1.5	-2	10	-5	3.33	51.3	0.43	-1	-3	36	-100	110	8.1	13.3	-3	-5	0.76	-500	1.5	0.9	15	-100	2	3.7	2.6	83
126874	13.26	1.1	12	1100	2.7	-1	76	3	77	11	1.1	-2	8	-5	3.25	39	0.38	-1	-3	24	-100	75	6.2	11.8	-3	-5	1	-500	1	0.9	11	-100	2	3.7	2.3	92
126875	12.16	0.7	7.5	910	3.4	-1	90	4	79	10	1.3	-2	9	-5	3.23	45	0.41	-1	-3	30	-100	100	7	12.4	-3	-5	0.94	-500	1.3	0.8	13	-100	2	3.7	2.4	80
128118	6.42	1.8	159	1300	0.9	-1	79	3	74	11	1.4	-2	8	-5	2.93	41	0.45	-1	-3	28	-100	70	6.9	10.9	-3	-5	1.02	-500	1.2	0.9	10	-100	2	3	2.6	66
128119	8.7	1.6	164	1100	-0.5	-1	66	2	64	10	1.2	-2	9	-5	2.74	33	0.34	-1	-2	24	-100	51	5.6	10	-3	-5	1	-500	1	0.5	9	-100	2	3	2.1	75
128120	13.7	1.5	16	1300	0.8	-1	64	3	85	11	1	-2	7	-5	3.45	33	0.36	-1	-3	25	-100	76	5.3	11.3	-3	-5	1.14	-500	1.1	0.6	10	-100	-1	4.4	2.1	110
128121	12.42	1.5	15	1200	0.8	-1	61	2	61	9	1	-2	8	-5	2.59	31	0.35	-1	-2	22	-100	49	5.1	9.1	-3	-5	1.09	-500	0.9	0.7	8.3	-100	-1	2.6	2.1	65
128122	9.52	1.6	21	1100	-0.5	-1	73	4	69	6	0.9	-2	9	-5	2.42	37	0.37	-1	-3	25	-100	82	5.6	10.4	-3	-5	0.85	-500	1.2	0.7	10	-100	2	3.4	2.2	-50
128123	12.44	5.2	21	2800	0.6	-1	76	3	68	12	1.1	6	10	-5	2.95	36	0.38	-1	-3	24	-100	60	5.6	10.3	-3	-5	1.04	-500	1	0.7	10	-100	2	3.6	2.2	67
128124	10.11	1.5	16	940	1.9	-1	81	4	78	11	1.3	-2	9	-5	3.14	41	0.41	-1	-3	27	-100	90	6.6	11.9	-3	-5	1.02	-500	1.2	0.8	12	-100	-1	3.9	2.5	85
128125	11.59	1.4	17	940	2.6	-1	99	3	76	13	1.3	6	11	-5	3.23	48	0.41	-1	-3	33	-100	91	7.1	11.2	-3	-5	0.95	-500	0.6	0.7	15	-100	-1	4.2	2.4	80
128126	12.71	2	23	900	3.5	-1	93	13	100	12	1.5	14	8	-5	4.01	47	0.45	-1	-7	32	-100	120	7.2	16.3	-3	-5	0.8	-500	1.5	0.9	13	-100	3	4.5	2.5	110
128127	10.39	1.2	8.8	680	0.6	-1	75	3	73	9	1.1	-2	10	-5	2.68	36	0.4	-1	-3	24	-100	61	5.9	10	-3	-5	1	-500	1.5	0.8	10	-100	2	2.5	2.4	76
128128	14.11	1.5	12	1000	-0.5	-1	96	5	79	13	1.4	-2	12	-5	3.02	45	0.42	-1	-6	33	-100	99	7.1	11.8	-3	-5	0.84	-500	1.6	0.8	15	-100	3	3.5	2.5	67
128129	11.65	1.2	14	840	3.2	-1	93	3	64	12	1.4	5	10	-5	3.11	46	0.45	-1	-3	36	-100	76	8	10.9	-3	-5	0.85	-500	1.3	1	12	-100	2	3.2	2.8	62
128130	11.56	1.7	12	940	-0.5	-1	87	4	84	13	1.2	-2	8	-5	3.32	41	0.41	-1	-6	30	-100	84	6.7	12.4	-3	-5	1	-500	0.6	0.8	13	-100	2	3.4	2.4	73
128131	10.78	1.7	16	860	2.6	-1	89	4	77	15	1.5	-2	9	-5	3.21	44	0.42	-1	-3	33	-100	95	7.2	12.2	-3	-5	1.03	-500	1.7	0.7	16	-100	-1	3.4	2.4	81
128132	11.85	1.7	15	810	2.2	-1	160	10	110	30	2.2	-2	7	-5	6.6	88.3	0.59	-1	-4	61	-100	190	12.8	20	-3	-5	0.78	-500	1.1	1.1	31.9	-100	3	6.1	3.5	140
128133	9.14	6.2	22	670	1.2	-1	83	3	79	9	1.3	29	10	-5	3.08	40	0.39	-1	-3	28	-100	86	6.5	11.3	-3	-5	0.86	-500	1.2	0.8	14	-100	2	4	2.4	61
128134	11.75	1.6	18	760	4	-1	150	9	110	41	2.1	-2	7	-5	5.95	70.4	0.6	-1	-4	50	-100	180	11.1	22.1	-3	-5	0.22	-500	1.5	1.5	26.6	-100	-1	3.7	3.5	140
128135	11.73	10	130	830	-0.5	-1	65	7	81	6	1	-2	8	-5	4.04	33	0.35	-1	-3	23	-100	88	4.9	10.2	-3	-5	0.76	-500	1.2	0.7	10	-100	2	3.2	2	59
128136	11.73	1.8	20	880	3.7	-1	110	8	84	12	1.5	-2	9	-5	3.5	52.2	0.46	-1	-3	35	-100	150	8.2	14.4	-3	-5	0.73	-500	1.4	0.8	16	-100	2	3.8	2.8	74
128137	10.88	1.6	10	670	0.9	1	100	6	97	10	1.5	-2	9	-5	3.9	51.4	0.44	-1	-3	36	-100	170	8	15.1	-3	-5	0.64	-500	1.5	0.8	18	-100	2	4.7	2.6	76
128138	12.58	2.4	15	730	1.4	1	110	12	97	19	1.4	-2	11	-5	4.66	54.5	0.54	-1	-3	39	-100	220	8.2	16.9	-3	-5	0.66	-500	2.3	0.9	22.2	-100	2	3.9	2.9	96
128139	13.23	1.5	12	810	2	1	140	8	92	15	1.8	-2	8	-5	4.37	65.6	0.51	-1	-3	44	-100	190	10	15.8	-3	-5	0.59	-500	1.5	1	19	-100	2	3.7	2.9	87
128140	12.83	1.6	14	760	1.3	-1	60	3	70	11	1	-2	8	-5	3.2	30	0.34	-1	-2	23	-100	58	4.9	10	-3	-5	1	-500	0.8	0.6	10	-100	-1	3	1.9	73

Company : Mayo Lake Minerals Inc.
Submitted by : Tyrell Sutherland
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128141	12.94	3.1	10	850	3.2	-1	110	6	92	12	1.3	-2	8	-5	3.9	55.7	0.42	-1	-3	38	-100	150	8.1	15.1	-3	-5	0.82	-500	2	0.7	19	-100	2	3.2	2.4	90
128142	12.79	6.4	15	660	5.2	-1	50	4	270	50	1.9	-2	5	-5	6.93	25	0.31	-1	-3	23	130	60	6.2	21	-3	-5	1.67	-500	0.8	0.8	7	-100	-1	1.8	2	120
128143	12.89	44.4	16	670	3.6	1	65	5	110	16	1.2	25	7	-5	4	32	0.33	-1	-3	25	-100	75	5.4	12.3	-3	-5	1.12	-500	1.1	0.7	8.9	-100	-1	2.5	2	80
128170	14.67	1.2	14	890	-0.5	-1	74	5	78	7	1.1	-2	9	-5	3.01	36	0.36	-1	-3	26	-100	100	5.6	11	-3	-5	0.75	-500	1.1	0.7	12	-100	1	3.5	2.2	62
128171	14.01	1.6	15	1200	2.1	-1	73	4	81	11	1.2	-2	8	-5	3.67	36	0.35	-1	-3	25	-100	82	5.8	11.8	-3	-5	1.04	-500	1	0.6	13	-100	2	3.7	2.1	70
128172	13.74	1.2	12	1000	0.5	-1	89	5	85	5	1.2	-2	8	-5	2.8	46	0.4	-1	-3	33	-100	110	6.5	12.9	-3	-5	1	-500	1.5	0.8	13	-100	2	3.5	2.4	60
128173	12.95	2.5	18	710	-0.5	-1	92	4	89	12	1.3	-2	9	-5	3.5	46	0.4	-1	-3	31	-100	99	6.9	13	-3	-5	1.05	-500	1	0.9	13	-100	2	3.8	2.4	84
128174	12.14	1.3	13	1200	0.6	-1	79	3	82	13	1.2	-2	9	-5	3.3	39	0.38	-1	-3	27	-100	73	6	11.4	-3	-5	1	-500	0.9	0.8	12	-100	-1	4	2.2	93
128175	13.35	1.8	14	1200	0.9	1	74	4	75	7	1.1	-2	9	-5	2.62	37	0.38	-1	-3	27	-100	75	5.5	10.4	-3	-5	0.87	-500	1	0.7	10	-100	2	3.5	2.3	61
128176	15.61	1.1	9.5	1700	1.1	-1	96	5	83	7	1.4	-2	9	-5	2.95	48	0.43	-1	-3	34	-100	99	7.1	12.8	-3	-5	0.93	-500	1.5	0.7	13	-100	2	3.8	2.5	64
128177	14.69	1.4	66.8	1100	1.2	-1	160	18	110	15	1.8	-2	7	-5	5.01	82.3	0.51	-1	-4	51	-100	220	11.1	22.5	-3	-5	0.92	-500	1.2	1.2	23.3	-100	-1	3.5	3	120
128178	16.45	1.1	10	1200	0.7	-1	80	3	81	13	1.3	-2	7	-5	3.44	39	0.41	-1	-3	28	-100	62	6.7	12.2	-3	-5	1.33	-500	1.4	0.9	10	-100	2	3.5	2.4	74
128179	15.84	1.1	14	1500	1.2	-1	140	4	88	22	2.1	-2	8	-5	4.08	72	0.66	-1	-4	53	-100	120	10.6	13.9	-3	-5	2.06	-500	1.5	1.3	20.3	-100	-1	2.8	4	100
128180	12.71	1.3	16	970	2.4	-1	200	13	120	24	2.4	-2	7	-5	4.89	103	0.66	-1	-5	69	-100	300	14.5	22.2	-3	-5	0.29	-500	2.3	1.2	32.6	-100	5	6.7	4.1	150
128181	14.76	1.2	9.2	1400	0.8	-1	130	13	97	20	1.7	-2	12	-5	4.35	61	0.54	-1	-4	43	110	240	9.5	17.3	-3	-5	0.88	-500	1.8	0.9	27	-100	-1	4	3.1	97
128182	11.16	1.6	16	1100	2.4	-1	86	3	76	10	1.3	-2	10	-5	2.89	43	0.41	-1	-3	29	-100	86	7.1	11.5	-3	-5	0.86	-500	1.1	0.9	13	-100	3	4.5	2.5	83
128183	14.32	1.6	13	1000	-0.5	-1	86	3	74	10	1.3	-2	11	-5	2.88	42	0.44	-1	-3	33	-100	76	7.1	10.9	-3	-5	0.94	-500	1.2	0.9	13	-100	-1	4.1	2.6	82
128184	15.1	1.9	14	1400	-0.5	-1	84	3	150	22	1.8	-2	8	-5	4.83	42	0.45	-1	-3	33	-100	84	7.9	15.8	-3	-5	1.21	-500	1.5	0.9	13	-100	2	3.1	2.6	110
128185	12.68	1.2	15	1000	1.1	-1	89	6	85	11	1.4	-2	9	-5	3.26	45	0.44	-1	-6	30	-100	100	7.2	11.8	-3	-5	0.79	-500	1.4	1	15	-100	-1	4.5	2.5	190
128186	12.9	1.5	12	1100	1.6	-1	98	5	90	11	1.3	-2	10	-5	3.22	47	0.4	-1	-3	33	-100	120	7.3	12.5	-3	-5	0.92	-500	1.1	0.8	15	-100	2	2.9	2.4	70
128187	13.88	1.4	13	1100	0.7	-1	94	5	82	10	1.3	-2	11	-5	3.09	45	0.42	-1	-3	32	-100	95	7.1	11.9	-3	-5	1	-500	1.5	0.9	14	-100	3	3.8	2.4	76
128188	10.72	1.3	10	830	1.5	-1	75	3	76	13	1.1	-2	10	-5	3.44	37	0.38	-1	-3	27	-100	82	5.9	10.5	-3	-5	0.88	-500	1.3	0.7	12	-100	2	3.7	2.2	70
128189	8.15	4.4	8.8	990	3.3	-1	66	4	63	2	0.8	-2	10	-5	1.2	32	0.38	-1	-2	23	-100	57	4.7	7.5	-3	-5	0.47	-500	1.5	0.6	10	-100	2	3.5	2.1	-50
128190	9.26	5.2	10	1000	3	-1	86	3	72	12	1.4	7	10	-5	2.91	43	0.44	-1	-3	31	-100	66	7	11.2	-3	-5	1.03	-500	1.1	0.8	12	-100	2	3.5	2.6	85
128191	12.27	5.1	12	690	3.8	-1	73	3	76	13	1.1	-2	8	-5	3.64	36	0.34	-1	-3	25	-100	86	5.6	10.5	-3	-5	0.91	-500	1.3	0.7	12	-100	2	3.2	2	76
128192	11.96	16.3	14	800	2.5	-1	95	4	76	12	1.3	-2	10	-5	3.15	44	0.42	-1	-3	33	-100	95	7	11.9	-3	-5	1.06	-500	1.5	0.9	14	-100	2	3.4	2.4	73
128193	10.77	4.8	16	1100	4	-1	72	4	77	13	1.1	-2	9	-5	3.31	35	0.39	-1	-3	27	-100	75	5.6	11.3	-3	-5	0.92	-500	1	0.7	11	-100	-1	3.4	2.2	83
128194	10.31	2.2	16	1100	3.7	-1	79	4	83	10	1.2	-2	9	-5	3.16	37	0.4	-1	-3	27	-100	84	5.9	12.3	-3	-5	0.88	-500	1.3	0.6	12	-100	-1	3.9	2.3	77
128195	12.65	2.6	14	900	3.1	-1	150	7	93	12	1.6	-2	7	-5	3.53	75.4	0.43	-1	-4	50	-100	190	10.1	14.6	-3	-5	0.37	-500	0.9	1.1	25.4	-100	5	4	2.4	71
128196	11.05	2.4	11	1100	2.5	-1	76	4	79	12	1.1	5	9	-5	3.54	36	0.39	-1	-3	27	-100	69	5.8	11.2	-3	-5	0.91	-500	1	0.6	12	-100	-1	3.2	2.2	71
128197	11.06	1.3	11	960	2.4	-1	100	8	120	30	1.8	10	6	-5	5.08	51.9	0.46	-1	-4	40	-100	110	8.4	17.1	-3	-5	1.51	-500	1.4	0.9	16	-100	4	3.8	2.7	100
128198	12.06	1.5	9.3	1300	-0.5	-1	72	4	90	14	1.1	-2	8	-5	3.63	33	0.35	-1	-3	25	-100	64	5.7	12.1	-3	-5	1.01	-500	1.2	0.8	10	-100	2	3.3	2	75
128199	13.78	1.5	10	1200	0.9	1	66	4	160	21	1.2	-2	8	-5	3.77	33	0.34	-1	-3	22	-100	56	5.5	10.9	-3	-5	1.08	-500	1.3	0.7	8.8	-100	2	3.1	2	75
128200	13.86	1.7	12	1100	1.2	-1	74	3	140	24	1.4	-2	7	-5	5.17	28	0.31	-1	-4	26	-100	57	5.6	15.5	-3	-5	1.7	-500	1.5	0.8	8.4	-100	5	2.3	1.9	94
128201	12.96	1.5	13	870	5.8	-1	61	2	82	13	1	-2	8	-5	3.07	30	0.32	-1	-3	26	-100	55	5	10.1	-3	-5	1.02	-500	1.3	0.7	8.5	-100	-1	3	2	77
128202	12.07	1.6	15	830	3	-1	61	2	82	12	1.1	-2	8	-5	2.99	31	0.32	-1	-3	21	-100	52	5.1	10	-3	-5	1.05	-500	1.1	0.6	8.6	-100	2	2.2	2	68
128203	11.5	1.1	12	950	2.4	-1	70	3	71	14	1.1	-2	7	-5	3.14	34	0.33	-1	-3	25	-100	78	5.4	10.6	-3	-5	0.82	-500	1.3	0.7	11	-100	2	3.2	1.9	66
128204	6.27	1.4	11	870	5.2	1	52	8	64	10	0.9	-2	6	-5	3.03	27	0.27	-1	-2	18	-100	58	4.4	10	-3	-5	0.87	-500	0.6	0.5	9.1	-100	2	2.9	1.7	57
128205	12.58	1.6	22	800	3.7	-1	51	5	110	16	1	-2	7	-5	3.98	26	0.32	-1	-3	18	-100	44	4.5	10.9	-3	-5	1.14	-500	0.9	0.6	7.1	-100	1	2.4	1.8	70
128206	10.39	1.3	11	1200	1.1	-1	52	6	57	9	0.9	-2	8	-5	2.6	27	0.29	-1	-2	20	-100	57	4.2	7.9	-3	-5	0.93	-500	0.8	-0.5	8.4	-100	2	3.1	1.7	66
128207	10.7	1.3	13	890	9.4	-1	67	9	70	10	1.2	-2	7	-5	3.17	34	0.33	-1	-3	24	-100	74	5.5	10.8	-3	-5	1.04	-500	1.2	0.7	10	-100	1	4.5	1.9	70
128208	11.48	1.5	16	1000	3.1	-1	54	9	53	7	0.8	-2	9	-5	2.46	28	0.28	-1	-2	18	-100	69	4.2	6.9	-3	-5	1	-500	1.4	-0.5	8.4	-100	2	3.1	1.7	-50
128209	13.09	0.9	9.1	900	1.3	-1	80	4	49	8	1.5	-2	11	-5	2.42	39	0.41	-1	-3	26	-100	64	6.6	8.4	-3	-5	0.86	-500	1.6	0.8	12	-100	2	3.8	2.4	-50
128210	9.76	3.4	11	1300	2.4	-1	48	5	35	3	0.8	-2	6	-5	1.66	26	0.2	-1	-1	18	-100	84	3.7	5.5	-3	-5	0.8	-500	1.4	-0.5	7.6	-100	2	3.5	1.1	-50
128211	12.1	1.7	14	1100	1.9	-1	63	3	67	11	1.3	-2	7	-5	3.05	34	0.38	-1	-3	21	-100	63	6	10.8	-3	-5	1.08	-500	1.5	0.7	9.3	-100	1	3	2.2	87
128212	14.92	1.5	11	1000	1.1	-1	69	4	54	7	1.2	24	9	-5	2.28	37	0.3	-1	-2	22	-100	89	5.5	8	-3	-5	1.23	-500	1.1	0.6	11	-100	2	4.7	1.7	68

Company : Mayo Lake Minerals Inc.
Submitted by : Tyrell Sutherland
Date Received : 29-Aug-12
Date Reported : 26-Oct-12& 9-Oct-12

T12-01776.0
& T12-01777.0
&T12-01774.0

Becquerel
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ISO 17025
For Scope of Accreditation No. 422
Pour la portée d'accréditation no. 422

Acme file # :WHI12000582 & WHI12000583& WHI12000580
Samples were run as received.
Analysis performed by Neutron Activation (Method BQ-NAA-1)
A negative result denotes "Less Than".

Note : Mo results are interfered with by Mo production from U fission. Samples above 500ppmSb have elevated detection limits due to high Sb.

Soil ID	Wt grams	Sb ppm	As ppm	Ba ppm	Br ppm	Ca %	Ce ppm	Cs ppm	Cr ppm	Co ppm	Eu ppm	Au ppb	Hf ppm	Ir ppb	Fe %	La ppm	Lu ppm	Hg ppm	Mo ppm	Nd ppm	Ni ppm	Rb ppm	Sm ppm	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	Ta ppm	Tb ppm	Th ppm	Sn ppm	W ppm	U ppm	Yb ppm	Zn ppm
128213	12.89	20.8	16	940	1.8	-1	58	7	60	8	0.9	-2	8	-5	2.75	30	0.29	-1	-2	20	-100	90	4.5	8.2	-3	-5	0.93	-500	1.1	0.6	10	-100	2	3.5	1.6	110
128214	14.63	2.4	10	930	1.4	-1	51	4	50	6	0.9	7	8	-5	2.2	27	0.24	-1	-2	16	-100	76	3.9	6.8	-3	-5	1.01	-500	1	0.6	9	-100	2	3.4	1.4	51
128215	12.25	2.6	13	960	1.2	-1	52	7	48	7	0.9	-2	7	-5	2.52	27	0.24	-1	-2	18	-100	99	4	7.2	-3	-5	1.13	-500	1.1	-0.5	9.4	-100	1	3.5	1.4	71
128216	13.37	3.3	14	800	1.7	-1	51	4	70	8	0.9	-2	7	-5	3.46	27	0.31	-1	-2	21	-100	65	4	9.1	-3	-5	1	-500	1.3	0.5	8.7	-100	1	2.7	1.7	67
128217	12.86	1.8	16	780	4.7	-1	58	5	53	7	0.9	-2	8	-5	2.42	30	0.26	-1	-2	20	-100	92	4.6	7.4	-3	-5	1.16	-500	1.4	0.5	10	-100	2	3.5	1.5	77
128218	12.67	20.4	26	910	-0.5	-1	59	5	87	10	1	-2	7	-5	3.67	30	0.33	-1	-3	23	-100	71	4.8	12.2	-3	-5	1.07	-500	1	0.7	11	-100	1	4.2	1.9	76
128219	13.72	3.6	13	1000	-0.5	-1	90	3	68	12	1.7	-2	10	-5	2.91	47	0.46	-1	-3	34	-100	76	8.2	11.7	-3	-5	1	-500	1.2	1	12	-100	2	3.2	2.8	80
128220	11.3	1.6	10	950	1.6	-1	79	3	83	13	1.3	4	9	-5	3.28	40	0.42	-1	-3	29	-100	73	6.9	11.8	-3	-5	1.17	-500	1.2	0.9	11	-100	2	3.8	2.6	90
128221	13.75	2.4	15	1100	-0.5	-1	78	3	74	9	1.1	-2	10	-5	2.79	39	0.39	-1	-3	27	-100	79	6	11	-3	-5	1	-500	1.5	0.8	11	-100	2	3.3	2.5	66
128222	15.05	2	10	1000	-0.5	-1	85	3	83	12	1.4	-2	9	-5	3.44	44	0.45	-1	-3	31	-100	93	7	13.1	-3	-5	1.06	-500	1.3	0.8	12	-100	-1	3.3	2.6	78
128413	18.54	1	12	660	0.5	-1	79	3	74	12	1.3	-2	9	-5	3.3	37	0.42	-1	-3	26	-100	63	6.1	12	-3	-5	1.08	-500	1	0.9	11	-100	2	4.1	2.4	72
128414	15.02	1.1	13	760	-0.5	-1	90	3	86	14	1.3	-2	9	-5	3.41	43	0.41	-1	-3	31	-100	83	6.9	12.7	-3	-5	0.93	-500	1.5	0.7	14	-100	1	3.7	2.4	73
128415	17.55	1.2	10	710	0.9	-1	120	9	93	25	1.7	-2	12	-5	4.47	54.1	0.5	-1	-4	38	-100	170	8.8	16.5	-3	-5	1	-500	1.1	1	20.9	-100	-1	3.3	2.8	110
128416	14.83	1.1	12	740	0.6	-1	110	8	92	26	1.7	-2	11	-5	4.36	50.5	0.46	-1	-6	36	-100	150	8.2	15.4	-3	-5	1.09	-500	1.5	1	19	-100	2	3.7	2.7	100
128417	17.32	1.2	13	570	0.6	-1	61	3	86	11	1	-2	8	-5	3.89	29	0.32	-1	-2	19	-100	53	4.8	11.2	-3	-5	1	-500	1.1	0.6	10	-100	2	2.6	1.9	65
128418	14.42	1.1	10	780	-0.5	-1	68	3	95	16	1.2	6	9	-5	3.74	33	0.38	-1	-3	24	-100	58	5.8	11.9	-3	-5	1.08	-500	1.1	0.7	10	-100	2	3.6	2.2	96
128419	15.17	1.2	12	750	1.2	-1	68	4	88	13	1.2	4	7	-5	3.62	33	0.35	-1	-3	25	-100	81	5.7	12.6	-3	-5	1.02	-500	0.8	0.8	11	-100	2	4.1	2.2	82
128420	15.07	1	11	810	-0.5	-1	71	4	80	15	1.2	-2	7	-5	3.59	35	0.37	-1	-3	25	-100	87	5.8	12.1	-3	-5	1	-500	1.2	0.6	12	-100	3	3.5	2.2	95
128421	18.42	1.4	12	930	0.5	1	76	3	74	13	1.1	14	9	-5	3.1	36	0.38	-1	-2	24	-100	69	5.8	10.5	-3	-5	1.01	-500	0.8	0.6	12	-100	1	3.4	2.3	87
128422	18.28	1.1	8.3	1400	-0.5	-1	93	6	78	14	1.2	5	8	-5	3.38	43	0.34	-1	-3	29	-100	110	6.7	12.3	-3	-5	1.07	-500	0.9	0.8	14	-100	2	3.4	2.1	98
128423	16.25	2	8.6	920	-0.5	-1	95	4	82	11	1.3	-2	9	-5	3.27	48	0.4	-1	-3	32	-100	100	7.1	12.2	-3	-5	1.1	-500	1.6	0.7	14	-100	3	3.9	2.3	77
128424	15.96	1.5	10	1400	1.1	-1	87	4	78	11	1.5	-2	10	-5	3.08	45	0.42	-1	-3	31	-100	100	7.1	12	-3	-5	1.13	-500	0.9	0.8	13	-100	3	4.1	2.5	62
128425	13.55	1.6	15	1000	0.7	-1	79	3	79	11	1.4	5	9	-5	3.2	42	0.43	-1	-3	30	-100	80	6.9	12.5	-3	-5	1.15	-500	1.3	0.7	11	-100	2	3.6	2.6	91
128426	14.73	1.7	15	1300	-0.5	-1	81	3	77	12	1.4	-2	8	-5	3.3	39	0.4	-1	-3	28	-100	76	6.5	12.9	-3	-5	1.09	-500	1.1	0.9	11	-100	2	3.4	2.4	86
128427	16.25	1.5	14	1000	0.7	-1	71	3	74	14	1.2	-2	8	-5	3.19	35	0.36	-1	-3	27	-100	67	5.9	11.5	-3	-5	1.09	-500	1.3	0.6	11	-100	2	3.8	2.1	84
128428	15.55	1.5	15	800	-0.5	-1	82	3	74	14	1.2	-2	10	-5	3.31	39	0.39	-1	-3	29	-100	77	6.5	11.1	-3	-5	1.12	-500	1.4	0.9	13	-100	1	3.2	2.4	71
128429	16.38	0.8	8.5	690	0.9	-1	96	5	86	13	1.2	-2	10	-5	3.62	48	0.44	-1	-3	33	-100	110	7.4	13.2	-3	-5	0.91	-500	1.6	0.7	16	-100	2	3.9	2.6	71
128430	14.67	1.1	10	1300	-0.5	-1	89	8	86	10	1.1	-2	6	-5	3.05	43	0.34	-1	-3	31	-100	150	6.6	14.6	-3	-5	0.8	-500	-0.5	0.8	13	-100	-1	3	2	66
128431	15.59	1.2	11	1100	0.8	-1	79	5	75	13	1.2	-2	8	-5	3.61	39	0.38	-1	-3	28	-100	89	6.1	11.7	-3	-5	0.91	-500	0.9	0.7	12	-100	-1	3.3	2.2	69
128432	17.87	1.2	15	740	0.7	-1	100	5	85	16	1.6	-2	9	-5	3.92	51.5	0.46	-1	-3	37	-100	120	8.1	15	-3	-5	1.07	-500	1.5	0.6	15	-100	-1	4.1	2.7	95
128433	11.23	0.9	15	1100	1.1	-1	65	4	78	17	1.1	-2	7	-5	3.64	31	0.34	-1	-3	23	-100	71	5.2	11.9	-3	-5	1.06	-500	1.1	0.7	12	-100	3	3.6	2	73
128434	11.4	0.7	19	1100	0.8	-1	83	3	77	13	1.7	-2	8	-5	3.34	40	0.5	-1	-3	31	-100	63	8.1	13.3	-3	-5	1.05	-500	1	1.2	11	-100	2	4.1	3.1	78
128435	13.88	1	27	1000	-0.5	-1	78	4	82	10	1	-2	10	-5	3.22	39	0.37	-1	-3	28	-100	91	5.9	11.4	-3	-5	1.08	-500	1.8	0.7	12	-100	3	3	2.2	76
128436	18.21	1.3	22	540	0.6	-1	120	12	100	18	1.6	21	9	-5	4.63	58.2	0.5	-1	-4	43	-100	200	8.7	18.3	-3	-5	0.95	-500	1.3	0.9	20	-100	3	4	2.9	100
128437	14.46	1.3	12	940	-0.5	-1	95	4	83	12	1.5	-2	12	-5	3.37	46	0.5	-1	-3	33	-100	93	7.8	12.4	-3	-5	1.03	-500	1.5	1	13	-100	2	3.9	3	84
128438	12.12	1.1	14	910	2.2	-1	85	3	78	13	1.3	-2	12	-5	3.05	40	0.45	-1	-3	29	-100	60	6.7	11	-3	-5	1.12	-500	1.5	0.8	11	-100	1	3.7	2.6	86
128439	8.83	0.8	18	1200	2	-1	100	4	76	13	1.4	-2	11	-5	3.33	48	0.43	-1	-3	30	-100	100	7.6	11.9	-3	-5	1.1	-500	1.3	0.9	15	-100	-1	4.1	2.5	82
128440	9.59	0.7	18	1300	1	-1	80	3	66	8	1.3	-2	10	-5	2.59	40	0.41	-1	-3	28	-100	69	6.7	10	-3	-5	1.04	-500	1.3	0.8	11	-100	-1	3.3	2.4	63
131684	13.18	1	20	780	0.8	-1	84	4	71	12	1.3	11	8	-5	3.14	41	0.39	-1	-3	32	-100	92	6.9	12	-3	-5	1	-500	1	0.7	12	-100	2	3.3	2.3	74
131685	11.32	1.2	20	840	2.2	1	84	3	64	12	1.2	-2	9	-5	2.92	38	0.39	-1	-3	28	-100	76	6.3	10.3	-3	-5	1	-500	1.2	0.8	13	-100	2	3.4	2.3	66
131686	12.75	1.5	28	1100	1.3	1	64	3	71	9	1	-2	8	-5	3.51	33	0.35	-1	-3	22	-100	61	5.3	10	-3	-5	0.86	-500	1	0.7	10	-100	2	3.1	2.1	62
131687	8.38	1.5	92.8	910	2.7	1	95	4	65	12	1.4	4	10	-5	2.95	48	0.44	-1	-3	31	-100	93	7.7	10.8	-3	-5	1	-500	1.2	0.9	14	-100	2	3.3	2.5	73
131688	11.56	1.6	135	1100	1.4	-1	67	3	70	9	1.1	-2	8	-5	2.79	34	0.38	-1	-3	24	-100	72	5.8	10.4	-3	-5	1.02	-500	1	0.9	10	-100	-1	3.4	2.2	68
131689	12.11	1.4	14	1700	1.8	1	75	3	79	12	1.2	-2	8	-5	3.28	37	0.4	-1	-3	28	-100	76	6.2	12.4	-3	-5	1.05	-500	1.5	0.7	10	-100	2	3.7	2.5	76
131690	12.77	0.8	9.1	910	2.2	1	73	3	66	10	1.3	-2	8	-5	2.99	38	0.44	-1	-3	29	-100	67	6.9	10.8	-3	-5	1	-500	1.3	0.8	10	-100	2	3.5	2.6	86
131691	12.21	0.9	10	860	2	-1	77	3	73	11	1.3	-2	8	-5	3.05	38	0.4	-1	-3	27	-100	75	6.6	11.4	-3	-5	1.08	-500	1.5	1	10	-100	-1	3.5	2.5	79

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Submitted by : Tyrell Sutherland
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Acme file # :WHI12000582 & WHI12000583& WHI12000580
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A negative result denotes "Less Than".

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131692	12.63	1.3	15	1100	1.4	-1	57	1	44	7	1	-2	10	-5	1.89	28	0.33	-1	-1	20	-100	35	4.7	6.3	-3	-5	0.82	-500	0.9	0.6	7.8	-100	2	2.5	1.9	-50
131693	9.99	1.5	30	840	1	-1	60	2	56	8	1	-2	9	-5	2.27	31	0.36	-1	-2	23	-100	45	5.3	8	-3	-5	0.94	-500	0.9	0.7	9	-100	1	2.5	2	52
131694	13.92	1.4	21	810	0.6	-1	61	1	54	7	1.1	6	11	-5	2.03	31	0.38	-1	-2	23	-100	41	5.4	7.9	-3	-5	1	-500	0.9	0.6	8.6	-100	-1	2.9	2.2	50
131695	10.2	1.4	29	1000	1.6	-1	57	2	63	7	0.9	-2	9	-5	2.6	29	0.34	-1	-2	21	-100	56	4.5	8.1	-3	-5	0.92	-500	1	-0.5	8	-100	2	2.8	1.9	-50
131696	10.83	1.1	25	1000	2.4	-1	75	2	47	7	1	-2	10	-5	2.15	40	0.32	-1	-2	23	-100	53	5.1	6.9	-3	-5	0.77	-500	1.1	0.5	11	-100	1	2.8	1.9	-50
131697	12.69	1.9	14	930	2.2	-1	82	2	62	8	1.2	45	16	-5	2.22	40	0.43	-1	-5	29	-100	47	6.3	7.5	-3	-5	0.84	-500	1.4	0.6	11	-100	2	4.9	2.4	63
131698	11.41	1.1	11	760	1.9	-1	70	2	52	8	1.1	12	12	-5	2.23	34	0.38	-1	-2	26	-100	50	5.6	7.4	-3	-5	0.85	-500	1	0.8	10	-100	-1	3.6	2.2	50
131699	12.33	1.4	13	810	0.6	-1	72	2	53	9	1.1	13	13	-5	2.14	35	0.41	-1	-5	25	-100	39	5.9	7.4	-3	-5	0.87	-500	1.1	0.7	9.5	-100	2	6.8	2.4	-50
131700	12.9	0.9	12	740	2.2	-1	83	3	78	9	1.4	-2	13	-5	2.73	43	0.44	-1	-3	29	-100	56	7	10.1	-3	-5	1.21	-500	1.3	0.8	12	-100	3	4.4	2.6	72
131701	13.08	1.3	16	900	3.3	-1	78	5	33	5	1.4	-2	8	-5	1.84	40	0.28	-1	-5	25	-100	100	6	6.9	-3	-5	1.16	-500	1.3	0.6	15	-100	2	4.3	1.5	54
131702	13.56	1.3	21	800	2.2	-1	71	5	33	5	1.2	-2	7	-5	1.86	36	0.21	-1	-5	25	-100	85	5.4	5.9	-3	-5	0.79	-500	1.4	0.5	12	-100	2	3.5	1.3	-50
131703	9.2	10.1	29	840	1.4	-1	65	6	39	5	1.2	-2	7	-5	2.08	33	0.24	-1	-5	23	-100	89	5.1	6.7	-3	-5	0.91	-500	0.8	0.6	11	-100	-1	4	1.4	63
131704	11.47	1.2	15	790	3.1	-1	76	4	69	11	1.3	6	9	-5	3.13	36	0.4	-1	-3	26	-100	66	6.3	10.7	-3	-5	0.86	-500	1.2	0.6	11	-100	2	4.1	2.4	73
131705	12.93	1.6	18	1100	2.1	-1	70	3	66	11	1.2	-2	8	-5	3.18	36	0.43	-1	-3	27	-100	67	6.3	11.5	-3	-5	1	-500	1.1	0.8	10	-100	-1	4	2.5	77
131706	13.62	1.2	18	810	4.4	-1	69	2	58	9	1.3	6	9	-5	2.5	35	0.41	-1	-2	25	-100	57	6.1	9.2	-3	-5	0.87	-500	1.1	0.8	10	-100	-1	3.3	2.4	67
131707	11.8	1.2	12	760	2.5	1	65	2	56	10	1.1	-2	8	-5	2.65	33	0.36	-1	-2	24	-100	59	5.6	8.6	-3	-5	0.89	-500	1.1	0.8	10	-100	1	3	2.1	70
131708	12.18	1.1	10	700	2.4	-1	54	3	45	4	0.9	3	9	-5	1.8	28	0.28	-1	-1	20	-100	51	4.5	6.3	-3	-5	0.77	-500	1	-0.5	7.4	-100	-1	2.9	1.6	-50
131709	14.51	1	10	880	2.5	-1	49	5	59	7	0.8	-2	7	-5	2.62	25	0.27	-1	-2	19	-100	86	3.8	7.6	-3	-5	1.12	-500	1.2	-0.5	8.3	-100	3	3.4	1.5	63
131710	12.01	0.7	5.2	900	1.1	2	84	2	72	10	1.4	-2	11	-5	2.83	40	0.44	-1	-3	28	-100	77	6.7	10.3	-3	-5	0.91	-500	1.4	0.8	12	-100	2	4.1	2.5	58
131711	14.24	1.3	13	820	4.5	-1	80	2	62	11	1.2	5	10	-5	2.62	39	0.37	-1	-2	29	-100	53	6.1	8.6	-3	-5	0.87	-500	1.1	0.7	10	-100	1	3.8	2.2	58
131712	13.87	1.8	12	780	4.4	-1	110	3	98	13	1.4	-2	10	-5	3.74	54.1	0.46	-1	-3	35	-100	140	7.4	14.9	-3	-5	0.77	-500	1.5	0.9	18	-100	2	4.6	2.5	84
131713	13.36	1.6	10	680	4	-1	74	4	93	14	1	-2	12	-5	3.64	35	0.45	-1	-3	24	-100	150	5.6	13.3	-3	-5	0.78	-500	1.6	0.7	19	-100	2	4.9	2.3	73
131714	13.28	3.6	13	930	3.1	1	90	2	75	9	1.3	-2	12	-5	2.84	46	0.46	-1	-3	33	-100	90	7.2	11	-3	-5	1	-500	1.5	0.8	14	-100	2	4.2	2.6	65
131715	13.44	12.3	12	770	3.7	-1	60	2	46	9	1	-2	9	-5	2.26	29	0.33	-1	-2	23	-100	43	4.7	7	-3	-5	0.76	-500	0.9	-0.5	9.1	-100	2	3	1.9	-50
131751	17.63	2.3	16	590	-0.5	-1	80	3	74	10	1.2	-2	9	-5	3.19	39	0.38	-1	-3	25	-100	82	6	11	-3	-5	0.86	-500	1.3	0.8	12	-100	2	3.9	2.2	92
131752	17.77	1.5	9.1	900	1	-1	77	3	82	10	1.1	-2	10	-5	3.43	38	0.41	-1	-3	26	-100	79	6	11.5	-3	-5	0.93	-500	1.5	0.6	12	-100	-1	3.4	2.5	61
131753	16.93	1.7	12	940	0.6	-1	120	4	120	18	1.5	-2	13	-5	4.44	54.1	0.56	-1	-4	35	-100	170	8.3	17.3	-3	-5	0.73	-500	1.7	0.9	22.5	-100	3	4.7	3	86
131754	17.36	1.8	15	670	1	-1	110	4	120	18	1.4	-2	12	-5	4.55	52.6	0.51	-1	-4	38	-100	190	7.9	18.5	-3	-5	0.68	-500	1.7	0.7	22.1	-100	4	5.5	2.8	74
131755	14.88	1.5	6.2	730	1.4	-1	96	4	84	13	1.3	17	11	-5	3.32	49	0.41	-1	-5	29	-100	94	7.2	11.7	-3	-5	1	-500	1.4	0.9	15	-100	2	3.7	2.5	85
131756	16.27	1.5	16	970	-0.5	-1	67	4	74	9	0.9	-2	8	-5	3.12	34	0.34	-1	-3	22	-100	78	5.1	10.6	-3	-5	0.94	-500	1	-0.5	10	-100	2	2.8	2	100
131757	16.84	1.5	14	900	1.5	1	88	5	140	17	1.4	-2	9	-5	4.07	44	0.39	-1	-3	30	110	98	7.1	14.6	-3	-5	1.1	-500	1.8	0.8	14	-100	3	3.5	2.4	94
131758	15.5	2.1	19	660	0.9	-1	92	7	100	18	1.4	7	7	-5	4.02	46	0.41	-1	-3	29	-100	130	7.1	15.2	-3	-5	0.75	-500	1.1	0.9	17	-100	3	4.2	2.5	100
131759	16.12	1.6	14	850	0.5	-1	78	5	120	18	1.3	-2	9	-5	4.4	40	0.38	-1	-3	23	-100	120	6.4	14.1	-3	-5	1.03	-500	1.1	0.6	13	-100	2	3.4	2.3	110
131760	16.86	1.2	19	620	1.7	-1	63	4	110	17	1.3	-2	8	-5	3.54	33	0.35	-1	-3	22	-100	72	5.6	13.1	-3	-5	1	-500	1	0.9	10	-100	2	3.5	2.1	90
131761	15.34	1.9	15	690	0.9	-1	89	3	78	10	1.4	-2	12	-5	2.68	46	0.44	-1	-3	31	-100	76	6.9	10.9	-3	-5	1	-500	1.8	0.8	13	-100	2	4	2.6	68
131762	18.28	1.6	14	520	-0.5	-1	86	6	74	10	1.2	-2	10	-5	2.7	44	0.41	-1	-3	32	-100	86	6.6	11.2	-3	-5	1	-500	1.2	0.7	13	-100	2	4.3	2.4	83
131763	15.77	1.2	12	760	1.4	-1	88	4	82	13	1.5	-2	10	-5	3.2	45	0.45	-1	-3	30	-100	92	7.1	13.1	-3	-5	1	-500	1.3	0.9	13	-100	3	3.5	2.7	110
131764	13.96	1.2	11	760	2.1	-1	88	6	82	10	1.3	-2	9	-5	3.06	45	0.4	-1	-3	29	-100	110	6.6	12	-3	-5	0.87	-500	1.6	0.7	14	-100	3	3.2	2.3	65
131765	16.35	1.5	13	870	0.5	-1	130	4	88	12	2	-2	17	-5	3.34	65.2	0.58	-1	-3	43	-100	93	10	12.2	-3	-5	1.09	-500	1.4	1.2	19	-100	4	5.2	3.4	81
131766	17.12	1.3	10	720	1.3	-1	87	7	86	12	1.3	12	9	-5	3.46	44	0.43	-1	-3	30	-100	120	6.8	13.7	-3	-5	0.86	-500	1.6	0.8	15	-100	2	3.3	2.5	100
131767	18.15	1.7	14	1000	0.8	-1	100	6	84	13	1.5	-2	9	-5	3.54	50.8	0.46	-1	-3	34	-100	120	7.7	14.3	-3	-5	0.91	-500	1	1	17	-100	2	3.7	2.7	94
131768	15.43	1.6	14	990	-0.5	-1	86	6	84	10	1.5	9	9	-5	3.31	45	0.42	-1	-3	31	-100	110	6.8	12.7	-3	-5	0.91	-500	0.9	0.8	14	-100	2	3.7	2.4	94
131769	14.83	2.3	13	800	1.4	-1	78	5	76	9	1.2	-2	9	-5	2.93	39	0.37	-1	-3	22	-100	90	5.7	10.8	-3	-5	0.83	-500	1.4	0.7	12	-100	2	3.1	2.1	59
131770	14.57	2.5	12	700	2.4	-1	110	6	82	11	1.4	-2	10	-5	3.47	57.3	0.42	-1	-3	36	-100	120	8	12.5	-3	-5	0.76	-500	1.3	0.9	18	-100	2	3.7	2.5	93
131771	17.48	2	11	620	0.8	-1	63	3	70	5	1	-2	10	-5	2.62	33	0.37	-1	-2	21	-100	55	5	9.2	-3	-5	0.92	-500	1.1	0.6	8.9	-100	1	2.8	2.2	-50
131772	14.69	1.5	12	850	1.6	-1	57	3	78	11	0.8	-2	7	-5	3.38	30	0.33	-1	-3	20	-100	66	4.5	10.4	-3	-5	1	-500	1.2	0.6	10	-100	2	3.5	2	62

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131773	14.9	1.3	15	870	1.2	-1	83	5	80	13	1.2	-2	7	-5	3.57	44	0.36	-1	-3	28	-100	110	6.1	12.1	-3	-5	0.87	-500	1	0.7	12	-100	-1	3	2.2	86
131774	14.14	1.7	13	900	0.6	-1	190	14	110	16	2.3	-2	6	-5	4.67	104	0.44	-1	-4	61	-100	270	13.4	17.4	-3	-5	0.31	-500	1.7	1.1	28.9	-100	3	3.6	2.6	100
131775	14.39	1.3	11	890	1.2	-1	62	4	79	9	0.9	-2	7	-5	4.29	31	0.31	-1	-3	22	-100	81	4.6	10.5	-3	-5	0.95	-500	0.9	0.6	10	-100	2	3.4	1.9	68
131776	15.02	1.4	11	1000	0.7	-1	95	9	89	19	1.4	-2	7	-5	4.43	46	0.42	-1	-3	31	-100	140	7	15.5	-3	-5	0.79	-500	1.6	0.8	15	-100	3	3.7	2.5	96
131777	16.73	1.3	11	790	0.6	-1	66	4	82	12	1	-2	8	-5	3.32	33	0.35	-1	-3	26	-100	71	5.3	11.9	-3	-5	1.12	-500	1.3	0.8	10	-100	2	3.1	2.1	80
131778	15.42	1.2	11	940	0.6	-1	55	4	100	10	1	-2	7	-5	3.11	28	0.3	-1	-2	20	-100	65	4.4	10.4	-3	-5	1.02	-500	1.3	0.6	7.9	-100	2	2.8	1.8	-50
131779	15.08	1	13	870	1.5	-1	55	3	100	11	0.9	11	7	-5	3.29	27	0.31	-1	-2	20	-100	51	4.4	10	-3	-5	1	-500	0.9	-0.5	7.5	-100	3	2.9	1.8	55
131780	13.89	1.3	17	870	1.7	-1	71	4	100	14	1.1	-2	7	-5	3.66	33	0.34	-1	-2	21	-100	77	5.2	12.8	-3	-5	1.08	-500	1.1	0.6	10	-100	-1	2.6	2	86
131781	14.35	1.1	11	860	2.1	-1	36	2	370	38	1	-2	5	-5	5.7	18	0.22	-1	-3	15	190	33	3.8	14.8	-3	-5	1.07	-500	0.6	0.7	4.8	-100	-1	1.4	1.4	79
131782	15.24	1.1	11	890	1.9	-1	61	3	77	9	0.9	-2	8	-5	3.38	32	0.34	-1	-2	21	-100	68	4.8	11	-3	-5	0.92	-500	1.1	0.7	10	-100	1	3.5	2.1	80
131783	14.83	1.1	10	930	2.8	-1	67	3	88	9	1	-2	7	-5	3.46	34	0.34	-1	-2	25	-100	73	5	11.2	-3	-5	0.85	-500	1.5	0.6	10	-100	2	3.2	2	64
131784	15.95	1.2	12	860	1	-1	56	3	72	7	1	-2	8	-5	2.75	29	0.32	-1	-2	20	-100	52	4.5	10	-3	-5	0.9	-500	1.2	0.5	8.5	-100	2	3.2	2	60
131785	15.85	1.3	13	870	2.7	-1	72	3	91	14	1.4	-2	8	-5	3.5	36	0.42	-1	-3	25	-100	63	6.5	13	-3	-5	1.13	-500	1.1	0.9	10	-100	-1	3.4	2.6	86
131786	13.91	1.2	13	880	3.2	-1	61	11	99	13	1.2	-2	7	-5	3.89	31	0.32	-1	-3	21	-100	67	4.9	11.5	-3	-5	1	-500	1.1	0.7	9.3	-100	3	3	2	76
131787	15.06	0.9	12	840	3.4	-1	73	2	47	8	1.2	-2	9	-5	2.47	41	0.39	-1	-2	27	-100	49	6.4	9.1	-3	-5	0.83	-500	1.3	0.8	11	-100	2	3	2.3	-50
131788	16.68	1.4	11	930	1.7	-1	74	2	64	8	1	3	10	-5	2.29	38	0.37	-1	-2	25	-100	62	5.8	9	-3	-5	1	-500	1.1	0.6	10	-100	2	3.8	2.3	62
131789	12.85	2.7	14	850	2.8	-1	74	3	71	9	1.1	13	10	-5	2.7	38	0.39	-1	-2	25	-100	64	6	9.2	-3	-5	1	-500	1.7	0.6	10	-100	2	4	2.2	66
131790	12.79	2.8	12	860	2.2	-1	76	3	55	9	1.1	-2	11	-5	2.5	38	0.39	-1	-2	24	-100	68	5.9	8.3	-3	-5	0.85	-500	1	0.9	11	-100	2	5.3	2.3	58
131791	13.65	598	-2.2	880	-2.6	-2	76	3	55	8	1.1	-2	11	-5	1.89	38	0.41	-1	-2	25	-100	64	5.9	8.3	-3	-5	0.84	-500	1.2	0.7	11	-100	2	5.2	2.4	57
131792	12.27	48.4	16	880	2	4	70	2	65	11	1.2	-2	9	-5	2.75	35	0.39	-1	-2	25	-100	57	5.8	10	-3	-5	0.89	-500	1.2	0.6	10	-100	-1	4.1	2.3	61
131793	11.2	5.8	14	840	5.1	-1	68	2	64	11	1.2	-2	9	-5	2.76	35	0.38	-1	-2	23	-100	54	5.7	10	-3	-5	0.9	-500	1.2	0.7	10	-100	1	3.7	2.2	64
131794	13.95	2	8.6	930	1.3	-1	81	3	55	9	1.2	-2	9	-5	2.77	42	0.38	-1	-2	30	-100	80	6.2	9	-3	-5	0.69	-500	1.2	0.6	13	-100	3	2.8	2.2	69
131795	16.76	2.6	13	920	2.1	1	71	2	59	9	1.3	-2	10	-5	2.62	35	0.41	-1	-2	26	-100	61	5.7	9.2	-3	-5	0.88	-500	1.1	0.7	10	-100	1	3.1	2.3	59
131796	15.85	2.7	13	940	1.8	-1	58	2	57	11	0.9	-2	10	-5	2.71	29	0.34	-1	-2	18	-100	51	4.4	7.6	-3	-5	0.77	-500	1.1	0.6	8.7	-100	2	2.5	1.9	54
131797	12.2	1.8	14	970	4.8	-1	79	2	58	9	1.1	-2	9	-5	2.69	38	0.34	-1	-2	27	-100	68	5.4	8.9	-3	-5	0.82	-500	0.9	0.7	12	-100	2	3	2	62
131798	14.69	1.3	11	750	2.4	-1	64	2	45	7	1	-2	8	-5	2.17	32	0.29	-1	-2	22	-100	47	4.8	7.3	-3	-5	0.76	-500	1.3	0.6	9.1	-100	3	2.9	1.8	54
131799	10.2	1.2	8.4	930	0.9	-1	64	3	59	8	0.9	-2	10	-5	2.56	32	0.34	-1	-2	23	-100	54	4.8	8.2	-3	-5	0.84	-500	1	0.6	8.8	-100	2	3.2	2	57
131800	15.46	1.3	14	780	2.5	-1	66	3	58	21	0.9	-2	9	-5	2.75	32	0.32	-1	-3	21	-100	62	4.8	8.3	-3	-5	0.82	-500	0.7	0.7	8.4	-100	-1	4.3	1.9	65
131801	14.14	1.2	11	850	1.7	-1	76	2	65	8	1.2	8	10	-5	2.63	38	0.42	-1	-2	23	-100	61	6.2	10	-3	-5	1.02	-500	1.2	0.8	10	-100	4	3.8	2.4	66
131802	10.42	1	10	880	2.1	-1	71	2	68	6	1.1	8	12	-5	2.61	36	0.41	-1	-2	24	-100	58	5.4	8.8	-3	-5	0.92	-500	1.1	0.7	9.5	-100	2	3.4	2.4	-50
131803	8.71	2.5	15	1000	4.9	-1	73	2	68	9	1.3	8	10	-5	2.83	38	0.43	-1	-2	25	-100	56	6.2	10	-3	-5	1	-500	1.3	0.8	10	-100	2	4	2.5	62
131804	12.02	1.2	7.1	970	1.2	-1	77	3	74	10	1.3	3	8	-5	3.24	38	0.41	-1	-3	30	-100	62	6.6	12.2	-3	-5	1.04	-500	1.1	0.8	10	-100	2	5.7	2.5	69
131805	9.56	1.5	10	930	2.2	-1	66	3	68	8	0.9	3	9	-5	2.95	33	0.36	-1	-2	20	-100	72	4.9	10	-3	-5	0.89	-500	1.2	0.7	10	-100	2	3.3	2.1	62
131806	12.33	1.1	13	740	4.3	-1	61	3	66	7	0.9	-2	9	-5	2.77	31	0.35	-1	-2	23	-100	73	4.8	9	-3	-5	0.86	-500	1.2	-0.5	8.7	-100	1	2.9	2	-50
131807	14.03	1.2	11	880	3.4	-1	62	2	60	6	1	-2	10	-5	2.45	31	0.36	-1	-2	20	-100	65	4.7	8.3	-3	-5	0.83	-500	1.2	0.5	8.7	-100	1	2.7	2.1	55
131808	11.69	1.4	11	920	3.3	-1	69	3	68	7	1.1	-2	9	-5	2.82	35	0.38	-1	-2	25	-100	69	5.3	10	-3	-5	0.89	-500	1.1	0.6	10	-100	2	3.2	2.2	59
131809	11.62	1.2	10	700	3.8	-1	71	3	75	13	1.2	5	10	-5	3.11	36	0.4	-1	-2	25	-100	66	5.9	10.9	-3	-5	1	-500	1.1	0.8	10	-100	1	3.8	2.4	62
131810	13	1	13	730	5	-1	87	3	83	10	1.3	-2	9	-5	3.26	42	0.41	-1	-3	25	-100	100	6.5	12.4	-3	-5	0.81	-500	1.3	0.6	13	-100	2	3.1	2.4	58
131811	10.83	1.3	10	850	2.9	-1	65	4	78	9	0.9	9	9	-5	3.15	32	0.35	-1	-2	22	-100	88	4.7	10.9	-3	-5	0.89	-500	1.1	-0.5	12	-100	1	2.9	2	69
131812	13.21	2	13	950	1.1	-1	82	3	74	10	1.3	-2	10	-5	2.92	42	0.43	-1	-3	29	-100	74	6.6	10.6	-3	-5	1	-500	1.2	0.8	11	-100	3	3.5	2.5	75
131813	12.1	1.6	10	1000	2.2	-1	84	2	62	8	1.2	-2	9	-5	2.58	42	0.41	-1	-2	27	-100	78	6.2	10	-3	-5	0.89	-500	1	0.7	12	-100	3	3.3	2.4	52
131814	13.27	1.2	12	920	2.5	-1	72	3	69	10	1.2	-2	9	-5	2.84	35	0.38	-1	-2	26	-100	63	5.6	10.4	-3	-5	1	-500	1.1	0.7	10	-100	2	3.4	2.4	70
131815	12.84	1	9.3	830	2.2	-1	64	3	72	8	1	-2	8	-5	2.96	32	0.36	-1	-2	24	-100	63	5	10.7	-3	-5	1	-500	1	0.6	9.1	-100	3	3.1	2.1	61
131816	13.21	0.8	8.7	810	1.5	-1	62	3	80	9	1	-2	9	-5	3.73	31	0.38	-1	-3	24	-100	64	4.8	10.4	-3	-5	0.94	-500	1.3	0.6	8.7	-100	1	3.2	2.2	66
131817	12.08	1.8	12	980	1.7	-1	65	3	72	7	0.9	4	10	-5	2.98	33	0.38	-1	-2	25	-100	59	4.9	10	-3	-5	0.88	-500	1.1	0.5	10	-100	-1	3.5	2.2	61
131818	13.37	1	13	810	2.3	-1	76	2	70	8	1.1	-2	10	-5	2.63	37	0.4	-1	-3	27	-100	69	5.8	10	-3	-5	1	-500	1	0.7	10	-100	2	3.2	2.3	63

Company : Mayo Lake Minerals Inc.
Submitted by : Tyrell Sutherland
Date Received : 29-Aug-12
Date Reported : 26-Oct-12& 9-Oct-12

T12-01776.0
& T12-01777.0
&T12-01774.0

Becquerel
A Maxxam Company
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ISO 17025
For Scope of Accreditation No. 422
Pour la portée d'accréditation no. 422

Acme file # :WHI12000582 & WHI12000583& WHI12000580
Samples were run as received.
Analysis performed by Neutron Activation (Method BQ-NAA-1)
A negative result denotes "Less Than".

Note : Mo results are interfered with by Mo production from U fission. Samples above 500ppmSb have elevated detection limits due to high Sb.

Soil ID	Wt grams	Sb ppm	As ppm	Ba ppm	Br ppm	Ca %	Ce ppm	Cs ppm	Cr ppm	Co ppm	Eu ppm	Au ppb	Hf ppm	Ir ppb	Fe %	La ppm	Lu ppm	Hg ppm	Mo ppm	Nd ppm	Ni ppm	Rb ppm	Sm ppm	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	Ta ppm	Tb ppm	Th ppm	Sn ppm	W ppm	U ppm	Yb ppm	Zn ppm
131819	13.66	0.9	11	640	2.1	-1	67	3	67	7	1.1	-2	9	-5	2.58	34	0.39	-1	-3	23	-100	60	5.3	9.5	-3	-5	1	-500	1.2	0.6	9.1	-100	2	3.9	2.2	64
131820	13.05	1.1	14	740	3.3	-1	75	3	69	9	1.2	-2	9	-5	2.79	38	0.4	-1	-3	26	-100	77	5.9	10.5	-3	-5	0.9	-500	1.2	0.6	10	-100	2	3.4	2.4	68
131821	12.42	3.2	14	820	3	-1	74	3	74	12	1.1	-2	9	-5	3.09	35	0.38	-1	-3	28	-100	65	5.9	10.8	-3	-5	1.02	-500	1.3	0.8	10	-100	2	3.9	2.3	96
131822	8.57	3.6	27	1300	5.9	1	58	3	76	7	0.8	-2	8	-5	3.18	29	0.33	-1	-3	22	-100	63	4.5	10	-3	-5	1	-500	0.8	-0.5	8.5	-100	-1	3.4	2	74
131823	12.73	1.3	8.2	880	1.2	-1	63	2	70	7	0.9	-2	9	-5	2.68	31	0.35	-1	-3	23	-100	62	4.9	9.5	-3	-5	0.93	-500	1.5	0.6	8.8	-100	2	3	2.1	61
131824	11.75	1.5	14	860	3	-1	76	3	72	10	1.2	-2	9	-5	2.74	38	0.4	-1	-3	29	-100	63	6.1	10.3	-3	-5	1.03	-500	1.4	0.6	10	-100	2	3.2	2.4	70
131825	13.22	1.6	14	1100	1.5	-1	76	3	82	14	1.3	-2	8	-5	3.44	35	0.38	-1	-3	26	-100	62	5.9	11.7	-3	-5	1	-500	1	0.8	10	-100	3	3.4	2.3	70
131826	12.83	1.3	9	800	2.3	-1	70	4	83	12	1.2	-2	8	-5	3.38	33	0.37	-1	-3	26	-100	62	5.6	11.6	-3	-5	1.02	-500	0.9	0.7	9.5	-100	2	3.4	2.3	71
131827	9.28	3.4	14	750	2.4	-1	52	44	72	22	2	15	6	-17	5.93	28	0.35	-1	-9	14	-100	53	6.5	17.6	-3	-5	1.54	-500	-2.6	0.8	7	-420	-4	3.1	2	110
131828	16.24	1.3	10	890	1.8	-1	54	4	75	15	1.4	-2	6	-5	4.74	27	0.38	-1	-3	20	-100	68	5.5	17	-3	-5	0.89	-500	0.9	1.1	7.1	-100	2	1.9	2.5	96
132344	10.27	1.1	30	860	2.1	2	63	3	85	9	1.1	-2	8	-5	3.41	31	0.36	-1	-3	22	-100	57	5	11.7	-3	-5	1	-500	0.9	0.7	8.8	-100	2	3.3	2.1	77
132345	8.55	1.3	15	1300	-0.5	1	79	3	77	10	1.2	11	9	-5	3.08	39	0.39	-1	-3	25	-100	83	5.9	11.8	-3	-5	1.04	-500	0.9	0.6	11	-100	2	3.5	2.3	79
132346	9.4	2.1	30	1200	1.8	-1	76	3	74	12	1.3	-2	8	-5	3.06	37	0.37	-1	-3	26	-100	69	5.6	10.8	-3	-5	1.13	-500	1.2	0.6	10	-100	1	3.3	2.2	75
132347	8.66	4.1	42	1100	0.8	-1	75	2	76	12	1.2	7	9	-5	3.04	37	0.37	-1	-3	25	-100	76	5.7	10.8	-3	-5	1.13	-500	1	0.7	10	-100	1	3.1	2.2	89
132348	8.37	1.5	22	980	2.8	-1	67	3	82	11	1.2	-2	8	-5	3.48	32	0.37	-1	-3	20	-100	72	5.5	12.2	-3	-5	1.03	-500	1.1	0.9	10	-100	2	3.3	2.3	99
132349	9.73	1.6	17	1100	1.3	1	62	3	69	7	0.9	-2	9	-5	2.84	31	0.33	-1	-2	21	-100	58	4.8	10	-3	-5	0.95	-500	1	-0.5	9.1	-100	2	2.9	1.9	65
132350	12.66	1	13	790	2.2	-1	89	3	79	9	1.3	-2	9	-5	2.95	44	0.41	-1	-3	32	-100	83	7	11.9	-3	-5	1.11	-500	1.1	0.8	11	-100	1	3	2.6	69
132351	11.02	1.5	16	880	1.2	1	64	2	72	9	1.1	-2	8	-5	3.07	31	0.33	-1	-2	23	-100	63	4.9	10.1	-3	-5	1	-500	1.1	0.5	9.2	-100	2	3.2	2.1	76
132352	11.41	2.4	19	1000	1.7	1	70	3	76	12	1.1	-2	9	-5	3	34	0.36	-1	-5	24	-100	72	5.3	10.8	-3	-5	1.09	-500	1.1	0.6	10	-100	2	3.5	2.3	71
132353	14.08	2	14	1300	1.2	1	69	4	70	7	1	-2	8	-5	3.15	34	0.34	-1	-3	26	-100	81	5.1	10.3	-3	-5	1.01	-500	0.9	0.6	11	-100	2	2.9	2	64
132354	11.55	1.8	13	1100	1.3	-1	120	11	93	17	1.7	-2	7	-5	4.15	59	0.47	-1	-4	38	-100	170	8.5	15.7	-3	-5	0.88	-500	1.1	0.7	21.9	-100	2	5.4	2.6	120
132355	10.77	2.5	21	1100	1.6	-1	84	4	83	11	1.2	-2	9	-5	2.8	41	0.39	-1	-3	27	-100	94	6.3	12.4	-3	-5	1.09	-500	1.1	0.7	12	-100	3	3.4	2.3	80
132356	9.25	3.6	15	1000	1.4	2	110	8	91	15	1.5	-2	11	-5	4.03	53.2	0.45	-1	-4	42	-100	150	8.1	14.9	-3	-5	1.09	-500	0.7	0.9	18	-100	2	4.4	2.5	81
132357	10.56	2.5	28	1100	2	1	66	3	76	11	1	-2	8	-5	3.31	33	0.36	-1	-3	25	-100	69	5.2	10.6	-3	-5	1.04	-500	0.9	0.7	11	-100	2	2.8	2.1	61
132358	12.93	1.9	19	970	0.8	-1	77	3	75	10	1.1	-2	9	-5	3.3	37	0.36	-1	-3	23	-100	76	5.7	11.6	-3	-5	1.03	-500	1	0.6	12	-100	3	3.6	2.2	70
132359	12.23	3.5	18	1200	0.9	-1	86	6	81	12	1.2	-2	9	-5	3.34	42	0.4	-1	-3	30	-100	95	6.5	12.3	-3	-5	1	-500	1.2	0.9	12	-100	3	3.1	2.3	84
132360	12.39	2.1	29	1100	-0.5	1	63	4	73	6	0.9	-2	8	-5	3.17	32	0.32	-1	-3	22	-100	68	4.8	10	-3	-5	0.81	-500	1.2	-0.5	9.4	-100	1	2.4	1.9	52
132361	11.94	2.2	14	1200	1.3	1	68	4	70	7	0.9	-2	8	-5	3.45	33	0.34	-1	-3	25	-100	72	5.1	10.2	-3	-5	0.87	-500	0.8	0.6	10	-100	3	2.2	1.9	58
132362	13.6	2.8	43	980	0.8	1	81	4	73	10	1.1	-2	9	-5	3.05	39	0.35	-1	-3	26	-100	85	5.9	11.1	-3	-5	0.94	-500	1	0.7	12	-100	2	3.2	2.1	69
132363	11.46	3	14	1100	0.7	1	71	4	77	19	1.1	-2	9	-5	3.57	34	0.34	-1	-3	24	-100	79	5.1	10.9	-3	-5	1.05	-500	1.1	-0.5	11	-100	3	3.2	2.1	81
132364	12.44	1.7	19	990	1.6	-1	87	4	80	12	1.4	-2	9	-5	3.28	43	0.39	-1	-3	28	-100	99	6.5	12.2	-3	-5	1.11	-500	1	0.7	12	-100	1	3	2.3	80
132365	11.1	2.3	13	910	2	-1	72	3	78	9	1.1	-2	9	-5	3.05	35	0.38	-1	-3	23	-100	71	5.6	10.9	-3	-5	1.01	-500	1.3	0.8	10	-100	2	3.1	2.3	60
132366	11.62	2.5	15	910	3.1	-1	72	3	72	7	1	-2	9	-5	2.7	36	0.37	-1	-3	24	-100	76	5.6	10.6	-3	-5	1	-500	1.6	0.7	10	-100	2	3	2.2	57
132367	11.8	4.4	15	770	2.6	-1	66	3	70	6	1	-2	8	-5	2.48	32	0.35	-1	-2	25	-100	73	4.9	10	-3	-5	0.91	-500	1	0.6	8.5	-100	2	2.7	2.1	-50
132368	10.95	1.6	15	970	3.6	1	110	4	74	10	1.5	-2	12	-5	3.06	54.7	0.45	-1	-3	41	-100	100	8.1	12.2	-3	-5	1.1	-500	1.8	1	15	-100	2	3.9	2.7	70
132369	10.75	6.9	23	740	1.9	2	73	4	77	6	1	7	10	-5	2.65	36	0.39	-1	-3	25	-100	84	5.4	10.4	-3	-5	0.9	-500	1.4	0.6	10	-100	3	3	2.2	-50
132370	11.07	1.4	16	820	3.7	-1	56	2	61	4	0.8	-2	9	-5	2.34	27	0.32	-1	-2	20	-100	53	4.3	8.2	-3	-5	0.8	-500	0.8	-0.5	7.4	-100	2	2.5	1.9	-50
132371	12.73	2	51.8	960	2.3	-1	63	2	71	10	1.1	-2	8	-5	3.09	31	0.37	-1	-3	22	-100	57	5.2	10.1	-3	-5	1	-500	1.1	0.7	9.2	-100	2	3	2.1	72
132372	10.62	1.3	14	830	2.9	-1	70	3	78	10	1.1	-2	9	-5	3.13	34	0.37	-1	-3	22	-100	66	5.4	10.4	-3	-5	1.06	-500	0.9	0.6	11	-100	3	3.4	2.2	73
132373	13.49	1.7	48	770	2.4	1	78	5	75	16	1.2	-2	7	-5	3.69	39	0.41	-1	-6	32	-100	99	6.4	11.9	-3	-5	0.84	-500	0.8	0.7	13	-100	3	8.8	2.3	110
132374	9.3	1.6	13	860	4	-1	68	2	62	6	1.1	-2	9	-5	2.26	34	0.4	-1	-3	27	-100	56	5.4	8.7	-3	-5	0.93	-500	1.1	0.7	8.8	-100	2	3	2.3	55
132375	11.08	1.6	15	810	6.3	-1	74	3	68	12	1.2	-2	8	-5	3.07	34	0.36	-1	-3	24	-100	63	5.6	10.3	-3	-5	1	-500	1.2	0.7	10	-100	2	3	2.1	72
132376	12.01	1.5	16	1000	3.5	-1	79	3	74	13	1.3	-2	9	-5	3.24	38	0.44	-1	-3	29	-100	66	6.6	11.3	-3	-5	0.92	-500	0.8	0.9	10	-100	2	3.7	2.7	73
132377	12.71	1.5	15	860	3.6	1	64	3	69	8	1	-2	9	-5	2.71	31	0.36	-1	-3	23	-100	58	5	10	-3	-5	1.02	-500	1.5	0.7	9	-100	2	2.9	2.1	66
132378	12.05	1.7	12	770	3.7	1	79	4	75	10	1.1	-2	8	-5	3.18	38	0.37	-1	-3	27	-100	87	5.8	11.5	-3	-5	0.83	-500	1.3	0.8	11	-100	3	3.3	2.3	70
132379	11.9	822	102	1000	-0.5	2	66	2	71	10	1	-2	9	-5	2.74	32	0.35	-1	-3	25	-100	61	5	9.2	-3	-5	1.04	-500	1.1	0.7	8.9	-100	2	3	2.1	78

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Submitted by : Tyrell Sutherland
Date Received : 29-Aug-12
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ISO 17025
For Scope of Accreditation No. 422
Pour la portée d'accréditation no. 422

Acme file # :WHI12000582 & WHI12000583& WHI12000580
Samples were run as received.
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A negative result denotes "Less Than".

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Soil ID	Wt grams	Sb ppm	As ppm	Ba ppm	Br ppm	Ca %	Ce ppm	Cs ppm	Cr ppm	Co ppm	Eu ppm	Au ppb	Hf ppm	Ir ppb	Fe %	La ppm	Lu ppm	Hg ppm	Mo ppm	Nd ppm	Ni ppm	Rb ppm	Sm ppm	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	Ta ppm	Tb ppm	Th ppm	Sn ppm	W ppm	U ppm	Yb ppm	Zn ppm
132419	17.23	1.3	16	600	1	-1	64	2	53	8	0.9	-2	11	-5	2.39	30	0.33	-1	-2	20	-100	44	4.8	7.1	-3	-5	0.77	-500	0.9	0.6	9.4	-100	1	2.8	2	51
132420	17.5	1.6	18	690	0.8	-1	68	2	57	8	1	34	11	-5	2.62	33	0.36	-1	-5	23	-100	43	5.1	7.5	-3	-5	0.79	-500	1.3	-0.5	11	-100	2	3.1	2.1	55
132421	16.47	1	11	740	-0.5	-1	65	2	60	7	1	6	10	-5	2.26	33	0.35	-1	-3	24	-100	52	5	7.8	-3	-5	1	-500	0.9	0.6	9.3	-100	2	2.9	2.1	58
132422	12.67	0.6	4.9	1300	-0.5	-1	56	13	46	5	1	6	8	-5	1.82	28	0.26	-1	-5	20	-100	82	4.3	6.6	-3	-5	0.93	-500	1.2	-0.5	8	-100	2	2.7	1.6	59
132423	14.67	1	12	1000	0.8	-1	58	7	58	8	0.9	11	9	-5	2.59	28	0.32	-1	-5	21	-100	58	4.4	7.5	-3	-5	0.88	-500	0.8	-0.5	8.1	-100	1	2.8	1.9	84
132424	13.75	1.3	12	1200	0.6	-1	70	7	64	8	1.3	-2	9	-5	2.7	34	0.36	-1	-3	24	-100	63	5.7	10	-3	-5	1	-500	1.2	0.6	10	-100	2	2.5	2.2	70
132425	12.02	1.1	17	1000	0.6	-1	59	9	60	8	0.9	-2	9	-5	2.71	29	0.33	-1	-3	20	-100	68	4.3	8	-3	-5	0.9	-500	1.1	-0.5	8.2	-100	2	2.7	1.8	68
132426	12.93	1.2	10	1200	1.2	-1	54	19	58	7	0.9	-2	7	-5	2.87	26	0.27	-1	-3	20	-100	77	3.8	7.7	-3	-5	0.92	-500	0.7	-0.5	7.5	-100	2	2.8	1.6	78
132427	14.51	0.8	8.4	970	-0.5	-1	57	10	48	5	0.8	-2	9	-5	2.33	28	0.29	-1	-4	19	-100	59	4.1	6.4	-3	-5	0.88	-500	1.2	-0.5	7.3	-100	3	2.3	1.8	62
132428	12.67	0.7	8.1	880	1.1	-1	57	7	61	5	0.8	-2	8	-5	2.19	28	0.32	-1	-3	20	-100	58	4.2	8.2	-3	-5	1	-500	1.1	0.5	7.3	-100	-1	2.5	2	-50
132429	12.28	1.1	7.6	1200	1.4	-1	65	14	61	8	1.2	-2	7	-5	2.97	34	0.29	-1	-3	25	-100	82	4.8	9.2	-3	-5	1.03	-500	1.3	0.7	10	-100	2	3	1.7	72
132430	13.52	0.7	4.8	1000	-0.5	-1	56	16	54	5	0.9	6	8	-5	2.39	28	0.3	-1	-3	20	-100	82	4.1	7.5	-3	-5	1	-500	0.7	-0.5	7.4	-100	2	2.2	1.8	87
132431	13.43	1.7	12	1400	-0.5	-1	79	7	72	9	1.7	-2	8	-5	3.08	39	0.42	-1	-3	30	-100	79	7	12.2	-3	-5	1.11	-500	0.9	0.8	11	-100	2	3.7	2.5	91
132432	14.55	1.3	13	820	0.7	-1	60	3	67	11	0.9	5	9	-5	3.09	30	0.33	-1	-3	22	-100	50	4.4	8.9	-3	-5	0.93	-500	1.1	0.6	10	-100	2	2.3	2	73
132433	17.57	0.8	8	1100	1.2	1	90	11	72	6	1.7	7	17	-5	2.54	45	0.44	-1	-5	29	-100	56	7.1	8.5	-3	-5	1.01	-500	1.4	0.7	12	-100	4	4.3	2.5	70
132434	14.93	1.1	12	1000	-0.5	-1	54	3	51	7	0.8	-2	9	-5	2.57	27	0.28	-1	-2	18	-100	64	4	6.9	-3	-5	1.01	-500	1.1	-0.5	7.7	-100	-1	3	1.7	-50
132435	13.54	1	11	1000	2	-1	58	5	59	5	0.9	-2	8	-5	2.71	29	0.31	-1	-3	21	-100	73	4.4	8	-3	-5	1.12	-500	1.5	-0.5	8	-100	3	2.8	1.8	52
132436	12.56	2.1	15	880	0.7	-1	78	3	64	12	1.1	-2	8	-5	2.68	39	0.38	-1	-6	27	-100	80	6.1	10.3	-3	-5	0.93	-500	0.9	0.8	12	-100	2	7.1	2.2	69
132437	11.43	2.3	14	1100	1.6	-1	77	4	71	11	1.2	-2	8	-5	3	38	0.37	-1	-8	27	-100	85	5.9	11.1	-3	-5	0.94	-500	1	0.7	11	-100	2	14	2.3	68
132438	13.03	1.5	12	1000	-0.5	-1	89	4	80	9	1.4	-2	9	-5	2.93	43	0.4	-1	-6	31	-100	89	6.7	12	-3	-5	1	-500	1	0.8	12	-100	2	5.3	2.5	55
132439	12.39	1.8	14	990	1.1	-1	74	12	64	9	2	-2	10	-5	2.72	41	0.4	-1	-12	28	-100	67	7	10	-3	-5	0.9	-500	1.2	0.9	11	-100	-1	17	2.5	-50
132440	13.16	1.3	9.4	890	0.9	-1	74	8	59	7	1.7	-2	10	-5	2.45	39	0.4	-1	-10	27	-100	66	6.5	9	-3	-5	1	-500	1.2	0.8	10	-100	2	13	2.4	-50
132441	14.4	1.5	12	960	0.9	-1	80	3	67	10	1.3	-2	9	-5	2.52	38	0.38	-1	-6	28	-100	67	6.1	10	-3	-5	1	-500	1.2	0.5	11	-100	3	4.8	2.3	57
132442	14.3	1.5	11	1200	0.7	-1	79	3	70	9	1.3	-2	10	-5	2.8	38	0.39	-1	-3	31	-100	76	6.4	10.1	-3	-5	1.1	-500	1	0.7	11	-100	3	3	2.4	68
132443	14.24	1.4	11	1200	0.6	-1	75	5	61	8	1.3	-2	9	-5	2.63	36	0.34	-1	-3	25	-100	92	5.5	9.3	-3	-5	1.04	-500	1.3	0.7	11	-100	3	3.8	2.1	70
132444	13.96	1.4	11	1200	1.1	-1	86	3	80	9	1.3	-2	9	-5	3.02	42	0.44	-1	-7	29	-100	79	6.7	11.7	-3	-5	1.04	-500	1.3	0.7	12	-100	5	4.9	2.7	65
132445	11.83	2.7	17	880	-0.5	-1	100	5	89	17	1.2	-2	8	-5	4.54	50	0.39	-1	-8	38	-100	130	7.2	14.5	-3	-5	0.79	-500	1	0.9	16	-100	4	6.7	2.3	94
132446	13.22	0.8	10	1200	0.9	-1	52	4	57	6	0.9	-2	7	-5	2.85	26	0.26	-1	-6	21	-100	87	3.9	7.6	-3	-5	1.13	-500	0.9	-0.5	7.8	-100	3	3.3	1.6	85
132447	11.39	1.1	10	1300	-0.5	-1	74	4	58	9	1.3	-2	9	-5	2.36	36	0.38	-1	-3	25	-100	75	6.2	8.7	-3	-5	1.02	-500	1.4	0.6	10	-100	4	3.6	2.3	82
132448	8.92	2	46	1300	-0.5	-1	170	15	120	21	2.1	-2	8	-5	5.04	84.1	0.54	-1	-8	55	-100	260	11.6	20.4	-3	-5	0.57	-500	1.4	1.3	24.4	-100	4	6.6	3.3	190
132449	15.75	1.4	14	890	1.2	-1	77	2	67	12	1.2	-2	11	-5	2.87	36	0.41	-1	-5	25	-100	60	6.2	10	-3	-5	1	-500	1.2	0.8	10	-100	2	3.6	2.4	76
132450	14.54	1.4	15	940	1.2	-1	66	3	71	12	1.1	-2	8	-5	3.1	33	0.35	-1	-3	25	-100	59	5.1	10.1	-3	-5	1.08	-500	0.9	-0.5	9.4	-100	2	3.1	2.1	76
132451	14.08	1.1	11	950	1.1	-1	75	2	66	10	1.2	7	10	-5	2.69	36	0.41	-1	-3	24	-100	53	6	10	-3	-5	1	-500	0.8	0.7	9.5	-100	2	3.6	2.6	66
132452	12.18	1.4	14	890	-0.5	-1	92	2	71	11	1.1	-2	10	-5	2.86	44	0.44	-1	-3	37	-100	79	7.2	11	-3	-5	0.94	-500	1.4	0.7	12	-100	2	2.9	2.6	65
132453	15.05	1.2	15	680	2.8	-1	64	3	68	7	0.9	-2	9	-5	3.41	31	0.35	-1	-2	23	-100	51	4.7	9.1	-3	-5	0.9	-500	1	-0.5	8.8	-100	1	2.7	2.1	67
132454	10.85	1.7	19	1100	1.4	-1	130	6	110	15	1.9	-2	9	-5	4.62	67.8	0.52	-1	-7	43	-100	140	10	18.4	-3	-5	1.17	-500	1.1	0.9	20	-100	4	5	3.1	120
132455	12.3	1.2	8.2	890	5.1	-1	74	4	72	6	1.2	-2	8	-5	2.52	36	0.35	-1	-3	25	-100	69	5.5	10.2	-3	-5	0.88	-500	1.4	0.7	10	-100	2	2.9	2.1	76
132456	14.06	1.8	13	1100	1	-1	88	3	82	12	1.3	-2	9	-5	3.28	42	0.42	-1	-3	32	-100	86	6.7	12.7	-3	-5	1.05	-500	1.2	0.6	12	-100	2	3	2.6	100
132457	11.92	1.4	13	980	3.3	-1	75	3	76	12	1.1	-2	8	-5	3.43	36	0.38	-1	-3	26	-100	64	6.1	11.7	-3	-5	1.13	-500	0.8	-0.5	10	-100	2	4.1	2.4	78
132458	15	1	12	810	1.1	-1	76	2	67	9	1.2	15	11	-5	2.67	37	0.43	-1	-3	25	-100	57	6.1	10	-3	-5	1.08	-500	1.1	0.7	10	-100	2	2.9	2.6	70
132459	9.41	0.6	13	1200	1.8	-1	170	7	130	22	2.1	-2	8	-5	4.53	82.3	0.52	-1	-4	53	-100	200	11	21	-3	-5	0.79	-500	1	1.1	20.1	-100	2	4.8	3.2	110
132460	11.47	1.3	12	1000	1	-1	100	4	84	11	1.3	-2	9	-5	3.28	50.2	0.47	-1	-6	38	-100	93	7.6	12.9	-3	-5	1	-500	0.8	0.9	14	-100	-1	3.3	2.7	81
132461	8.64	1.3	14	1200	-0.5	-1	220	6	130	23	2.6	-2	6	-5	4.98	112	0.58	-1	-5	73	-100	200	15.6	23	-3	-5	0.84	-500	2.4	1.6	25.9	-100	3	4.9	3.7	130
132462	13.98	2.2	16	1200	0.7	-1	80	3	80	11	1.3	-2	8	-5	3.29	40	0.41	-1	-3	28	-100	79	6.4	12	-3	-5	1.04	-500	1.2	0.8	11	-100	2	3.6	2.4	91
132463	13.71	1.5	12	1100	-0.5	-1	82	3	76	11	1.3	-2	9	-5	2.98	40	0.4	-1	-3	27	-100	71	6.4	11.3	-3	-5	1.03	-500	1.6	0.7	11	-100	2	3.6	2.5	75
132464	9.56	0.9	9.3	1100	1.8	-1	91	4	84	13	1.3	-2	7	-5	3.48	43	0.39	-1	-3	33	-100	80	6.8	13	-3	-5	1	-500	0.9	0.7	12	-100	2	3.6	2.3	100

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132465	11.29	1.3	9.5	1200	-0.5	-1	95	4	88	16	1.3	-2	9	-5	3.35	45	0.45	-1	-3	33	-100	92	7.1	13.1	-3	-5	1.03	-500	1.2	0.9	13	-100	-1	4	2.7	120
132466	14.04	1.2	10	960	0.9	-1	73	3	74	7	1.1	5	9	-5	2.62	36	0.39	-1	-3	28	-100	61	5.6	10	-3	-5	1.09	-500	0.7	0.7	9.3	-100	-1	3.1	2.4	76
132467	11.15	1.1	14	1000	3.8	-1	69	4	86	7	1.1	-2	7	-5	3.08	34	0.38	-1	-6	21	-100	76	5.2	12.4	-3	-5	0.9	-500	0.8	0.5	10	-100	2	3.7	2.1	75
132468	12.82	1.3	11	1000	1.1	-1	83	3	84	14	1.2	-2	11	-5	3.35	37	0.42	-1	-6	27	-100	83	5.8	11.9	-3	-5	1.19	-500	1.4	0.9	13	-100	-1	3.8	2.5	88
132469	11.25	1	13	810	3.4	-1	68	3	75	10	1	-2	8	-5	3.15	33	0.37	-1	-3	26	-100	55	5.3	10.8	-3	-5	1.06	-500	0.8	0.7	10	-100	1	2.6	2.2	64
132470	10.85	1.2	13	740	2.3	-1	91	7	87	9	1.3	4	9	-5	3.47	45	0.42	-1	-3	34	-100	81	6.7	12.3	-3	-5	0.89	-500	1.2	0.9	12	-100	2	3.6	2.5	84
132471	14.46	1.3	12	1100	1.7	1	76	3	78	11	1.3	-2	9	-5	3.23	36	0.4	-1	-3	28	-100	64	6.1	11.8	-3	-5	1.12	-500	0.9	0.7	10	-100	2	3.3	2.4	82
132472	12.09	1.5	13	940	1.5	-1	77	3	78	12	1.1	-2	10	-5	3.09	36	0.39	-1	-3	24	-100	64	5.6	10.5	-3	-5	1	-500	1	0.7	11	-100	3	3.8	2.3	89
132473	10.7	2.9	41	920	0.7	-1	86	5	74	11	1.1	4	11	-5	3.14	42	0.4	-1	-3	27	-100	92	6.4	10.3	-3	-5	0.83	-500	1.5	0.7	15	-100	3	3.3	2.3	74
132474	12.46	1.6	11	980	2	-1	77	3	79	13	1	5	9	-5	3.29	36	0.38	-1	-3	24	-100	80	5.9	11.6	-3	-5	1.09	-500	1.1	0.7	12	-100	2	3.4	2.3	100
132475	14.97	1.3	16	760	0.8	-1	81	2	70	8	1.2	-2	14	-5	3.3	38	0.44	-1	-3	23	-100	49	6.2	10	-3	-5	0.95	-500	1	0.7	11	-100	3	4.1	2.6	66
132476	15.01	1.5	13	740	1.9	-1	77	2	70	8	1	-2	11	-5	2.62	37	0.39	-1	-2	26	-100	57	6.1	10	-3	-5	0.92	-500	1.5	0.7	10	-100	2	3.5	2.4	72
132477	12.66	1.5	10	940	1.8	-1	78	3	79	10	1.1	-2	9	-5	2.8	39	0.38	-1	-3	28	-100	80	6.1	11	-3	-5	0.9	-500	1.1	0.7	11	-100	-1	3	2.3	68
132478	13.41	1.3	10	800	2.6	-1	66	3	72	8	1	-2	8	-5	2.77	32	0.36	-1	-2	22	-100	57	5.2	10	-3	-5	1	-500	0.9	0.6	8.9	-100	2	3	2.2	69
132479	12.63	2.5	18	1000	1.2	-1	86	3	79	11	1.3	-2	9	-5	3.17	43	0.4	-1	-3	30	-100	95	6.6	12	-3	-5	1	-500	1	0.8	12	-100	3	3.4	2.5	86
132480	13.67	1.4	15	750	3.1	-1	69	2	66	13	1.2	-2	9	-5	2.98	34	0.36	-1	-2	25	-100	65	5.4	10	-3	-5	0.88	-500	0.8	0.7	10	-100	1	3.4	2.2	66
132481	16.46	1.7	14	770	2	-1	77	2	70	9	1.1	21	10	-5	2.71	38	0.39	-1	-2	25	-100	56	5.9	10	-3	-5	1	-500	1.1	0.7	10	-100	1	3.2	2.3	76
132482	8.87	1.3	6.6	1200	1.3	-1	130	6	110	14	1.7	-2	8	-5	4.74	68.3	0.45	-1	-4	44	-100	190	10	18.4	-3	-5	0.87	-500	1.5	0.9	21	-100	2	4.8	2.7	140
132483	11.95	4.4	17	1200	1.1	-1	97	5	81	12	1.5	-2	9	-5	3.47	49	0.46	-1	-3	34	-100	110	7.7	13.1	-3	-5	0.89	-500	1.7	0.9	15	-100	2	3.7	2.8	87
132484	12.4	2.6	16	920	1.4	-1	91	4	81	13	1.3	-2	9	-5	3.49	44	0.39	-1	-3	29	-100	89	6.8	12.4	-3	-5	0.89	-500	1.2	0.8	12	-100	3	3.8	2.5	90
132485	12.22	4.6	21	1000	1.8	-1	84	4	78	12	1.4	-2	8	-5	3.45	42	0.44	-1	-3	30	-100	77	7.1	12.6	-3	-5	0.93	-500	1.4	1.1	12	-100	1	4.2	2.6	78
132486	10.8	2	8.8	1100	1	-1	120	5	79	13	1.6	-2	8	-5	3.84	60.7	0.41	-1	-3	39	-100	130	8.5	14.3	-3	-5	1	-500	1.3	0.9	17	-100	-1	3.4	2.4	78
132487	11.52	1.4	12	810	0.9	-1	84	3	72	11	1.2	-2	9	-5	2.84	40	0.4	-1	-3	29	-100	82	6.3	10.9	-3	-5	1	-500	1.1	0.9	12	-100	3	3.2	2.4	59
132488	12.28	3.1	16	940	0.9	-1	120	6	98	14	1.7	-2	17	-5	3.46	59	0.56	-1	-3	40	-100	110	8.9	13.2	-3	-5	0.93	-500	1.9	1	18	-100	3	4	3.3	87
132489	12.31	2.5	14	870	-0.5	-1	120	4	91	12	1.6	-2	17	-5	3.35	57.1	0.55	-1	-3	36	-100	86	8.6	12.4	-3	-5	0.95	-500	1.1	0.9	16	-100	3	4.8	3.2	81
132490	12.72	2.3	14	890	1.5	-1	110	4	89	12	1.6	-2	17	-5	3.31	55.5	0.54	-1	-3	39	-100	92	8.5	12	-3	-5	1	-500	1.6	0.9	15	-100	2	4	3.1	72
132833	12.11	1	11	960	1.7	-1	64	3	69	8	1.1	-2	8	-5	2.52	32	0.35	-1	-3	22	-100	68	5.1	9.5	-3	-5	1	-500	1	0.7	8.6	-100	-1	3.2	2	62
132834	11.39	1.2	11	990	1.3	1	70	3	63	11	1	-2	8	-5	2.55	34	0.36	-1	-3	27	-100	66	5.8	10	-3	-5	0.82	-500	0.8	0.8	10	-100	-1	3.8	2.1	59
132835	12.74	2	15	770	1.2	-1	98	3	78	11	1.3	10	10	-5	3.03	48	0.41	-1	-3	34	-100	100	7	11.6	-3	-5	0.83	-500	0.9	0.9	14	-100	-1	4.2	2.5	72
132836	11.15	1.5	11	1100	1	-1	94	3	81	12	1.2	-2	10	-5	2.95	46	0.43	-1	-3	30	-100	86	7	11.8	-3	-5	0.94	-500	0.8	1	13	-100	2	4.5	2.5	56
132837	9.63	1.4	11	1100	0.8	-1	120	6	110	15	1.5	-2	11	-5	3.66	58.5	0.43	-1	-4	40	-100	130	8.4	14.9	-3	-5	0.89	-500	1.2	0.7	17	-100	2	4.1	2.6	87
132838	13.46	1.3	16	920	-0.5	-1	83	2	72	11	1.4	-2	10	-5	3.08	38	0.43	-1	-3	33	-100	56	6.8	11.1	-3	-5	1	-500	0.8	0.8	10	-100	1	3.1	2.6	66
132839	12.23	1.9	17	1400	1.4	-1	79	3	77	11	1.4	-2	10	-5	3.35	40	0.48	-1	-3	28	-100	72	6.9	11.7	-3	-5	1.01	-500	1.2	1	11	-100	-1	3	2.9	94
132840	13.81	1.7	15	1300	1	-1	83	2	75	12	1.4	5	11	-5	3.27	41	0.48	-1	-3	29	-100	64	6.9	11.5	-3	-5	1	-500	1.1	1	11	-100	3	3.7	3	89
132841	13.45	2	16	1100	0.6	-1	91	3	78	13	1.3	-2	10	-5	3.47	43	0.48	-1	-3	29	-100	79	7.1	12.6	-3	-5	1	-500	1.6	0.7	12	-100	3	3.2	2.9	73
132842	11.55	1.4	11	1000	1.8	-1	76	4	83	11	1.1	-2	11	-5	3.54	37	0.43	-1	-3	25	-100	100	5.5	11.2	-3	-5	1	-500	1.5	0.6	14	-100	-1	2.8	2.4	84
132843	10.16	1.1	7.5	1300	0.9	-1	140	6	90	26	2.1	-2	10	-5	5.2	69.4	0.68	-1	-4	51	-100	150	11.4	17.7	-3	-5	1.07	-500	1.1	1.3	26.2	-100	3	2.3	3.9	120
132844	13.8	1.4	11	1000	-0.5	-1	88	3	76	11	1.4	-2	10	-5	3.05	43	0.48	-1	-3	28	-100	68	7	11.6	-3	-5	1.04	-500	1.2	0.8	11	-100	3	3.5	2.8	72
132845	13.19	1.9	14	950	1	-1	83	3	74	10	1.3	-2	9	-5	2.98	40	0.42	-1	-6	29	-100	66	6.3	10.8	-3	-5	1.01	-500	1.3	0.8	11	-100	2	3.8	2.3	74
132846	15.11	1.5	15	1000	-0.5	-1	80	3	76	13	1.3	-2	11	-5	3.22	38	0.43	-1	-3	28	-100	65	6.1	10.9	-3	-5	1	-500	1	0.9	11	-100	-1	3.8	2.6	74
132847	14.36	4.1	21	1100	1.2	-1	87	4	80	12	1.5	6	9	-5	3.34	45	0.44	-1	-3	32	-100	88	6.9	12	-3	-5	1	-500	1.1	0.7	13	-100	3	3.5	2.7	85
132848	13.44	4.1	22	710	-0.5	-1	94	3	65	12	1.3	73	9	-5	3.13	46	0.41	-1	-3	33	-100	88	6.9	10.9	-3	-5	0.84	-500	1.3	0.7	13	-100	2	3	2.5	63
132849	14.93	1.4	13	910	1.1	-1	77	3	75	13	1.1	7	10	-5	2.99	36	0.41	-1	-3	24	-100	58	5.7	10	-3	-5	1.01	-500	1.4	0.7	10	-100	2	3.4	2.4	72
132850	13.76	1.6	12	1000	1.1	-1	86	3	76	9	1.4	5	9	-5	2.97	42	0.44	-1	-3	29	-100	81	6.6	11.3	-3	-5	1.01	-500	1.2	0.7	11	-100	3	3.8	2.6	69
132851	12.79	2.1	14	1100	1.7	-1	99	3	83	12	1.6	-2	10	-5	3.21	50	0.49	-1	-3	35	-100	86	8.2	12.9	-3	-5	1.08	-500	1.1	0.9	12	-100	-1	3.6	3	86
132852	9.95	2.6	21	1000	-0.5	-1	130	6	110	15	1.5	8	11	-5	4.1	61.6	0.41	-1	-4	41	-100	150	8.5	16.4	-3	-5	0.84	-500	1.2	1	18	-100	-1	4	2.6	110

Company : Mayo Lake Minerals Inc.
Submitted by : Tyrell Sutherland
Date Received : 29-Aug-12
Date Reported : 26-Oct-12& 9-Oct-12

T12-01776.0
& T12-01777.0
&T12-01774.0

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ISO 17025
For Scope of Accreditation No. 422
Pour la portée d'accréditation no. 422

Acme file # :WHI12000582 & WHI12000583& WHI12000580
Samples were run as received.
Analysis performed by Neutron Activation (Method BQ-NAA-1)
A negative result denotes "Less Than".

Note : Mo results are interfered with by Mo production from U fission. Samples above 500ppmSb have elevated detection limits due to high Sb.

Soil ID	Wt grams	Sb ppm	As ppm	Ba ppm	Br ppm	Ca %	Ce ppm	Cs ppm	Cr ppm	Co ppm	Eu ppm	Au ppb	Hf ppm	Ir ppb	Fe %	La ppm	Lu ppm	Hg ppm	Mo ppm	Nd ppm	Ni ppm	Rb ppm	Sm ppm	Sc ppm	Se ppm	Ag ppm	Na %	Sr ppm	Ta ppm	Tb ppm	Th ppm	Sn ppm	W ppm	U ppm	Yb ppm	Zn ppm
132853	11.9	2.6	19	780	1	-1	100	5	84	8	1.3	-2	10	-5	3.19	48	0.4	-1	-3	31	-100	130	6.7	12.4	-3	-5	0.76	-500	1.2	0.7	13	-100	2	3.2	2.4	73
132854	13.37	1.1	11	910	1.3	-1	76	4	85	8	1.1	-2	9	-5	3.11	37	0.4	-1	-3	26	-100	82	5.5	11.8	-3	-5	1	-500	1.1	0.5	11	-100	-1	4	2.4	67
132855	14.02	1.8	15	880	0.9	-1	100	4	79	10	1.4	-2	10	-5	3.22	51.3	0.46	-1	-4	38	-100	100	7.5	12.4	-3	-5	0.87	-500	1.2	0.9	14	-100	3	3.5	2.7	70
132856	11.71	3.1	19	1100	-0.5	-1	120	6	90	12	1.7	-2	9	-5	3.89	57.7	0.49	-1	-4	43	-100	120	8.8	14.5	-3	-5	0.83	-500	1.3	0.9	17	-100	-1	3.6	2.9	81
132857	13.88	1	14	950	1.7	-1	69	3	81	5	1	-2	9	-5	2.91	34	0.39	-1	-3	23	-100	67	5.1	11.2	-3	-5	1	-500	0.8	0.8	10	-100	2	3.6	2.3	52
132858	12.9	1.6	14	850	1.2	-1	84	3	67	10	1.2	15	10	-5	2.77	42	0.38	-1	-3	27	-100	64	6.6	10.3	-3	-5	0.92	-500	1.1	0.7	11	-100	3	3.8	2.3	69
132859	9.03	1.2	7.7	910	0.9	-1	120	6	88	14	1.5	-2	8	-5	3.63	62.5	0.47	-1	-3	43	-100	140	10	14.8	-3	-5	0.92	-500	1.2	1	18	-100	2	4.7	2.8	74
132860	10.31	1.1	13	1200	1.1	-1	99	5	89	16	1.4	-2	9	-5	3.63	50.2	0.45	-1	-3	31	-100	130	8	14.3	-3	-5	0.79	-500	1.1	0.9	15	-100	2	4.1	2.6	86
137079	18.05	0.9	13	650	-0.5	-1	54	1	43	7	1	-2	9	-5	2.05	28	0.31	-1	-1	20	-100	31	4.6	6.5	-3	-5	0.84	-500	0.9	0.5	7.5	-100	1	4.4	1.8	-50
137080	13.72	1.2	12	910	1.2	-1	61	3	56	7	1.1	8	8	-5	2.33	32	0.33	-1	-2	21	-100	62	4.8	8	-3	-5	1	-500	1.2	0.7	9.1	-100	2	3.3	1.8	50
137081	14.69	1.5	14	870	-0.5	-1	59	2	62	7	0.9	-2	8	-5	2.59	30	0.33	-1	-2	20	-100	63	4.8	8.6	-3	-5	1	-500	0.9	0.6	8.4	-100	2	3.1	1.9	57
137082	15.29	4	24	680	1	-1	71	3	51	8	1	-2	8	-5	2.72	37	0.33	-1	-2	26	-100	70	5.3	8.3	-3	-5	0.81	-500	1.5	0.5	12	-100	2	3.4	1.9	60
137083	13.28	1.3	12	1000	1.3	-1	57	4	67	10	0.8	-2	7	-5	2.98	29	0.3	-1	-2	20	-100	63	4.3	8.8	-3	-5	1.07	-500	1	-0.5	8.8	-100	1	2.7	1.8	55
137084	17.3	1.2	10	810	-0.5	-1	61	2	51	7	1	-2	9	-5	2.15	31	0.32	-1	-1	21	-100	49	5	7.2	-3	-5	0.89	-500	1.3	0.6	8.3	-100	2	3.3	1.8	-50
137085	13.04	0.9	8.8	1100	0.8	-1	62	4	50	3	0.8	5	8	-5	2.08	32	0.31	-1	-2	22	-100	67	4.4	7.7	-3	-5	0.87	-500	0.9	-0.5	10	-100	2	3.6	1.7	60
137086	16.25	1.2	4.5	1200	-0.5	-1	120	9	25	4	1.8	-2	8	-5	2.34	65.3	0.33	-1	-5	32	-100	140	8.4	8.7	-3	-5	1.12	-500	1.4	0.9	23	-100	3	6.3	1.8	88
137087	15.6	1.6	14	1100	-0.5	-1	82	5	62	10	1.4	-2	9	-5	3.07	40	0.43	-1	-3	28	-100	68	6.6	11.8	-3	-5	1	-500	1.1	0.8	14	-100	3	4.2	2.5	78
137088	16.97	1.6	6.6	2200	-0.5	-1	120	8	25	6	1.3	-2	8	-5	2.23	64.7	0.27	-1	-3	33	-100	130	7.4	7	-3	-5	1.3	-500	1.1	0.7	22.4	-100	3	5.5	1.5	86
137089	13.07	1.8	15	1600	-0.5	-1	74	3	76	12	1.4	-2	8	-5	3.32	38	0.43	-1	-5	23	-100	79	6.6	11.4	-3	-5	0.92	-500	1	0.6	11	-100	2	6	2.6	100
137090	15.99	1.9	15	1300	0.6	-1	69	3	72	10	1.2	-2	8	-5	3.02	36	0.38	-1	-5	24	-100	71	5.9	10	-3	-5	1	-500	1.4	0.9	10	-100	2	5.5	2.2	97
137091	16.91	1.2	8.1	1700	-0.5	-1	100	7	35	7	1.3	-2	8	-5	2.82	53.4	0.3	-1	-3	32	-100	100	7.1	10.5	-3	-5	1.26	-500	1.7	0.6	20.4	-100	4	5	1.8	110
137092	16.34	1.7	12	1500	1.1	-1	93	5	57	9	1.6	-2	8	-5	2.86	49	0.39	-1	-3	31	-100	86	7.3	10.5	-3	-5	1.08	-500	1.1	0.9	15	-100	2	4.2	2.3	85
137093	14.95	1.3	13	1000	1.8	-1	61	4	69	13	0.9	-2	8	-5	3.16	32	0.32	-1	-2	21	-100	64	4.7	9.4	-3	-5	1	-500	0.8	0.5	12	-100	2	3.5	1.9	65
137094	15.7	1.3	14	1000	1.8	-1	64	3	67	10	1.1	-2	8	-5	2.97	33	0.37	-1	-3	25	-100	57	5.7	10.5	-3	-5	1	-500	0.8	0.8	9.2	-100	2	3.7	2.3	64
137095	16.08	1.2	14	1000	1.2	-1	70	4	50	7	0.9	-2	7	-5	2.75	37	0.26	-1	-2	23	-100	86	4.9	7.4	-3	-5	0.86	-500	1.5	0.5	13	-100	2	3.2	1.5	55
137096	11.96	0.8	10	880	0.9	-1	58	4	53	4	0.8	-2	8	-5	2.34	30	0.31	-1	-3	22	-100	62	4.4	7.7	-3	-5	0.88	-500	1.1	-0.5	8.1	-100	2	2.9	1.8	52
137097	13.83	0.9	8.6	1200	1.9	-1	68	4	57	7	1.1	-2	9	-5	2.3	34	0.32	-1	-6	21	-100	69	5.2	8.4	-3	-5	0.93	-500	1	0.8	10	-100	2	13	1.8	65
137098	15.22	0.9	6.1	1300	-0.5	-1	60	5	38	5	0.9	5	8	-5	1.85	30	0.23	-1	-5	18	-100	83	4.5	5.9	-3	-5	0.92	-500	1.1	-0.5	11	-100	2	6.7	1.3	68
137099	14.04	1.3	13	1100	1.9	-1	61	4	76	10	0.9	-2	8	-5	3.27	31	0.36	-1	-2	21	-100	66	4.7	10	-3	-5	0.87	-500	1.4	-0.5	10	-100	2	3.8	2	80
137100	12.98	0.8	6	1400	0.7	-1	49	5	38	3	0.8	-2	6	-5	1.94	25	0.23	-1	-2	17	-100	98	3.8	5.8	-3	-5	0.76	-500	1.3	-0.5	7.9	-100	2	3	1.3	-50
137101	14.15	0.9	7.8	1200	-0.5	-1	72	7	52	8	1.8	-2	8	-5	2.41	36	0.31	-1	-3	26	-100	89	7	10	-3	-5	0.82	-500	1.1	0.6	12	-100	3	4.8	1.9	73
137102	14.66	1	9.2	1200	0.7	-1	65	6	56	7	1.1	24	8	-5	2.33	33	0.33	-1	-2	23	-100	75	5.3	8.1	-3	-5	0.82	-500	1.1	0.5	10	-100	2	3.6	1.8	64
137103	12.18	1.2	12	1400	1.2	1	91	8	76	11	1.7	-2	9	-5	3.3	49	0.45	-1	-6	33	-100	95	7.9	11.9	-3	-5	1	-500	1.3	1	14	-100	3	5.8	2.6	110
137104	13.28	1	13	960	2.6	-1	69	3	70	6	1.1	-2	8	-5	2.58	34	0.39	-1	-3	25	-100	57	5.7	10.2	-3	-5	0.89	-500	0.6	0.7	9.2	-100	1	3.8	2.2	-50

Company : Mayo Lake Minerals Inc.

Submitted by : Tyrell Sutherland

T12-01780.0

Date Received : 29-Aug-12

Becquerel
A Maxxam Company

6790 Kitimat Rd, Unit #4
Mississauga, ON,Canada,L5N 5L9
Ph: (905) 826-3080 Fax : (905) 826-4151
email : RAllen@maxxam.ca

Date Reported : 05-Nov-12
Acme file # : WHI12000586
Samples were run as received.
Analysis performed by Neutron Activation (Method BQ-NAA-1)
A negative result denotes "Less Than".
Note : Mo results are interfered with by Mo production from U fission.

ISO 17025
For Scope of Accreditation No. 422
Pour la portée d'accréditation no. 422

#	Silt ID	Wt	Sb	As	Ba	Br	Ca	Ce	Cs	Cr	Co	Eu	Au	Hf	Ir	Fe	La	Lu	Hg	Mo	Nd	Ni	Rb	Sm	Sc	Se	Ag	Na	Sr	Ta	Tb	Th	Sn	W	U	Yb	Zn
		grams	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppb	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
1	1575001	21.74	1.1	13.0	600	-0.5	-1	47	2	44	7	0.8	-2	6	-5	1.81	24.0	0.25	-1	-1	17	-100	38	3.9	6.7	-3	-5	0.85	-500	0.9	-0.5	6.5	-100	-1	2.4	1.5	-50
2	1575002	17.37	1.7	21.0	710	1.3	1	70	5	63	9	1.1	-2	10	-5	2.39	34.0	0.38	-1	-1	23	-100	56	5.6	9.1	-3	-5	0.94	-500	1.4	0.8	10.0	-100	2	3.3	2.2	67
3	1575003	18.14	2.1	17.0	700	1.2	1	67	4	60	8	1.1	-2	9	-5	2.20	33.0	0.36	-1	-1	23	-100	52	5.4	8.5	-3	-5	0.90	-500	1.1	0.6	9.4	-100	2	3.3	2.1	62
4	1575004	17.69	1.6	14.0	710	-0.5	-1	54	3	53	7	0.8	-2	7	-5	2.09	27.0	0.27	-1	-1	17	-100	51	4.3	7.8	-3	-5	0.88	-500	1.2	0.6	8.2	-100	1	2.4	1.7	58
5	1575005	11.09	1.3	10.0	1000	1.2	-1	70	8	80	12	1.2	-2	7	-5	3.08	35.0	0.38	-1	-2	25	-100	120	5.8	13.6	-3	-5	0.94	-500	1.1	0.9	12.0	-100	2	3.3	2.2	85
6	1575006	15.90	1.8	16.0	710	2.4	-1	110	5	69	9	1.5	7	14	-5	2.46	53.5	0.48	-1	-2	34	-100	73	8.2	10.0	-3	-5	0.89	-500	1.1	1.0	16.0	-100	2	4.5	2.8	72
144	1575377	15.69	1.6	22.0	740	1.2	-1	120	4	74	10	1.7	9	14	-5	2.70	56.0	0.53	-1	-4	41	-100	63	8.2	10.3	-3	-5	1.00	-500	0.6	1.2	15.0	-100	3	3.4	3.0	95
145	1575379	13.67	1.8	10.0	780	5.8	-1	110	4	81	12	1.5	23	11	-5	3.20	52.3	0.46	-1	-4	37	-100	100	7.6	12.1	-3	-5	1.15	-500	1.1	0.8	15.0	-100	4	2.5	2.8	91
156	1575391	18.58	0.7	5.1	940	-0.5	-1	71	6	54	7	1.0	-2	11	-5	1.94	34.0	0.38	-1	-7	25	-100	58	5.1	7.7	-3	-5	0.91	-500	1.0	0.7	9.3	-100	-1	9.1	2.1	62
157	1575392	15.33	0.7	6.7	970	1.4	-1	69	5	50	9	1.2	-2	8	-5	2.12	32.0	0.33	-1	-7	26	-100	62	4.8	7.5	-3	-5	0.89	-500	0.8	0.5	9.0	-100	-1	6.5	1.8	67

Company : Mayo Lake Minerals Inc.

Submitted by : Tyrell Sutherland

Date Received : 29-Aug-12

T12-01782.0

Becquerel
A Maxxam Company

6790 Kitimat Rd, Unit #4
Mississauga, ON,Canada,L5N 5L9
Ph: (905) 826-3080 Fax : (905) 826-4151
email : RAllen@maxxam.ca

Date Reported : 04-Oct-12
Acme file # :WHI12000608
Samples were run as received.
Analysis performed by Neutron Activation (Method BQ-NAA-1)
A negative result denotes "Less Than".
Note : Mo results are interfered with by Mo production from U fission.

ISO 17025
For Scope of Accreditation No. 422
Pour la portée d'accréditation no. 422

#	Rock ID	Wt	Sb	As	Ba	Br	Ca	Ce	Cs	Cr	Co	Eu	Au	Hf	Ir	Fe	La	Lu	Hg	Mo	Nd	Ni	Rb	Sm	Sc	Se	Ag	Na	Sr	Ta	Tb	Th	Sn	W	U	Yb	Zn
		grams	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppb	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
6	1575378	14.20	0.4	19.0	210	-0.5	-1	19	1	36	4	0.3	-2	3	-5	1.23	8.3	0.17	-1	-2	7	-100	29	1.5	2.5	-3	-5	0.36	-500	-0.5	-0.5	4.0	-100	-1	0.9	1.0	-50
31	1575225	12.05	1.4	3.7	110	-0.5	-1	-3	-1	25	-1	-0.2	-2	-1	-5	0.71	1.3	-0.05	-1	2	-5	-100	-15	0.2	0.5	-3	-5	0.01	-500	-0.5	-0.5	0.4	-100	-1	-0.5	-0.2	-50
32	1575226	14.20	0.4	1.8	170	-0.5	-1	23	-1	33	2	0.2	-2	4	-5	0.79	10.0	0.09	-1	-2	8	-100	25	1.5	1.4	-3	-5	0.46	-500	-0.5	-0.5	5.8	-100	-1	0.5	0.4	-50
33	1575227	13.33	0.5	2.8	370	-0.5	-1	42	2	35	2	0.4	-2	7	-5	1.23	19.0	0.15	-1	-3	14	-100	51	2.7	2.8	-3	-5	0.72	-500	0.5	-0.5	11.0	-100	1	1.1	0.8	-50
59	1575264	13.77	0.5	4.9	90	-0.5	-1	7	-1	26	2	-0.2	-2	-1	-5	0.90	3.1	0.09	-1	-1	-5	-100	-15	0.5	0.7	-3	-5	0.10	-500	-0.5	-0.5	1.4	-100	-1	-0.5	0.4	250
60	1575265	11.98	0.9	1.9	3400	-0.5	-1	52	10	9	-1	0.8	-2	4	-5	1.19	27.0	-0.05	-1	-4	16	-100	190	3.6	2.0	-3	-5	1.47	-500	1.0	-0.5	14.0	-100	2	4.6	-0.2	57
61	1575266	13.75	0.7	1.0	-50	-0.5	-1	-3	-1	43	3	-0.2	-2	-1	-5	1.06	-0.5	-0.05	-1	-1	-5	-100	-15	0.1	1.2	-3	-5	0.08	-500	-0.5	-0.5	-0.2	-100	-1	-0.5	-0.2	-50
63	1575268	12.62	1.9	18.0	230	-0.5	-1	41	2	24	1	0.3	-2	5	-5	1.04	18.0	0.13	-1	-1	14	-100	41	2.3	1.6	-3	-5	0.04	-500	-0.5	-0.5	7.5	-100	-1	0.9	0.6	-50
64	1575269	11.26	2.0	16.0	2900	-0.5	3	12	-1	190	32	1.4	-2	2	-5	5.79	5.3	0.12	-1	-3	9	-100	37	2.9	15.1	-3	-5	2.40	-500	0.5	-0.5	0.5	-100	-1	-0.5	0.9	95
69	126495	13.77	0.3	3.7	240	0.6	-1	27	-1	33	5	0.3	-2	1	-5	1.42	13.0	0.08	-1	-1	10	-100	35	1.9	3.2	-3	-5	0.41	-500	-0.5	-0.5	4.6	-100	-1	0.8	0.5	-50

ACME ANALYTICAL LABORATORIES LTD.

Client:	Mayo Lake Minerals Inc.	Final Report 4-acid digestion with ICPMS finish
File Created:	4-Oct-12	Crush, split, and pulverize 250g rock to 200 mesh
Job Number:	WHI12000608	
Number of Samples:	68	
Project:	MLM 2012	
Shipment ID:		
P.O. Number:	NA-12370	
Received:	8-Aug-12	

| | Method | WGHT | 1EX | 1EX | 1EX

Appendix F

Statement of Expenditures

Geophysical interpretation:	$800.00
Assays:	
Rock Samples $42.75 x 7	
Silt Samples $21.95x 10	
Soil Sample $21.95 x 492	
Total assay costs	$11,318.15
Camp & Payroll costs	$24,045.16
Helicopter costs	
$1470.56 x 3.6hours	$5,294.00
Preparation of reports	$4800.00
Total expenditure	$46,257.31
Expenditure per claim:	$162.88

This survey was completed as part of a larger program that covered six additional nearby claim blocks. As such camp costs are calculated based on the proportion of the total number of samples taken for the field season on this block. The breakdown is as follows:

Total Samples	2371
Total Camp and payroll Costs	$112,005.96
Camp and payroll cost per sample	$47.24
Samples taken From Trail-Minto Claim Group	509

$47.24 per sample and 509 samples results in camp and payroll costs of $24045.16

Similarly geophysical interpretation was completed on all blocks, the total cost of this interpretation was $5600.00 broken down between 7 claim blocks results in a cost per block of $800.00.