MAYO LAKE MINERALS INC.
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Assessment Report

On the

Roop Claim Group

GR various, GR3 1-GR3 21, GR4 1-GR4 34,KL5 1-KL5 37

Describing

2012 Geophysical Interpretation and Geochemical Surveys and Interpretation

105M 15

Latitude 63.8234N, Longitude 134.8256E

In the

Mayo Mining District
Yukon Territory

By

T. Sutherland, B.Sc.,
and V.N. Rampton, Ph.D., P.Eng

August 9, 2013

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Introduction

The Roop Claim Group (the "Property") is owned by Mayo Lake Minerals Inc.("MLM") The Property is located northeast of Mayo (Figure 1) within 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, discussion, conclusions and recommendations from the prospecting and geochemical survey. The geophysical interpretation of data by Geo Digit-Ex 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 378 contiguous claims located approximately 60 kilometers northeast of Mayo, Yukon, Canada and within NTS map sheet 105M 15. 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 the location of the claims shown in Figure 1 and Figure 2.

Grant number	Claim Name	Map sheet	Group Name
YE46001-YE46161	GR1-GR161	105M 15	Roop
YE46164-YE46185	GR164-GR 185	105M 15	Roop
YE46197-YE46200	GR197-GR200	105M 15	Roop
YE24701-YE24714	GR201-GR214	105M 15	Roop
YE24735-YE24750	GR235-GR250	105M 15	Roop
YE24777-YE24800	GR277-GR300	105M 15	Roop
YE45661-YE45700	GR301-GR340	105M 15	Roop
YD63850-YD63854	GR341-GR345	105M 15	Roop
YD132401-YD132406	GR3 1-GR3 6	105M 15	Roop
YD132387	GR3 7	105M 15	Roop
YC95368-YC95372	GR3 8-GR3 12	105M 15	Roop
YC95243	GR3 13	105M 15	Roop
YC95384-YC95390	GR3 14-GR3 20	105M 15	Roop
YC98329	GR3 21	105M 15	Roop
YD129051-YD129053	GR4 1-GR4 3	105M 15	Roop

Grant number	Claim Name	Map sheet	Group Name
YD132444-YD132460	GR4 4-GR4 20	105M 15	Roop
YD61628-YD61630	GR4 21-GR4 23	105M 15	Roop
YD65768-YD65771	GR4 24-GR4 27	105M 15	Roop
YD63767	GR4 28	105M 15	Roop
YD14043-YD14045	GR4 29-GR4 31	105M 15	Roop
YD11798-YD11800	GR4 32-GR4 34	105M 15	Roop
YD12092-YD12100	KL5 1-KL5 9	105M 15	Roop
YD96277-YD96284	KL5 10-KL5 17	105M 15	Roop
YD14193-YD14200	KL5 18-KL5 25	105M 15	Roop
YD12566-YD12569	KL5 26-KL5 29	105M 15	Roop
YD14057-YD14060	KL5 30-KL5 33	105M 15	Roop
YD63806-YD63807	KL5 34-KL5 35	105M 15	Roop
YD62196-YD62197	KL5 36-KL5 37	105M 15	Roop

Table 1: Claims comprising the Roop Claim Group

Access is by helicopter; though a 4-wheel drive access road runs within 5km of the property and is connected to a government-maintained, gravel road (Silver Trail). The Silver Trail connects with the Yukon's paved or chip-sealed highway network at Mayo (Figure 1).

Roop
Claim Group

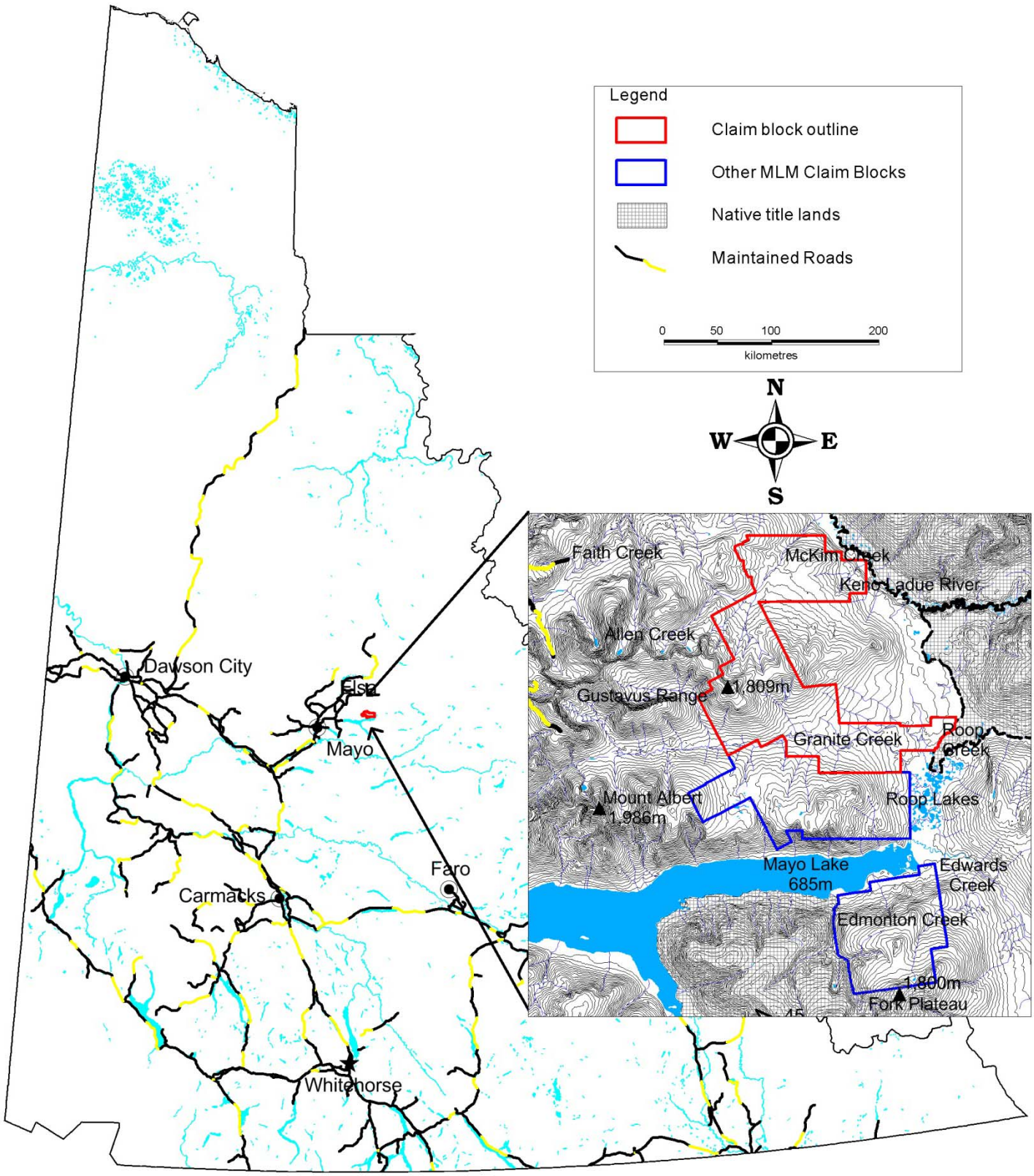


Figure 1: Roop property location

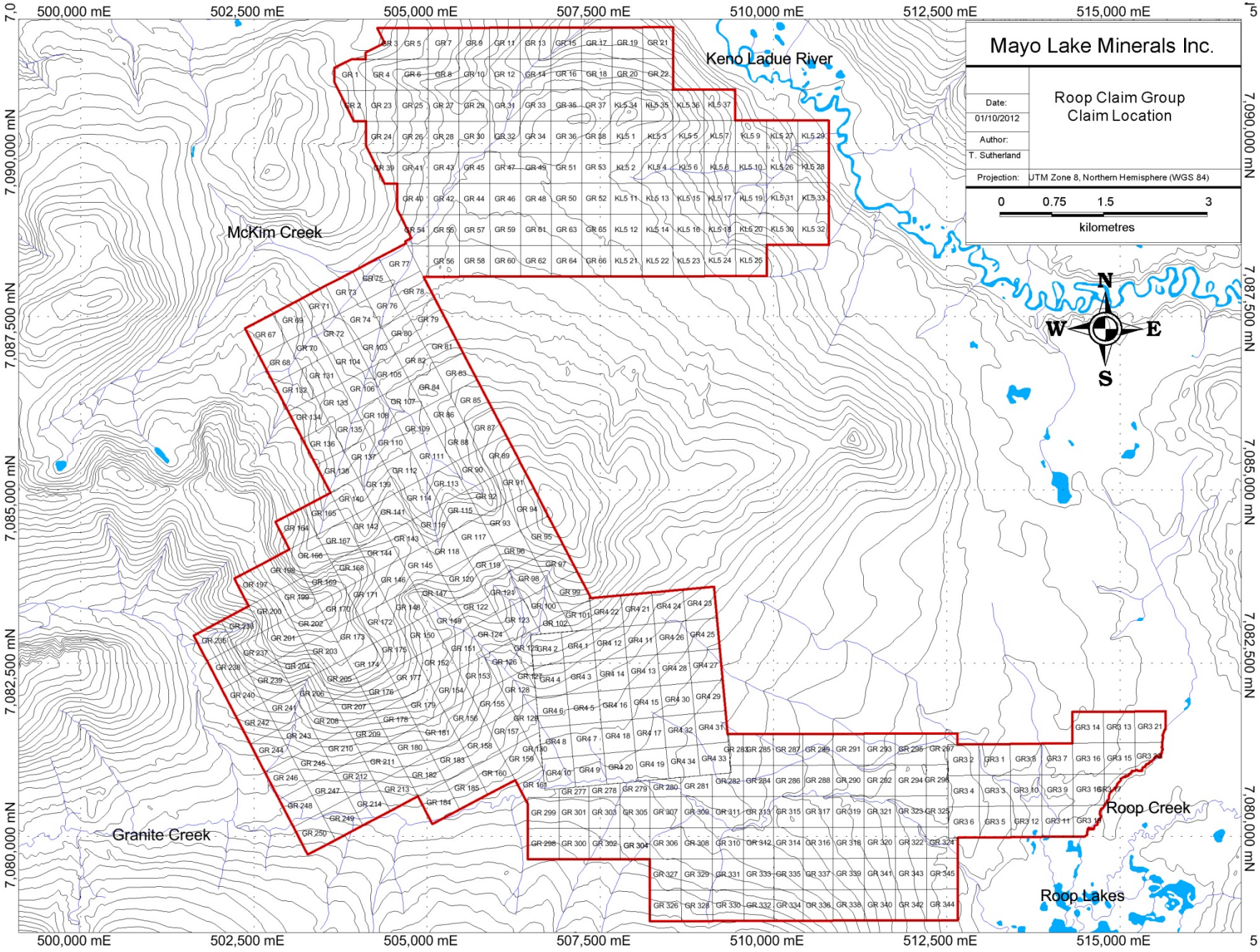


Figure 2: Location of claims in the Roop Claim Group

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 plus minor exploration and extensive placer mining along Granite 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 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).

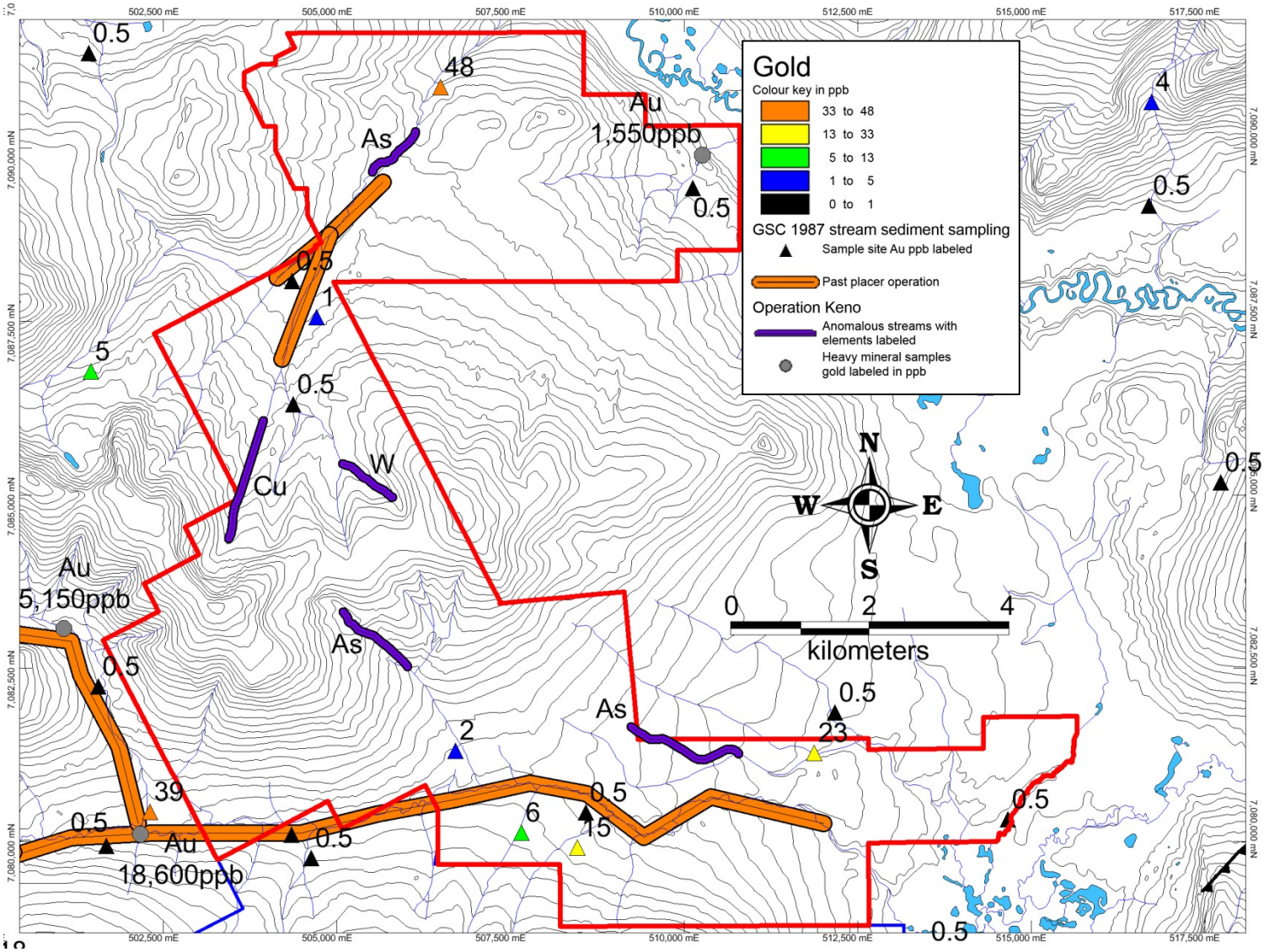


Figure 3: Previous work on the Roop Claim Group

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 draining the property were sampled (Figure 3). A tributary to the Keno-Ladue River east of McKim Creek yielded 1,550ppb gold in heavy metal concentrates, a tributary to Granite Creek west of the Property was anomalous for gold from both Operation Keno and later sampling by the GSC.

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. Several gold anomalies were identified on this Property during this program (Figure 3).

A study by Lynch 2006, described an altered unit of the KHQ situated 20 km southeast of the Keno Hill mining district, between the Property and Mayo Lake. The unit was traced for 4 km through mapping and sampling and was referred to as the "Sugar Member". Lynch classifies the unit as a potential host to a sediment-hosted disseminated gold occurrence, on the basis of the stratabound nature of the alteration and veining, and observed decarbonatization and apparent decalcification. Lynch goes on to note that characteristics suggest that the hydrothermal activity occurred within the mesothermal regime rather than the more common epithermal regime of well established, sediment-hosted disseminated gold deposits. Although gold assays returned modest values, the values are distinctly anomalous. Evidence suggests that gold was remobilized in the porous unit due to meteoric circulation and leaching and high grades may be present at depth. Sampling of material that is located below the water table remains a target for drilling.

Geomorphology

The Property covers the eastern edge and lower slopes of the Gustavus Range between Granite Creek and McKim Creek (Figure 2) west of the Roop Lakes. Valleys containing the Keno-Ladue River, Granite Creek, and Mayo Lake are broad and U-shaped due to glacier ice being funneled down them from east to west during Pleistocene glaciations. Most tributaries to the large valleys are narrow and confined by steep slopes. Several cirques are present in the Gustavus Range. Peaks are generally rounded with steep drop-offs or cliffs at the lips of valleys. Streams draining the property are all part of the Yukon River watershed.

The Property has been subjected to multiple glaciations (Hughes 1983). The youngest Pleistocene McConnell Glaciation was confined to the trunk valleys occupied by Mayo Lake and the Keno Ladue River and Granite Creek (Bond 1999). With the exception of the valley occupied by Granite Creek, these valleys were filled with fast flowing ice that scoured their bottoms and sides. During the McConnell Glaciation, ice moved up Granite Creek where it terminated as it moved up-slope. The Ice was probably cold based and minimal erosion took place. The upper limit of the McConnell Glaciation is partially marked by lateral moraines and kame terraces. Within the McConnell glacial limit most of the terrain is covered by variable thicknesses of till (Hughes 1983). During the earlier Reid glaciation, ice flowed west over the divide to Keystone Creek and was probably more erosional in the valley bottom.

All uplands here were covered by glacial ice during the older Reid glaciation. Due to the elevation of the upland, the ice was probably cold-based and transport of rock and debris was minimal evidenced by landforms. Surface cover is mapped as a mixture of colluvium and till above the McConnell glacial limit. Patches of buried colluvium and alluvial benches may be representative of the Reid and older Pleistocene glaciations.

During deglaciation, trunk valleys were filled with proglacial outwash in some areas. Subsequently, streams have carved ravines into the kame terraces producing alluvial fans and floodplains extending into the trunk valleys. The alluvium is a mixture of gravel, sand, silt and organics, generally fining upward.

Outcrop is intermittent on the property, rarely exceeding 10% in any area. Soil development is immature.

Vegetation is predominantly black spruce with willow and alder understorey and isolated groves of poplar on lower well drained slopes. Valleys floors are poorly drained and exhibit a thick cover of organic matter, moss and Labrador tea. Permafrost is likely pervasive on plateaus and north facing slopes but discontinuous on south facing slopes.

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 ("KHQ") along the Robert Service Thrust ("RST"). Mid-Triassic mafic sills and greenstones are common within the KHQ 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 Lakes Stock, 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 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 KHQ; this is likely the topmost unit of the Ern Group (Murphy 1997, Roots 1997) though Roots (1997) includes this as the basal unit of the KHQ at Keno Hill as well. It is these authors’ (Sutherland and Rampton 2013) opinion from observations that the presence of thin metavolcanic units in the KHQ led to this confusion and the grouping of all metavolcanics into the Keno Hill Quartzite by some authors. The genesis of a large metavolcanic unit containing the Marge Deposit to the northeast remains uncertain though is normally associated with the KHQ.

Mineralization within the Tintina Gold Belt is primarily the result of intrusion related gold systems; 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 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.

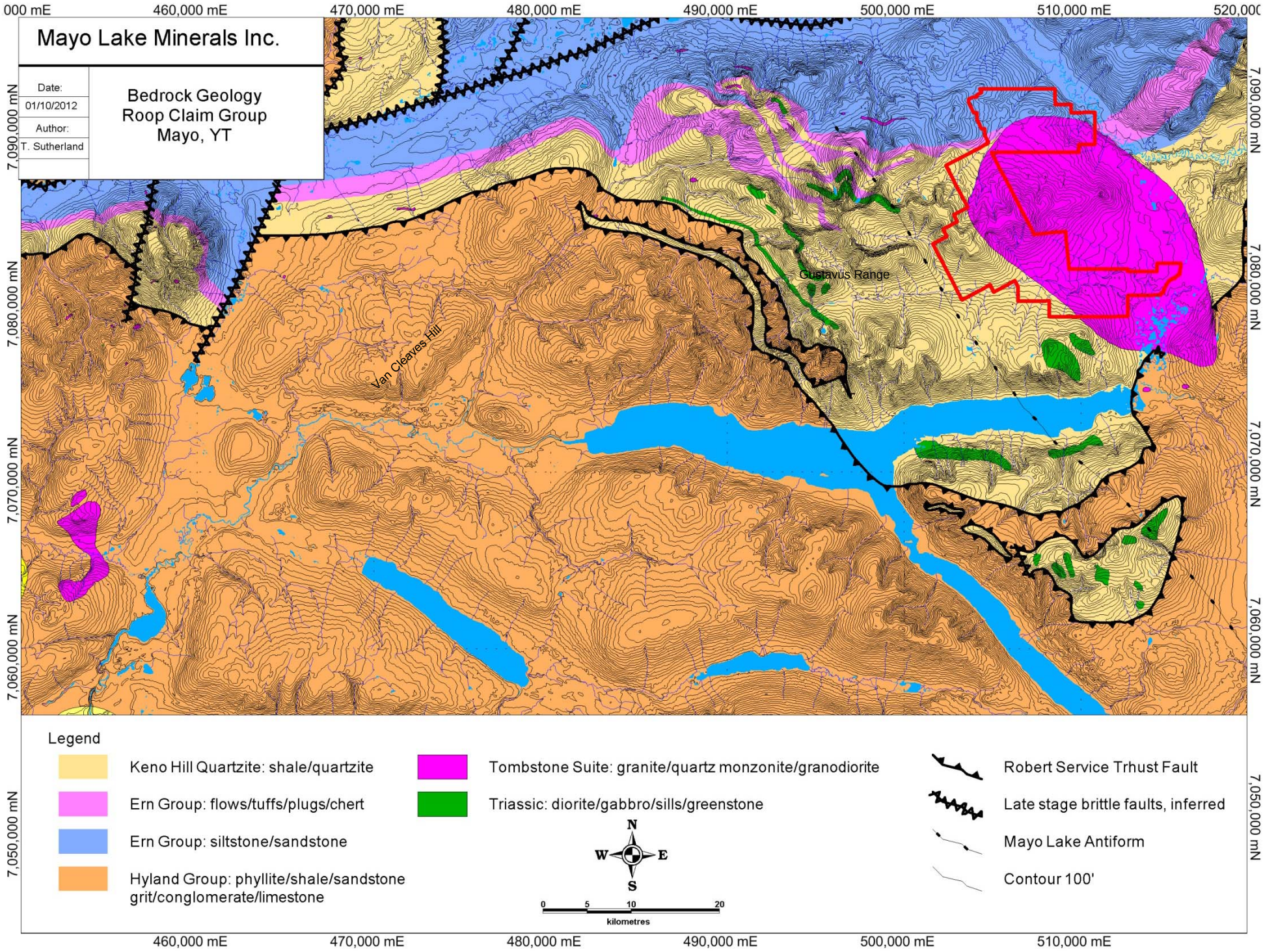


Figure 4: Regional Geology

The Keno Hill silver camp has produced over two hundred million ounces of silver since 1921. Productive veins occur in the KHQ 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° to 30° to the southwest.

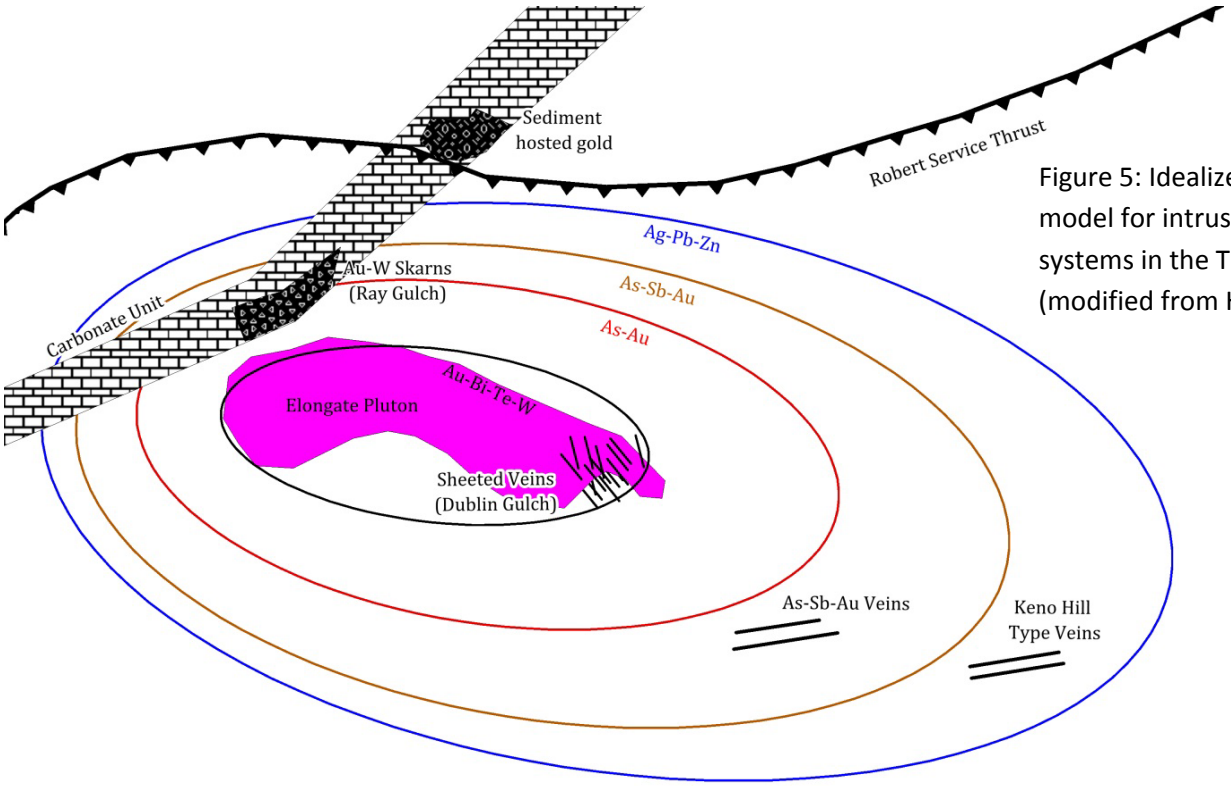


Figure 5: Idealized hydrothermal model for intrusion related gold systems in the Tintina Gold Belt (modified from Hart et. al 2002)

Two major gold occurrences are located within 50 km of the Property. Dublin Gulch is located in the RST sheet within Hyland Group metasedimentary rocks. Sheeted veins related to the Tombstone Plutonic Suite contain most of the gold at Dublin Gulch. The 160km Rau-Nadaleen Trend is a newly discovered belt of Carlin Type mineralization in carbonate sediments of the Bouvette Formation. The 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 at a grade of 0.67g/t.

Property Geology

The Property's geology is shown on Figure 6.The Property is underlain by KHQ and Ern Group sediments intruded by Triassic greenstones and the Cretaceous Roop Lakes Stock. A contact metamorphic aureole extends away from the stock up to 4km affecting most units underlying the property. The Mayo Lake Antiform is interpreted to to be parallel to the western edge of the Property.

Stratigraphy

The northern part of the Property overlies the Ern Group which consists of carbonaceous phyllite, siliceous carbonaceous metasiltstone, rare calcareous grey wacke and metaconglomerate; it is capped by a felsic metavolcanic unit (Murphy 1997, Roots 1997) and is also referred to as the Lower Schist by Boyle (1965) and Green (1971).

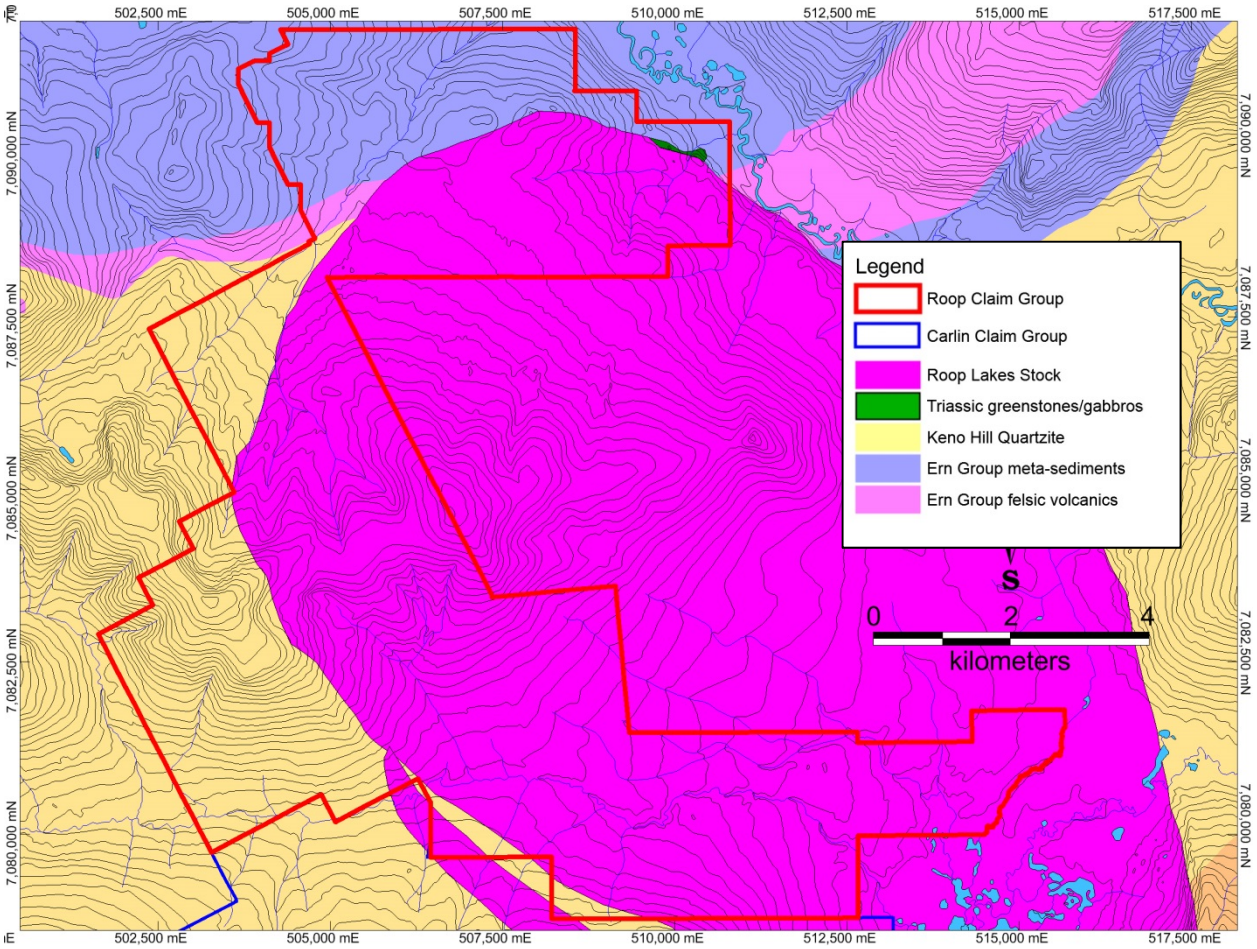


Figure 6: Property geology

Overlying the Ern Group and forming the footwall of the Robert Service Thrust is the KHQ, comprised of massive to well-foliated and lineated quartzite with lesser phyllitic quartzite, chloritic and carbonaceous phyllite and minor limestone and metavolcanic rocks (Green 1971). This is the primary unit exposed to the west and south of the Property

Intrusions

The Keno Hill area is intruded by Cretaceous age dykes, plugs and stocks of the Tombstone Plutonic Suite. The 100km^2 Roop Lakes Stock is the largest in the Keno Hill area and underlies the eastern part of the Property. Two areas near the center of the stock are porphyritic with alkali feldspar phenocrysts up to 2cm. The main body of the stock is composed of medium grained granodiorite and grades into quartz diorite around the periphery. The stock is ringed by a 100m wide zone of applite and pegmatite dykes.

Analysis of government aeromagnetics and the presence of two plugs of biotite quartz monzonite indicate that the pluton likely extends southeast at a relatively shallow level.

Triassic metadiorite greenstones are present at the northeast corner of the Property to the north of the Roop Lakes Stock. These greenstones are medium to coarse grained and weather in a blocky fashion. This small unit was foliated and contained abundant sulfides. The main mineral assemblage consists of amphibole, chlorite and plagioclase. Sills are common in the KHQ and Ern Group.

Structure

Deformation on the property is typical of that seen elsewhere in the Tombstone Strain zone, including a strong penetrative fabric, internal imbrication, isoclinal folding and possible low-angle (with respect to bedding) thrust faults. The trace of the Mayo Lake Antiform, which trends southeast, is west of the Property (Figure 4), and parallel to the long axis of the Roop Lakes Stock. Any relationship between the intrusion of the Roop Lakes Stock and Mayo Lake Antiform is speculative (Roots 1997). Within the KHQ small amplitude isoclinal folding is parallel to both; the long axis of the Roop Lakes Stock and the Mayo Lake Antiform. Consistent deformation and abundant small scale folding could be related to (i) the intrusion of the Roop Lakes Stock; (ii) the formation of the Mayo Lake Antiform and possible parasitic folds; (iii) or further manifestations of the Tombstone Strain Zone.

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 likely 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.

- Intrusion related 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 related to 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 south of the Property, (see also Previous Work). 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 nearby showing southeast of the Roop Lakes Stock.

Description of Work

Geophysical Interpretation

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 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 the claims 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 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 tag containing the sample number is attached.

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°C then screened for 100g at -80 mesh; rejects were discarded. Samples were then sent to Becquerel Laboratories Inc. in Mississauga, Ontario 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 would be collected or (ii) moss was collected and brushed out for captured sediments.

Samples were dried for up to a week before packaging for shipment 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°C then screened for 100g at -80 mesh; rejects were discarded. Samples were then sent to Becquerel Laboratories Inc. in Mississauga, Ontario 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 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 or historic geochemical data and noteworthy topographical features observed on air photos. During traverses, rock types, structural measurements and geological phenomena were recorded; and samples of potential mineralization were taken. 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, historical geochemical anomalies 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 on steep slopes, and abundant subcrop was visible on the apex of hills. 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

Thirteen outcrop samples were collected and analysed. Bedrock observed on the Property is Primarily KHQ and granodiorite from the Roop Lakes Stock with some Ern Group schists within the metamorphic aureole of the Roop Lakes Stock.

Along the north contact of the Roop Lakes Stock, at the tributary to the Keno-Ladue River east of McKim Creek, a unit is present containing massive sulfides yielding 6ppb and 9ppb Au, 0.2% Cu, anomalous Ca and Ni values and 445ppm Co, the highest Co value of MLM's 2012 program. The gabbro could alternatively be a skarnified para-amphibolite resulting from intense metamorphism during the intrusion of the Roop Lakes Stock. A vein near the gabbro-Roop Lakes Stock contact yielded 1.06% Ba, the highest Ba result from MLM's entire program. This creek was also anomalous for gold from Operation Keno (Figure 3, Gleeson 1965).

Highlands of the Gustavus Range are generally clear whereas slopes were generally well drained and forested (preventing helicopters from landing except where pads had previously been cleared). Valley floors were poorly drained and boggy or covered with hummocky till.

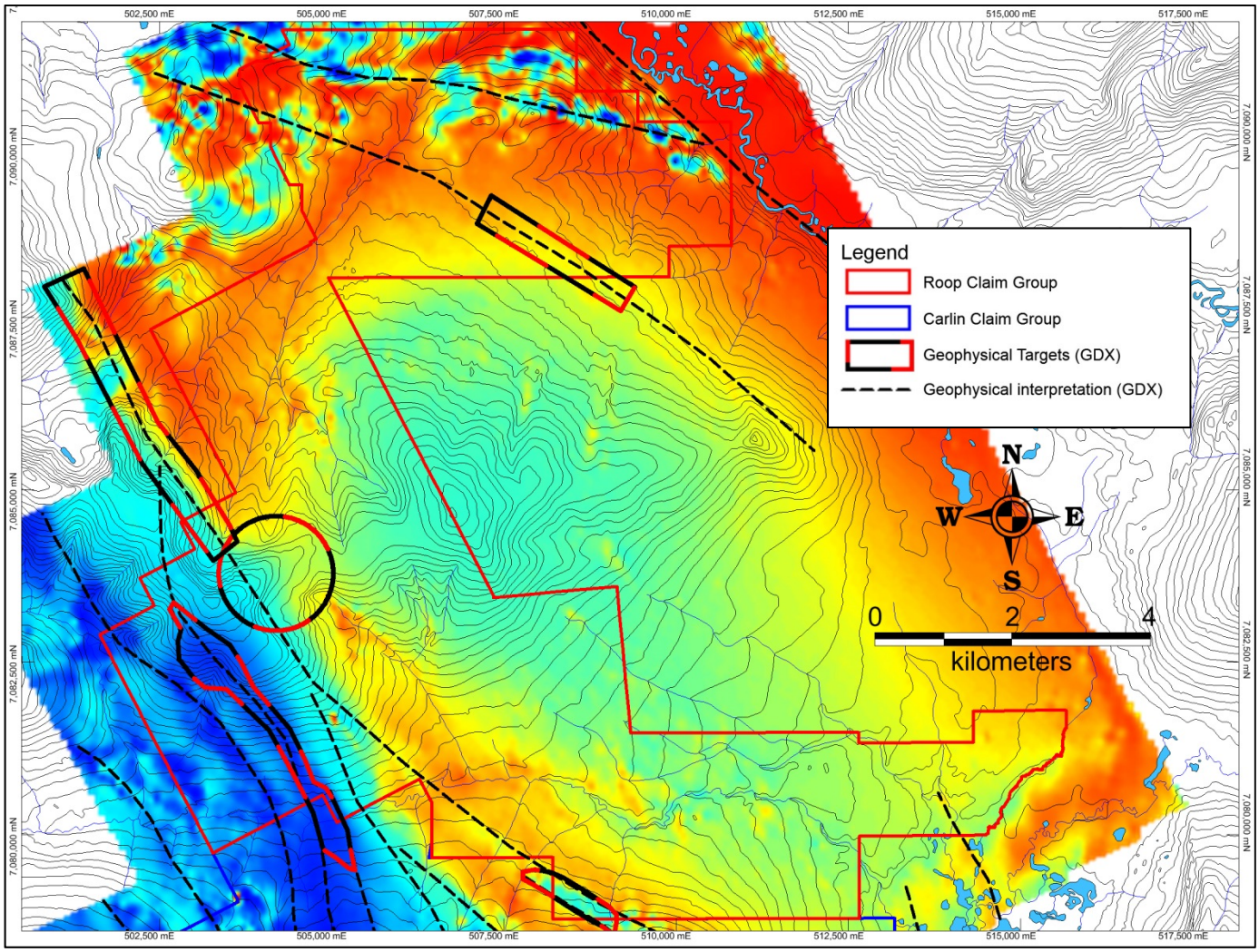


Figure 7: Geophysical interpretation produced by GDX on total magnetic intensity plot

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 Roop 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).

The magnetic high east of the Property corresponds to the Roop Lakes Stock. The intermediate magnetic intensity around the stock in in the total magnetic intensity plots (Figure 7 and 8) likely corresponds to the metamorphic aureole surrounding the stock. The magnetic low southwest of the stock trending southeast corresponds to ground underlain by KHQ. Low northwest trending magnetic features within this low are likely volcanic beds within the KHQ.

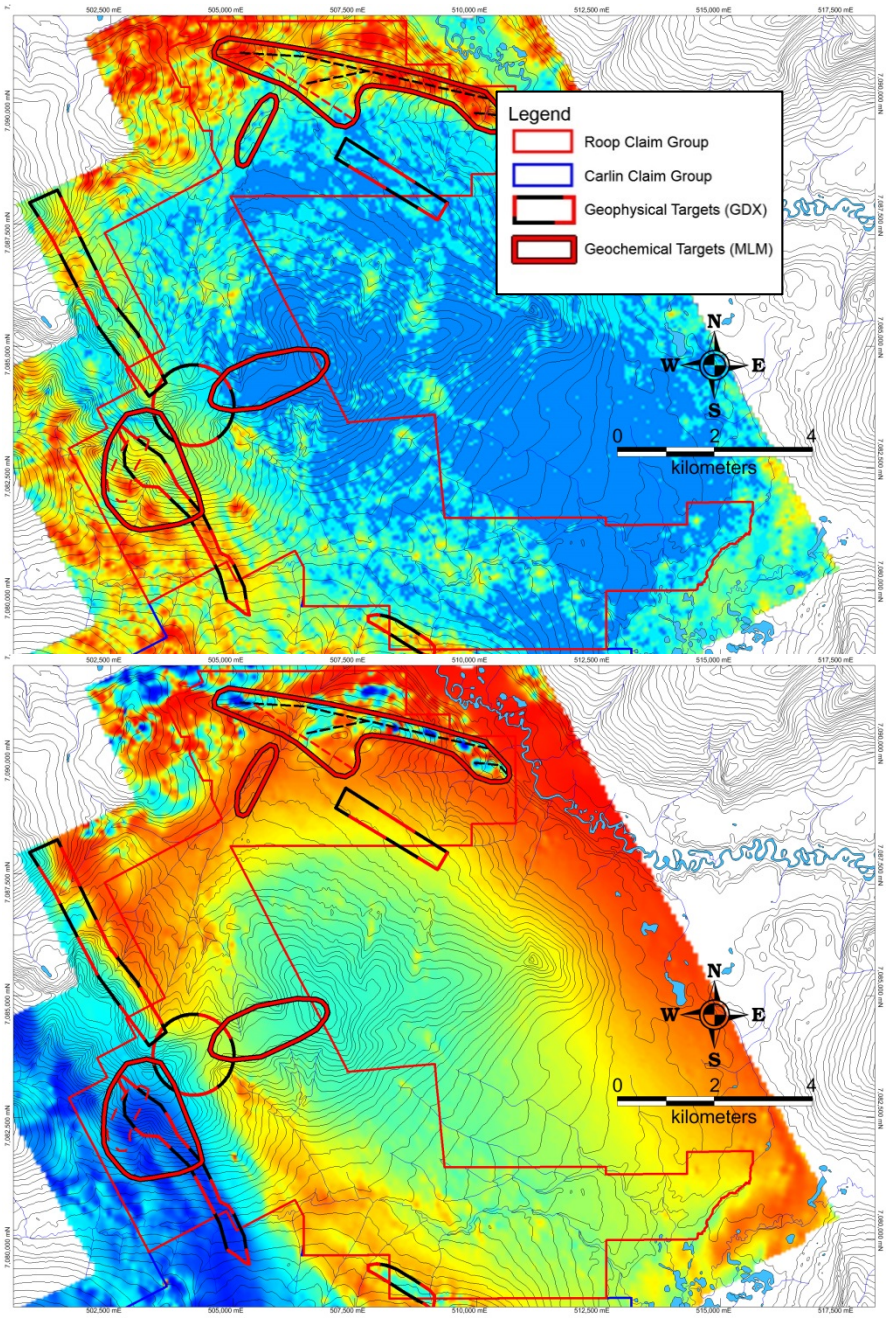


Figure 8: Geochemical Targets on total magnetic intensity (top) and analytic signal (bottom)

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 (Appendix B).

Geochemical Results and interpretations

Two hundred ninety three soil samples were collected along eleven transects and fourteen silt samples were collected. This sampling crossed most geophysical lineaments on the property as well as prospective source areas above streams that contained placer operations and stream sediment anomalies collected during previous governmental sampling programs. Soil samples within the valley containing Granite Creek generally yielded low results for most elements. This is likely the result of glacial overburden masking bedrock signatures.

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 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 future geochemical targets ("G.T.") have been established based on MLM data (Figures 8 and 9).

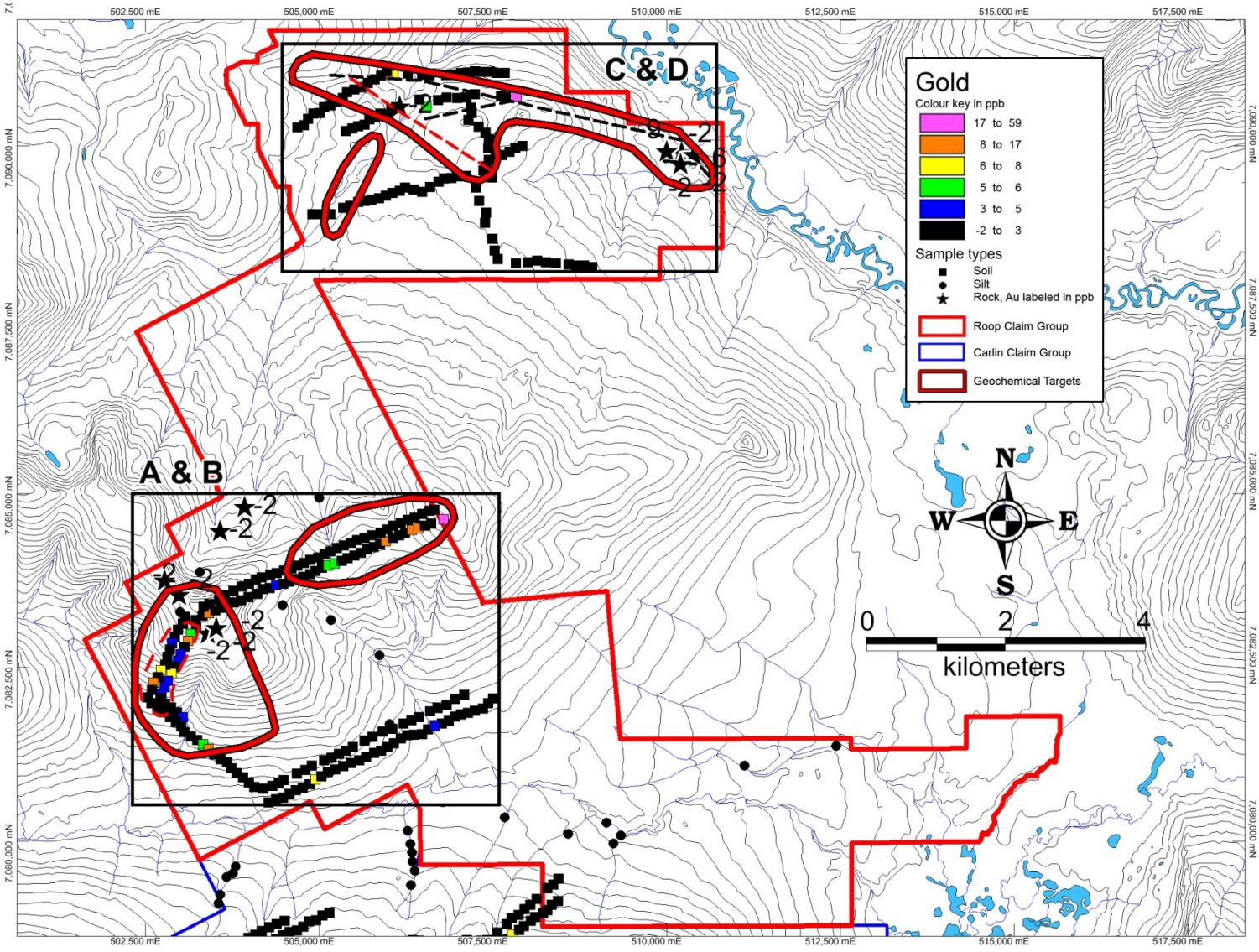


Figure 9: Gold plot showing locations of G.Ts; inset maps are located on the following Figures

A and B	Figure 10 (page 19)
C and D	Figure 11 (page 20)

G.T.A is located at on the western part of the Property. This G.T contains anomalous values for As, Au, Br, Cr and Sb and contains scattered Na and W values. This G.T is includes a magnetic low that was one of the targets designated by GDX. An outcrop sampled on the periphery of G.T.A is composed of a quartz stockwork in a carbonate rich unit; this sample did not yield anomalous results but it is likely a related to a larger system of veins and alteration centered at A-1 on Figure 10. This G.T. is on trend and within the same magnetic low as a Geochemical Target on the Carlin Claim Group south of Granite Creek.

G.T.B is located at the head of McKim Creek. This G.T is located within the Roop Lakes Stock in an area that has a "washed out" magnetic signature. This G.T contains anomalous values for As, Au, Co, Fe, Na, Sb, and Sc and has elevated values for Th and U.

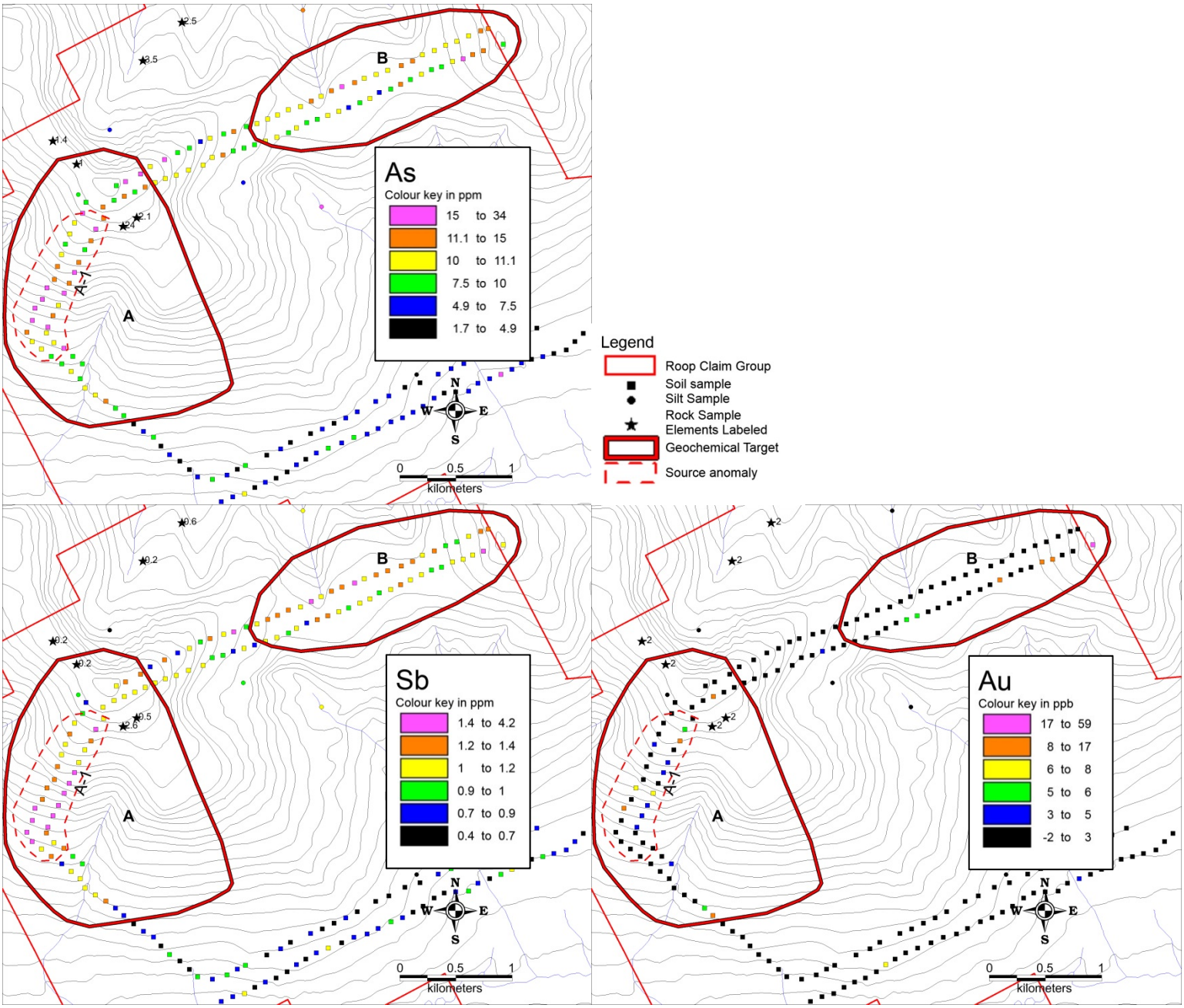
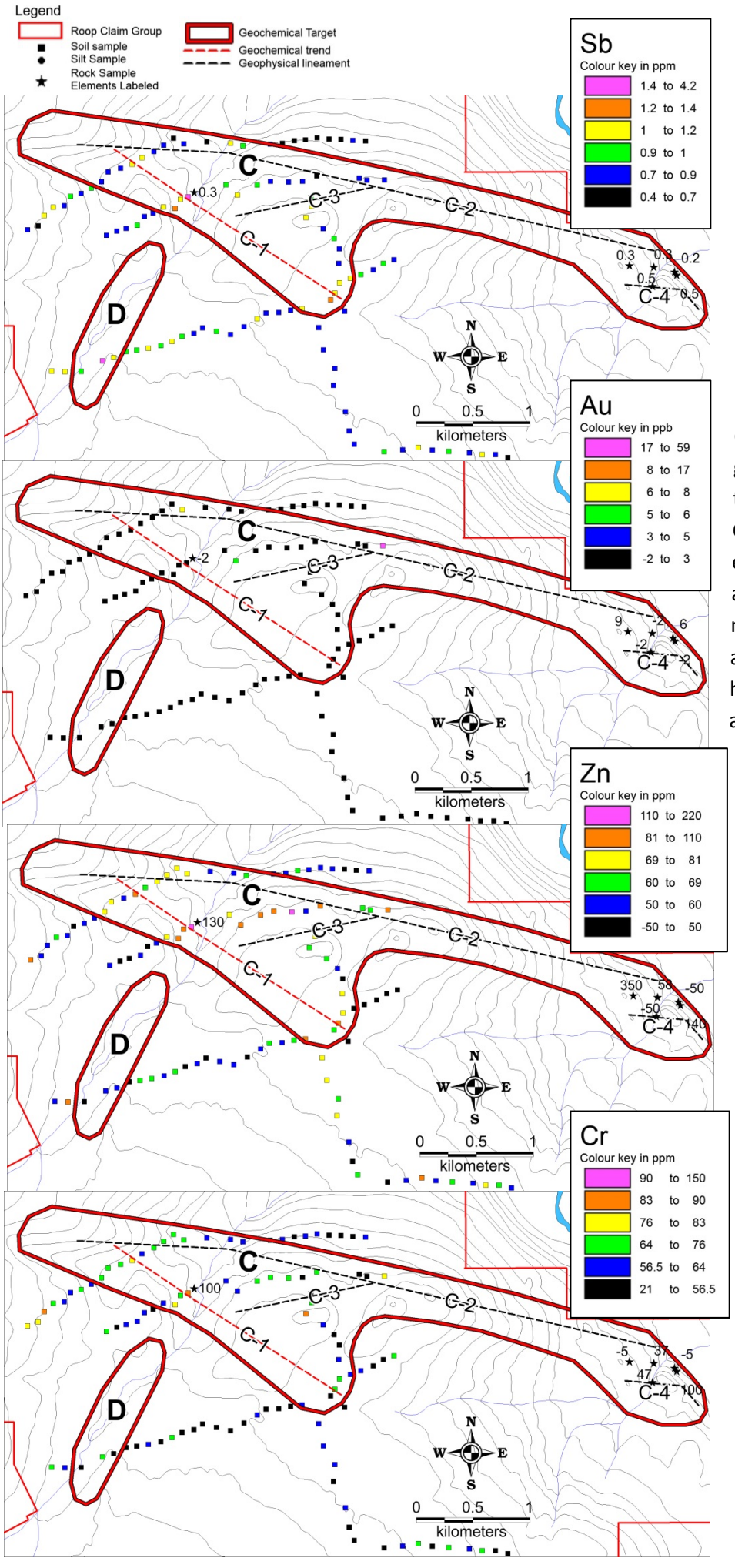


Figure 10: Geochemical plots of As, Au and Sb showing topography and location of G.Ts



G.T.C is located at the north edge of the Property on the highlands above the Keno-Ladue River. It contains elevated values of Sb, Au, Zn, Cr. Sb values within this anomaly delineate a trend marked, C-2 on Figure 11, which is elevated for several other elements as well. A zone of above average values for all elements exists where the geochemical trend C-1 intersects two geophysical lineaments, marked C-2 and C-3 on Figure 11, The eastern part of this G.T. extends along the geophysical lineament marked C-2 on Figure 11; outcrops at the eastern end of this lineament had abundant disseminated pyrite and zones of massive sulfides. Outcrop above the creek between C-2 and C-4 contained strongly mineralized veins, one of which was 2m wide. Samples taken from these outcrops were anomalous for Fe, S, Zn, Co, Cr, Ni and Au. Prospecting and rock sampling in this area was limited due to shortage of time.

G.T.D is located along McKim Creek and contains anomalous values for As, Sb, Fe and REEs. This G.T is coincident with a magnetic high along the edge of the Roop Lakes Stock and is likely related to felsic dykes within the metamorphic aureole of the Roop Lakes Stock.

Figure 11: Geochemical plots of Sb, Au, Zn and Cr showing topography and G.T.C. and G.T.D

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 while 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 prospects represent a broad range of depositional environments.

Several features make deposits in the Tintina Gold Belt desirable exploration and mining targets. The deposits 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 is 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, an orogenic vein deposit, contains approximately 4 million ounces gold at a grade of 16 g/t.

Roop Property

The Property is most likely to host deposits related to the Roop Lakes Stock. Mineralization would be late peripheral silver-lead-zinc veins (Keno Hill Type), or steeply dipping sheeted gold veins and stockworks (Reduced Intrusion Related Gold) within both intrusive and metasedimentary host rocks. Carbonate horizons may react with mineralizing fluids and host either gold-arsenic-copper-bismuth-tungsten skarn or Carlin-type mineralization. The high quality aeromagnetics discussed in this report have outlined structural and alteration targets, which in combination with the location of placer deposits, can guide further exploration for gold and silver deposits.

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 large magnetic high marking the Roop Lakes Stock is unlikely to host mineralization. However the complex magnetic lineaments around the edge of the Roop Lakes Stock likely correspond to a zone of intense deformation and metamorphism due to the intrusion of the stock and could easily hide structurally controlled gold mineralization. West of the stock the magnetic low is composed of the KHQ with small beds of mafic volcanics imparting the weak magnetic highs visible in Figure 7 and 8.

G.T.A is likely related to veins and or alteration focused along fractures or spaces develop within the hinge of a folded unit delineated by geophysics. The unit delineated by this magnetic low is potentially mineralized several kilometers to the south within the Carlin Property, also owned by MLM. This gives a large size potential for any mineralization.

G.T.B is primarily within the Roop Lakes Stock and may be the result of sheeted veining potentially hosting gold mineralization indicated by abundant anomalous gold results. Some alteration related to the mineralization is suggested by the geophysical data. The small number of soil samples above the

Roop Lakes Stock makes the delineation of the extent of the geochemical anomalies and interpretation of geochemical results tentative.

G.T.C is located within the intensely deformed and metamorphosed aureole of the Roop Lakes Stock as interpreted from the geophysical data. This area was staked based on a significant heavy mineral value for gold (1,550 ppb). Massive sulfides observed at the east end likely follow the edge of the stock to McKim Creek and could host economic mineralization anywhere along this length. If the massive sulfides within the gabbro unit are magmatic, this mineralization represents a new deposit type within the Keno Hill District.

Recommended Future Exploration

Due to the ambiguity related to results from reconnaissance soil surveying and the difficulties of interpreting geophysical data without good ground controls, 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.

Mapping activities should be focused on the massive sulfides to determine the Keno Hill Districts' potential to host magmatic sulfide deposits and samples should be analysed for PGE's.

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 and these focused grids would be sent for independent assay or used to delineate trenching targets directly. Screening of the complete edges of the Roop Lakes Stock and KHQ 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.

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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 Roop 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 Roop 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

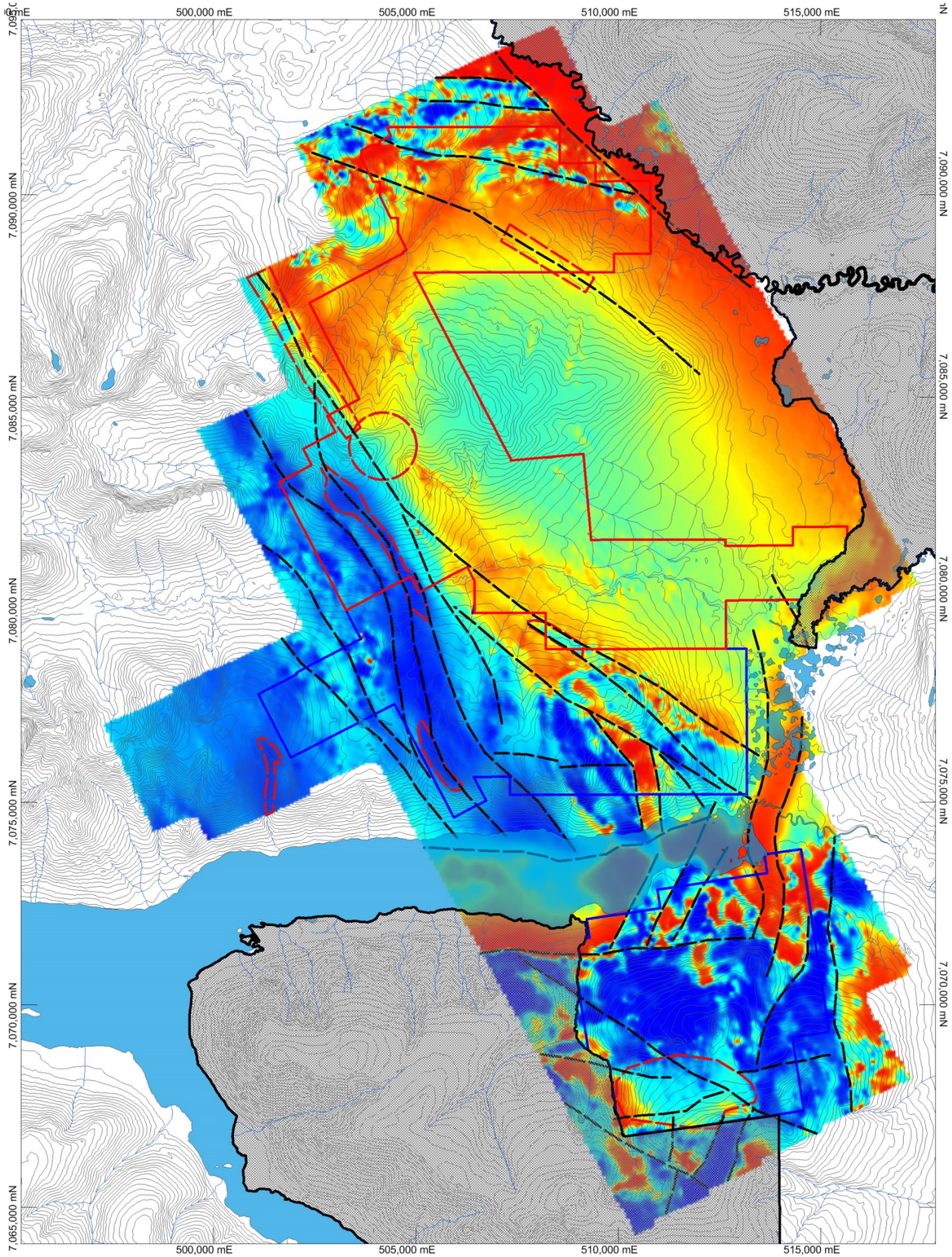


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Tyrell Brodie Sutherland

Appendix B

Geophysical Data



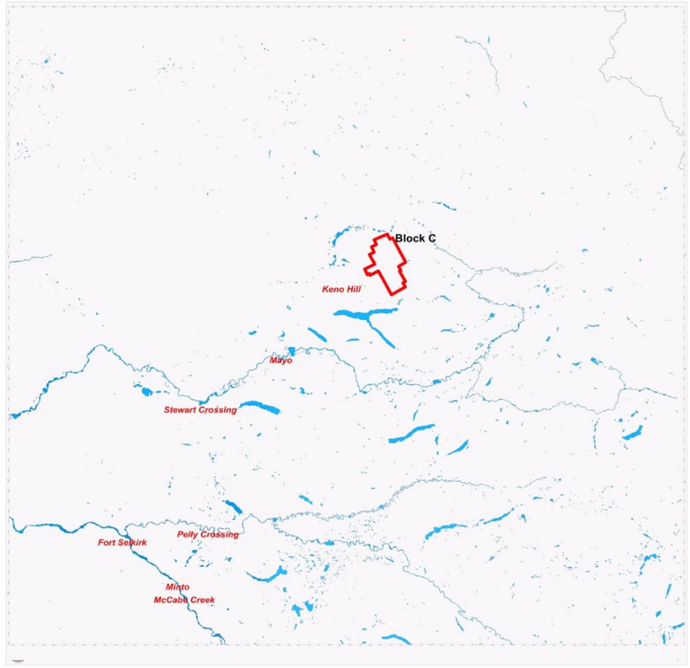
Mayo Lake Minerals Inc.

- Roop Claim Group
- Claim Groups Owned by MLM
- GDX Inc. Target Areas
- GDX Inc. Structural Interpretation

LEGEND

Map Projection:

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



Survey Dates:	March 05, 2012 to March 13, 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 C:	
Survey Line Spacing:	150 meters
Survey Line Direction:	066°-246°
Tie Line Spacing:	1500 meters
Tie Line Direction:	156°-336°

AIRBORNE SYSTEMS:

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Sensitivity:	0.01 nT

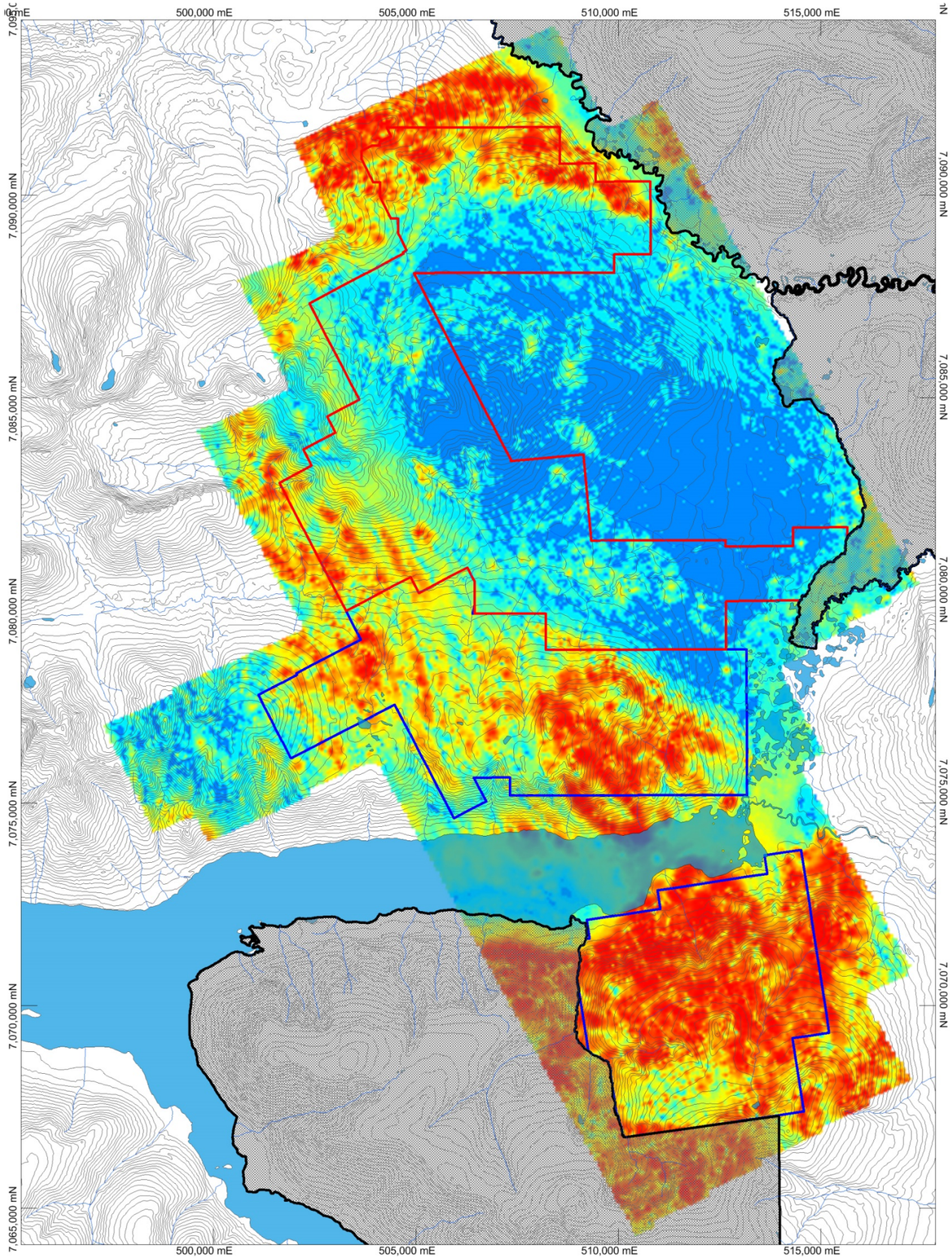
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Mayo Lake Minerals Inc.

Total Magnetic Intensity with GDX Inc. Geophysics Interpretation and Target Areas

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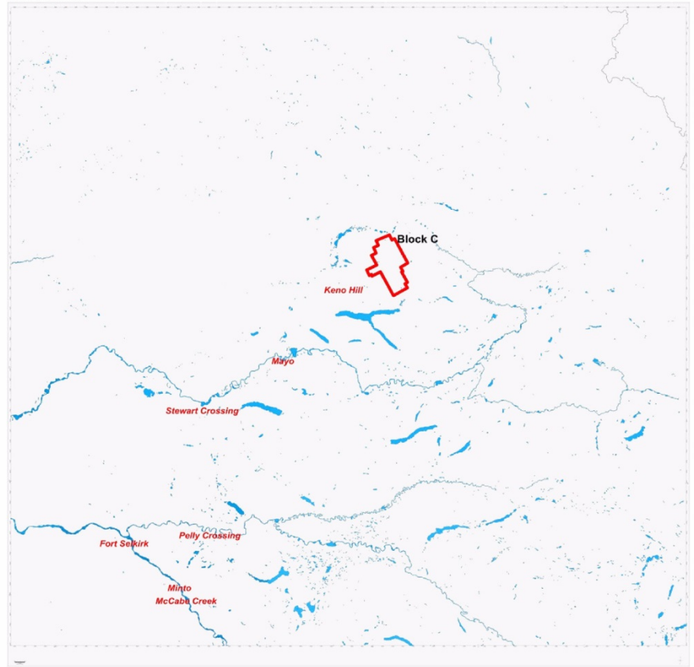
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- GDX Inc. Target Areas
- GDX Inc. Structural Interpretation

LEGEND

Map Projection:

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



Survey Dates:	March 05, 2012 to March 13, 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 C:

Survey Line Spacing:	150 meters
Survey Line Direction:	066°-246°
Tie Line Spacing:	1500 meters
Tie Line Direction:	156°-336°

AIRBORNE SYSTEMS:

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

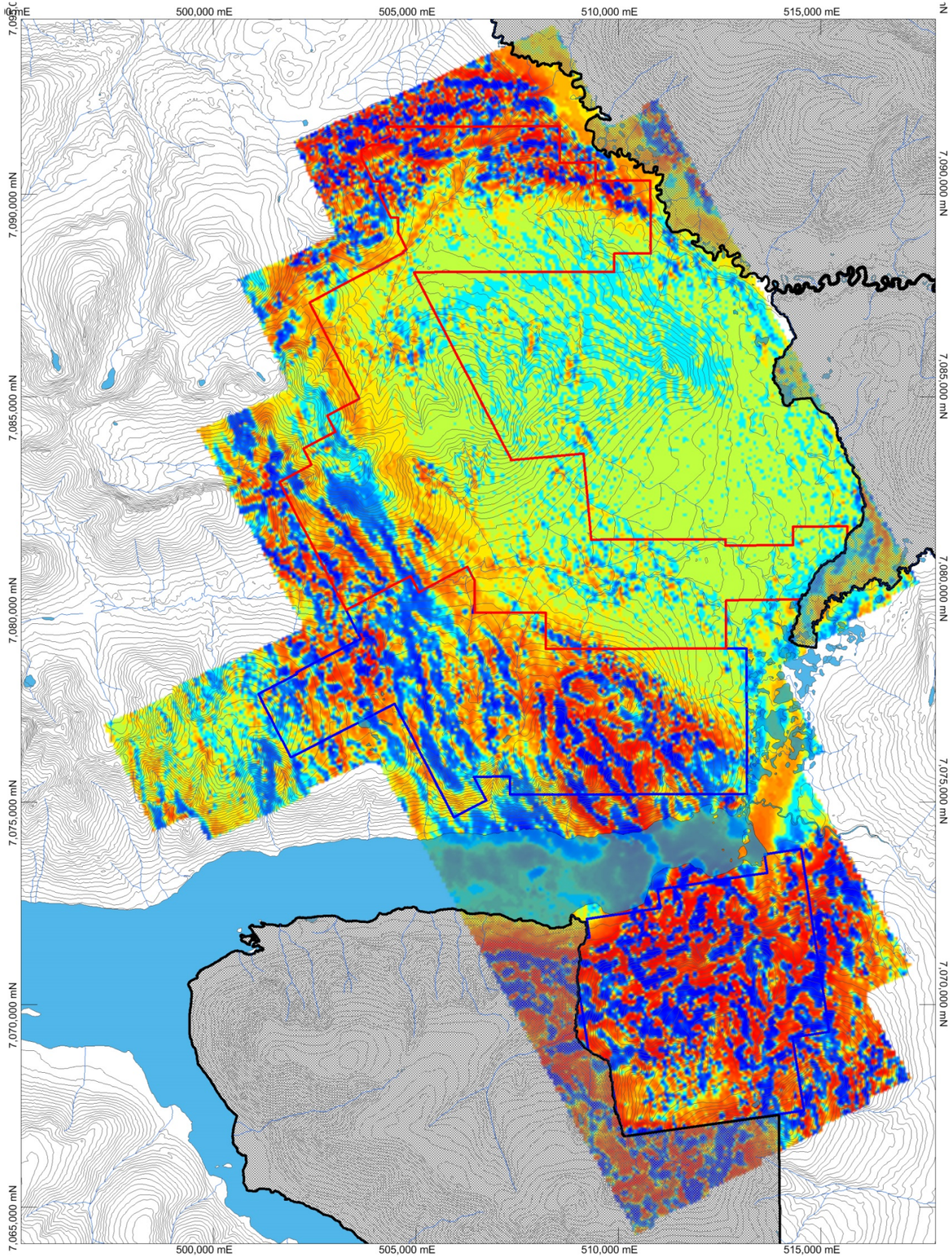
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Mayo Lake Minerals Inc.

Analytic Signal

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metres

Scale 1:70,000



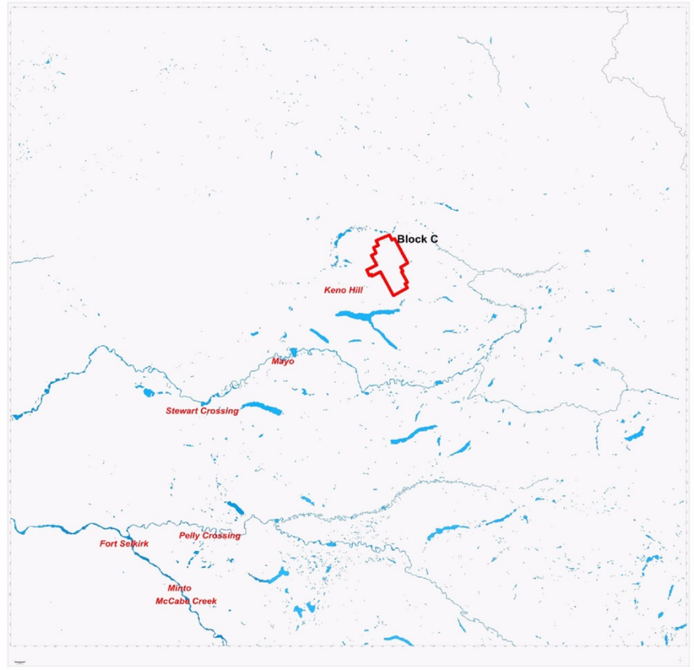
Mayo Lake Minerals Inc.

- Roop Claim Group
- Claim Groups Owned by MLM
- GDX Inc. Target Areas
- GDX Inc. Structural Interpretation

LEGEND

Map Projection:

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



Survey Dates:	March 05, 2012 to March 13, 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 C:

Survey Line Spacing:	150 meters
Survey Line Direction:	066°-246°
Tie Line Spacing:	1500 meters
Tie Line Direction:	156°-336°

AIRBORNE SYSTEMS:

Scintrex CS-3 Magnetometer Sensor

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

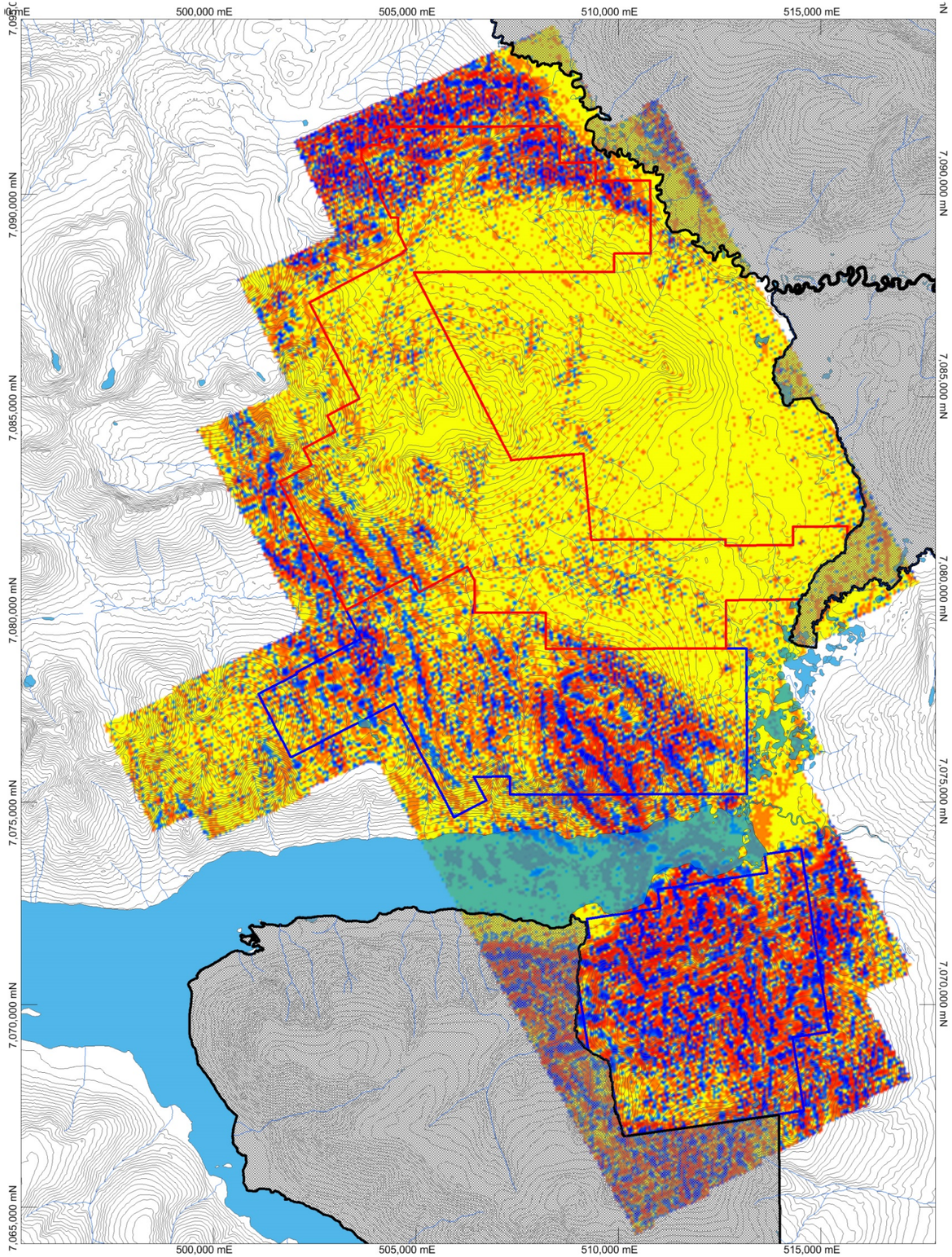
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Mayo Lake Minerals Inc.

First Vertical Derivative

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Scale 1:70,000



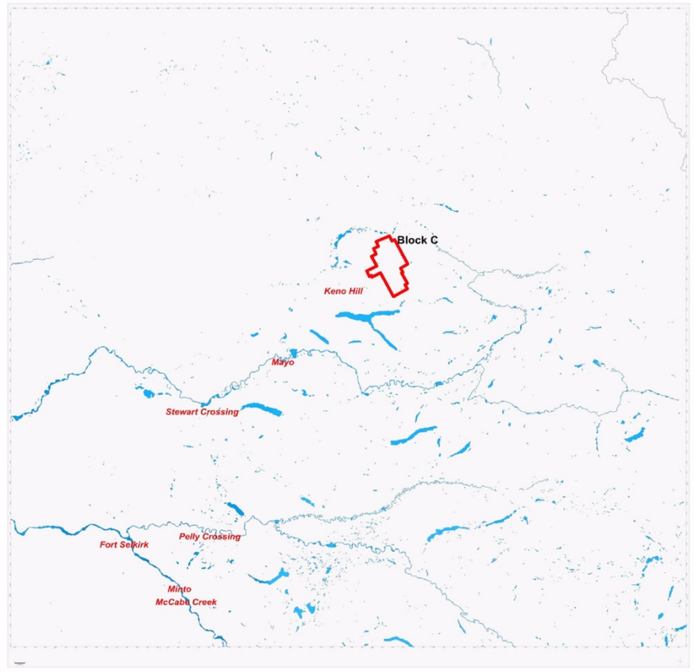
Mayo Lake Minerals Inc.

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- Claim Groups Owned by MLM
- GDX Inc. Target Areas
- GDX Inc. Structural Interpretation

LEGEND

Map Projection:

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



Survey Dates:	March 05, 2012 to March 13, 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 C:	
Survey Line Spacing:	150 meters
Survey Line Direction:	066°-246°
Tie Line Spacing:	1500 meters
Tie Line Direction:	156°-336°

AIRBORNE SYSTEMS:

Scintrex CS-3 Magnetometer Sensor

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

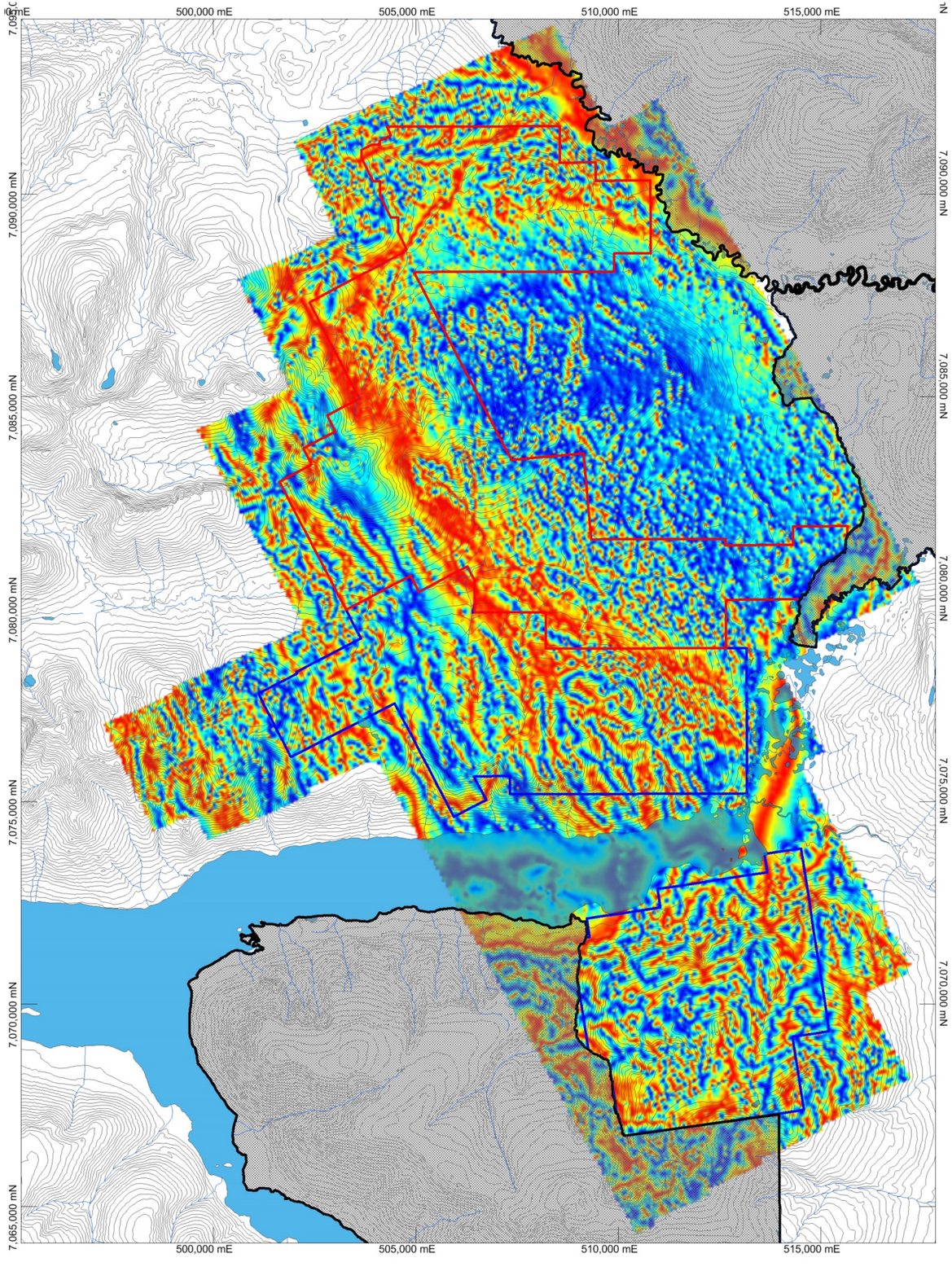
N

Mayo Lake Minerals Inc.

Second Vertical Derivative

0 500 1,000 metres

Scale 1:70,000



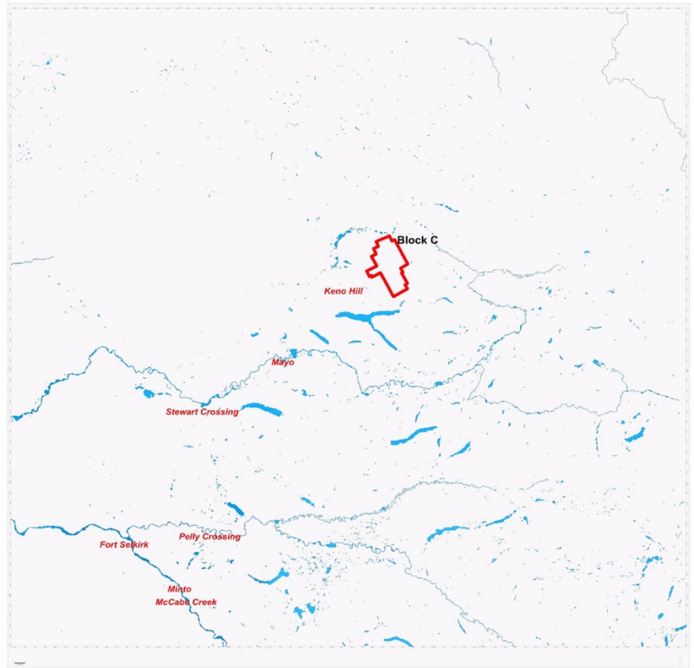
Mayo Lake Minerals Inc.

- Roop Claim Group
- Claim Groups Owned by MLM
- GDX Inc. Target Areas
- GDX Inc. Structural Interpretation

LEGEND

Map Projection:

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



Survey Dates:	March 05, 2012 to March 13, 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 C:

Survey Line Spacing:	150 meters
Survey Line Direction:	066°-246°
Tie Line Spacing:	1500 meters
Tie Line Direction:	156°-336°

AIRBORNE SYSTEMS:

Scintrex CS-3 Magnetometer Sensor

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

N

Mayo Lake Minerals Inc.

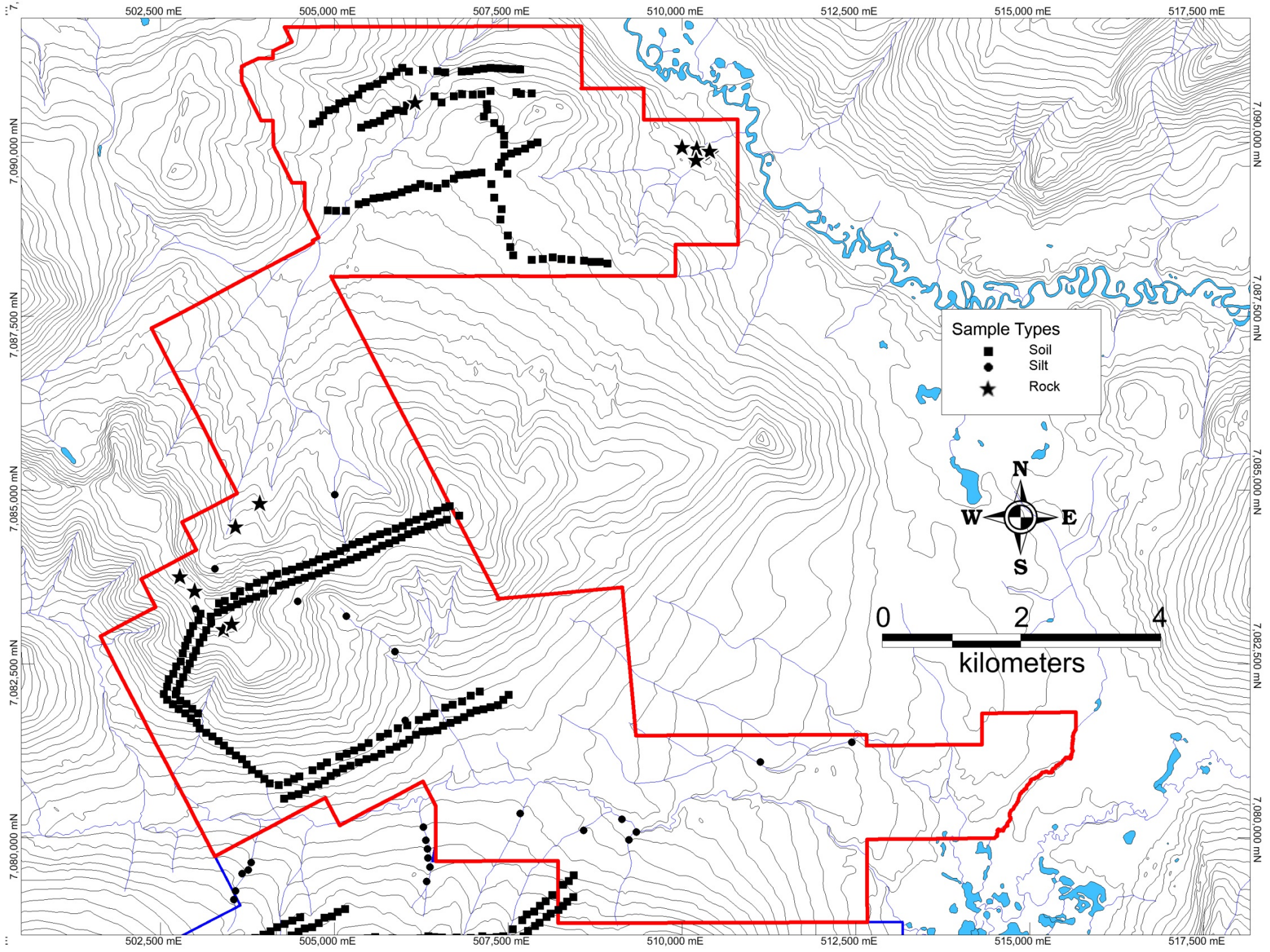
Tilt Derivative

0 500 1,000 metres

Scale 1:70,000

Appendix C

Sample Collection Data


502,500 mE
505,000 mE
507,500 mE
510,000 mE
512,500 mE
515,000 mE
517,500 mE
7,090,000 mN
7,087,500 mN
7,085,000 mN
7,082,500 mN
7,080,000 mN
Sample Types
Soil
Silt
Rock
N
W
E
S
0
2
4
kilometers

Sample ID	Sample Type	Sampler	Long_Dec	Lat_Dec	Elevation	Easting	Northing	Datum
126625	Soil	JamesSullivan	-134.934	63.8759	1794	503221.5	7083185	WGS84_8V
126626	Soil	JamesSullivan	-134.932	63.8764	1799	503318.9	7083244	WGS84_8V
126627	Soil	JamesSullivan	-134.931	63.8767	1790.9	503412.3	7083280	WGS84_8V
126628	Soil	JamesSullivan	-134.929	63.8771	1784.6	503505.8	7083319	WGS84_8V
126629	Soil	JamesSullivan	-134.927	63.8775	1773.3	503597.3	7083362	WGS84_8V
126630	Soil	JamesSullivan	-134.925	63.8778	1755.9	503684.4	7083401	WGS84_8V
126631	Soil	JamesSullivan	-134.923	63.8782	1724.2	503775.6	7083439	WGS84_8V
126632	Soil	JamesSullivan	-134.921	63.8784	1693.3	503874.1	7083467	WGS84_8V
126633	Soil	JamesSullivan	-134.919	63.8788	1654	503983.8	7083511	WGS84_8V
126634	Soil	JamesSullivan	-134.916	63.8792	1605.7	504112.7	7083558	WGS84_8V
126635	Soil	JamesSullivan	-134.915	63.8798	1578.1	504195.7	7083625	WGS84_8V
126636	Soil	JamesSullivan	-134.913	63.88	1549.5	504290.4	7083646	WGS84_8V
126637	Soil	JamesSullivan	-134.911	63.8803	1527.2	504382.4	7083682	WGS84_8V
126638	Soil	JamesSullivan	-134.909	63.8806	1516.9	504478	7083709	WGS84_8V
126639	Soil	JamesSullivan	-134.907	63.8808	1512.2	504571.6	7083739	WGS84_8V
126640	Soil Duplicate	JamesSullivan	-134.907	63.8808	1512.2	504571.6	7083739	WGS84_8V
126641	Soil	JamesSullivan	-134.905	63.8811	1507.8	504671.5	7083770	WGS84_8V
126642	Soil	JamesSullivan	-134.903	63.8814	1507.5	504770.4	7083805	WGS84_8V
126643	Soil	JamesSullivan	-134.901	63.8818	1502.5	504874.9	7083846	WGS84_8V
126644	Soil	JamesSullivan	-134.899	63.8822	1503	504946.3	7083889	WGS84_8V
126645	Soil	JamesSullivan	-134.897	63.8826	1510.9	505038.1	7083936	WGS84_8V
126646	Soil	JamesSullivan	-134.896	63.8829	1506.7	505132.4	7083964	WGS84_8V
126647	Soil	JamesSullivan	-134.894	63.8832	1506.6	505225.8	7084000	WGS84_8V
126648	Soil	JamesSullivan	-134.892	63.8835	1510.2	505322.8	7084036	WGS84_8V
126649	Soil	JamesSullivan	-134.89	63.8838	1513.8	505410.3	7084069	WGS84_8V
126650	Soil	JamesSullivan	-134.888	63.8842	1516.8	505511.1	7084112	WGS84_8V
126651	Soil	JamesSullivan	-134.886	63.8845	1523.7	505601.7	7084152	WGS84_8V
126652	Soil	JamesSullivan	-134.884	63.885	1521.6	505685.2	7084204	WGS84_8V
126653	Soil	JamesSullivan	-134.882	63.8853	1518.3	505786.4	7084234	WGS84_8V
126654	Soil	JamesSullivan	-134.88	63.8856	1515	505874.7	7084277	WGS84_8V
126655	Soil	JamesSullivan	-134.879	63.886	1511.8	505962.8	7084319	WGS84_8V
126656	Soil	JamesSullivan	-134.877	63.8864	1510.3	506059.8	7084366	WGS84_8V
126657	Soil	JamesSullivan	-134.875	63.8868	1517.6	506150.7	7084406	WGS84_8V
126658	Soil	JamesSullivan	-134.873	63.887	1524.9	506239.4	7084433	WGS84_8V
126659	Soil	JamesSullivan	-134.871	63.8875	1538	506337.8	7084480	WGS84_8V
126660	Soil	JamesSullivan	-134.869	63.8877	1552.6	506431	7084503	WGS84_8V
126661	Soil	JamesSullivan	-134.867	63.888	1578.3	506516.9	7084542	WGS84_8V
126662	Soil	JamesSullivan	-134.865	63.8883	1590.8	506613.9	7084575	WGS84_8V
126663	Soil	JamesSullivan	-134.862	63.8888	1667	506790	7084632	WGS84_8V
126694	Soil	JamesSullivan	-134.833	63.8379	1108.9	508218.8	7078964	WGS84_8V
126695	Soil	JamesSullivan	-134.832	63.8384	1106.8	508286	7079015	WGS84_8V
126696	Soil	JamesSullivan	-134.83	63.839	1096.1	508346.2	7079086	WGS84_8V
126697	Soil	JamesSullivan	-134.829	63.8396	1080.5	508434.2	7079147	WGS84_8V
126922	Soil	JamesSullivan	-134.818	63.9213	1008.6	508924.7	7088261	WGS84_8V
126923	Soil	JamesSullivan	-134.82	63.9216	1014	508815	7088286	WGS84_8V
126924	Soil	JamesSullivan	-134.823	63.9216	1022.6	508698	7088286	WGS84_8V
126925	Soil	JamesSullivan	-134.825	63.9217	1027.6	508587.6	7088301	WGS84_8V
126926	Soil	JamesSullivan	-134.829	63.9218	1042.3	508405.1	7088315	WGS84_8V
126927	Soil	JamesSullivan	-134.832	63.9219	1047.9	508258.9	7088326	WGS84_8V
126928	Soil	JamesSullivan	-134.834	63.9221	1051.9	508134.7	7088349	WGS84_8V
126929	Soil	JamesSullivan	-134.837	63.9219	1056.6	507996.9	7088327	WGS84_8V

Sample ID	Sample Type	Sampler	Long_Dec	Lat_Dec	Elevation	Easting	Northing	Datum
126930	Soil	JamesSullivan	-134.84	63.9218	1059.9	507834.2	7088310	WGS84_8V
126931	Soil	JamesSullivan	-134.846	63.9224	1070.2	507569.7	7088376	WGS84_8V
126932	Soil	JamesSullivan	-134.847	63.9235	1061.6	507524.6	7088495	WGS84_8V
126933	Soil	JamesSullivan	-134.847	63.925	1050.2	507492.7	7088665	WGS84_8V
126934	Soil	JamesSullivan	-134.849	63.9271	1043	507386.9	7088896	WGS84_8V
126935	Soil	JamesSullivan	-134.849	63.9284	1035	507400.1	7089044	WGS84_8V
126936	Soil	JamesSullivan	-134.851	63.9299	1035.5	507298.5	7089207	WGS84_8V
126937	Soil	JamesSullivan	-134.852	63.9316	1036.3	507257.1	7089405	WGS84_8V
126938	Soil	JamesSullivan	-134.847	63.9329	1029	507485.4	7089550	WGS84_8V
126939	Soil	JamesSullivan	-134.849	63.9344	1030.8	507399.8	7089709	WGS84_8V
126940	Soil Duplicate	JamesSullivan	-134.849	63.9344	1030.8	507399.8	7089709	WGS84_8V
126941	Soil	JamesSullivan	-134.848	63.9367	1032.7	507435.7	7089969	WGS84_8V
126942	Soil	JamesSullivan	-134.848	63.9379	1044.1	507438.2	7090098	WGS84_8V
126943	Soil	JamesSullivan	-134.849	63.9387	1051.1	507392.5	7090190	WGS84_8V
126944	Soil	JamesSullivan	-134.851	63.9395	1066.9	507297.4	7090277	WGS84_8V
126945	Soil	JamesSullivan	-134.854	63.9404	1075.7	507146	7090376	WGS84_8V
126946	Soil	JamesSullivan	-134.853	63.9412	1073.8	507195.3	7090473	WGS84_8V
126947	Soil	JamesSullivan	-134.853	63.9419	1070.3	507189.6	7090552	WGS84_8V
128223	Soil	HugoGirard	-134.934	63.875	1765.2	503228.1	7083083	WGS84_8V
128224	Soil	HugoGirard	-134.936	63.8741	1729.1	503157.1	7082988	WGS84_8V
128225	Soil	HugoGirard	-134.937	63.8732	1695.5	503114.2	7082884	WGS84_8V
128226	Soil	HugoGirard	-134.938	63.8725	1677	503059.4	7082804	WGS84_8V
128227	Soil	HugoGirard	-134.939	63.8714	1642.1	503006.3	7082691	WGS84_8V
128228	Soil	HugoGirard	-134.94	63.8707	1612.3	502966.8	7082602	WGS84_8V
128229	Soil	HugoGirard	-134.941	63.8698	1581.3	502920.2	7082505	WGS84_8V
128230	Soil	HugoGirard	-134.941	63.869	1530.1	502876.3	7082418	WGS84_8V
128231	Soil	HugoGirard	-134.943	63.868	1466.9	502823.6	7082309	WGS84_8V
128232	Soil	HugoGirard	-134.944	63.8672	1431.5	502775.1	7082217	WGS84_8V
128233	Soil	HugoGirard	-134.944	63.8663	1396.1	502731.2	7082115	WGS84_8V
128234	Soil	HugoGirard	-134.945	63.8658	1379.1	502718.4	7082064	WGS84_8V
128235	Soil	HugoGirard	-134.943	63.865	1358.6	502784.3	7081976	WGS84_8V
128236	Soil	HugoGirard	-134.942	63.8646	1347.6	502873.5	7081926	WGS84_8V
128237	Soil	HugoGirard	-134.94	63.8639	1328.9	502953.1	7081854	WGS84_8V
128238	Soil	HugoGirard	-134.938	63.8633	1309	503038	7081788	WGS84_8V
128358	Soil	HugoGirard	-134.915	63.8541	1097.2	504197.7	7080759	WGS84_8V
128359	Soil	HugoGirard	-134.912	63.8544	1107.1	504326.7	7080798	WGS84_8V
128360	Soil	HugoGirard	-134.91	63.8549	1121.5	504418.5	7080849	WGS84_8V
128361	Soil	HugoGirard	-134.909	63.8552	1133	504491.2	7080882	WGS84_8V
128362	Soil	HugoGirard	-134.905	63.856	1153.9	504680.5	7080975	WGS84_8V
128363	Soil	HugoGirard	-134.902	63.8565	1167.6	504804.2	7081031	WGS84_8V
128364	Soil	HugoGirard	-134.9	63.857	1173.3	504892.4	7081087	WGS84_8V
128365	Soil	HugoGirard	-134.897	63.8578	1180.5	505071.4	7081168	WGS84_8V
128366	Soil	HugoGirard	-134.895	63.8581	1179.9	505175.6	7081208	WGS84_8V
128367	Soil	HugoGirard	-134.893	63.8586	1187.6	505282.1	7081259	WGS84_8V
128368	Soil	HugoGirard	-134.89	63.859	1184.9	505385.7	7081305	WGS84_8V
128369	Soil	HugoGirard	-134.888	63.8595	1192.7	505487.4	7081362	WGS84_8V
128370	Soil	HugoGirard	-134.885	63.8603	1177.3	505653.4	7081453	WGS84_8V
128371	Soil	HugoGirard	-134.883	63.8607	1163.6	505770.5	7081502	WGS84_8V
128372	Soil	HugoGirard	-134.88	63.8614	1135.7	505911.9	7081579	WGS84_8V
128373	Soil	HugoGirard	-134.877	63.8618	1120.1	506048.4	7081619	WGS84_8V
128374	Soil	HugoGirard	-134.874	63.8625	1117.3	506210.5	7081696	WGS84_8V

Sample ID	Sample Type	Sampler	Long_Dec	Lat_Dec	Elevation	Easting	Northing	Datum
128375	Soil	HugoGirard	-134.871	63.8629	1109.2	506324.9	7081745	WGS84_8V
128376	Soil	HugoGirard	-134.869	63.8633	1096	506438.2	7081790	WGS84_8V
128377	Soil	HugoGirard	-134.866	63.864	1087.4	506593.3	7081870	WGS84_8V
128378	Soil	HugoGirard	-134.864	63.8645	1101.1	506700	7081917	WGS84_8V
128379	Soil	HugoGirard	-134.861	63.8649	1099.5	506836	7081963	WGS84_8V
128380	Soil	HugoGirard	-134.858	63.8656	1103.2	506959.2	7082046	WGS84_8V
128381	Soil	HugoGirard	-134.856	63.8661	1103.3	507089.2	7082107	WGS84_8V
128506	Soil	HugoGirard	-134.84	63.9433	1025.3	507836.1	7090705	WGS84_8V
128507	Soil	HugoGirard	-134.843	63.9433	1019.4	507683.4	7090703	WGS84_8V
128508	Soil	HugoGirard	-134.845	63.9435	1021.1	507614.2	7090723	WGS84_8V
128509	Soil	HugoGirard	-134.852	63.9436	1028.6	507240.6	7090742	WGS84_8V
128510	Soil	HugoGirard	-134.855	63.9432	1047.1	507115.1	7090694	WGS84_8V
128511	Soil	HugoGirard	-134.857	63.9432	1038.6	506990.9	7090688	WGS84_8V
128512	Soil	HugoGirard	-134.861	63.9432	1040.4	506831.5	7090695	WGS84_8V
128513	Soil	HugoGirard	-134.863	63.9429	1036.1	506714.2	7090663	WGS84_8V
128514	Soil	HugoGirard	-134.867	63.9421	1032.9	506540.6	7090574	WGS84_8V
128515	Soil	HugoGirard	-134.869	63.943	998.4	506439.8	7090664	WGS84_8V
128517	Soil	HugoGirard	-134.875	63.942	990.8	506103.9	7090557	WGS84_8V
128518	Soil	HugoGirard	-134.877	63.9418	1001.3	506038.4	7090536	WGS84_8V
128519	Soil	HugoGirard	-134.878	63.9411	1013	505991.5	7090454	WGS84_8V
128520	Soil	HugoGirard	-134.88	63.9412	1010.1	505887	7090469	WGS84_8V
128521	Soil	HugoGirard	-134.882	63.9407	1042.2	505795.9	7090415	WGS84_8V
128522	Soil	HugoGirard	-134.883	63.9405	1044.3	505720.6	7090384	WGS84_8V
128523	Soil	HugoGirard	-134.885	63.9398	1043.3	505656	7090307	WGS84_8V
128524	Soil	HugoGirard	-134.888	63.9393	1073.5	505475.4	7090256	WGS84_8V
128525	Soil	HugoGirard	-134.89	63.939	1076.7	505384.6	7090217	WGS84_8V
128526	Soil	HugoGirard	-134.887	63.9395	0	505558.1	7090280	WGS84_8V
131829	Soil	JoshJudson	-134.938	63.8762	0	503069.8	7083226	WGS84_8V
131830	Soil	JoshJudson	-134.938	63.8754	0	503040.8	7083129	WGS84_8V
131831	Soil	JoshJudson	-134.94	63.8746	0	502967	7083044	WGS84_8V
131832	Soil	JoshJudson	-134.94	63.8737	0	502925.7	7082946	WGS84_8V
131833	Soil	JoshJudson	-134.941	63.8729	0	502886.3	7082854	WGS84_8V
131834	Soil	JoshJudson	-134.942	63.8721	0	502851.7	7082762	WGS84_8V
131835	Soil	JoshJudson	-134.943	63.8711	0	502816.9	7082654	WGS84_8V
131836	Soil	JoshJudson	-134.943	63.8701	0	502787.8	7082539	WGS84_8V
131837	Soil	JoshJudson	-134.945	63.8694	0	502721.7	7082465	WGS84_8V
131838	Soil	JoshJudson	-134.945	63.8685	0	502680.5	7082361	WGS84_8V
131839	Soil	JoshJudson	-134.947	63.8678	0	502614.5	7082282	WGS84_8V
131840	Soil Duplicate	JoshJudson	-134.947	63.8678	0	502614.8	7082283	WGS84_8V
131841	Soil	JoshJudson	-134.947	63.8668	0	502591.6	7082175	WGS84_8V
131842	Soil	JoshJudson	-134.948	63.8659	0	502542.9	7082070	WGS84_8V
131843	Soil	JoshJudson	-134.947	63.8651	0	502589.9	7081987	WGS84_8V
131844	Soil	JoshJudson	-134.946	63.8645	0	502673.9	7081920	WGS84_8V
131845	Soil	JoshJudson	-134.944	63.864	0	502760.3	7081855	WGS84_8V
131846	Soil	JoshJudson	-134.942	63.8633	0	502854.8	7081787	WGS84_8V
131847	Soil	JoshJudson	-134.94	63.8627	0	502937.2	7081720	WGS84_8V
131848	Soil	JoshJudson	-134.939	63.8622	0	503019.5	7081656	WGS84_8V
131849	Soil	JoshJudson	-134.938	63.8614	0	503062.2	7081573	WGS84_8V
131850	Soil	JoshJudson	-134.936	63.8609	0	503154	7081511	WGS84_8V
131851	Soil	JoshJudson	-134.934	63.8604	0	503246.4	7081456	WGS84_8V
131852	Soil	JoshJudson	-134.932	63.8598	0	503333.4	7081393	WGS84_8V

Sample ID	Sample Type	Sampler	Long_Dec	Lat_Dec	Elevation	Easting	Northing	Datum
131853	Soil	JoshJudson	-134.931	63.8592	0	503407.2	7081327	WGS84_8V
131854	Soil	JoshJudson	-134.929	63.8585	0	503494.1	7081252	WGS84_8V
131855	Soil	JoshJudson	-134.927	63.8579	0	503582.3	7081186	WGS84_8V
131856	Soil	JoshJudson	-134.925	63.8575	0	503672.8	7081135	WGS84_8V
131857	Soil	JoshJudson	-134.924	63.8568	0	503737.9	7081055	WGS84_8V
131858	Soil	JoshJudson	-134.922	63.8561	0	503815.3	7080979	WGS84_8V
131859	Soil	JoshJudson	-134.921	63.8556	0	503906.2	7080921	WGS84_8V
131860	Soil	JoshJudson	-134.919	63.8549	0	503992.1	7080846	WGS84_8V
131861	Soil	JoshJudson	-134.917	63.8543	0	504065.5	7080780	WGS84_8V
132491	Soil	JoelDemers	-134.932	63.8776	1813.5	503340.5	7083373	WGS84_8V
132492	Soil	JoelDemers	-134.93	63.8779	1797.4	503422.8	7083410	WGS84_8V
132493	Soil	JoelDemers	-134.928	63.8785	1781.7	503556.8	7083479	WGS84_8V
132494	Soil	JoelDemers	-134.926	63.8791	1757.3	503642	7083546	WGS84_8V
132495	Soil	JoelDemers	-134.923	63.8797	1715.5	503771	7083607	WGS84_8V
132496	Soil	JoelDemers	-134.921	63.8802	1689.8	503886.5	7083669	WGS84_8V
132497	Soil	JoelDemers	-134.919	63.8806	1666.1	503992.1	7083708	WGS84_8V
132498	Soil	JoelDemers	-134.917	63.8811	1639	504089.5	7083766	WGS84_8V
132499	Soil	JoelDemers	-134.915	63.8814	1613.3	504176.5	7083796	WGS84_8V
132500	Soil	JoelDemers	-134.913	63.8817	1577.9	504297.1	7083836	WGS84_8V
132501	Soil	JoelDemers	-134.911	63.8819	1565.9	504386.1	7083857	WGS84_8V
132502	Soil	JoelDemers	-134.908	63.8823	1560.6	504497.8	7083900	WGS84_8V
132503	Soil	JoelDemers	-134.906	63.8825	1556.5	504592.9	7083927	WGS84_8V
132504	Soil	JoelDemers	-134.905	63.8829	1548.3	504690	7083967	WGS84_8V
132505	Soil	JoelDemers	-134.903	63.8832	1536.1	504776.7	7084004	WGS84_8V
132506	Soil	JoelDemers	-134.901	63.8836	1523.4	504874.1	7084050	WGS84_8V
132507	Soil	JoelDemers	-134.899	63.8839	1509.2	504983	7084078	WGS84_8V
132508	Soil	JoelDemers	-134.897	63.8843	1493.4	505078	7084127	WGS84_8V
132509	Soil	JoelDemers	-134.895	63.8847	1480.2	505166	7084170	WGS84_8V
132510	Soil	JoelDemers	-134.893	63.8851	1485.8	505257	7084219	WGS84_8V
132511	Soil	JoelDemers	-134.891	63.8855	1498.5	505350.8	7084255	WGS84_8V
132512	Soil	JoelDemers	-134.889	63.8858	1512.3	505465.4	7084292	WGS84_8V
132513	Soil	JoelDemers	-134.887	63.8861	1514.2	505549.2	7084330	WGS84_8V
132514	Soil	JoelDemers	-134.885	63.8864	1513.4	505657.2	7084365	WGS84_8V
132515	Soil	JoelDemers	-134.883	63.8868	1514.5	505759.7	7084400	WGS84_8V
132516	Soil	JoelDemers	-134.88	63.8871	1508.5	505880.4	7084443	WGS84_8V
132517	Soil	JoelDemers	-134.878	63.8875	1509.1	505980.6	7084483	WGS84_8V
132518	Soil	JoelDemers	-134.876	63.888	1501.4	506069.1	7084540	WGS84_8V
132519	Soil	JoelDemers	-134.874	63.8883	1511.3	506176.2	7084577	WGS84_8V
132520	Soil	JoelDemers	-134.872	63.8888	1528.9	506275.1	7084624	WGS84_8V
132521	Soil	JoelDemers	-134.87	63.8891	1548.8	506375.1	7084658	WGS84_8V
132522	Soil	JoelDemers	-134.868	63.8895	1567.5	506481.5	7084707	WGS84_8V
132523	Soil	JoelDemers	-134.866	63.8899	1594.5	506589.1	7084753	WGS84_8V
132524	Soil	JoelDemers	-134.864	63.8901	1605.2	506655.5	7084771	WGS84_8V
132551	Soil	JoelDemers	-134.832	63.8411	1071.4	508285.3	7079324	WGS84_8V
132552	Soil	JoelDemers	-134.83	63.8417	1073.8	508365.6	7079380	WGS84_8V
132553	Soil	JoelDemers	-134.828	63.8424	1038.4	508441.4	7079463	WGS84_8V
132912	Soil	JoelDemers	-134.838	63.937	1035.8	507920.4	7090003	WGS84_8V
132913	Soil	JoelDemers	-134.84	63.9367	1044.7	507826	7089970	WGS84_8V
132914	Soil	JoelDemers	-134.842	63.9362	1042.6	507738.5	7089913	WGS84_8V
132915	Soil	JoelDemers	-134.844	63.9358	1039.4	507628.3	7089872	WGS84_8V
132916	Soil	JoelDemers	-134.846	63.9355	1036.3	507536.6	7089839	WGS84_8V

Sample ID	Sample Type	Sampler	Long_Dec	Lat_Dec	Elevation	Easting	Northing	Datum
132917	Soil	JoelDemers	-134.848	63.9352	1035.6	507442.4	7089799	WGS84_8V
132918	Soil	JoelDemers	-134.85	63.9338	1031.5	507362.6	7089650	WGS84_8V
132919	Soil	JoelDemers	-134.855	63.9331	1031.4	507109.7	7089570	WGS84_8V
132920	Soil	JoelDemers	-134.857	63.933	1034	507009.1	7089560	WGS84_8V
132921	Soil	JoelDemers	-134.859	63.9328	1044	506903.5	7089538	WGS84_8V
132922	Soil	JoelDemers	-134.861	63.9328	1046.9	506792.7	7089534	WGS84_8V
132923	Soil	JoelDemers	-134.863	63.9323	0	506715.9	7089482	WGS84_8V
132924	Soil	JoelDemers	-134.865	63.9317	1062.3	506598.3	7089411	WGS84_8V
132925	Soil	JoelDemers	-134.868	63.9311	1057.4	506480	7089343	WGS84_8V
132926	Soil	JoelDemers	-134.87	63.9314	1062.6	506355.1	7089373	WGS84_8V
132927	Soil	JoelDemers	-134.873	63.9316	1067.2	506233.9	7089403	WGS84_8V
132928	Soil	JoelDemers	-134.874	63.9312	1065.8	506157.1	7089352	WGS84_8V
132929	Soil	JoelDemers	-134.877	63.931	1072	506051.6	7089328	WGS84_8V
132930	Soil	JoelDemers	-134.878	63.9306	1077.3	505961.7	7089284	WGS84_8V
132931	Soil	JoelDemers	-134.88	63.9302	1071.9	505863.6	7089246	WGS84_8V
132932	Soil	JoelDemers	-134.883	63.93	1072.9	505753.6	7089224	WGS84_8V
132933	Soil	JoelDemers	-134.885	63.9299	1072.5	505650.9	7089206	WGS84_8V
132934	Soil	JoelDemers	-134.887	63.9298	1072	505558	7089194	WGS84_8V
132935	Soil	JoelDemers	-134.889	63.9293	1070.3	505447.9	7089141	WGS84_8V
132936	Soil	JoelDemers	-134.891	63.929	1067.5	505349.2	7089113	WGS84_8V
132937	Soil	JoelDemers	-134.895	63.9282	1056.3	505161.2	7089018	WGS84_8V
132938	Soil	JoelDemers	-134.898	63.9282	1058.9	505018.9	7089017	WGS84_8V
132939	Soil	JoelDemers	-134.9	63.9282	1069.1	504900.7	7089022	WGS84_8V
132940	Soil Duplicate	JoelDemers	-134.9	63.9282	1069.1	504900.7	7089022	WGS84_8V
137012	Soil	JoshJudson	-134.913	63.8523	0	504276.8	7080562	WGS84_8V
137013	Soil	JoshJudson	-134.911	63.8527	0	504378.8	7080604	WGS84_8V
137014	Soil	JoshJudson	-134.909	63.8529	0	504482.6	7080630	WGS84_8V
137015	Soil	JoshJudson	-134.907	63.8534	0	504575	7080686	WGS84_8V
137016	Soil	JoshJudson	-134.905	63.8539	0	504667.9	7080734	WGS84_8V
137017	Soil	JoshJudson	-134.903	63.8542	0	504765.1	7080771	WGS84_8V
137018	Soil	JoshJudson	-134.901	63.8547	0	504863.4	7080825	WGS84_8V
137019	Soil	JoshJudson	-134.899	63.8553	0	504946.9	7080889	WGS84_8V
137020	Soil	JoshJudson	-134.898	63.8557	0	505029.9	7080938	WGS84_8V
137021	Soil	JoshJudson	-134.896	63.8562	0	505124.2	7080995	WGS84_8V
137022	Soil	JoshJudson	-134.894	63.8566	0	505230.7	7081037	WGS84_8V
137023	Soil	JoshJudson	-134.891	63.857	0	505349.4	7081084	WGS84_8V
137024	Soil	JoshJudson	-134.889	63.8574	0	505458.6	7081132	WGS84_8V
137025	Soil	JoshJudson	-134.887	63.8577	0	505575.1	7081164	WGS84_8V
137026	Soil	JoshJudson	-134.885	63.8581	0	505674.3	7081212	WGS84_8V
137027	Soil	JoshJudson	-134.882	63.8587	0	505789.3	7081271	WGS84_8V
137028	Soil	JoshJudson	-134.88	63.859	0	505891.2	7081308	WGS84_8V
137029	Soil	JoshJudson	-134.878	63.8594	0	505986.3	7081358	WGS84_8V
137030	Soil	JoshJudson	-134.876	63.8599	0	506074.2	7081410	WGS84_8V
137031	Soil	JoshJudson	-134.874	63.8606	0	506172.9	7081483	WGS84_8V
137032	Soil	JoshJudson	-134.873	63.861	0	506263.6	7081527	WGS84_8V
137033	Soil	JoshJudson	-134.871	63.8611	0	506364.4	7081538	WGS84_8V
137034	Soil	JoshJudson	-134.868	63.8611	0	506481	7081545	WGS84_8V
137035	Soil	JoshJudson	-134.866	63.8617	0	506563.6	7081614	WGS84_8V
137036	Soil	JoshJudson	-134.864	63.8621	0	506667.8	7081655	WGS84_8V
137037	Soil	JoshJudson	-134.862	63.8624	0	506768.2	7081694	WGS84_8V
137038	Soil	JoshJudson	-134.86	63.8628	0	506866.1	7081738	WGS84_8V

Sample ID	Sample Type	Sampler	Long_Dec	Lat_Dec	Elevation	Easting	Northing	Datum
137039	Soil	JoshJudson	-134.859	63.8634	0	506953.1	7081797	WGS84_8V
137040	Soil Duplicate	JoshJudson	-134.859	63.8634	0	506953	7081797	WGS84_8V
137041	Soil	JoshJudson	-134.857	63.8637	0	507042.6	7081829	WGS84_8V
137042	Soil	JoshJudson	-134.855	63.8639	0	507141.2	7081852	WGS84_8V
137043	Soil	JoshJudson	-134.853	63.8641	0	507240.1	7081880	WGS84_8V
137044	Soil	JoshJudson	-134.85	63.8644	0	507352.2	7081912	WGS84_8V
137045	Soil	JoshJudson	-134.849	63.8651	0	507428.4	7081985	WGS84_8V
137046	Soil	JoshJudson	-134.847	63.8657	0	507502.7	7082060	WGS84_8V
137177	Soil	JoshJudson	-134.843	63.9464	0	507670.4	7091050	WGS84_8V
137178	Soil	JoshJudson	-134.846	63.9464	0	507557.5	7091054	WGS84_8V
137179	Soil	JoshJudson	-134.848	63.9465	0	507453.5	7091064	WGS84_8V
137180	Soil	JoshJudson	-134.85	63.9465	0	507349.3	7091066	WGS84_8V
137181	Soil	JoshJudson	-134.852	63.9466	0	507241.9	7091077	WGS84_8V
137182	Soil	JoshJudson	-134.854	63.9465	0	507141.1	7091060	WGS84_8V
137183	Soil	JoshJudson	-134.856	63.9464	0	507041.1	7091052	WGS84_8V
137184	Soil	JoshJudson	-134.858	63.9462	0	506937.9	7091029	WGS84_8V
137185	Soil	JoshJudson	-134.861	63.9462	0	506828.7	7091023	WGS84_8V
137186	Soil	JoshJudson	-134.866	63.946	0	506588.6	7091008	WGS84_8V
137187	Soil	JoshJudson	-134.868	63.9462	0	506479.1	7091028	WGS84_8V
137188	Soil	JoshJudson	-134.872	63.9464	0	506271.5	7091043	WGS84_8V
137189	Soil	JoshJudson	-134.876	63.9462	0	506067.4	7091023	WGS84_8V
137190	Soil Duplicate	JoshJudson	-134.876	63.9462	0	506067.8	7091023	WGS84_8V
137191	Soil	JoshJudson	-134.878	63.9466	0	505976.3	7091073	WGS84_8V
137192	Soil	JoshJudson	-134.88	63.9461	0	505890.5	7091013	WGS84_8V
137193	Soil	JoshJudson	-134.882	63.9456	0	505802.7	7090957	WGS84_8V
137194	Soil	JoshJudson	-134.884	63.9451	0	505697.3	7090902	WGS84_8V
137195	Soil	JoshJudson	-134.886	63.9446	0	505610.9	7090844	WGS84_8V
137196	Soil	JoshJudson	-134.888	63.9443	0	505508.8	7090810	WGS84_8V
137197	Soil	JoshJudson	-134.89	63.944	0	505400.4	7090777	WGS84_8V
137198	Soil	JoshJudson	-134.891	63.9432	0	505340.2	7090690	WGS84_8V
137199	Soil	JoshJudson	-134.893	63.9427	0	505249.6	7090634	WGS84_8V
137200	Soil	JoshJudson	-134.895	63.9423	0	505160.2	7090586	WGS84_8V
137201	Soil	JoshJudson	-134.897	63.9421	0	505067.4	7090562	WGS84_8V
137202	Soil	JoshJudson	-134.898	63.9413	0	505011.8	7090479	WGS84_8V
137203	Soil	JoshJudson	-134.9	63.9412	0	504915.9	7090465	WGS84_8V
137204	Soil	JoshJudson	-134.901	63.9406	0	504837	7090394	WGS84_8V
137205	Soil	JoshJudson	-134.902	63.9397	0	504783	7090302	WGS84_8V
137206	Soil	JoshJudson	-134.904	63.9394	0	504690	7090267	WGS84_8V

Silt Samples

Sample ID	Sample Type	Date	Sampler	Easting	Northing	Datum
1575187	Silt Sample	July/23/2012	Reid Gaven	503281	7083871	WGS84_8V
1575188	Silt Sample	July/23/2012	Reid Gaven	505004	7084936	WGS84_8V
1575049	Silt Sample	July/23/2012	Kane Morgan	504473	7083401	WGS84_8V
1575351	Silt Sample	July/23/2012	Kane Morgan	505171	7083187	WGS84_8V
1575352	Silt Sample	July/23/2012	Kane Morgan	505869	7082677	WGS84_8V
1575353	Silt Sample	July/23/2012	Kane Morgan	506017	7081691	WGS84_8V
1575189	Silt Sample	July/24/2012	Reid Gaven	508579	7080110	WGS84_8V
1575190	Silt Sample	July/24/2012	Reid Gaven	509134	7080268	WGS84_8V

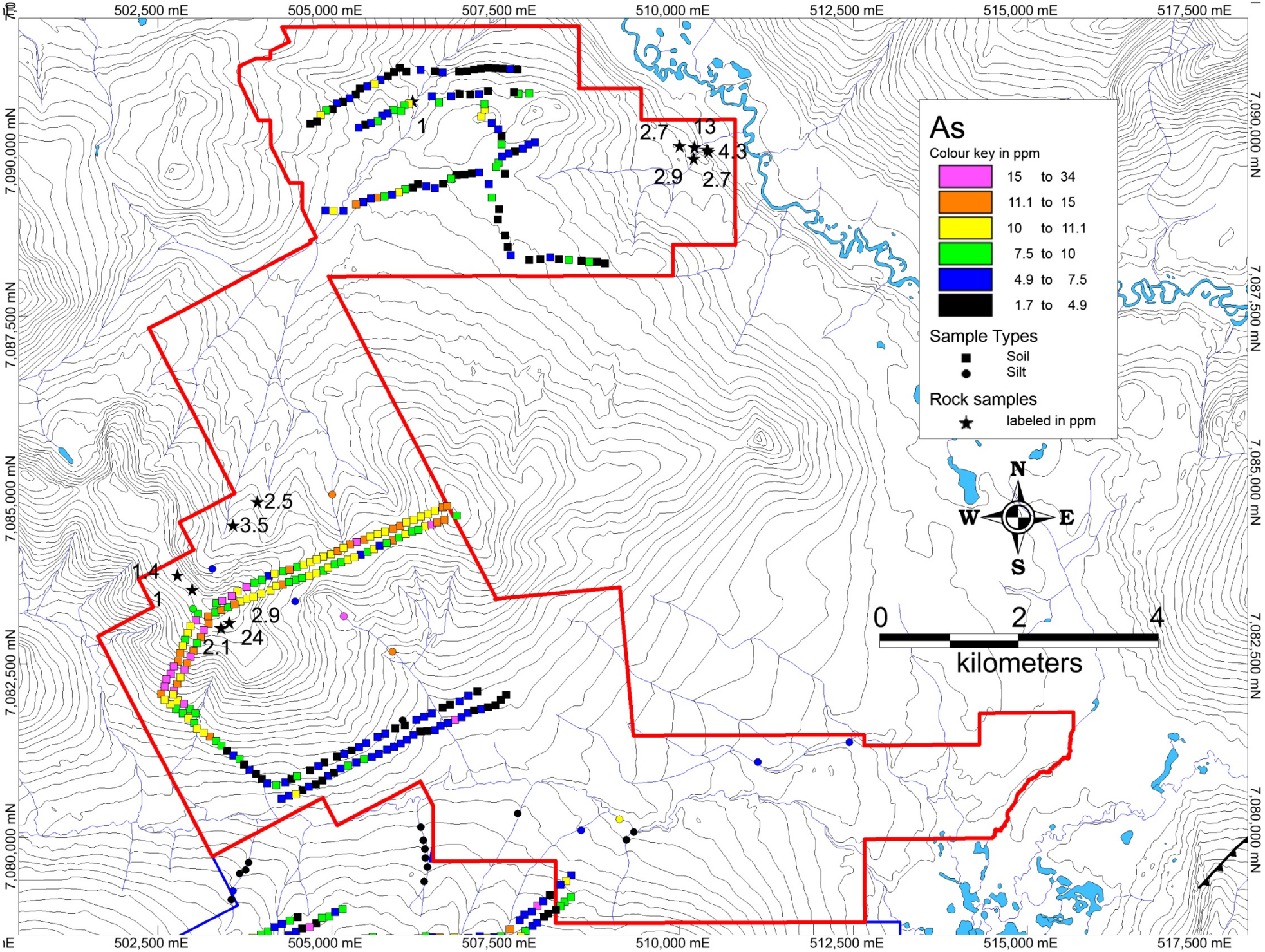
Sample ID	Sample Type	Date	Sampler	Easting	Northing	Datum
1575191	Silt Sample	July/24/2012	Reid Gaven	509342	7080083	WGS84_8V
1575192	Silt Sample	July/24/2012	Reid Gaven	509233	7079973	WGS84_8V
1575360	Silt Sample	July/24/2012	Kane Morgan	507668	7080349	WGS84_8V
1575313	Silt Sample	July/28/2012	Reid Gaven	512440	7081375	WGS84_8V
1575314	Silt Sample	July/28/2012	Reid Gaven	511121	7081090	WGS84_8V
1575211	Silt Sample	July/23/2012	Tyrell Sutherland	503002	7083295	WGS84_8V

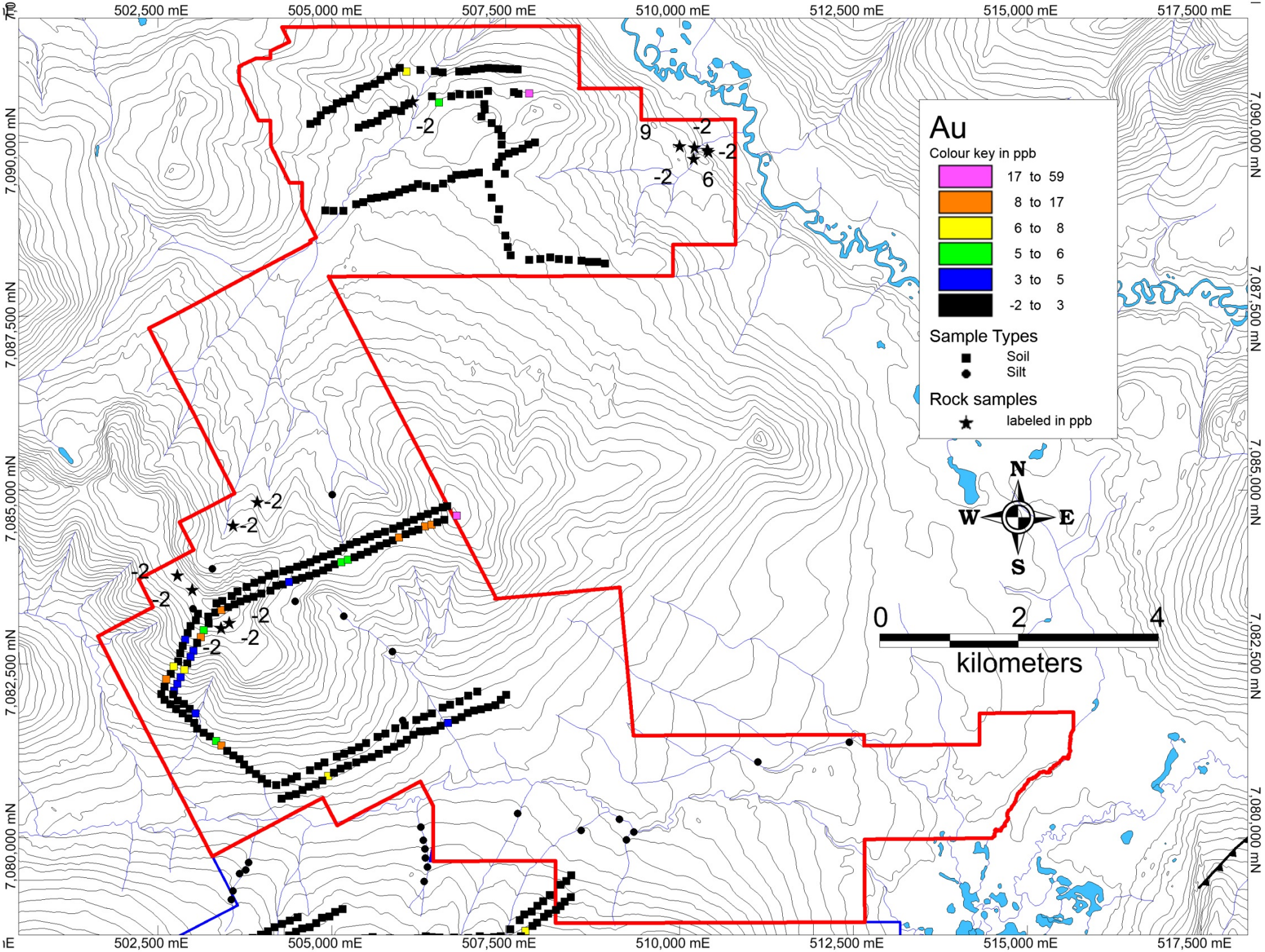
Rock Samples

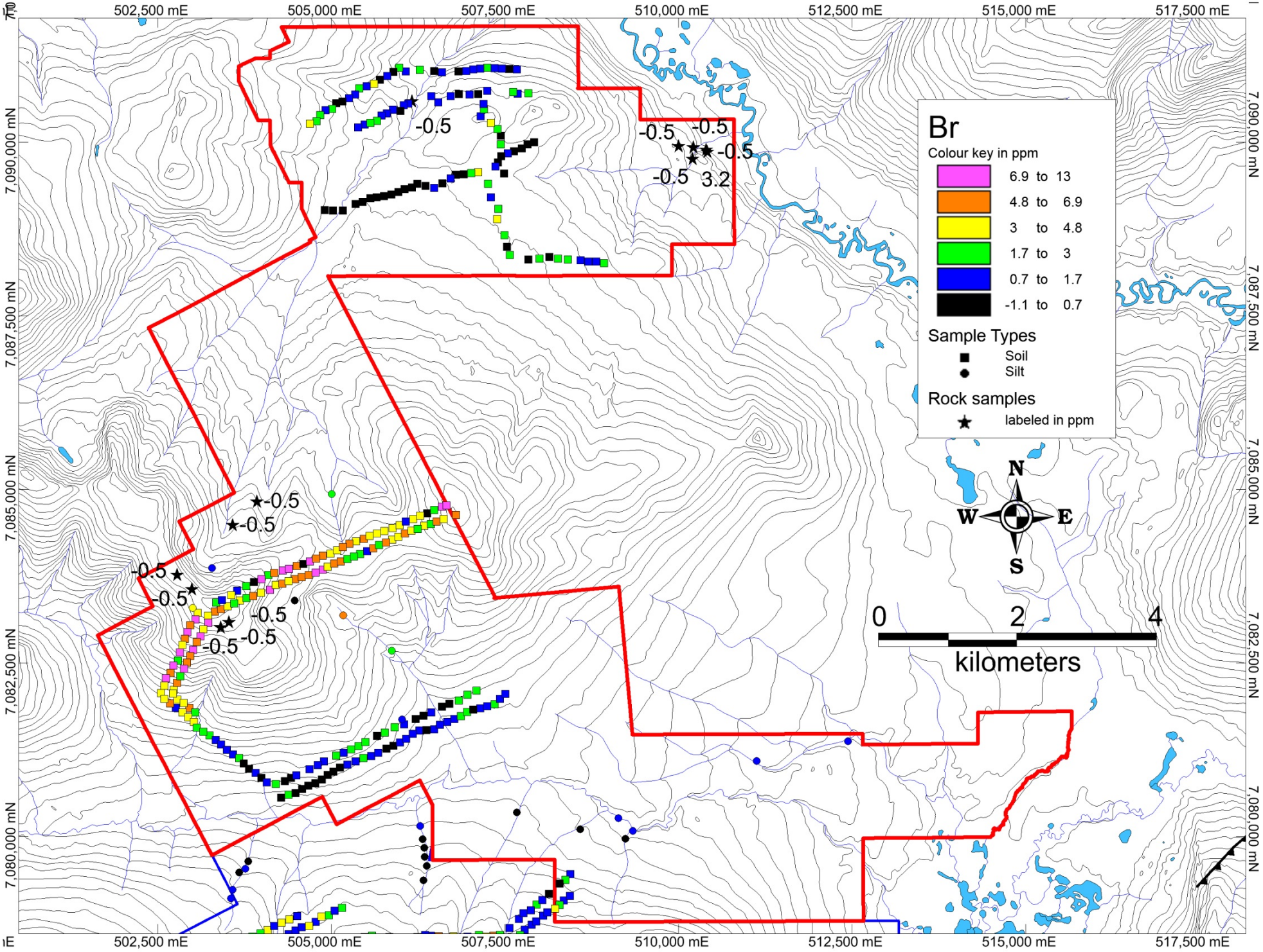
Sample ID	Sample Type	Date	Sampler	Project	Point Type	Easting	Northing	Datum
128516	Rock Sample	aug/3/2012	HugoGirard	Roop	Outcrop	506159.9	7090598	WGS84 8V
1575208	Rock Sample	July/23/2012	Tyrell Sutherland	Roop	Rock sample	503401	7083021	WGS84 8V
1575209	Rock Sample	July/23/2012	Tyrell Sutherland	Roop	Rock Sample	503523	7083099	WGS84 8V
1575210	Rock Sample	July/23/2012	Tyrell Sutherland	Roop	Rock Sample	503523	7083099	WGS84 8V
1575233	Rock Sample	Aug/03/2012	Tyrell Sutherland	Roop	Outcrop	510413	7089870	WGS84 8V
1575234	Rock Sample	Aug/03/2012	Tyrell Sutherland	Roop	Outcrop	510394	7089899	WGS84 8V
1575235	Rock Sample	Aug/03/2012	Tyrell Sutherland	Roop	Outcrop	510212	7089939	WGS84 8V
1575236	Rock Sample	Aug/03/2012	Tyrell Sutherland	Roop	Outcrop	509998	7089954	WGS84 8V
1575251	Rock Sample	July/23/2012	Remy Poulin	Roop	Boulder field	502987	7083575	WGS84 8V
1575252	Rock Sample	July/23/2012	Remy Poulin	Roop	Outcrop	502776	7083782	WGS84 8V
1575253	Rock Sample	July/23/2012	Remy Poulin	Roop	Outcrop	503578	7084497	WGS84 8V
1575254	Rock Sample	July/23/2012	Remy Poulin	Roop	Outcrop	503925	7084837	WGS84 8V
1575273	Rock Sample	Aug/03/2012	Remy Poulin	Roop	Outcrop	510202	7089772	WGS84 8V

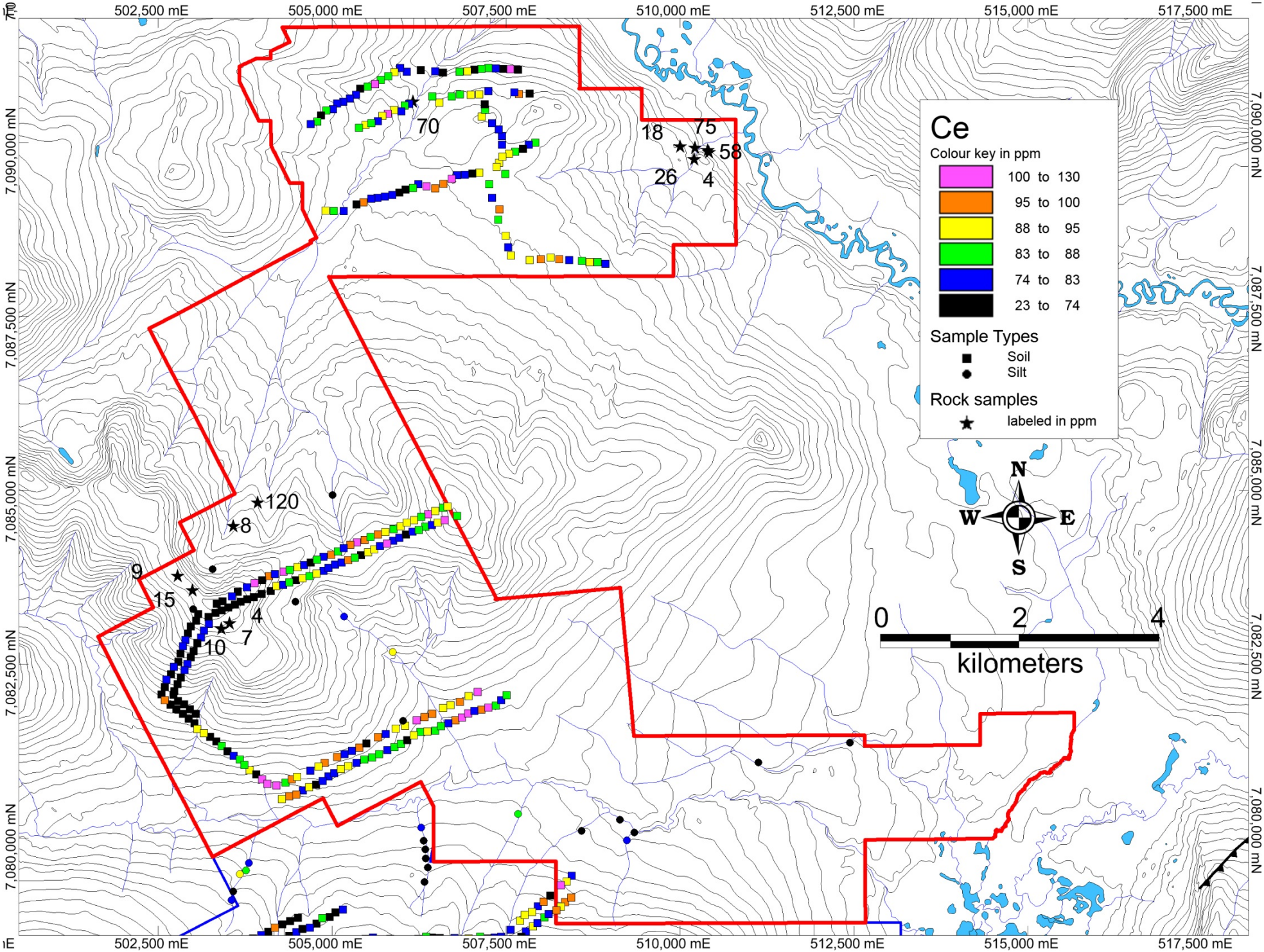
Appendix D

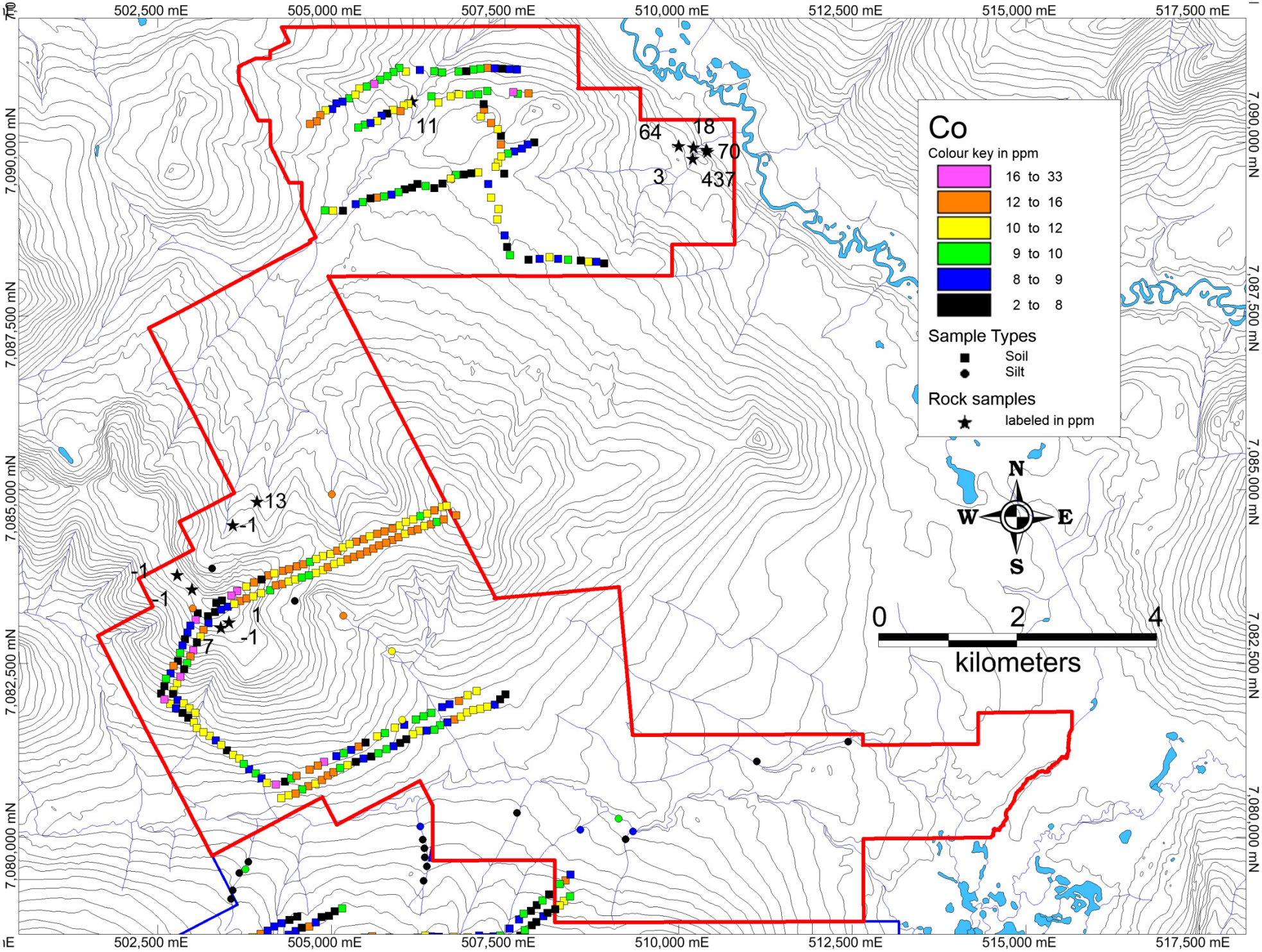
Geochemical Plots

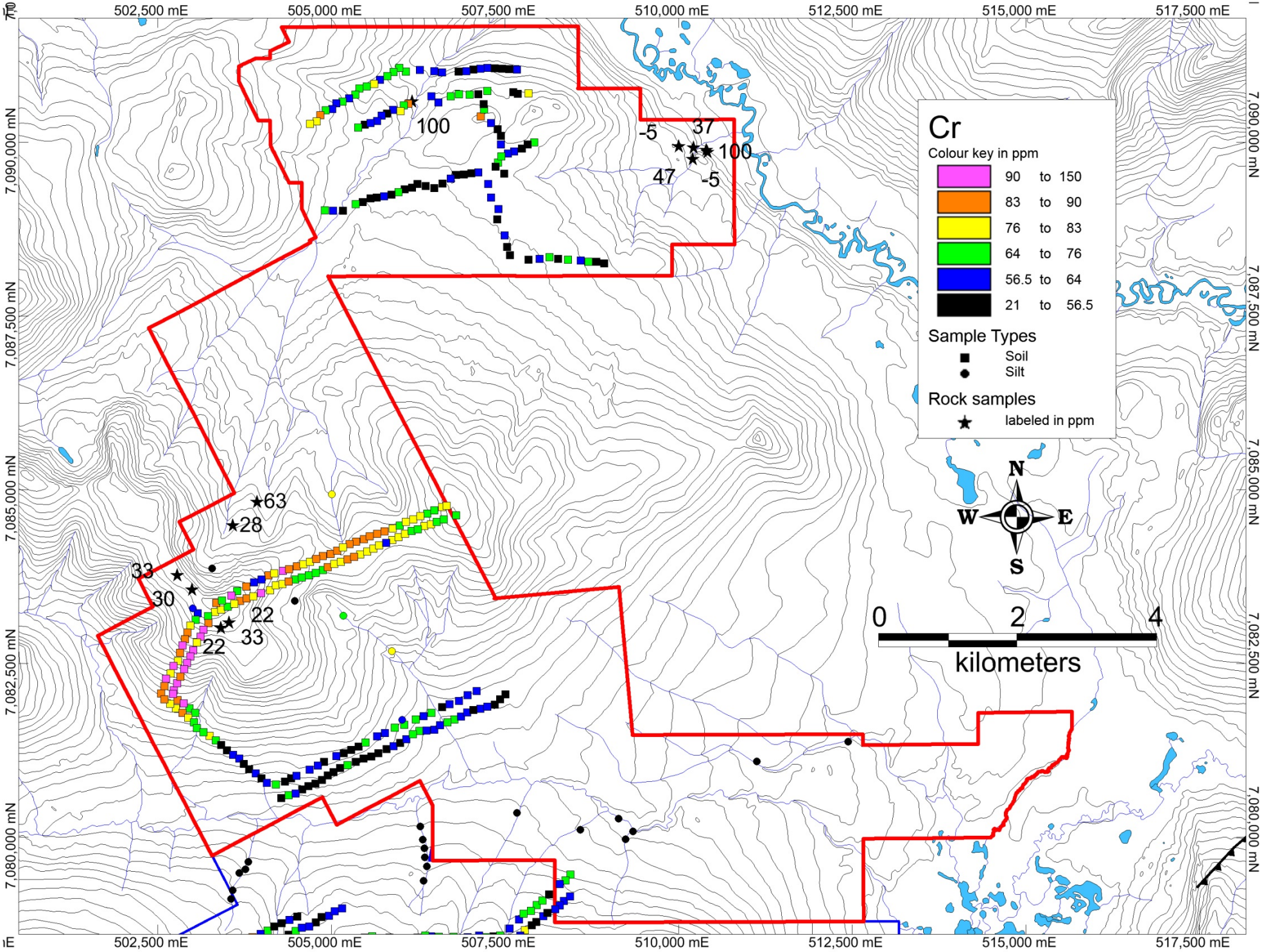

As
Colour key in ppm
15 to 34
11.1 to 15
10 to 11.1
7.5 to 10
4.9 to 7.5
1.7 to 4.9
Sample Types
Soil
Silt
Rock samples
labeled in ppm
N
W
E
S
0
2
4
kilometers
502,500 mE
505,000 mE
507,500 mE
510,000 mE
512,500 mE
515,000 mE
517,500 mE
7,090,000 mN
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1
2.9
24
2.1

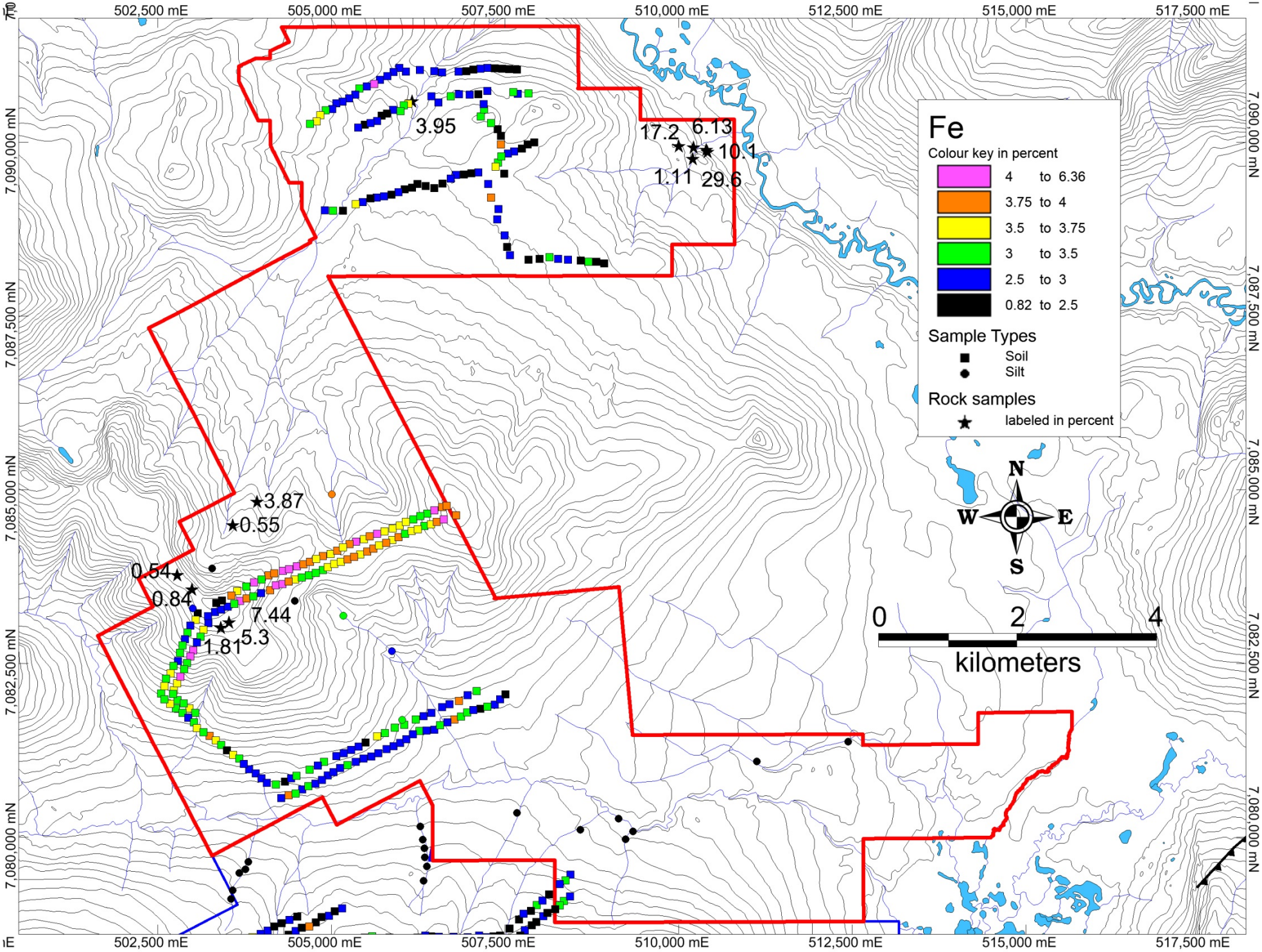

502,500 mE
505,000 mE
507,500 mE
510,000 mE
512,500 mE
515,000 mE
517,500 mE
7,090,000 mN
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7,085,000 mN
7,082,500 mN
7,080,000 mN
Au
Colour key in ppb
17 to 59
8 to 17
6 to 8
5 to 6
3 to 5
-2 to 3
Sample Types
Soil
Silt
Rock samples
labeled in ppb
N
W
E
S
0
2
4
kilometers

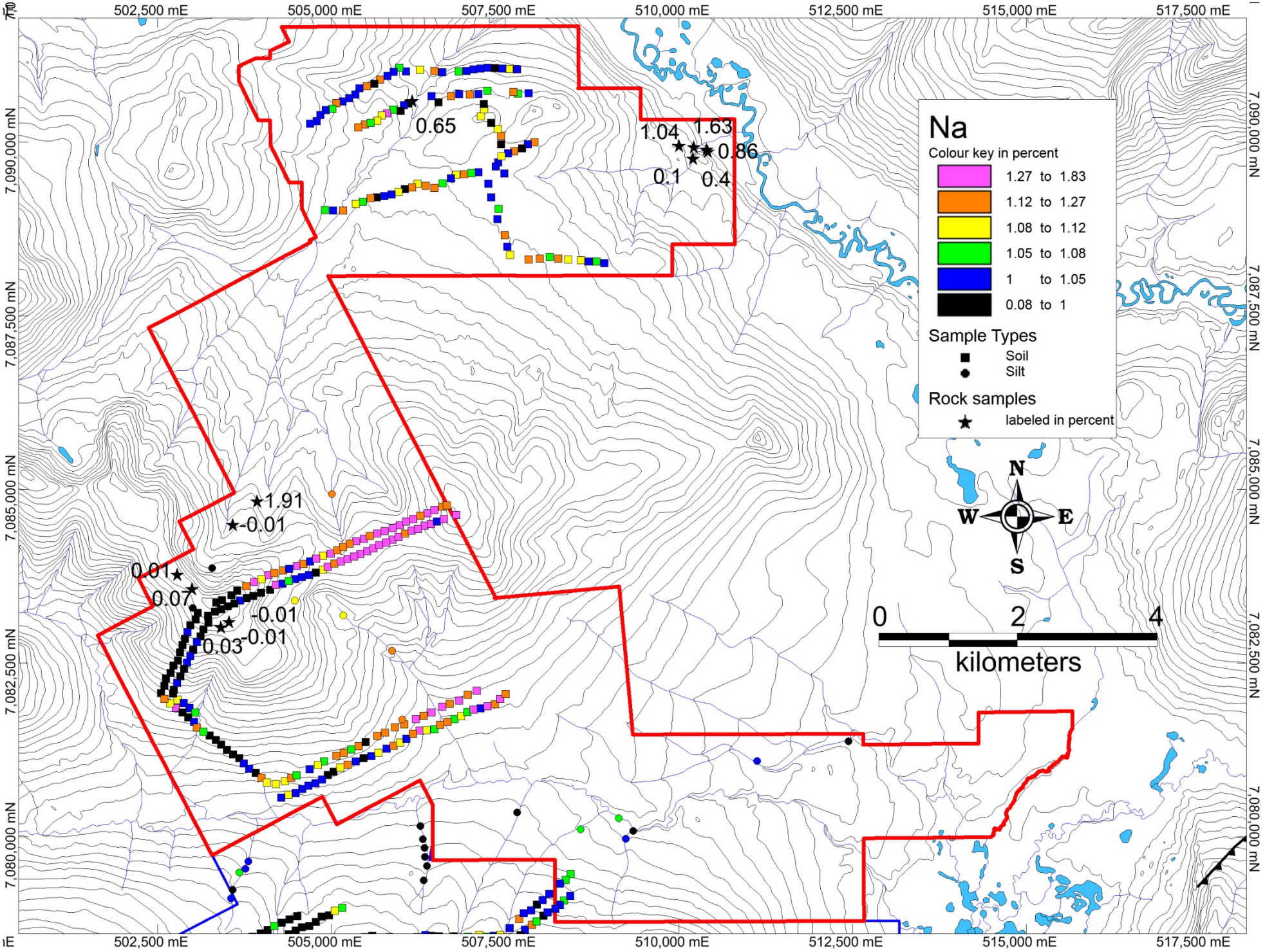

Br
Colour key in ppm
6.9 to 13
4.8 to 6.9
3 to 4.8
1.7 to 3
0.7 to 1.7
-1.1 to 0.7
Sample Types
Soil
Silt
Rock samples
labeled in ppm
N
W
E
S
0
2
4
kilometers
502,500 mE
505,000 mE
507,500 mE
510,000 mE
512,500 mE
515,000 mE
517,500 mE
7,090,000 mN
7,087,500 mN
7,085,000 mN
7,082,500 mN
7,080,000 mN
-0.5
3.2

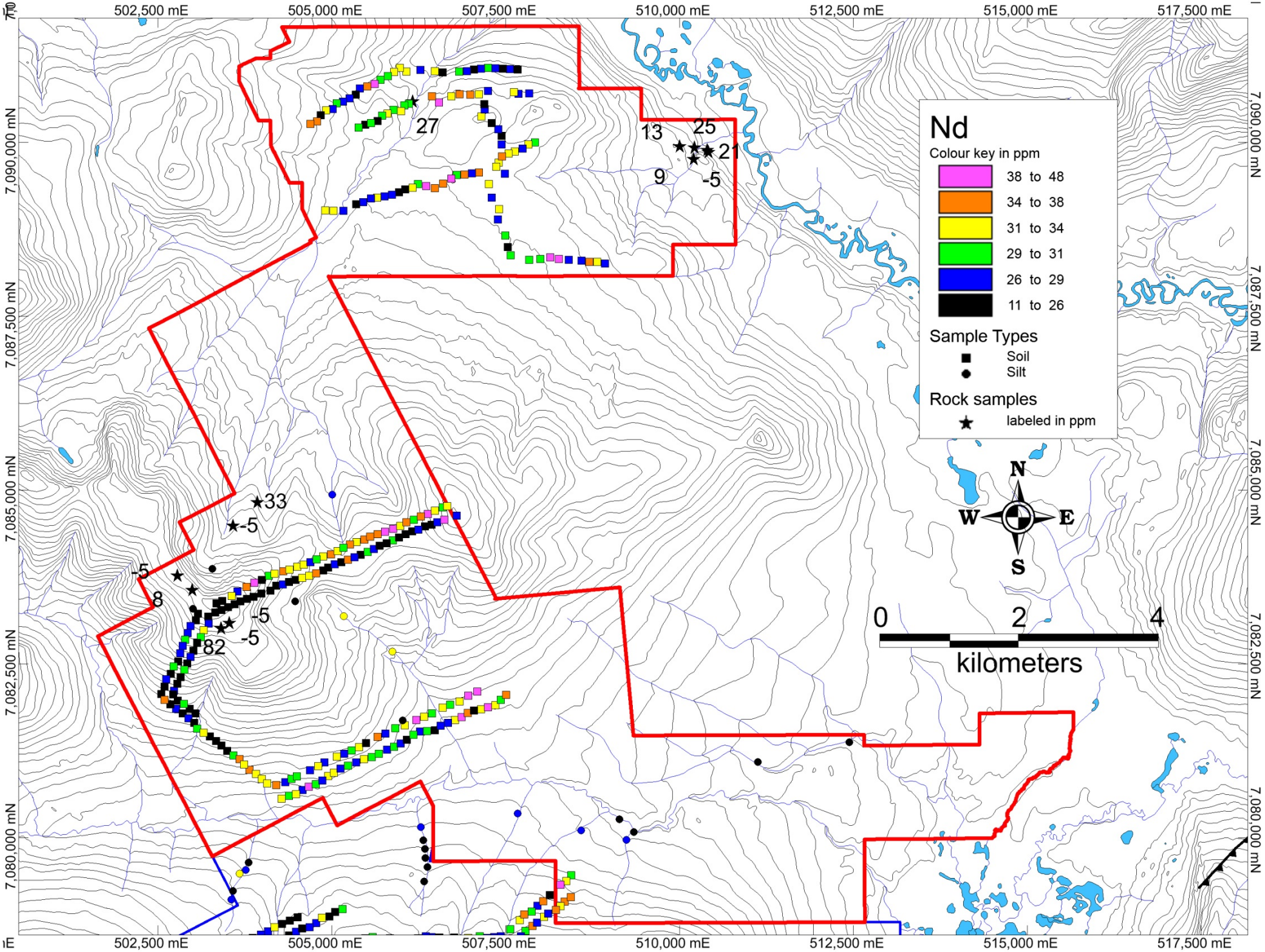

502,500 mE
505,000 mE
507,500 mE
510,000 mE
512,500 mE
515,000 mE
517,500 mE
7,090,000 mN
7,087,500 mN
7,085,000 mN
7,082,500 mN
7,080,000 mN
Ce
Colour key in ppm
100 to 130
95 to 100
88 to 95
83 to 88
74 to 83
23 to 74
Sample Types
Soil
Silt
Rock samples
labeled in ppm
70
18
75
58
26
4
120
8
9
15
4
7
10
N
W
E
S
0
2
4
kilometers

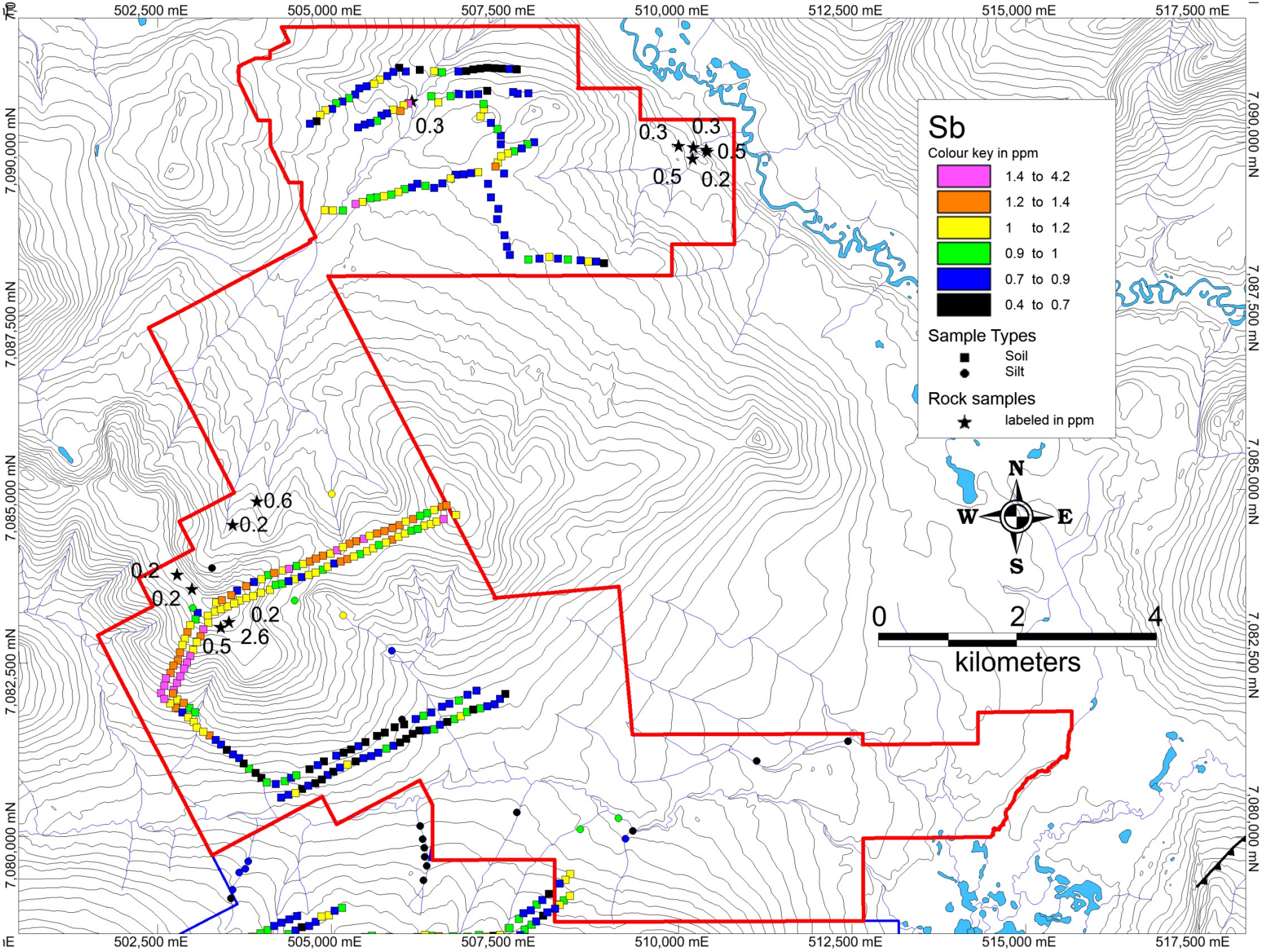

Co
Colour key in ppm
16 to 33
12 to 16
10 to 12
9 to 10
8 to 9
2 to 8
Sample Types
Soil
Silt
Rock samples
labeled in ppm
N
W
E
S
0
2
4
kilometers
502,500 mE
505,000 mE
507,500 mE
510,000 mE
512,500 mE
515,000 mE
517,500 mE
7,090,000 mN
7,087,500 mN
7,085,000 mN
7,082,500 mN
7,080,000 mN
11
64
18
70
3
437
13
-1
-1
-1
-1
1
7
-1

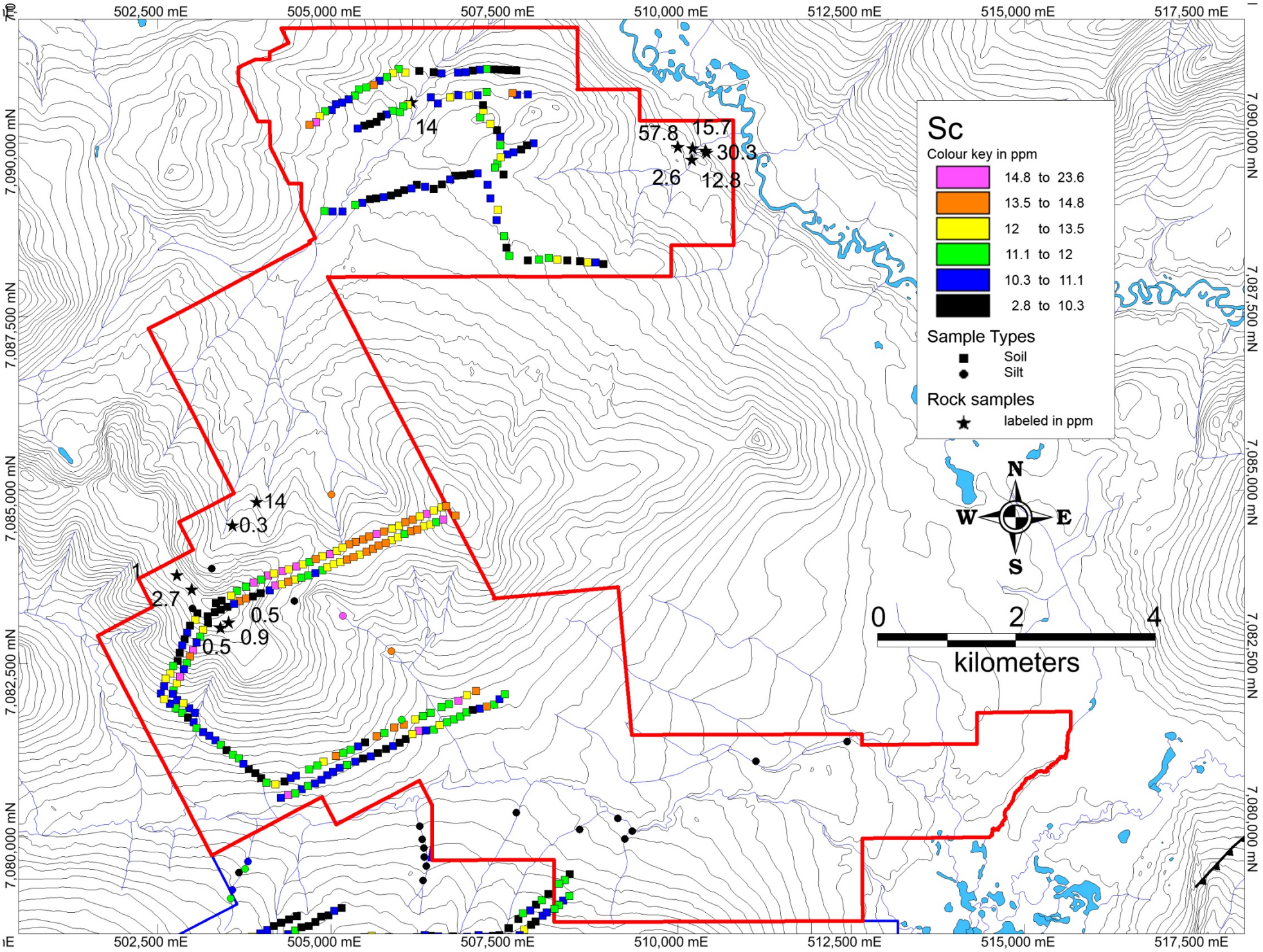

502,500 mE
505,000 mE
507,500 mE
510,000 mE
512,500 mE
515,000 mE
517,500 mE
7,090,000 mN
7,087,500 mN
7,085,000 mN
7,082,500 mN
7,080,000 mN
Cr
Colour key in ppm
90 to 150
83 to 90
76 to 83
64 to 76
56.5 to 64
21 to 56.5
Sample Types
Soil
Silt
Rock samples
labeled in ppm
100
-5
37
100
47
-5
63
28
33
30
22
22
33
N
W
E
S
0
2
4
kilometers

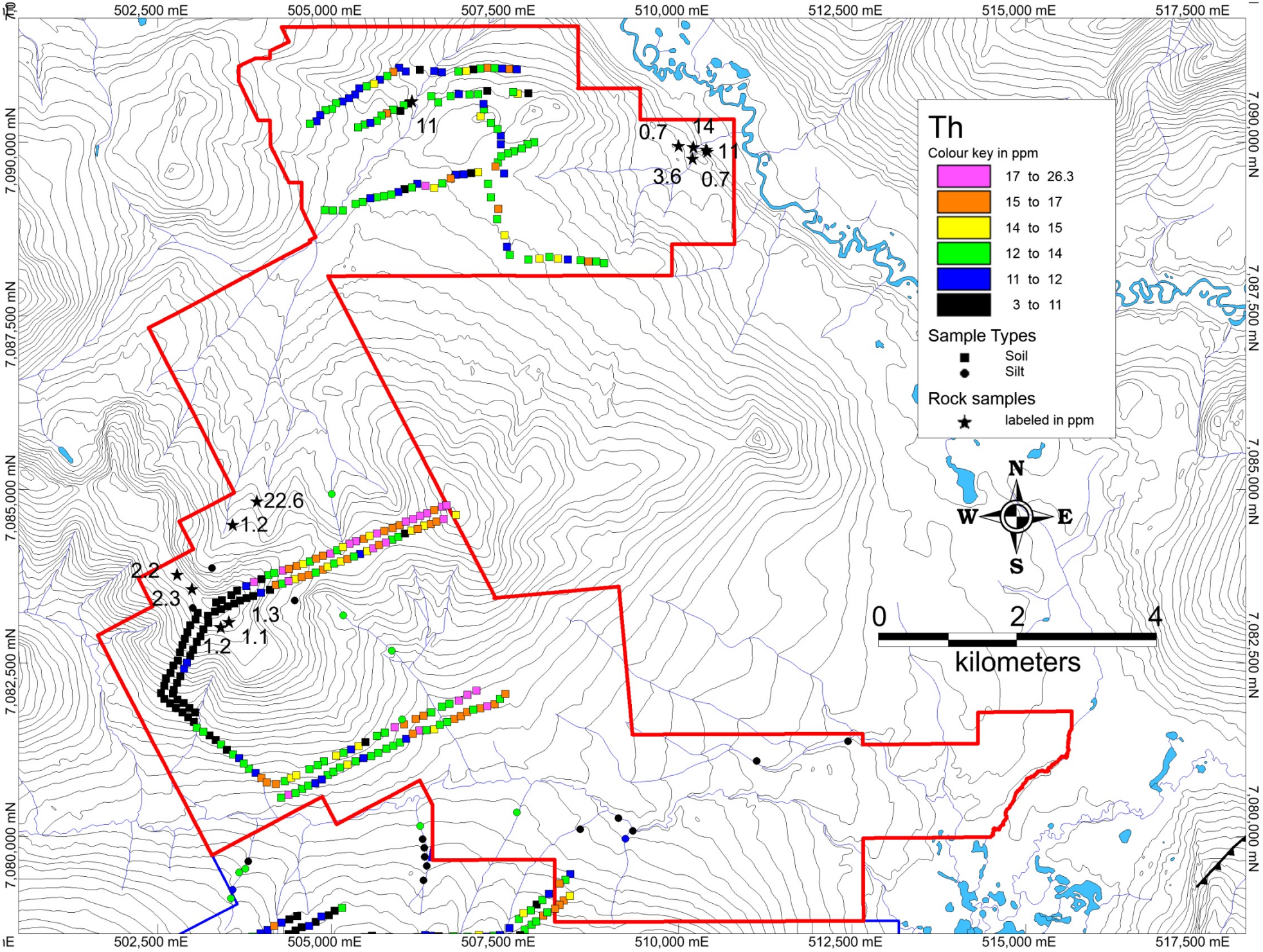

502,500 mE
505,000 mE
507,500 mE
510,000 mE
512,500 mE
515,000 mE
517,500 mE
7,090,000 mN
7,087,500 mN
7,085,000 mN
7,082,500 mN
7,080,000 mN
Fe
Colour key in percent
4 to 6.36
3.75 to 4
3.5 to 3.75
3 to 3.5
2.5 to 3
0.82 to 2.5
Sample Types
Soil
Silt
Rock samples
labeled in percent
3.95
17.2
6.13
10.1
1.11
29.6
★3.87
★0.55
0.54★
0.84★
7.44
1.81★
5.3
N
W
E
S
0
2
4
kilometers

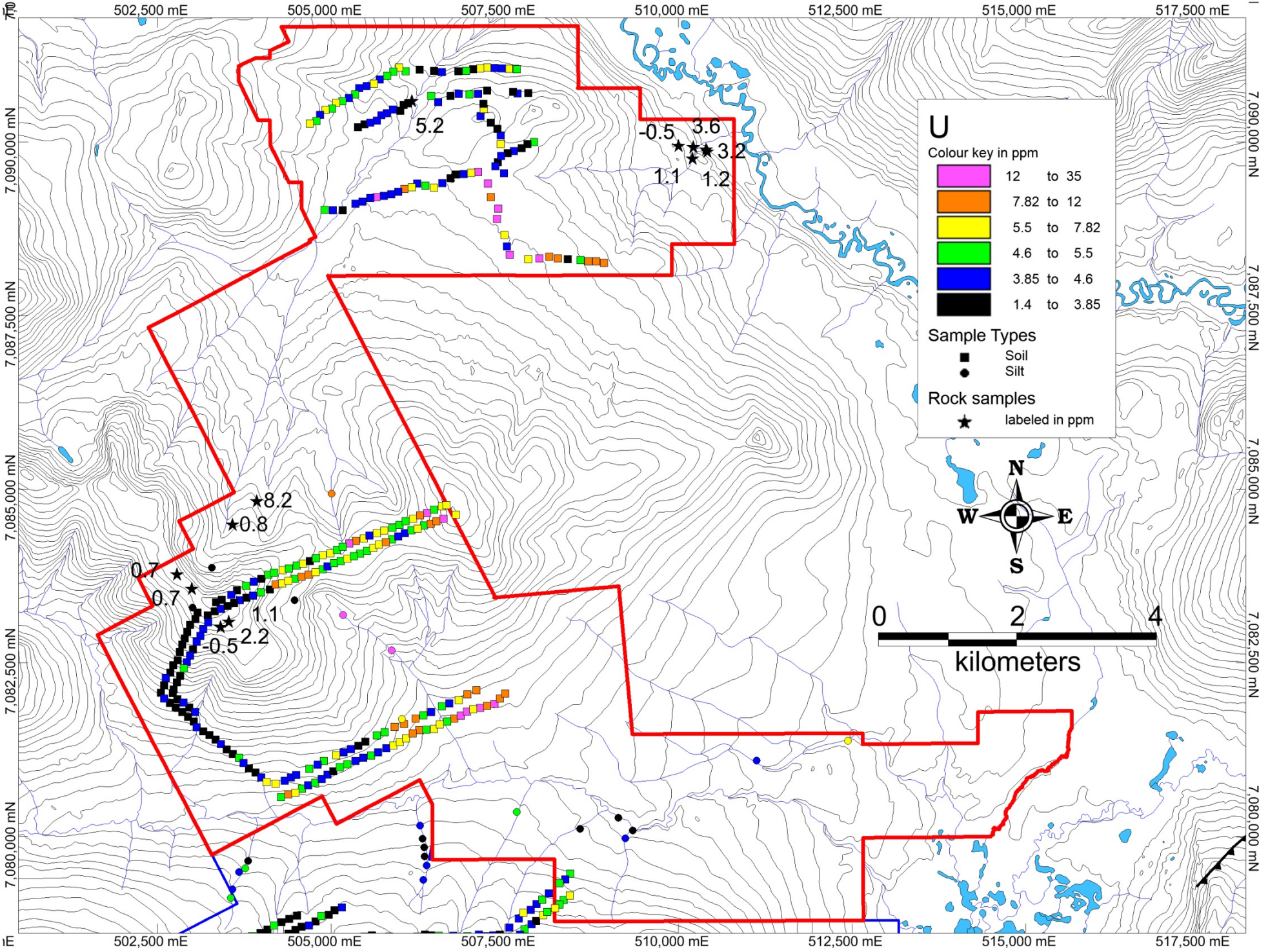

Na
Colour key in percent
1.27 to 1.83
1.12 to 1.27
1.08 to 1.12
1.05 to 1.08
1 to 1.05
0.08 to 1
Sample Types
Soil
Silt
Rock samples
labeled in percent
0.65
1.04
1.63
0.86
0.1
0.4
1.91
-0.01
0.01
0.07
-0.01
0.03
-0.01
N
W
E
S
0
2
4
kilometers
502,500 mE
505,000 mE
507,500 mE
510,000 mE
512,500 mE
515,000 mE
517,500 mE
7,090,000 mN
7,087,500 mN
7,085,000 mN
7,082,500 mN
7,080,000 mN

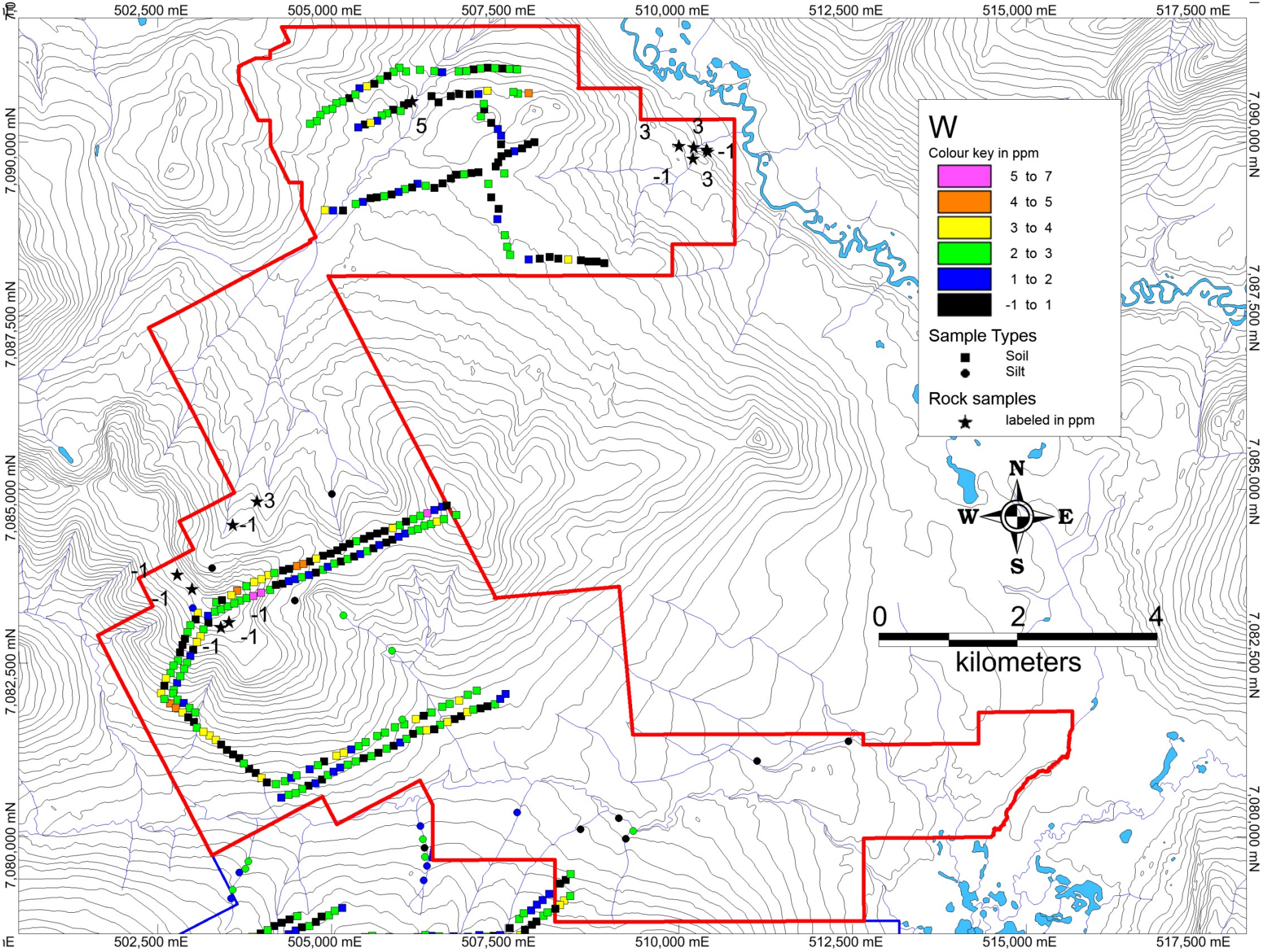

Nd
Colour key in ppm
38 to 48
34 to 38
31 to 34
29 to 31
26 to 29
11 to 26
Sample Types
Soil
Silt
Rock samples
labeled in ppm
N
W
E
S
0
2
4
kilometers
502,500 mE
505,000 mE
507,500 mE
510,000 mE
512,500 mE
515,000 mE
517,500 mE
7,090,000 mN
7,087,500 mN
7,085,000 mN
7,082,500 mN
7,080,000 mN
27
13
25
21
9
-5
33
-5
-5
8
-5
82
-5

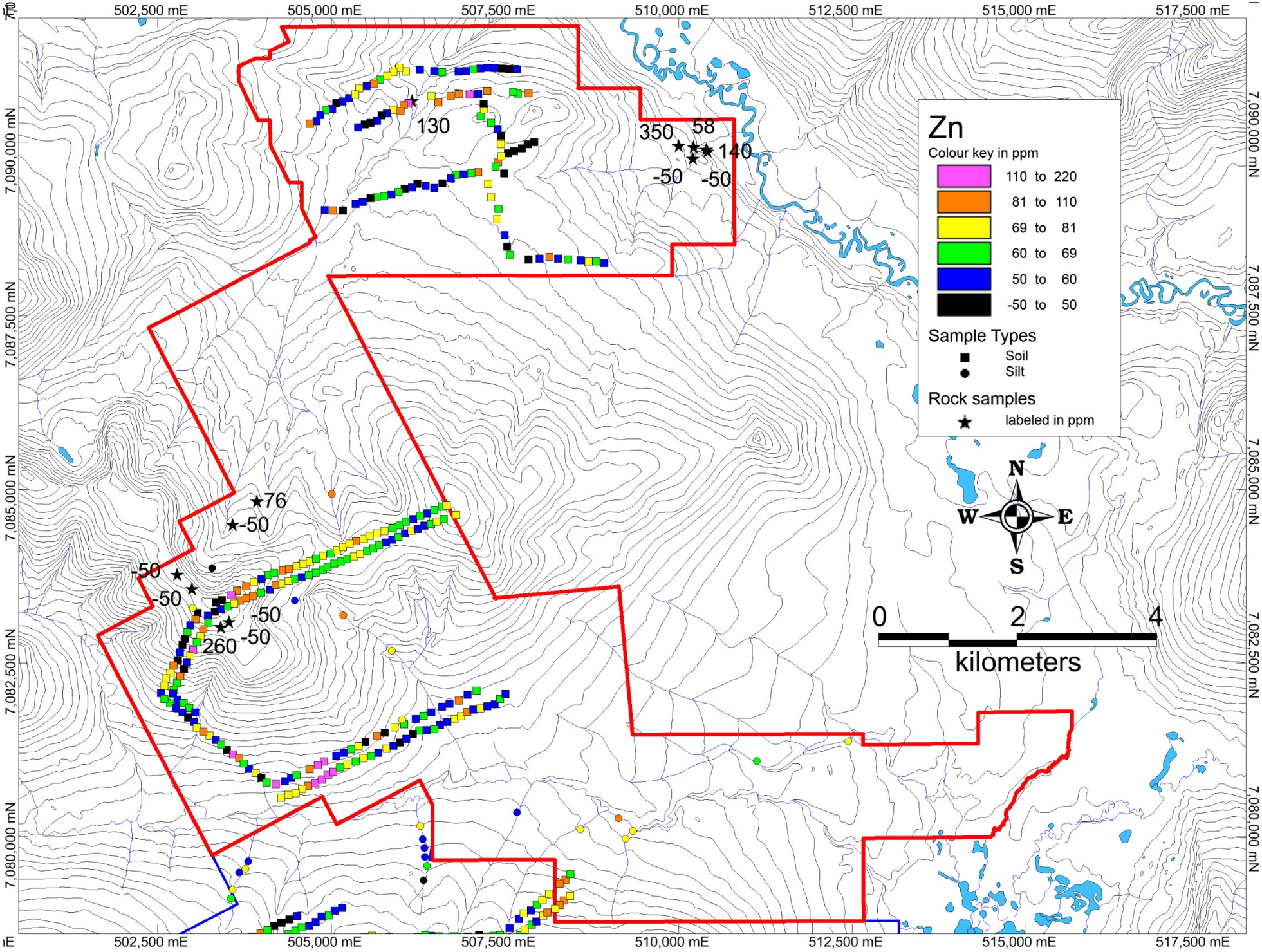

Sb
Colour key in ppm
1.4 to 4.2
1.2 to 1.4
1 to 1.2
0.9 to 1
0.7 to 0.9
0.4 to 0.7
Sample Types
Soil
Silt
Rock samples
labeled in ppm
N
W
E
S
0
2
4
kilometers
502,500 mE
505,000 mE
507,500 mE
510,000 mE
512,500 mE
515,000 mE
517,500 mE
7,090,000 mN
7,087,500 mN
7,085,000 mN
7,082,500 mN
7,080,000 mN
0.3
0.3
0.3
0.5
0.5
0.2
★0.6
★0.2
0.2
0.2
0.2
0.5
2.6


502,500 mE
505,000 mE
507,500 mE
510,000 mE
512,500 mE
515,000 mE
517,500 mE
7,090,000 mN
7,087,500 mN
7,085,000 mN
7,082,500 mN
7,080,000 mN
Sc
Colour key in ppm
14.8 to 23.6
13.5 to 14.8
12 to 13.5
11.1 to 12
10.3 to 11.1
2.8 to 10.3
Sample Types
Soil
Silt
Rock samples
labeled in ppm
N
W
E
S
0
2
4
kilometers
14
57.8
15.7
30.3
2.6
12.8
14
0.3
1
2.7
0.5
0.9
0.5


502,500 mE
505,000 mE
507,500 mE
510,000 mE
512,500 mE
515,000 mE
517,500 mE
7,090,000 mN
7,087,500 mN
7,085,000 mN
7,082,500 mN
7,080,000 mN
Th
Colour key in ppm
17 to 26.3
15 to 17
14 to 15
12 to 14
11 to 12
3 to 11
Sample Types
Soil
Silt
Rock samples
labeled in ppm
N
W
E
S
0
2
4
kilometers
11
0.7
14
11
3.6
0.7
★22.6
★1.2
2.2
2.3
1.3
1.2
1.1


502,500 mE
505,000 mE
507,500 mE
510,000 mE
512,500 mE
515,000 mE
517,500 mE
7,090,000 mN
7,087,500 mN
7,085,000 mN
7,082,500 mN
7,080,000 mN
U
Colour key in ppm
12 to 35
7.82 to 12
5.5 to 7.82
4.6 to 5.5
3.85 to 4.6
1.4 to 3.85
Sample Types
Soil
Silt
Rock samples
labeled in ppm
N
W
E
S
0
2
4
kilometers
5.2
-0.5
3.6
3.2
1.1
1.2
8.2
0.8
0.7
0.7
1.1
-0.5
2.2


502,500 mE
505,000 mE
507,500 mE
510,000 mE
512,500 mE
515,000 mE
517,500 mE
7,090,000 mN
7,087,500 mN
7,085,000 mN
7,082,500 mN
7,080,000 mN
W
Colour key in ppm
5 to 7
4 to 5
3 to 4
2 to 3
1 to 2
-1 to 1
Sample Types
Soil
Silt
Rock samples
labeled in ppm
N
W
E
S
0
2
4
kilometers


502,500 mE
505,000 mE
507,500 mE
510,000 mE
512,500 mE
515,000 mE
517,500 mE
7,090,000 mN
7,087,500 mN
7,085,000 mN
7,082,500 mN
7,080,000 mN
Zn
Colour key in ppm
110 to 220
81 to 110
69 to 81
60 to 69
50 to 60
-50 to 50
Sample Types
Soil
Silt
Rock samples
labeled in ppm
130
350
58
140
-50
-50
★76
★-50
-50
-50
-50
260
-50
N
W
E
S
0
2
4
kilometers

Appendix E

Assay certificates

Company : Mayo Lake Minerals Inc.
Submitted by : Tyrell Sutherland
Date Received : 29-Aug-12
Date Reported : 31-Oct-12 & 25-Oct-12

T12-01779.0
& T12-01775.0

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

Acme file # : WHI12000585 & WHI12000581
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

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
126625	16.08	1.1	13	670	4.6	-1	58	2	70	7	1	-2	12	-5	2.66	30	0.37	-1	-1	22	-100	43	4.7	8.6	-3	-5	0.75	-500	1.1	0.8	8.1	-100	1	3.5	2.5	52
126626	13.8	1	9.5	760	6.4	-1	62	2	79	7	1	-2	12	-5	2.65	32	0.39	-1	-3	18	-100	45	5	9.3	-3	-5	0.85	-500	0.9	0.8	8.6	-100	2	3.3	2.6	-50
126627	15.41	1	12	630	5.6	-1	65	2	80	8	1	11	15	-5	2.74	33	0.42	-1	-3	19	-100	39	5.1	9.2	-3	-5	0.75	-500	1	0.7	8.8	-100	2	4.1	2.7	52
126628	19.18	1	8.8	640	4.5	1	60	2	71	8	1.1	-2	15	-5	2.54	31	0.39	-1	-3	16	-100	39	4.8	8.3	-3	-5	0.82	-500	0.7	0.6	7.7	-100	2	3.3	2.6	60
126629	17.99	1.1	13	790	2.8	1	65	3	77	10	1.2	-2	14	-5	3.18	35	0.43	-1	-3	24	-100	50	5.7	10.3	-3	-5	0.8	-500	1	0.8	9.2	-100	2	3.7	2.9	73
126630	17.4	1.1	10	770	3.4	2	67	3	85	13	1.3	-2	14	-5	4.16	37	0.46	-1	-1	25	110	48	5.9	13.7	-3	-5	1.03	-500	0.9	1.1	9	-100	2	4	3.1	86
126631	17.33	1	10	770	2.9	2	64	3	83	13	1.2	-2	11	-5	3.91	34	0.43	-1	-1	17	-100	46	5.7	13.7	-3	-5	0.83	-500	1	0.9	8.6	-100	2	3.5	2.9	85
126632	18.89	1	11	690	4.8	2	61	2	78	10	1	-2	17	-5	3.25	32	0.42	-1	-1	17	-100	42	4.9	9.3	-3	-5	0.85	-500	0.9	0.6	8.3	-100	6	4.3	2.8	87
126633	18.67	1	10	690	3.7	1	73	3	90	10	1.1	-2	18	-5	2.99	38	0.53	-1	-3	18	-100	52	6	10	-3	-5	0.86	-500	1.3	0.9	11	-100	5	5.4	3.5	60
126634	10.49	1	10	810	7.9	1	57	4	76	9	0.9	-2	9	-5	3.84	27	0.32	-1	-4	16	-100	83	4.1	10.5	-3	-5	0.91	-500	1.2	0.6	10	-100	2	3.5	2.1	58
126635	14.22	0.9	11	1000	4.5	3	93	6	78	14	1.5	-2	14	-5	4.22	48	0.46	-1	-5	25	-100	110	7.4	16	-3	-5	1.46	-500	1.2	0.9	15	-100	-1	10	3.1	85
126636	9.89	0.9	12	950	6.7	1	81	6	80	14	1.1	-2	7	-5	4.07	38	0.33	-1	-4	26	-100	79	5.6	12.2	-3	-5	1.01	-500	1.2	0.8	13	-100	-1	7.8	2.2	70
126637	13.18	0.8	9	920	3.6	1	86	6	83	11	1.2	4	9	-5	3.94	39	0.37	-1	-4	20	-100	100	5.7	13.5	-3	-5	1.05	-500	1.3	0.6	18	-100	1	6.2	2.4	70
126638	11.37	1	7.8	880	5.2	2	73	4	73	10	1.1	-2	9	-5	3.72	36	0.33	-1	-4	24	-100	85	5.2	12	-3	-5	1.04	-500	1.4	0.5	14	-100	1	4.7	2.1	65
126639	11.81	0.8	7.3	830	5.1	1	87	5	72	9	1.2	-2	7	-5	3.46	43	0.39	-1	-5	30	-100	94	6.5	11.3	-3	-5	1.01	-500	1.1	0.6	16	-100	2	11	2.5	57
126640	11.33	0.8	8.4	880	4.9	1	91	5	72	9	1.3	-2	8	-5	3.46	45	0.4	-1	-5	32	-100	99	6.8	11.4	-3	-5	1.02	-500	1.3	0.8	16	-100	2	11	2.6	53
126641	10.82	1	10	930	6.6	1	83	5	72	9	1.2	-2	8	-5	3.48	42	0.37	-1	-5	31	-100	79	6.8	11.1	-3	-5	1	-500	1	0.9	15	-100	1	9.3	2.5	64
126642	10.12	1	10	890	8.6	1	88	5	70	10	1.1	-2	8	-5	3.42	44	0.35	-1	-4	34	-100	84	5.9	11	-3	-5	0.94	-500	0.9	0.7	12	-100	-1	7.1	2.3	67
126643	12.76	0.9	9.4	860	10	1	76	4	72	10	1.2	-2	8	-5	3.31	34	0.34	-1	-4	25	-100	76	5.3	11.3	-3	-5	1.1	-500	1.3	0.7	16	-100	2	4.8	2.3	65
126644	14.02	1	10	940	3.5	2	80	4	83	13	1.2	-2	9	-5	3.67	39	0.38	-1	-4	24	-100	82	5.9	13.1	-3	-5	1.3	-500	1.6	0.6	14	-100	1	4.3	2.5	64
126645	12.57	0.8	9.1	920	4.8	1	75	5	81	11	1.3	-2	9	-5	3.6	37	0.39	-1	-2	26	-100	86	5.9	12.9	-3	-5	1.16	-500	1	0.9	13	-100	2	4.8	2.5	68
126646	13.75	1.2	7.9	1100	4.8	2	81	5	80	11	1.2	5	10	-5	3.53	38	0.39	-1	-4	25	-100	89	6	12.8	-3	-5	1.39	-500	1	0.8	14	-100	-1	5.1	2.6	64
126647	13.23	1.2	11	1000	2.9	2	95	5	88	13	1.3	5	9	-5	3.87	46	0.42	-1	-5	37	-100	93	7.2	14.1	-3	-5	1.29	-500	1.2	1	15	-100	2	6.5	2.8	63
126648	14.57	1	10	1000	2.5	2	83	5	83	13	1.5	-2	10	-5	3.78	42	0.41	-1	-2	27	-100	100	6.7	13.8	-3	-5	1.4	-500	0.8	0.9	13	-100	-1	5.2	2.8	69
126649	16.47	0.9	7	950	2.5	2	73	4	76	12	1.3	-2	10	-5	3.66	35	0.39	-1	-4	23	-100	92	5.8	12.8	-3	-5	1.51	-500	1.4	0.9	11	-100	1	4.8	2.6	71
126650	14.46	1	8.9	1000	1.5	2	89	4	80	13	1.4	-2	10	-5	3.88	42	0.43	-1	-2	29	-100	88	7.2	14.3	-3	-5	1.41	-500	1.3	1.3	14	-100	2	4.9	3	61
126651	13.6	1.1	11	970	4.8	2	90	6	77	13	1.4	-2	9	-5	3.94	43	0.43	-1	-4	26	-100	89	7	13.8	-3	-5	1.27	-500	1.9	1.1	18	-100	-1	6.9	2.9	62
126652	14.48	0.9	6.7	1000	1.9	2	82	4	80	13	1.4	-2	11	-5	3.71	40	0.45	-1	-2	24	-100	110	6.6	13.5	-3	-5	1.43	-500	1.6	0.9	15	-100	1	5.5	3	60
126653	14.79	1	8.9	930	6.8	2	100	6	61	12	1.5	-2	11	-5	3.97	46	0.56	-1	-5	23	-100	95	8	14.6	-3	-5	1.33	-500	2.1	1	26.3	-100	-1	9.1	3.7	56
126654	12.9	1.2	12	910	4.7	1	80	3	82	13	1.2	-2	7	-5	3.55	41	0.38	-1	-4	30	-100	77	6.3	12.7	-3	-5	1.34	-500	1.3	1.1	13	-100	-1	5	2.5	59
126655	14.7	1.1	9.1	960	3.1	2	77	4	81	14	1.4	8	10	-5	3.77	37	0.41	-1	-4	25	-100	86	6.2	12.8	-3	-5	1.37	-500	1.4	0.8	12	-100	1	3.9	2.8	66
126656	14.2	1.1	10	940	6.1	1	67	3	79	10	1.2	-2	8	-5	3.36	34	0.36	-1	-4	24	-100	70	5.4	11.8	-3	-5	1.2	-500	1.2	0.8	10	-100	1	3.9	2.4	55
126657	17.03	0.9	8	1000	4.1	3	76	6	71	12	1.4	-2	11	-5	3.67	36	0.41	-1	-4	22	-100	100	5.9	13.7	-3	-5	1.5	-500	1.1	0.8	14	-100	2	5.3	2.7	71
126658	15.92	0.9	8.2	1000	1.9	2	87	5	75	12	1.5	-2	16	-5	3.58	41	0.47	-1	-4	28	-100	94	6.6	14.2	-3	-5	1.53	-500	1.1	0.9	15	-100	2	6.2	3	58
126659	14.21	1.1	10	1000	3.4	2	86	4	78	11	1.4	11	11	-5	3.38	43	0.41	-1	-4	24	-100	76	6.3	12.9	-3	-5	1.29	-500	1	1	14	-100	2	5.1	2.7	53
126660	14.17	1.1	17	1000	2.8	2	82	5	77	12	1.3	10	10	-5	3.74	42	0.39	-1	-4	22	-100	77	6.2	13.4	-3	-5	1.31	-500	1.1	0.8	15	-100	2	8	2.5	61
126661	11.89	1	12	1000	5.6	1	90	5	73	9	1.1	-2	8	-5	3.79	41	0.38	-1	-4	27	-100	94	5.7	11.4	-3	-5	1.01	-500	0.9	0.7	16	-100	3	8.2	2.5	69
126662	14.8	1.4	14	1100	3.3	2	110	6	75	13	1.7	-2	11	-5	4.26	65.7	0.46	-1	-6	41	-100	100	8.2	15.3	-3	-5	1.3	-500	1.1	0.9	20	-100	2	14	3.1	67
126663	13.87	1.1	7.8	1000	4.8	2	87	5	65	12	1.5	18	11	-5	3.96	44	0.45	-1	-4	28	-100	100	6.6	13.6	-3	-5	1.44	-500	0.9	0.8	14	-100	2	5.5	3	71
126694	13.6	0.7	4.1	1100	3.1	2	95	5	59	7	1.4	-2	10	-5	2.32	46	0.44	-1	-2	35	-100	82	7	11.5	-3	-5	1	-500	1.2	1.1	15	-100	-1	6.4	2.6	80
126695	14.23	1	9.4	1100	1.7	2	92	5	61	11	1.5	-2	10	-5	3.25	42	0.42	-1	-2	32	-100	75	6.7	11.3	-3	-5	1.04	-500	1.4	1	15	-100	3	4.7	2.6	93
126696	13.45	0.9	7.7	980	0.8	2	99	4	61	10	1.5	-2	12	-5	3.02	45	0.49	-1	-2	37	-100	83	7.3	11	-3	-5	1.06	-500	1	0.9	15	-100	3	5.3	3	87
126697	12.19	1	7.6	1200	1.3	2	95	4	60	9	1.4	-2	9	-5	2.97	45	0.42	-1	-5	35	-100	79	6.7	11.3	-3	-5	1	-500	1	0.9	14	-100	2	7.4	2.6	77
126922	14.98	0.6	3.2	1100	1.7	2	82	3	50	7	1.3	-2	10	-5	2.17	41	0.38	-1	-4	27	-100	69	6.5	10	-3	-5	1.03	-500	1.3	0.9	12	-100	-1	8	2.6	50
126923	14.41	0.8	2.5	1100	0.9	2	84	4	56	8	1.4	-2	9	-5	2.15	42	0.42	-1	-5	31	-100	74	6.6	10.3	-3	-5	1.06	-500	1.3	0.9	12	-100	-1	8.8	2.7	66
126924	10.22	1	8.2	1200	1.2	2	94	4	64	10	1.6	-2	12	-5	3.17	47	0.49	-1	-5	37	-100	77	7.8	12	-3	-5	1.01	-500	1.7	1.2	15	-100	-1	10	3.2	72
126925	12.51	0.7	3.2	1000	1.2	2	83	3	57	6	1.3	-2	11	-5	2.31	40	0.43	-1	-4	27	-100	60	6.6	10	-3	-5	1.09	-500	1.6	1.1	12	-100	-1	5	2.8	50
126926	15.72	0.9	8.9	990	2.1	1	78	3	67	9	1.2	-2	9	-5	2.93	36	0.38	-1	-4	28	-100	66	5.7	10	-3	-5	1.09	-500	1.1	0.5	11	-100	3	3.7	2.5	63
126927	14.58	0.7	4.5	1100	1.7	3	98	4	54	8	1.6	-2	14	-5	2.86	50	0.49	-1	-5	40	-100	86	8.3	13	-3	-5	1.24	-500	1.6	0.9	14	-100	-1	10	3.3	58
126928	13.29	1	6.3	1400	0.6	2	88	4	68	10	1.7	-2	9	-5	3.32	46	0.46	-1	-6	38	-100	84	7.4	11.6	-3	-5	1.05	-500	1.3	1	13	-100	-1	11	2.9	90

Company : Mayo Lake Minerals Inc.
Submitted by : Tyrell Sutherland
Date Received : 29-Aug-12
Date Reported : 31-Oct-12 & 25-Oct-12

T12-01779.0
& T12-01775.0

Becquerel
A Maxxam Company
6790 Kitimat Rd, Unit #4
Mississauga, ON,Canada,L5N 5L9
Ph: (905) 826-3080 Fax : (905) 826-4151
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Acme file # : WHI12000585 & WHI12000581
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

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
126929	15.87	0.7	2.8	1100	1.8	2	97	3	57	8	1.6	-2	12	-5	2.33	50	0.46	-1	-5	30	-100	65	7.7	11.1	-3	-5	1.12	-500	1.4	1.2	14	-100	-1	12	3	52
126930	16.89	0.9	2.9	1000	-0.5	2	89	2	55	6	1.4	-2	11	-5	2.02	46	0.41	-1	-4	30	-100	61	6.9	10	-3	-5	1.21	-500	1	0.8	12	-100	1	6.1	2.8	-50
126931	14.12	0.7	5.7	1500	2.4	2	88	4	53	9	1.5	-2	8	-5	2.9	43	0.39	-1	-5	29	-100	75	6.6	11.5	-3	-5	1.09	-500	1	0.8	12	-100	2	16	2.5	64
126932	17.56	0.7	3.6	870	-0.5	2	77	2	44	6	1.4	-2	10	-5	2.08	38	0.39	-1	-3	25	-100	48	6.2	8.5	-3	-5	1	-500	1.2	0.9	11	-100	2	4.5	2.6	-50
126933	16.47	0.7	4.8	1000	1.9	2	92	3	62	8	1.4	-2	12	-5	2.66	51.8	0.44	-1	-4	29	-100	72	7.5	11.5	-3	-5	1.14	-500	1.5	0.9	14	-100	2	7.5	2.9	58
126934	11.27	0.8	4.8	1200	3	2	87	4	56	10	1.5	-2	7	-5	2.83	44	0.38	-1	-6	27	-100	81	6.7	10.6	-3	-5	1	-500	1	1.1	12	-100	1	15	2.5	72
126935	13.32	0.8	3.5	1100	2	2	98	4	59	10	1.5	-2	10	-5	2.63	49	0.44	-1	-5	32	-100	74	7.5	12.6	-3	-5	1.07	-500	1.3	1	15	-100	-1	12	2.8	66
126936	13.1	0.8	7.8	1100	1.1	2	77	4	61	10	1.4	-2	8	-5	3.76	40	0.38	-1	-5	27	-100	71	6.3	10.7	-3	-5	1.04	-500	1	0.7	12	-100	-1	10	2.5	75
126937	13.03	0.8	7	1100	2.2	2	83	3	58	8	1.4	-2	7	-5	2.56	42	0.38	-1	-7	31	-100	61	6.5	10.7	-3	-5	1	-500	1.2	0.9	12	-100	2	19	2.5	70
126938	14.13	0.7	3.5	990	-0.5	2	83	2	53	6	1.4	-2	10	-5	2.08	42	0.41	-1	-4	28	-100	60	6.6	8.8	-3	-5	1.02	-500	1.4	0.9	11	-100	2	4.1	2.7	-50
126939	11.55	1.1	8.3	1200	-0.5	2	88	4	68	11	1.5	-2	7	-5	3.29	44	0.41	-1	-2	32	-100	85	6.7	11.3	-3	-5	1.02	-500	0.9	0.9	13	-100	3	3.4	2.6	89
126940	14.14	1.1	8.2	1300	-0.5	2	88	4	70	11	1.4	-2	7	-5	3.41	44	0.4	-1	-4	26	-100	74	6.8	11.6	-3	-5	1.03	-500	1.3	0.9	13	-100	-1	3.7	2.7	82
126941	10.41	0.8	8.3	1200	2	2	79	4	63	12	1.3	-2	6	-5	3.95	39	0.36	-1	-4	28	-100	89	6.3	11.4	-3	-5	0.91	-500	1.1	0.8	11	-100	-1	7	2.4	78
126942	16.77	0.7	3.6	950	-0.5	2	80	2	55	7	1.4	-2	11	-5	2.36	41	0.41	-1	-4	24	-100	56	6.4	10.4	-3	-5	1.14	-500	1.6	1	11	-100	1	4	2.8	-50
126943	16.93	0.9	6.3	870	1.7	2	79	3	56	10	1.4	-2	9	-5	2.47	38	0.36	-1	-1	26	-100	52	6.1	10.1	-3	-5	1.09	-500	1.1	0.8	12	-100	1	3.3	2.4	55
126944	15.61	0.7	6.4	850	3.3	2	75	4	63	13	1.2	-2	9	-5	3.39	35	0.36	-1	-4	25	-100	66	6.1	12.2	-3	-5	0.89	-500	1.1	0.9	12	-100	-1	3.4	2.3	62
126945	12.37	1.1	11	950	1.5	1	93	3	84	11	1.4	-2	13	-5	3.24	44	0.45	-1	-4	32	-100	67	7.1	11.4	-3	-5	1.08	-500	1.1	1	14	-100	2	4.1	3	60
126946	14.03	1	10	1000	1.8	1	85	4	73	12	1.3	-2	9	-5	3.34	40	0.4	-1	-4	28	-100	63	6.2	12	-3	-5	1.1	-500	1.3	0.9	13	-100	-1	5.8	2.6	73
126947	15.76	0.9	7.6	750	1.3	2	73	2	49	6	1.1	-2	11	-5	2.64	34	0.37	-1	-4	23	-100	43	5.2	10	-3	-5	0.93	-500	1.1	0.7	11	-100	2	3.6	2.4	-50
128223	15.01	1.1	13	670	7.7	-1	74	2	86	8	1.1	-2	14	-5	2.94	35	0.44	-1	-4	26	-100	46	5.5	9.4	-3	-5	0.76	-500	1	0.7	10	-100	-1	4.3	2.8	61
128224	13.73	1.5	20	920	4.3	1	76	3	92	13	1.3	5	12	-5	3.62	36	0.47	-1	-4	31	-100	61	6.2	12.8	-3	-5	0.84	-500	1.1	1	10	-100	2	4	2.9	81
128225	12.37	1.2	14	870	12	1	76	3	94	10	1.2	9	13	-5	3.3	36	0.45	-1	-5	29	-100	56	5.9	11.1	-3	-5	0.81	-500	0.8	0.7	10	-100	3	4.2	2.9	71
128226	12.46	1	8.2	870	4.8	-1	66	3	82	7	1	-2	10	-5	2.8	32	0.41	-1	-4	23	-100	57	5.2	10.6	-3	-5	1.03	-500	0.9	0.6	8.8	-100	3	3.9	2.6	62
128227	15.7	1	13	690	6.9	4	61	4	140	33	1.5	4	12	-5	6.36	30	0.44	-1	-2	24	-100	34	6.1	23.6	-3	-5	0.95	-500	1.1	1.2	7.4	-100	-1	3.5	3.1	120
128228	14.23	1.4	15	930	5.2	2	73	4	120	14	1.3	4	13	-5	4	35	0.43	-1	-4	26	-100	51	5.9	14.2	-3	-5	1	-500	0.8	0.7	10	-100	1	4.4	3	73
128229	15.07	1.4	14	860	5.1	1	79	4	100	9	1.2	-2	14	-5	3.45	39	0.47	-1	-4	25	-100	57	6.2	11.8	-3	-5	1	-500	1.1	0.9	11	-100	2	4.3	3	56
128230	14.19	1.5	20	800	12	1	81	3	95	7	1.2	6	15	-5	3.11	38	0.48	-1	-4	30	-100	53	6.3	10.7	-3	-5	0.76	-500	0.8	0.9	11	-100	2	4.7	3.2	-50
128231	12.52	1.4	11	980	1.7	2	56	12	86	27	1.5	4	8	-5	5.23	27	0.41	-1	-4	23	-100	45	5.6	20.6	-3	-5	0.84	-500	0.6	0.8	7.1	-100	2	3.1	2.8	88
128232	11.93	1.4	13	950	4.8	1	72	5	90	10	1.1	4	10	-5	3.6	35	0.42	-1	-4	25	-100	68	5.8	12.9	-3	-5	1.02	-500	0.9	0.6	10	-100	1	3.4	2.8	62
128233	12.16	2	16	910	3.5	1	69	4	93	10	1.2	4	10	-5	3.68	34	0.42	-1	-1	27	-100	63	5.5	11.1	-3	-5	0.79	-500	1.2	0.8	10	-100	2	3.2	2.8	62
128234	13.26	1.2	11	810	4.6	1	64	3	90	6	1	-2	11	-5	3.03	32	0.42	-1	-4	22	-100	62	5	10.8	-3	-5	0.85	-500	1.2	0.7	8.6	-100	2	3.6	2.7	55
128235	14.34	1.1	10	820	4.7	1	61	3	83	8	1.1	-2	10	-5	3.11	30	0.37	-1	-4	20	-100	55	4.9	10.8	-3	-5	1.09	-500	1.3	0.6	8.9	-100	2	3	2.5	55
128236	10.75	1.3	18	1100	3.4	1	63	11	93	10	1.3	-2	8	-5	3.39	32	0.4	-1	-2	29	-100	58	5.7	12.7	-3	-5	1	-500	1.1	0.7	9.3	-100	1	3.9	2.6	66
128237	14.31	0.9	9.5	800	5.1	1	67	3	74	11	1.2	-2	10	-5	3.72	32	0.36	-1	-4	22	-100	51	5.3	10.4	-3	-5	1.03	-500	1	0.6	10	-100	2	3.5	2.4	63
128238	16.11	0.9	7.9	950	1.8	2	73	4	68	10	1.2	3	10	-5	3.06	34	0.39	-1	-4	24	-100	70	5.6	10.7	-3	-5	1.06	-500	1.2	0.9	10	-100	2	4	2.6	59
128358	17.36	0.8	7.7	1100	2	2	100	4	64	18	1.5	-2	16	-5	3.18	50	0.49	-1	-4	34	-100	61	7.9	12.6	-3	-5	1.09	-500	1.6	1	16	-100	2	5.7	3.2	120
128359	19.72	0.9	5.2	960	-0.5	2	84	3	56	7	1.5	-2	11	-5	2.47	45	0.41	-1	-4	28	-100	59	7.1	10	-3	-5	1.09	-500	1.1	1	12	-100	2	4	2.8	56
128360	17.94	0.7	4	1100	-0.5	2	98	3	49	9	1.5	-2	10	-5	2.51	49	0.41	-1	-4	30	-100	69	7.3	10.3	-3	-5	1.17	-500	1.6	0.9	14	-100	1	4.4	2.9	54
128361	17.57	0.9	7.8	1100	1.6	2	89	4	57	13	1.5	-2	10	-5	3.11	44	0.4	-1	-4	29	-100	77	6.6	10.9	-3	-5	1.06	-500	1.3	0.9	14	-100	2	4.5	2.6	67
128362	16.42	0.6	4.6	1000	1.4	2	81	5	62	13	1.5	-2	12	-5	3.41	41	0.41	-1	-4	27	-100	66	6.6	11.8	-3	-5	1	-500	1.3	0.8	13	-100	1	4.9	2.8	96
128363	18.58	0.8	5	1000	1	2	88	4	60	12	1.5	-2	10	-5	2.94	47	0.42	-1	-4	32	-100	66	7.1	11.1	-3	-5	1.1	-500	1.2	1	12	-100	2	4	2.9	130
128364	17.08	0.6	4.8	1000	1.2	2	96	3	55	18	1.5	-2	12	-5	3.33	50	0.43	-1	-2	28	-100	60	7.2	12.5	-3	-5	1.06	-500	1.2	1	13	-100	-1	5.3	3	130
128365	19.14	0.7	4.3	1000	1.7	3	95	3	58	8	1.8	-2	20	-5	2.96	49	0.53	-1	-5	31	-100	60	8	13.8	-3	-5	1.12	-500	1.4	1.2	14	-100	3	6.1	3.5	53
128366	18.06	0.6	5.3	930	1.5	2	76	4	54	9	1.4	-2	11	-5	2.79	38	0.4	-1	-4	27	-100	64	6.3	11.5	-3	-5	1.16	-500	1.3	0.9	13	-100	3	4.2	2.6	52
128367	13.85	0.6	4.2	1000	1.8	2	79	5	53	8	1.4	-2	11	-5	2.72	36	0.41	-1	-4	30	-100	74	6.2	11.5	-3	-5	1.06	-500	1.4	0.8	11	-100	1	4.2	2.6	65
128368	18	0.8	6.1	1000	2.4	2	95	2	52	12	1.5	-2	9	-5	2.75	44	0.38	-1	-4	33	-100	63	6.7	10.3	-3	-5	1.14	-500	1.2	0.8	14	-100	2	3.6	2.5	70
128369	11.36	0.6	6.4	1000	2.1	-1	63	6	68	5	1	-2	8	-5	2	30	0.37	-1	-4	25	-100	92	4.4	10.1	-3	-5	0.89	-500	1.4	-0.5	8.1	-100	2	3.6	2.4	-50
128370	16.63	0.6	5.1	940	-0.5	3	95	4	61	10	1.7	-2	13	-5	3.6	42	0.48	-1	-4	34	-100	76	7	13.6	-3	-5	1.2	-500	1.7	1.1	13	-100	2	4.6	3.1	88
128371	19.12	0.6	7	890	1.7	2	82	4	57	9	1.3	-2	10	-5	3.13	40	0.4	-1	-4	28	-100	64	6.2	11.4	-3	-5	1.13	-500	1	0.8	13	-100	2	4.6	2.7	-50
128372	13.6	0.5	4.1	1000	1.7	2	90	5	66	10	1.7	-2	15	-5	3.22	45	0.49	-1	-5	29	-100	88	7.2	13.8	-3	-5	1.21	-500	1.2	1	18	-100	2	10	3.1	70

Company : Mayo Lake Minerals Inc.
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T12-01779.0
& T12-01775.0

Becquerel
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Acme file # : WHI12000585 & WHI12000581
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

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
128373	13.8	0.6	2.2	1000	1.3	3	90	5	68	8	1.5	-2	18	-5	3.13	45	0.53	-1	-5	32	-100	95	7.4	14	-3	-5	1.2	-500	1.7	1	16	-100	2	8.9	3.4	60
128374	14.56	0.7	4.9	1000	0.6	3	110	4	71	9	1.7	-2	13	-5	3.17	60.3	0.47	-1	-5	47	-100	95	8.7	13.3	-3	-5	1.36	-500	1.4	1.1	16	-100	3	9.3	3.2	57
128375	16.59	0.9	5.3	1100	-0.5	2	98	3	57	9	1.5	-2	10	-5	2.86	46	0.41	-1	-4	32	-100	72	7	11.5	-3	-5	1.16	-500	1.2	1	15	-100	-1	5	2.8	61
128376	16.41	0.8	5.6	1100	0.7	2	96	3	67	9	1.6	-2	10	-5	2.89	48	0.43	-1	-4	30	-100	81	7	11.1	-3	-5	1.34	-500	1.3	0.9	13	-100	2	4.2	2.9	51
128377	18.59	0.7	4.8	1000	0.5	2	91	3	55	8	1.6	-2	10	-5	2.69	47	0.42	-1	-4	32	-100	69	7.1	11.1	-3	-5	1.31	-500	1.1	1	13	-100	2	4.8	2.8	51
128378	17.36	0.8	3.6	1000	-0.5	2	90	3	58	8	1.5	-2	11	-5	2.7	44	0.43	-1	-4	30	-100	83	6.7	11.1	-3	-5	1.22	-500	1.6	1	12	-100	2	4.4	2.9	56
128379	12.41	0.9	7.3	1000	2.1	4	98	4	63	13	1.9	-2	14	-5	3.79	40	0.51	-1	-5	31	-100	100	7.5	15.4	-3	-5	1.52	-500	1.7	0.9	17	-100	3	6.6	3.4	83
128380	13.82	0.8	5.4	1100	2.4	2	92	5	59	11	1.4	-2	13	-5	2.92	49	0.48	-1	-6	39	-100	92	7.7	12.7	-3	-5	1.25	-500	1.6	1	17	-100	2	10	3.1	55
128381	14.45	0.8	4.6	1100	2.2	2	110	6	60	10	1.9	-2	13	-5	3.35	56.4	0.52	-1	-6	43	-100	110	9	14.2	-3	-5	1.4	-500	1.4	1	20	-100	2	11	3.6	66
128506	16.53	0.8	8.2	920	2.5	2	69	4	76	13	1.1	21	9	-5	3.42	33	0.36	-1	-2	26	-100	64	5.3	10.9	-3	-5	1.04	-500	1.1	0.7	10	-100	4	3.2	2.4	91
128507	18.79	0.7	7.7	1100	1.2	2	97	3	54	9	1.3	-2	9	-5	2.53	44	0.4	-1	-4	28	-100	63	6.7	10.3	-3	-5	1.05	-500	0.9	0.9	14	-100	2	4.2	2.7	68
128508	18.46	0.7	4.7	840	2.8	3	80	2	56	17	1.5	-2	9	-5	3.31	38	0.37	-1	-2	31	-100	46	6.1	13.5	-3	-5	1.19	-500	1	0.7	13	-100	2	3.5	2.6	62
128509	13.68	0.6	4.6	1100	1	1	76	4	73	9	1.3	-2	10	-5	2.71	36	0.37	-1	-5	27	-100	70	5.6	11.4	-3	-5	1.06	-500	0.9	0.7	10	-100	3	3.5	2.5	92
128510	18.59	0.7	5.7	970	-0.5	2	94	2	56	9	1.5	-2	11	-5	2.45	43	0.4	-1	-4	31	-100	42	6.7	10.6	-3	-5	1	-500	1.3	1.1	13	-100	1	4.1	2.8	52
128511	13.39	0.7	4.5	1100	1.3	2	93	4	69	9	1.7	-2	16	-5	2.74	44	0.48	-1	-5	34	-100	70	7.1	12.3	-3	-5	1.14	-500	1.1	1	13	-100	-1	5.4	3.2	120
128512	16.3	0.8	3.6	1100	-0.5	2	84	3	67	10	1.5	-2	10	-5	2.76	40	0.41	-1	-5	37	-100	63	6.4	10.9	-3	-5	1	-500	1.3	0.9	11	-100	-1	4	2.7	86
128513	18.48	0.9	6	1200	1.1	3	87	3	71	11	1.5	-2	11	-5	3.41	43	0.43	-1	-5	33	-100	90	6.8	13.4	-3	-5	1.12	-500	1	0.8	12	-100	-1	3.7	2.9	81
128514	16.12	1.1	8.6	1200	1.2	2	90	3	58	10	1.3	5	9	-5	2.91	43	0.41	-1	-5	38	-100	72	6.6	10.8	-3	-5	0.95	-500	1.1	0.9	13	-100	-1	4.1	2.7	83
128515	16.62	0.9	5.7	1200	0.7	2	85	4	62	9	1.4	-2	9	-5	2.76	41	0.4	-1	-5	35	-100	75	6.4	10.9	-3	-5	1	-500	1.2	0.8	13	-100	-1	4.6	2.7	74
128517	15.97	1.6	10	1700	0.7	3	75	4	87	11	1.3	-2	6	-5	3.63	36	0.4	-1	-4	29	-100	76	6	12.3	-3	-5	0.76	-500	0.9	0.7	10	-100	-1	3	2.6	160
128518	15.98	1.1	7.6	1300	0.7	2	83	4	67	11	1.4	-2	9	-5	3.34	40	0.39	-1	-4	29	-100	78	6.3	11.7	-3	-5	1	-500	1	0.8	12	-100	-1	3.4	2.7	95
128519	16.04	1.3	8.4	1400	0.5	2	78	4	76	13	1.4	-2	8	-5	3.37	38	0.41	-1	-4	32	-100	74	6.3	11.8	-3	-5	0.89	-500	0.5	1	10	-100	2	3.3	2.7	98
128520	18.25	1	7.5	1100	1.3	2	90	3	61	10	1.4	-2	10	-5	2.94	44	0.42	-1	-4	30	-100	73	6.9	11.3	-3	-5	1.05	-500	1.2	1	13	-100	-1	4.3	2.9	75
128521	20.47	0.8	5.5	840	1.4	2	100	2	45	7	1.6	-2	14	-5	2.28	49	0.42	-1	-4	31	-100	47	7.3	10.7	-3	-5	1.28	-500	1.2	0.9	15	-100	2	4.2	2.8	52
128522	18.88	0.8	5.4	910	1.5	2	90	2	57	8	1.4	-2	9	-5	2.27	42	0.4	-1	-4	30	-100	48	6.7	10	-3	-5	1.11	-500	1.3	1	12	-100	2	4	2.8	-50
128523	19.47	0.9	8	810	2.6	2	79	3	59	11	1.3	-2	10	-5	2.76	38	0.38	-1	-4	23	-100	62	5.7	10.2	-3	-5	1.09	-500	1.1	0.7	12	-100	1	4	2.5	58
128524	17.43	0.7	4.7	950	1.6	2	90	2	53	9	1.4	-2	9	-5	2.24	42	0.39	-1	-4	25	-100	52	6.4	10	-3	-5	1.16	-500	1.1	0.7	13	-100	-1	3.7	2.6	-50
128525	18.44	0.8	6.3	950	1.5	2	84	3	64	9	1.3	-2	10	-5	2.63	40	0.39	-1	-4	29	-100	61	6.2	10.3	-3	-5	1.14	-500	1.1	0.8	12	-100	1	3.6	2.7	51
128526	14.67	0.8	5.9	990	2.1	2	83	3	63	8	1.2	-2	9	-5	2.62	38	0.4	-1	-4	29	-100	61	5.9	10.2	-3	-5	1.06	-500	1.2	0.7	11	-100	3	3.9	2.6	-50
131829	16.26	0.8	8.5	470	3.5	-1	56	2	57	5	0.9	-2	13	-5	1.79	25	0.37	-1	-3	20	-100	31	4.1	6.4	-3	-5	0.48	-500	0.7	0.7	6.7	-100	3	2.8	2.4	-50
131830	16.46	0.9	15	800	7.8	1	61	4	74	18	1.1	-2	10	-5	3.53	28	0.39	-1	-4	22	-100	37	5	13.1	-3	-5	0.47	-500	1	0.9	7.2	-100	-1	3	2.6	86
131831	17	1	10	700	5.8	1	67	2	81	8	1.1	-2	14	-5	2.78	32	0.42	-1	-4	28	-100	42	5	9.4	-3	-5	0.79	-500	1	0.6	8.8	-100	2	3.4	2.6	57
131832	12.16	1.2	11	850	7.6	1	64	3	84	8	1.1	-2	8	-5	3.2	31	0.37	-1	-4	28	-100	54	5	11	-3	-5	1	-500	0.8	0.8	8.5	-100	2	3.1	2.5	62
131833	17.31	1	8.9	670	5.5	-1	78	2	89	7	1.2	4	15	-5	2.78	37	0.47	-1	-4	29	-100	45	5.7	10	-3	-5	0.81	-500	1.1	0.9	10	-100	-1	3.7	3	-50
131834	16.51	1.1	10	760	4.4	1	82	3	100	8	1.3	-2	13	-5	3.19	40	0.48	-1	-4	28	-100	56	6.3	10.9	-3	-5	0.8	-500	0.9	0.8	10	-100	-1	3.8	3.2	-50
131835	11.46	1.3	13	780	10	1	64	3	83	9	1	-2	8	-5	3.35	29	0.35	-1	-4	26	-100	52	4.6	10.2	-3	-5	0.94	-500	0.9	0.6	9.1	-100	-1	3.1	2.2	58
131836	15.23	1.3	12	860	1.7	-1	59	4	77	5	0.8	-2	10	-5	2.75	28	0.38	-1	-4	25	-100	46	4.5	8.8	-3	-5	0.61	-500	0.8	0.7	7.9	-100	2	2.8	2.4	-50
131837	12.83	1.3	15	1000	8.6	1	74	5	96	15	1.2	6	10	-5	3.39	34	0.43	-1	-5	29	-100	58	5.6	11.8	-3	-5	0.84	-500	1.5	0.9	10	-100	2	3.3	2.8	100
131838	8.42	1.2	26	860	5.7	-1	47	4	79	8	0.8	-2	6	-5	3.66	22	0.32	-1	-3	23	-100	56	3.6	12.4	-3	-5	0.42	-500	0.9	-0.5	6.2	-100	2	2.7	1.9	71
131839	11.98	1.7	16	1000	5.5	1	78	5	95	10	1.2	-2	11	-5	3.45	36	0.49	-1	-5	30	-100	66	5.9	11.9	-3	-5	0.87	-500	1.1	0.8	10	-100	3	3.7	3	72
131840	12.85	1.6	15	1100	7	-1	76	5	98	9	1.2	10	12	-5	3.43	36	0.45	-1	-5	28	-100	64	5.9	12	-3	-5	0.88	-500	1.1	0.8	10	-100	3	4.1	3.1	75
131841	9.66	1.6	15	950	3.9	-1	60	5	86	6	1	-2	8	-5	3.66	28	0.38	-1	-5	25	-100	62	4.5	10.6	-3	-5	0.79	-500	0.9	0.8	8.5	-100	-1	3.4	2.4	71
131842	12.89	1.6	12	870	4	-1	65	4	88	7	1	-2	10	-5	3.43	31	0.39	-1	-4	24	-100	60	5	10.5	-3	-5	0.85	-500	0.9	0.7	9	-100	3	3.7	2.5	55
131843	14.22	1.8	11	1100	3.2	1	99	4	89	16	1.7	-2	8	-5	3.14	39	0.43	-1	-4	34	-100	64	7.9	12.4	-3	-5	1.19	-500	1	1.2	10	-100	2	4.5	2.9	66
131844	13.99	1	10	880	5.8	1	72	4	82	11	1	-2	9	-5	3.56	33	0.36	-1	-4	24	-100	65	5.2	10.9	-3	-5	1.09	-500	1.2	0.7	10	-100	4	3.2	2.4	65
131845	16.78	1.2	8.9	890	1.6	2	71	3	81	8	1.1	-2	10	-5	3.09	32	0.37	-1	-4	26	-100	53	5.2	11.1	-3	-5	1.33	-500	1.1	0.6	10	-100	4	3.4	2.5	57
131846	14.6	0.8	9.4	1100	3.6	1	65	4	88	7	1.1	-2	10	-5	3.23	32	0.4	-1	-4	24	-100	78	5	11.1	-3	-5	0.94	-500	1.5	0.7	10	-100	3	3.3	2.6	58
131847	12.38	1	10	910	3.3	1	63	4	82	6	0.9	-2	11	-5	2.96	30	0.38	-1	-4	26	-100	76	4.7	10	-3	-5	0.83	-500	1.2	0.6	8.7	-100	-1	3.4	2.5	-50
131848	15.76	1	9.4	870	3.3	1	68	3	75	11	1.1	-2	10	-5	3.2	31	0.37	-1	-4	22	-100	59	5.1	10.6	-3	-5	1	-500	1.1	0.7	10	-100	-1	3.8	2.5	56
131849	15.41	1	10	910	2.7	2	88	4	71	11	1.5	-2	11	-5	3.55	40	0.41	-1	-2	29	-100	72	6.5	11.5	-3	-5	1.17	-500	1.4	1	13	-100	2	4.2	2.6	72

Company : Mayo Lake Minerals Inc.
Submitted by : Tyrell Sutherland
Date Received : 29-Aug-12
Date Reported : 31-Oct-12 & 25-Oct-12

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131850	16.72	1.1	10	1000	1.7	2	88	4	71	11	1.3	-2	10	-5	3.43	40	0.38	-1	-4	31	-100	78	6.3	10.8	-3	-5	1.05	-500	1.4	0.9	13	-100	3	3.7	2.6	86
131851	13.55	1.2	12	910	2.8	1	61	4	79	10	0.9	-2	9	-5	3.96	30	0.35	-1	-4	23	-100	70	4.5	10.8	-3	-5	0.89	-500	1.2	0.6	10	-100	3	3	2.2	70
131852	14.37	0.7	9	840	1	1	71	4	65	8	1	5	10	-5	3.54	32	0.35	-1	-4	23	-100	60	4.8	10.5	-3	-5	0.9	-500	1.5	0.5	10	-100	3	3.3	2.3	56
131853	17.93	0.8	8.2	760	0.7	2	83	3	51	10	1.4	9	14	-5	3.4	40	0.41	-1	-4	25	-100	54	6.2	11.8	-3	-5	0.93	-500	1.7	0.9	13	-100	-1	3.9	2.8	61
131854	16.72	0.5	4.6	780	1	2	59	3	42	6	1	-2	10	-5	2.37	28	0.33	-1	-1	23	-100	38	4.8	10.1	-3	-5	0.81	-500	1	0.6	8.3	-100	-1	3.1	2.1	-50
131855	13.68	0.8	6.5	1100	1	2	80	5	63	11	1.4	-2	6	-5	3.67	39	0.37	-1	-4	30	-100	85	6.1	11.6	-3	-5	0.94	-500	1.1	0.9	13	-100	-1	3.2	2.5	220
131856	10.5	0.8	8.9	1400	2	1	84	7	63	11	1.5	-2	6	-5	3.02	43	0.4	-1	-2	34	-100	77	7.5	11.1	-3	-5	0.82	-500	1.3	1	11	-100	-1	4.6	2.6	88
131857	14.22	0.6	4.2	1200	-0.5	2	83	4	54	9	1.4	-2	10	-5	2.98	41	0.38	-1	-2	31	-100	81	6.2	10.8	-3	-5	1	-500	1.5	0.8	13	-100	2	3.9	2.5	68
131858	16.75	0.9	4.9	1000	-0.5	2	88	2	53	8	1.4	-2	11	-5	2.55	44	0.42	-1	-4	34	-100	66	6.8	10	-3	-5	1.02	-500	1.1	1	12	-100	-1	3.8	2.7	58
131859	11.11	0.6	4	1100	1.3	1	70	5	57	9	1.3	-2	7	-5	2.63	34	0.34	-1	-2	31	-100	70	5.2	10.2	-3	-5	0.86	-500	0.8	0.6	11	-100	-1	3.7	2.2	73
131860	18.95	0.6	2.3	980	0.5	2	100	3	46	8	1.6	-2	11	-5	2.51	48	0.41	-1	-4	32	-100	56	7.3	10	-3	-5	1.12	-500	1.5	0.9	15	-100	3	4.4	2.8	-50
131861	18.37	0.9	7.4	1000	1.2	2	100	3	58	10	1.5	-2	12	-5	2.9	49	0.42	-1	-5	33	-100	66	7.1	11.1	-3	-5	1.11	-500	1.2	0.9	16	-100	-1	5.5	2.8	67
132491	18.01	1.1	7.9	1000	2.9	-1	68	3	87	6	1.1	-2	10	-5	1.98	34	0.43	-1	-4	25	-100	54	5.4	10.2	-3	-5	0.63	-500	1.3	0.8	9.4	-100	2	3.3	2.8	-50
132492	20.33	1.3	15	670	1.1	-1	57	3	75	4	0.9	-2	12	-5	1.99	27	0.4	-1	-4	22	-100	33	4.6	8	-3	-5	0.43	-500	0.9	0.6	8.3	-100	-1	2.9	2.5	-50
132493	18.05	1.2	20	940	4.2	1	74	3	91	17	1.3	-2	15	-5	3.86	36	0.48	-1	-5	32	-100	47	6	12.5	-3	-5	0.74	-500	1.3	0.9	10	-100	3	4	3	160
132494	19.96	0.8	11	630	1.1	1	67	3	74	17	1.2	-2	15	-5	3.62	32	0.47	-1	-2	26	-100	42	5.7	11.9	-3	-5	0.46	-500	0.9	0.9	8.1	-100	4	3.4	3.1	88
132495	16.46	1.2	15	870	2.7	1	82	3	84	10	1.4	-2	11	-5	3.35	39	0.46	-1	-5	34	-100	52	6.5	11.8	-3	-5	1.13	-500	0.9	1	11	-100	2	4.6	3	81
132496	14.92	0.8	8.4	1100	-0.5	4	130	9	59	12	1.6	-2	10	-5	4.03	56.3	0.42	-1	-6	41	-100	100	7.7	19.1	-3	-5	1.83	-500	1.5	1.1	17	-100	3	4	2.9	71
132497	10.8	1	8.1	760	7.9	2	55	4	63	7	1	-2	10	-5	3.15	27	0.36	-1	-5	20	-100	57	4.1	11.5	-3	-5	1.1	-500	1.2	0.5	10	-100	3	3.4	2.2	58
132498	17.71	0.9	7.4	950	2.3	2	97	4	89	13	1.6	-2	16	-5	3.88	44	0.5	-1	-3	29	-100	76	6.5	15.1	-3	-5	1.46	-500	1.3	0.8	12	-100	3	5	3.2	66
132499	12.94	1.2	11	960	6.8	2	81	5	80	10	1.2	-2	11	-5	3.76	39	0.39	-1	-5	31	-100	71	5.5	13.3	-3	-5	1.13	-500	1.2	1	13	-100	2	5.3	2.6	65
132500	13.89	1.1	7.9	1100	6.9	2	100	7	96	14	1.6	-2	9	-5	4.58	48	0.39	-1	-3	34	-100	95	7	17.2	-3	-5	1.16	-500	1.3	1	18	-100	-1	5.5	2.7	85
132501	12.67	1.4	13	1000	7.7	1	83	5	83	12	1.2	-2	7	-5	4.06	40	0.35	-1	-6	32	-100	90	5.7	13.1	-3	-5	1.02	-500	0.9	0.8	16	-100	-1	4.9	2.4	84
132502	14.67	0.9	8.9	1000	5.7	3	92	7	85	14	1.5	-2	15	-5	4.08	39	0.47	-1	-6	31	-100	120	6.6	16.8	-3	-5	1.29	-500	1.6	0.7	16	-100	4	4.7	3	71
132503	13.35	1.1	10	1100	-0.5	2	81	6	82	12	1.2	-2	9	-5	3.93	36	0.38	-1	-3	32	-100	91	5.4	13.2	-3	-5	1.24	-500	1	0.6	14	-100	4	5.7	2.5	77
132504	11.4	1.2	10	880	12	1	69	4	80	9	1	-2	8	-5	3.77	32	0.35	-1	-5	26	-100	83	4.8	11.5	-3	-5	1	-500	1.2	0.5	12	-100	-1	3.7	2.3	71
132505	15.14	1.2	11	1000	5.9	2	84	4	85	11	1.4	-2	11	-5	3.74	40	0.41	-1	-5	29	-100	87	6.1	14.2	-3	-5	1.33	-500	1.4	0.8	15	-100	3	5.4	2.8	62
132506	13.14	1.2	10	1000	5.2	1	81	5	85	10	1.1	-2	8	-5	3.79	39	0.39	-1	-5	31	-100	89	5.7	13	-3	-5	1.11	-500	1.2	0.6	15	-100	-1	5.6	2.6	79
132507	17.44	1.1	10	1100	3.8	2	97	4	86	11	1.5	-2	11	-5	3.7	47	0.44	-1	-6	37	-100	100	7	15.2	-3	-5	1.45	-500	1.6	1.2	17	-100	-1	6.3	3	66
132508	14.39	1.4	13	1100	4	1	86	4	88	13	1.3	-2	9	-5	3.84	41	0.43	-1	-5	32	-100	78	6.3	13.4	-3	-5	1.25	-500	1.2	0.8	13	-100	-1	4.8	2.8	69
132509	14.69	1.1	10	910	5.9	2	77	4	81	11	1.1	-2	10	-5	3.66	35	0.38	-1	-5	30	-100	81	5.6	12.2	-3	-5	1.14	-500	1.3	0.8	14	-100	-1	4.8	2.5	70
132510	14.32	1.2	13	1000	6.3	1	98	5	85	11	1.4	-2	13	-5	3.77	47	0.5	-1	-7	34	-100	79	7.4	13.7	-3	-5	1.18	-500	1.1	0.8	19	-100	-1	12	3.2	74
132511	15.81	1.3	15	1000	3.6	2	100	5	85	14	1.5	-2	11	-5	4.18	44	0.44	-1	-6	31	-100	94	6.9	14.3	-3	-5	1.29	-500	1.3	0.9	20	-100	2	8	3.1	84
132512	14.23	1.4	13	1000	5.1	2	96	4	86	12	1.5	-2	12	-5	3.73	44	0.48	-1	-3	36	-100	80	6.9	13.9	-3	-5	1.3	-500	1.4	1	16	-100	-1	5.5	3.2	76
132513	13.28	1.1	11	1000	3.6	2	87	5	83	11	1.4	-2	10	-5	3.9	39	0.45	-1	-6	35	-100	81	6.6	13.8	-3	-5	1.2	-500	1.2	0.9	14	-100	-1	4.4	3	71
132514	14.67	1.2	11	1200	3.2	2	99	6	85	14	1.5	-2	12	-5	4.32	43	0.54	-1	-6	36	-100	110	7.4	14.9	-3	-5	1.35	-500	1.6	1.1	19	-100	-1	5.8	3.5	75
132515	15.05	1.3	11	990	3.2	2	94	4	88	12	1.6	-2	14	-5	3.71	42	0.56	-1	-6	38	-100	91	7.4	13.8	-3	-5	1.52	-500	2	1	16	-100	-1	5.5	3.7	71
132516	13.98	1.3	13	970	3	1	87	4	79	14	1.5	-2	9	-5	3.59	41	0.48	-1	-3	38	-100	78	6.9	13.2	-3	-5	1.41	-500	1.5	0.8	15	-100	3	5.1	3.1	65
132517	14.7	1.3	13	1100	4	2	93	4	72	10	1.5	-2	9	-5	3.5	48	0.41	-1	-5	33	-100	86	6.7	12.4	-3	-5	1.33	-500	1.4	0.8	16	-100	2	5.3	2.6	60
132518	17.18	1.1	10	1000	0.9	2	93	4	80	11	1.6	-2	13	-5	3.57	45	0.48	-1	-5	34	-100	93	7.1	13.5	-3	-5	1.46	-500	1.5	1	18	-100	-1	5	3.1	60
132519	17.96	1.3	10	1000	3.2	2	94	4	79	10	1.6	-2	15	-5	3.49	47	0.48	-1	-5	30	-100	91	7.2	14.4	-3	-5	1.43	-500	1.2	1	17	-100	2	6.7	3.2	54
132520	11.89	0.9	10	1100	3.2	1	86	5	78	9	1.3	-2	8	-5	3.49	47	0.41	-1	-6	37	-100	78	6.8	12.5	-3	-5	1.14	-500	1	0.8	17	-100	2	10	2.7	61
132521	13.35	0.9	11	1000	-0.5	2	120	5	70	10	1.7	-2	16	-5	3.47	57.2	0.52	-1	-7	45	-100	84	8.6	15.7	-3	-5	1.33	-500	1.4	1	23.9	-100	7	17	3.3	56
132522	17.33	1.1	11	1000	2.8	2	92	5	73	13	1.3	-2	10	-5	4	43	0.38	-1	-5	31	-100	110	6.3	13.4	-3	-5	1.41	-500	1	0.7	16	-100	1	5.3	2.5	62
132523	11.91	1.3	12	990	6.9	2	86	6	77	10	1.2	-2	9	-5	3.84	39	0.37	-1	-5	30	-100	86	5.7	12.1	-3	-5	1.12	-500	0.7	0.8	19	-100	1	5.6	2.5	64
132524	14.75	1.2	13	1000	7	2	94	5	77	11	1.4	-2	10	-5	3.99	44	0.42	-1	-5	33	-100	88	6.4	13.6	-3	-5	1.2	-500	1	1	17	-100	-1	7.7	2.8	69
132551	12.33	0.8	6.8	1100	0.6	2	100	4	61	9	1.4	-2	11	-5	2.75	49	0.46	-1	-5	38	-100	70	7	11.4	-3	-5	1.01	-500	1	1	16	-100	-1	5.2	2.7	100
132552	14.74	1.1	11	1000	1.9	1	91	4	72	12	1.1	-2	9	-5	3.2	40	0.4	-1	-4	33	-100	70	6	11.3	-3	-5	1.06	-500	1.1	0.6	13	-100	-1	4.1	2.4	85
132553	10.57	1.1	7	1000	0.8	2	81	3	64	8	1.1	-2	8	-5	2.5	38	0.39	-1	-1	30	-100	65	6	10	-3	-5	1.05	-500	0.8	0.8	11	-100	2	5	2.4	60
132912	18.71	0.8	5.7	970	-0.5	2	86	3	65	7	1.4	-2	13	-5	2.46	43	0.46	-1	-4	30	-100	61	6.8	10.7	-3	-5	1.19	-500	1.4	0.8	12	-100	-1	5.2	3	-50

Company : Mayo Lake Minerals Inc.
Submitted by : Tyrell Sutherland
Date Received : 29-Aug-12
Date Reported : 31-Oct-12 & 25-Oct-12

T12-01779.0
& T12-01775.0

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

Acme file # : WHI12000585 & WHI12000581
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

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
132913	19.04	0.9	6.6	850	-0.5	2	80	2	52	8	1.3	-2	9	-5	2.38	38	0.36	-1	-4	33	-100	52	5.9	9.4	-3	-5	1	-500	1	0.7	13	-100	-1	3.4	2.4	-50
132914	18.91	0.8	7.2	860	-0.5	2	73	3	48	8	1.2	-2	9	-5	2.39	35	0.34	-1	-1	27	-100	52	5.4	8.8	-3	-5	0.9	-500	1	0.9	12	-100	-1	3.3	2.3	-50
132915	16.99	0.9	4.5	1000	-0.5	2	83	3	62	8	1.4	-2	9	-5	2.5	41	0.43	-1	-4	32	-100	55	6.8	10.6	-3	-5	1.17	-500	0.9	1	12	-100	1	4.4	2.8	-50
132916	17.56	1	7	1000	1	2	89	2	58	9	1.4	-2	9	-5	2.62	41	0.42	-1	-2	33	-100	52	6.6	10.4	-3	-5	1.04	-500	1.2	0.9	13	-100	-1	3.6	2.7	-50
132917	13.99	1	6.9	1200	-0.5	2	94	4	66	11	1.4	-2	10	-5	3.41	45	0.43	-1	-5	37	-100	87	7.1	12.1	-3	-5	1.08	-500	1.5	1	13	-100	-1	4.1	2.9	72
132918	15.92	1.2	8.8	1200	1.1	2	93	3	56	10	1.5	-2	8	-5	3.54	43	0.41	-1	-5	33	-100	66	6.9	11.1	-3	-5	1	-500	1.1	0.9	15	-100	-1	4	2.7	65
132919	11.26	1	5.5	1200	3.8	2	93	5	58	11	1.4	-2	7	-5	2.75	46	0.39	-1	-7	37	-100	87	6.8	11	-3	-5	1	-500	0.9	0.8	14	-100	-1	16	2.6	96
132920	14.27	0.7	3.5	1000	1.8	2	72	2	52	7	1.3	-2	7	-5	1.79	34	0.36	-1	-5	26	-100	54	5.7	8.8	-3	-5	1.05	-500	0.9	0.8	10	-100	-1	6.8	2.5	64
132921	15.5	0.8	2.5	1000	-0.5	2	81	2	49	7	1.4	-2	9	-5	2.05	39	0.42	-1	-5	35	-100	52	6.5	9.4	-3	-5	1.14	-500	0.9	0.9	11	-100	2	4.5	2.8	50
132922	16.44	0.8	4.3	1000	-0.5	2	80	2	54	9	1.3	-2	7	-5	2.69	38	0.39	-1	-4	29	-100	56	6.1	10	-3	-5	1.08	-500	1.1	0.8	11	-100	-1	2.8	2.5	64
132923	19.76	1	7.5	910	1.2	2	100	3	57	10	1.5	-2	11	-5	2.73	47	0.41	-1	-5	40	-100	53	7	10.8	-3	-5	1.03	-500	1.4	0.9	15	-100	-1	3.8	2.7	52
132924	18.42	0.7	3.7	1000	-0.5	2	95	3	45	6	1.5	-2	10	-5	2.2	44	0.43	-1	-5	35	-100	73	7	9.3	-3	-5	1.07	-500	1.3	0.8	13	-100	-1	4.4	2.8	-50
132925	17.54	0.8	5	980	1.5	2	99	3	49	7	1.5	-2	11	-5	2.36	47	0.44	-1	-5	37	-100	73	7.3	10.2	-3	-5	1.15	-500	1.4	0.9	14	-100	-1	5.6	3	56
132926	20.05	0.9	6.4	1100	-0.5	2	100	3	48	9	1.7	-2	11	-5	2.42	48	0.44	-1	-5	41	-100	63	7.9	10.8	-3	-5	1.16	-500	1.2	1	17	-100	2	5.2	3	57
132927	20.43	0.7	2.4	870	-0.5	2	75	2	40	5	1.4	-2	10	-5	1.8	43	0.39	-1	-3	29	-100	61	6.8	8.6	-3	-5	1.08	-500	1.5	1	11	-100	1	4.3	2.7	-50
132928	15.72	0.8	4.8	950	-0.5	2	87	3	53	7	1.4	-2	11	-5	2.45	47	0.43	-1	-4	31	-100	72	7.5	10.5	-3	-5	1.18	-500	1.4	1.1	13	-100	-1	7.6	2.9	53
132929	14.59	0.9	7.7	970	-0.5	1	59	3	47	6	1	-2	8	-5	2.49	30	0.31	-1	-4	22	-100	55	4.7	8.4	-3	-5	0.82	-500	0.9	0.6	10	-100	2	10	2.1	-50
132930	15.65	1.1	10	870	-0.5	2	69	3	65	9	1.2	-2	8	-5	2.94	35	0.35	-1	-1	25	-100	64	5.7	10.2	-3	-5	1.08	-500	1.1	0.8	11	-100	1	4.3	2.4	62
132931	17.46	0.9	6.3	990	-0.5	2	81	2	48	8	1.3	-2	9	-5	2.32	43	0.38	-1	-3	28	-100	55	6.7	10	-3	-5	1.04	-500	1.4	0.8	13	-100	-1	4.3	2.6	51
132932	17.27	1.1	7.8	1100	-0.5	2	79	3	59	9	1.4	-2	9	-5	2.71	42	0.38	-1	-1	28	-100	64	6.6	10.5	-3	-5	1.03	-500	1.3	0.9	12	-100	2	4.1	2.7	62
132933	15.34	0.9	13	1200	-0.5	2	80	3	44	12	1.2	-2	7	-5	2.76	44	0.36	-1	-10	31	-100	63	6.5	10.2	-3	-5	0.93	-500	0.6	0.8	12	-100	-1	35	2.2	65
132934	19.18	0.9	5	890	-0.5	2	80	2	46	6	1.4	-2	10	-5	2.03	43	0.37	-1	-1	26	-100	42	6.5	9.3	-3	-5	1.13	-500	0.9	0.9	11	-100	-1	3.9	2.5	-50
132935	18.23	1	7	960	-0.5	1	96	3	54	9	1.5	-2	9	-5	2.75	47	0.4	-1	-1	26	-100	42	7	10.7	-3	-5	1.05	-500	0.8	1.1	13	-100	1	4.1	2.8	54
132936	13.27	1.4	12	920	-0.5	2	71	4	68	8	1.2	-2	9	-5	3.51	36	0.36	-1	-1	25	-100	62	5.5	11.3	-3	-5	1.1	-500	1.5	0.7	13	-100	2	4	2.4	58
132937	21.27	0.9	5.8	820	-0.5	2	75	2	47	7	1.4	-2	10	-5	2.21	41	0.33	-1	-1	26	-100	47	6.1	10.5	-3	-5	1.24	-500	1.6	0.9	13	-100	-1	3.8	2.3	-50
132938	13.28	1	11	1200	-0.5	2	85	4	62	10	1.4	-2	6	-5	3.07	43	0.37	-1	-4	31	-100	80	6.7	11	-3	-5	1	-500	1.4	0.8	13	-100	1	4.5	2.5	89
132939	15.91	0.9	6.3	1100	-0.5	2	84	3	62	9	1.4	-2	11	-5	2.7	44	0.44	-1	-4	32	-100	69	7	10.8	-3	-5	1.05	-500	0.8	1	13	-100	1	4.7	2.9	56
132940	15.48	1	6.6	1100	-0.5	2	90	3	67	9	1.6	-2	13	-5	2.76	46	0.47	-1	-4	32	-100	72	7.4	11.4	-3	-5	1.06	-500	1.3	1.1	13	-100	3	4.7	3.1	58
137012	14.22	0.8	5.7	1100	-0.5	2	89	4	56	11	1.5	-2	8	-5	2.74	44	0.36	-1	-4	32	-100	71	6.8	11	-3	-5	1	-500	0.7	0.8	13	-100	1	4.7	2.5	74
137013	13.98	0.7	5.4	1400	2.2	2	98	8	71	11	1.6	-2	10	-5	3.8	55.4	0.42	-1	-5	30	-100	98	7.8	15.5	-3	-5	1.08	-500	1.2	1.1	19	-100	2	11	2.8	76
137014	14.14	1	10	1300	-0.5	2	95	5	63	12	1.3	-2	9	-5	3.23	47	0.41	-1	-5	33	-100	76	7.1	11.1	-3	-5	1	-500	1.3	0.9	13	-100	2	6.6	2.7	80
137015	15.64	0.5	3.3	1000	-0.5	2	76	5	53	9	1.2	-2	11	-5	2.9	38	0.37	-1	-4	26	-100	72	5.7	10.9	-3	-5	1	-500	1.6	0.8	12	-100	2	5.2	2.4	74
137016	14.88	0.7	6.1	1100	-0.5	2	90	4	55	13	1.4	-2	10	-5	3.17	45	0.41	-1	-4	38	-100	70	7.1	11.4	-3	-5	1	-500	1.3	0.7	13	-100	-1	4.2	2.7	81
137017	14.44	0.6	4.7	1100	-0.5	2	73	4	50	11	1.3	-2	9	-5	2.56	37	0.37	-1	-4	30	-100	75	6.1	10.4	-3	-5	1	-500	0.9	0.9	11	-100	1	4.8	2.5	110
137018	15.66	0.5	4.4	990	-0.5	2	79	3	44	15	1.4	-2	8	-5	2.58	38	0.37	-1	-4	28	-100	53	6.2	10.9	-3	-5	1.01	-500	1.3	0.9	11	-100	-1	4	2.4	110
137019	13.9	0.8	5.8	1100	-0.5	2	78	4	54	12	1.4	6	8	-5	2.79	40	0.37	-1	-2	33	-100	73	6.3	10.3	-3	-5	0.94	-500	1.1	0.8	12	-100	2	4.1	2.6	110
137020	12.89	0.6	4.5	1100	-0.5	2	74	5	49	12	1.2	-2	7	-5	2.93	38	0.35	-1	-4	31	-100	70	6.1	10.3	-3	-5	0.89	-500	0.9	0.8	12	-100	1	3.5	2.3	140
137021	16.68	0.7	5.1	1100	0.6	2	89	4	54	9	1.4	-2	10	-5	2.77	47	0.38	-1	-4	26	-100	71	7.1	11	-3	-5	1.1	-500	1.5	0.9	13	-100	1	5.1	2.7	60
137022	15.17	1	8.4	1200	1	2	91	4	64	10	1.4	-2	9	-5	3.06	46	0.41	-1	-4	29	-100	89	7	11.1	-3	-5	1.13	-500	1.4	1	14	-100	2	5.2	2.7	72
137023	13.67	0.6	5.1	1000	1.2	2	74	5	55	7	1.2	-2	8	-5	2.72	38	0.36	-1	-4	26	-100	81	5.9	10.4	-3	-5	1	-500	1.3	0.8	12	-100	2	4	2.4	61
137024	13.37	0.7	7.5	1100	2.2	2	87	5	56	8	1.4	-2	6	-5	2.73	41	0.36	-1	-4	32	-100	72	7.1	10	-3	-5	0.92	-500	1.2	0.9	11	-100	-1	4.2	2.5	71
137025	15.37	0.7	7.1	970	1.6	2	84	5	55	7	1.5	-2	10	-5	2.67	42	0.39	-1	-4	30	-100	62	7.3	10.8	-3	-5	1	-500	1.1	0.9	13	-100	2	5.4	2.7	60
137026	17.76	0.8	6	970	1.2	2	87	3	52	9	1.4	-2	9	-5	2.71	44	0.36	-1	-4	29	-100	71	6.6	10	-3	-5	1.08	-500	1.2	1	13	-100	-1	3.9	2.5	50
137027	17.41	0.9	6.2	1200	-0.5	2	81	4	50	9	1.3	-2	8	-5	2.76	43	0.36	-1	-3	26	-100	78	6.5	10	-3	-5	1.02	-500	1.3	0.8	12	-100	2	4	2.5	72
137028	17.09	0.8	7	1000	-0.5	2	87	4	60	8	1.5	-2	9	-5	2.77	45	0.38	-1	-4	29	-100	68	6.6	10.6	-3	-5	1.13	-500	1.3	0.9	13	-100	-1	6.6	2.6	54
137029	14.89	0.6	5.6	950	1	2	84	3	54	7	1.4	-2	9	-5	2.56	41	0.39	-1	-4	28	-100	63	6.5	10	-3	-5	1.08	-500	1	0.9	13	-100	1	6.5	2.6	-50
137030	13.21	0.6	5	1000	1.4	2	71	4	60	7	1.3	-2	8	-5	2.64	35	0.35	-1	-4	23	-100	74	5.5	10.2	-3	-5	1.04	-500	1.1	0.9	11	-100	2	7.5	2.4	54
137031	14.59	0.6	5	1000	1.1	2	88	4	65	10	1.5	-2	11	-5	2.8	47	0.44	-1	-5	29	-100	82	7.3	12.2	-3	-5	1.14	-500	1.5	1	15	-100	-1	10	2.9	-50
137032	14.6	0.6	3.7	1100	1.2	3	83	5	65	10	1.5	-2	13	-5	3.23	43	0.46	-1	-5	26	-100	90	7.3	15.1	-3	-5	1.31	-500	1.4	1.1	17	-100	2	10	3.1	62
137033	16.94	0.8	3.8	990	-0.5	2	91	3	58	8	1.5	-2	11	-5	2.62	46	0.42	-1	-4	29	-100	72	7	10.4	-3	-5	1.09	-500	1.1	0.9	13	-100	3	4.8	2.9	54

Company : Mayo Lake Minerals Inc.
Submitted by : Tyrell Sutherland
Date Received : 29-Aug-12
Date Reported : 31-Oct-12 & 25-Oct-12

T12-01779.0
& T12-01775.0

6790 Kitimat Rd, Unit #4
Mississauga, ON,Canada,L5N 5L9
Ph: (905) 826-3080 Fax : (905) 826-4151
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Acme file # : WHI12000585 & WHI12000581
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..

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
137034	13.64	0.9	5.6	1100	1.3	2	84	4	62	9	1.4	-2	9	-5	2.86	41	0.37	-1	-4	25	-100	89	6.4	11.1	-3	-5	1.05	-500	1.1	0.7	14	-100	-1	5.9	2.5	65
137035	16.63	0.7	4.9	1100	0.9	3	86	4	58	9	1.5	-2	12	-5	3.02	43	0.43	-1	-4	28	-100	71	7	12.4	-3	-5	1.17	-500	1.2	1.1	13	-100	2	6.3	2.8	56
137036	14.66	0.6	4.9	1100	1.1	2	76	4	69	8	1.2	4	13	-5	2.62	37	0.43	-1	-4	28	-100	75	6.2	11.5	-3	-5	1.24	-500	1.2	0.8	12	-100	3	4.9	2.7	53
137037	14.58	0.9	15	1300	1.6	2	97	5	64	12	1.6	-2	9	-5	3.77	48	0.41	-1	-5	31	-100	95	7.2	11.7	-3	-5	1.06	-500	1.2	0.9	15	-100	-1	10	2.6	79
137038	15.03	1	5.6	1300	1.8	2	100	4	63	11	1.6	-2	10	-5	3.28	51.8	0.43	-1	-5	40	-100	82	7.7	11.8	-3	-5	1.08	-500	1.2	1	15	-100	-1	12	2.8	78
137039	13.38	0.8	4.9	1200	1.5	2	100	5	61	10	1.5	-2	10	-5	2.96	52.3	0.43	-1	-6	35	-100	94	7.9	11.8	-3	-5	1.07	-500	1.6	1.3	16	-100	3	15	2.9	71
137040	13.87	0.9	5	1300	1.8	2	110	5	63	11	1.5	-2	9	-5	3.05	53.3	0.42	-1	-7	35	-100	94	7.8	11.8	-3	-5	1.05	-500	1	1	16	-100	3	18	2.9	88
137041	14.3	0.6	3.4	1100	0.6	2	74	5	49	10	1.2	-2	5	-5	2.8	37	0.31	-1	-5	25	-100	100	5.6	10.2	-3	-5	1.34	-500	1.3	0.8	13	-100	2	7.1	2.2	52
137042	13.97	0.9	6.6	1300	1.4	2	99	4	57	10	1.5	-2	8	-5	2.45	49	0.41	-1	-6	33	-100	81	7.2	10.9	-3	-5	1.04	-500	1.2	0.9	15	-100	-1	15	2.7	76
137043	16.26	0.8	4	1100	1.4	3	100	4	58	10	1.9	-2	14	-5	3.08	51.4	0.52	-1	-5	40	-100	91	8.8	13.6	-3	-5	1.35	-500	1.5	1.2	17	-100	-1	10	3.5	55
137044	13.57	0.7	3.6	1100	2.6	2	85	4	53	8	1.5	-2	11	-5	2.8	50.3	0.43	-1	-5	33	-100	79	7.9	11.4	-3	-5	1.17	-500	1.4	1	16	-100	2	12	2.9	50
137045	14.07	0.7	1.7	1100	1	3	74	5	56	7	1.3	-2	7	-5	2.62	44	0.38	-1	-4	29	-100	89	6.6	10.6	-3	-5	1.32	-500	1.1	0.9	13	-100	1	10	2.4	63
137046	15.31	0.6	1.7	1000	1.2	2	83	5	56	7	1.6	-2	9	-5	2.49	50	0.42	-1	-5	36	-100	93	7.6	11.1	-3	-5	1.22	-500	1.5	0.8	15	-100	1	10	2.7	50
137177	15.14	0.6	3.7	1000	1.3	2	73	4	60	8	1.2	-2	8	-5	2.23	36	0.36	-1	-3	23	-100	72	5.7	10	-3	-5	1	-500	1.1	0.8	11	-100	2	5.3	2.3	51
137178	18.32	0.8	6.8	1000	0.6	2	100	3	47	8	1.5	-2	10	-5	2.43	52.3	0.4	-1	-4	28	-100	57	7.6	10.1	-3	-5	1.08	-500	0.9	0.9	16	-100	2	5.5	2.7	-50
137179	15.09	0.5	3.3	880	1.4	2	71	3	52	6	1.2	-2	10	-5	2.13	35	0.34	-1	-3	24	-100	46	5.4	10	-3	-5	1	-500	1.1	0.8	11	-100	-1	4.3	2.3	-50
137180	11.92	0.6	3.3	1100	1.3	2	81	4	54	8	1.1	-2	8	-5	2.41	39	0.35	-1	-1	27	-100	66	5.9	10	-3	-5	0.92	-500	1.1	0.8	12	-100	2	4.2	2.3	57
137181	14.13	0.6	4.6	1000	1.7	2	84	4	61	13	1.2	-2	9	-5	2.98	42	0.37	-1	-4	29	-100	70	6.4	11.2	-3	-5	1	-500	1.3	0.8	15	-100	-1	6.3	2.5	56
137182	13.7	0.6	3.2	1200	1.3	2	83	4	63	9	1.3	-2	8	-5	2.66	41	0.38	-1	-4	27	-100	73	6.3	11	-3	-5	1	-500	0.9	0.9	13	-100	2	7.2	2.4	59
137183	14.18	0.5	4.7	1100	1.1	2	54	4	51	9	1	-2	4	-5	2.48	27	0.27	-1	-3	18	-100	69	4.3	9.2	-3	-5	1.02	-500	0.9	0.6	9	-100	-1	3.2	1.7	61
137184	15.61	0.5	2.2	1100	1.1	2	91	4	58	7	1.3	-2	9	-5	2.22	46	0.36	-1	-4	28	-100	75	6.5	11	-3	-5	1	-500	1.5	0.9	14	-100	2	5.3	2.3	56
137185	15.69	0.7	4.4	1100	-0.5	2	85	3	53	9	1.4	-2	10	-5	2.61	42	0.39	-1	-4	30	-100	62	6.6	10.6	-3	-5	1.05	-500	1.5	0.8	13	-100	2	3.5	2.6	57
137186	13.43	0.9	5.3	1100	1.4	2	73	3	57	9	1.2	-2	7	-5	2.68	36	0.34	-1	-4	23	-100	67	5.7	10.3	-3	-5	1	-500	1.1	0.8	11	-100	1	4.1	2.3	67
137187	16.77	1	4.8	1100	-0.5	3	77	3	58	9	1.5	-2	8	-5	2.67	39	0.41	-1	-1	31	-100	60	6.3	10	-3	-5	1.14	-500	1.1	1	11	-100	2	3.3	2.7	58
137188	13.77	0.6	5.4	960	1.7	2	68	3	62	8	1.2	-2	7	-5	2.55	32	0.36	-1	-4	26	-100	68	5.4	10	-3	-5	1.11	-500	1.2	0.8	9	-100	2	3.7	2.3	51
137189	13.13	0.7	3.1	1100	1.1	2	74	3	61	9	1.3	-2	8	-5	2.45	37	0.39	-1	-4	27	-100	65	6.1	10.9	-3	-5	1.08	-500	1	0.8	10	-100	2	4.5	2.5	66
137190	13.93	0.7	2.5	1000	0.9	3	82	3	64	10	1.3	6	11	-5	2.82	39	0.42	-1	-2	32	-100	63	6.6	12.1	-3	-5	1.03	-500	0.9	0.9	11	-100	2	5	2.8	71
137191	13.89	0.5	2.2	1100	2.4	2	78	5	65	9	1.6	-2	11	-5	2.51	40	0.45	-1	-4	33	-100	76	7.1	11.3	-3	-5	1.05	-500	1.2	0.9	11	-100	2	5.5	2.9	70
137192	14.92	0.8	4.4	1200	0.6	2	94	4	65	9	1.5	-2	10	-5	2.95	47	0.45	-1	-4	32	-100	79	7.5	12.1	-3	-5	1.04	-500	1.3	0.8	15	-100	2	5.1	2.9	69
137193	14.59	0.8	4.1	1100	1.1	2	84	4	66	9	1.3	-2	9	-5	2.74	41	0.42	-1	-4	30	-100	76	6.6	11.4	-3	-5	1.02	-500	1	0.9	12	-100	-1	5.1	2.6	71
137194	17.21	1.1	6.8	1100	-0.5	2	84	2	61	9	1.6	-2	9	-5	2.77	41	0.45	-1	-2	29	-100	56	6.7	10.4	-3	-5	1.21	-500	0.9	0.9	11	-100	2	3.9	2.9	67
137195	11.83	1.1	11	1300	4.1	2	100	8	76	19	1.9	-2	5	-5	4.2	55.5	0.49	-1	-5	48	-100	100	10	14.1	-3	-5	0.82	-500	0.9	0.9	14	-100	-1	6.1	3.1	99
137196	16.92	0.8	5.4	1000	1	2	86	4	72	9	1.4	-2	11	-5	2.85	41	0.44	-1	-4	35	-100	67	6.7	11.3	-3	-5	1.23	-500	1.1	0.9	12	-100	3	4.2	2.8	56
137197	12.48	0.7	4.2	1100	2	2	72	5	70	10	1.3	-2	7	-5	3.02	36	0.37	-1	-4	26	-100	79	6	11.4	-3	-5	1	-500	1.2	0.8	11	-100	1	4.1	2.4	76
137198	14.05	0.8	4	1200	0.7	2	77	4	70	11	1.3	-2	8	-5	2.93	38	0.38	-1	-4	25	-100	71	6.3	11.3	-3	-5	1.01	-500	1.5	0.9	11	-100	2	4.8	2.5	70
137199	16.08	0.9	5.4	1100	0.9	2	77	3	63	9	1.3	-2	9	-5	2.71	38	0.41	-1	-4	27	-100	64	6.3	10.5	-3	-5	1.02	-500	1.2	0.9	11	-100	-1	4.1	2.6	57
137200	15.51	0.7	3.8	1100	0.6	2	77	4	66	8	1.2	-2	10	-5	2.56	38	0.39	-1	-1	26	-100	62	6.3	10.9	-3	-5	1.04	-500	1.3	0.9	11	-100	2	4.6	2.6	51
137201	16.81	0.9	5.2	1100	-0.5	2	82	4	62	8	1.4	-2	9	-5	2.66	41	0.42	-1	-4	30	-100	72	6.8	10.8	-3	-5	1.12	-500	1.4	0.9	12	-100	2	5.9	2.7	-50
137202	13.3	0.7	4.7	1000	2	2	79	4	63	8	1.2	-2	8	-5	2.71	39	0.38	-1	-4	27	-100	79	6.3	10.9	-3	-5	1.05	-500	0.9	0.8	12	-100	2	5.1	2.4	54
137203	14.58	1	7.9	1300	0.9	2	83	4	71	10	1.5	-2	8	-5	3.25	43	0.41	-1	-4	32	-100	82	7.1	11.7	-3	-5	1.02	-500	1	1	13	-100	2	7.5	2.8	62
137204	12.86	1	10	1100	2.8	1	69	5	85	13	1.1	-2	7	-5	3.7	33	0.35	-1	-4	25	-100	76	5.6	13	-3	-5	1.03	-500	1.3	0.8	11	-100	2	4.4	2.3	54
137205	13.14	0.6	3.1	1000	2.3	3	87	4	81	12	1.5	-2	10	-5	3.66	42	0.43	-1	-5	34	-100	75	7.8	17.7	-3	-5	1	-500	1.5	0.9	11	-100	2	5.2	2.9	56
137206	12.47	0.7	3.4	1100	3.3	2	82	6	77	12	1.5	-2	10	-5	3.09	41	0.42	-1	-2	34	-100	81	7.2	14	-3	-5	1	-500	1.3	1	12	-100	2	6.1	2.8	86

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
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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 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
1575049	17.36	0.9	5.1	640	-0.5	-1	63	2	51	6	0.9	-2	8	-5	1.84	30	0.32	-1	-1	22	-100	49	4.8	7.3	-3	-5	1.08	-500	1.4	0.6	7.8	-100	-1	2.6	1.8	51
1575187	22.3	0.4	5.1	160	1.1	-1	23	-1	21	2	0.4	-2	8	-5	0.82	11	0.17	-1	-1	11	-100	-15	1.9	2.8	-3	-5	0.08	-500	-0.5	-0.5	3	-100	-1	1.4	0.9	-50
1575188	15.65	1	12	1000	2.2	2	73	5	76	12	1.3	-2	7	-5	3.84	36	0.4	-1	-6	26	-100	94	6.2	13.8	-3	-5	1.24	-500	1	0.7	12	-100	-1	11	2.3	99
1575189	15.69	0.9	7.1	1000	0.6	1	69	2	50	8	1.2	-2	7	-5	2.44	34	0.33	-1	-3	26	-100	61	5.4	9.1	-3	-5	1.05	-500	0.8	0.7	10	-100	-1	3.7	2	78
1575190	18.63	0.9	10	880	1.6	1	67	3	52	9	1.2	-2	7	-5	2.36	33	0.33	-1	-3	23	-100	55	5.2	10	-3	-5	1.06	-500	1	0.8	9.2	-100	-1	3.4	1.9	94
1575191	19.11	0.6	4.8	930	1.6	1	71	3	45	8	1.2	-2	7	-5	2.19	34	0.32	-1	-2	25	-100	54	5.3	8.7	-3	-5	0.88	-500	0.9	0.6	10	-100	2	3.4	1.8	70
1575192	17.82	0.7	3.7	960	-0.5	1	78	3	50	7	1.2	-2	8	-5	2.25	38	0.38	-1	-3	27	-100	63	5.9	10	-3	-5	1	-500	1.1	0.9	11	-100	-1	4.1	2.2	76
1575211	16.71	0.9	8.4	610	4.3	-1	50	2	59	12	0.9	-2	7	-5	2.52	24	0.33	-1	-1	18	-100	37	4.2	10	-3	-5	0.54	-500	0.6	0.6	6.4	-100	1	2.8	1.9	69
1575313	13.65	0.6	5.8	1000	1.3	2	71	3	46	7	1	-2	6	-5	2.25	35	0.34	-1	-2	25	-100	70	5.3	8.7	-3	-5	0.94	-500	0.8	0.8	10	-100	-1	5.5	1.9	77
1575314	17.04	0.6	5.7	930	0.7	1	72	3	42	6	1.3	-2	7	-5	2	35	0.37	-1	-4	25	-100	61	5.6	8.3	-3	-5	1	-500	0.9	0.7	10	-100	-1	4.4	2.1	66
1575351	14.58	1	16	940	5.1	2	81	4	75	13	1.5	-2	14	-5	3.28	45	0.51	-1	-9	32	-100	71	7.8	15.3	-3	-5	1.08	-500	1.4	1.1	12	-100	2	24	2.6	94
1575352	15.97	0.8	13	910	2.7	2	88	3	80	10	1.5	-2	20	-5	2.93	44	0.56	-1	-6	31	-100	63	8	13.8	-3	-5	1.17	-500	1.4	0.9	13	-100	2	15	3	71
1575353	14.85	0.6	4.8	1100	0.7	2	63	5	59	11	1.1	-2	5	-5	3.14	31	0.31	-1	-2	22	-100	96	5	11.4	-3	-5	1.15	-500	1.1	0.5	12	-100	2	5.7	1.8	75
1575360	17.22	0.6	4.7	840	0.5	1	83	2	43	6	1.2	-2	11	-5	1.94	40	0.39	-1	-2	28	-100	45	6.3	9.4	-3	-5	0.9	-500	1.2	0.8	12	-100	1	4.6	2.3	53

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 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
128516	13.51	0.3	1	730	-0.5	3	70	7	100	11	1.1	-2	8	-5	3.95	33	0.54	-1	-6	27	-100	96	6.2	14	-3	-5	0.65	-500	0.5	0.8	11	-100	5	5.2	3.1	130
1575208	14.69	2.6	24	-50	-0.5	-1	7	-1	33	-1	-0.2	-2	5	-5	5.3	4.1	0.08	-1	-1	-5	-100	-15	0.6	0.9	-3	-5	-0.01	-500	-0.5	-0.5	1.1	-100	-1	2.2	0.4	-50
1575209	13.5	0.5	2.1	93	-0.5	5	10	-1	22	7	3.1	-2	9	-5	1.81	66.3	0.7	-1	-2	82	-100	-15	16.4	0.5	-3	-5	0.03	-500	-0.5	2.1	1.2	-100	-1	-0.5	3.9	260
1575210	15.5	0.2	2.9	-50	-0.5	-1	4	-1	22	1	-0.2	-2	9	-5	7.44	3.5	0.1	-1	-1	-5	-100	-15	0.6	0.5	-3	-5	-0.01	-500	-0.5	-0.5	1.3	-100	-1	1.1	0.5	-50
1575233	12.46	0.5	4.3	430	-0.5	6	58	2	100	70	1	-2	3	-5	10.1	28	0.29	-1	-3	21	-100	37	5	30.3	-3	-5	0.86	-500	0.7	-0.5	11	-100	-1	3.2	1.7	140
1575234	17.86	0.2	2.7	-50	3.2	7	4	-1	-5	437	0.4	6	-1	-5	29.6	8.1	0.29	-1	-4	-5	320	-15	1.3	12.8	38	-5	0.4	-500	-0.5	-0.5	0.7	-100	3	1.2	1.4	-50
1575235	11.52	0.3	13	10600	-0.5	1	75	2	37	18	1.1	-2	7	-5	6.13	35	0.44	-1	-3	25	-100	57	6.5	15.7	-3	-5	1.63	-500	0.9	0.8	14	-100	3	3.6	2.7	58
1575236	13.88	0.3	2.7	190	-0.5	7	18	-1	-5	64	1.7	9	3	-5	17.2	9.5	0.42	-1	-4	13	-100	-15	5.1	57.8	-3	-5	1.04	-500	1.3	0.7	0.7	-100	3	-0.5	2.8	350
1575251	13.57	0.2	1	550	-0.5	-1	15	1	30	-1	0.3	-2	5	-5	0.84	7.2	0.12	-1	-3	8	-100	-15	1.1	2.7	-3	-5	0.07	-500	-0.5	-0.5	2.3	-100	-1	0.7	0.7	-50
1575252	13.51	0.2	1.4	-50	-0.5	-1	9	-1	33	-1	-0.2	-2	12	-5	0.54	4.2	0.12	-1	-1	-5	-100	-15	0.7	1	-3	-5	0.01	-500	-0.5	-0.5	2.2	-100	-1	0.7	0.6	-50
1575253	15.27	0.2	3.5	-50	-0.5	-1	8	-1	28	-1	-0.2	-2	12	-5	0.55	4.2	0.1	-1	3	-5	-100	-15	0.5	0.3	-3	-5	-0.01	-500	-0.5	-0.5	1.2	-100	-1	0.8	0.5	-50
1575254	13.49	0.6	2.5	1700	-0.5	3	120	5	63	13	1.3	-2	6	-5	3.87	60.9	0.3	-1	-6	33	-100	140	7.2	14	-3	-5	1.91	-500	1.3	0.9	22.6	-100	3	8.2	1.8	76
1575273	14.65	0.5	2.9	410	-0.5	-1	26	1	47	3	-0.2	-2	7	-5	1.11	12	0.15	-1	-1	9	-100	15	2	2.6	-3	-5	0.1	-500	-0.5	-0.5	3.6	-100	-1	1.1	0.8	-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 12	
Silt Samples $21.95x 14	
Soil Sample $21.95 x 293	
Total assay costs:	$7,251.65
Camp & Payroll costs	$15,075.91
Helicopter costs	
$1470.56 x 3.8 hours	$9,999.78
Preparation of reports	$4800.00
Total expenditure	$37,927.34
Expenditure per claim:	$100.50

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 Carlin Claim group	320

$47.24 per sample and 319 samples results in camp and payroll costs of $15,116.80

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