

MAYO LAKE MINERALS INC.  
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K0A 1L0

# 2013 Geochemical Survey

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On the

Anderson Claim Group

ML 1-367  
STP1-26

**YMIP #13-052**

105M 10/11/14

Latitude 63.70742N, Longitude 135.22445E

In the

Mayo Mining District  
Yukon Territory

By

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September 25th, 2013

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## Introduction

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

This report outlines a geochemical sampling program on the eastern end of the Property. 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 Acme Analytical Laboratories Ltd. in Vancouver B.C. using ICP-MS following an Aqua Regia digestion. Much of this report is taken verbatim from Rampton and Sutherland 2013. Exceptions being those sections describing actual work completed in 2013 and related observations and interpretations thereof.

## Location and Access

The Property consists of 392 contiguous claims totaling 81 km<sup>2</sup> and is located approximately 35 kilometers northeast of Mayo, Yukon, Canada on NTS map sheets 105M 10/11/14. 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 Figures 1 & 2.

Grant number	Claim Name	Map sheet	Group Name
YD92295-YD92298	ML295-ML298	105M 10/11/14	Anderson
YE31001-YE31200	ML1-ML200	105M 10/11/14	Anderson
YE31301-YE31366	ML301-ML366	105M 10/11/14	Anderson
YE31401-YE31489	ML201-ML289	105M 10/11/14	Anderson
YE45851-YE45876	STP1-STP26	105M 10/11/14	Anderson
YE31390-YE31394	ML290-ML294	105M 10/11/14	Anderson
YE31499-YE31500	ML299-ML300	105M 10/11/14	Anderson

Table 1: Claims comprising the Anderson Claim Group

Access is by helicopter or by Mayo Lake from the boat launch at the Mayo Lake Dam which is connected by a government-maintained, gravel road (Mayo Lake Road) to the Silver Trail. A pre-existing, four-wheel drive track exists through the center of the claim group, connecting Williamson Lake to the Mayo Lake Road via Davidson Creek. The Silver Trail connects with the Yukon's paved or chip-sealed highway network at Mayo (Figure 1).

# Anderson Claim Group

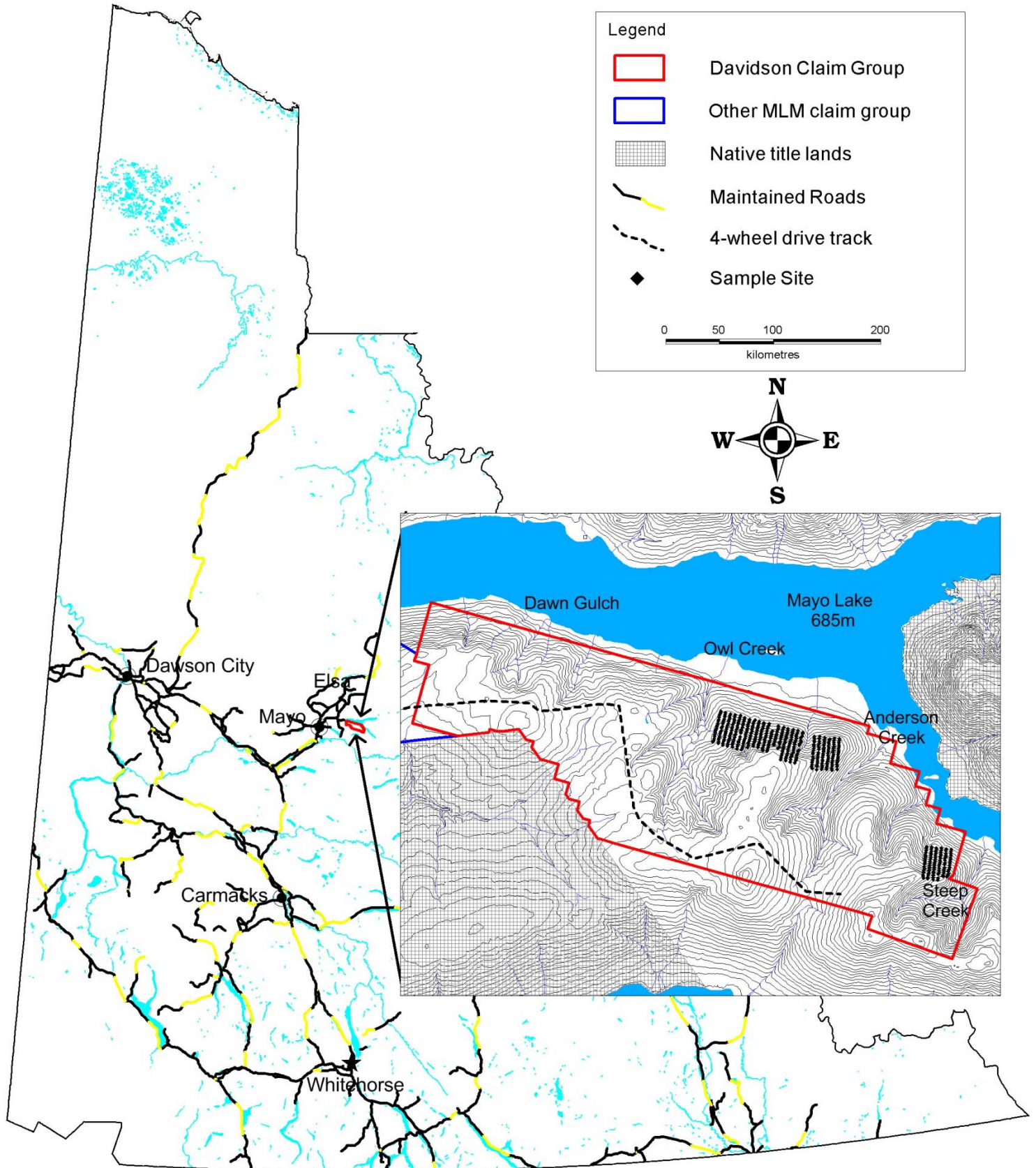


Figure 1: Location of Anderson Property

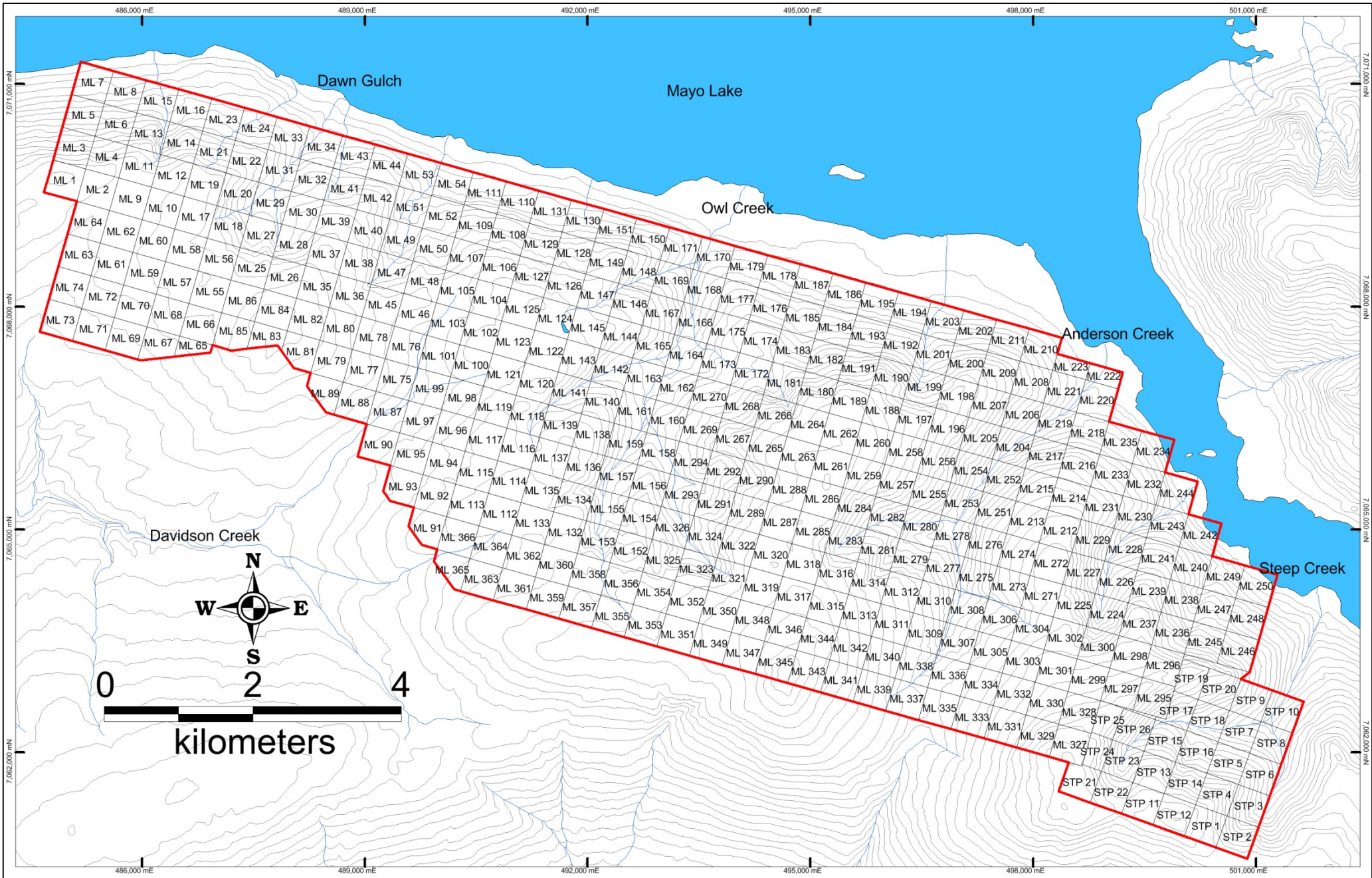


Figure 2: Location of claims within the Anderson Claim Group

## Previous Work

During summer-2012 MLM undertook a regional scale sampling program. From this program six geochemical targets (“G.T.”) were identified on the Property. Further sampling and delineation of the G.Ts(Figure 3) was recommended. G.T.A covers the slopes between Owl Creek and Steep Creek. Soil and silt samples within G.T.A delineated Au-As-Sb anomalies up to 800m wide containing values up to 69ppb Au, 52.6ppm Sb and 457 ppm As with a strike length over 10km. Additionally a mineralized vein was located in cliffs east of Owl Creek. This target provided the impetus for definition sampling described in this report. The other targets delineated from MLM’s 2012 program are described in depth in Rampton and Sutherland (2013).

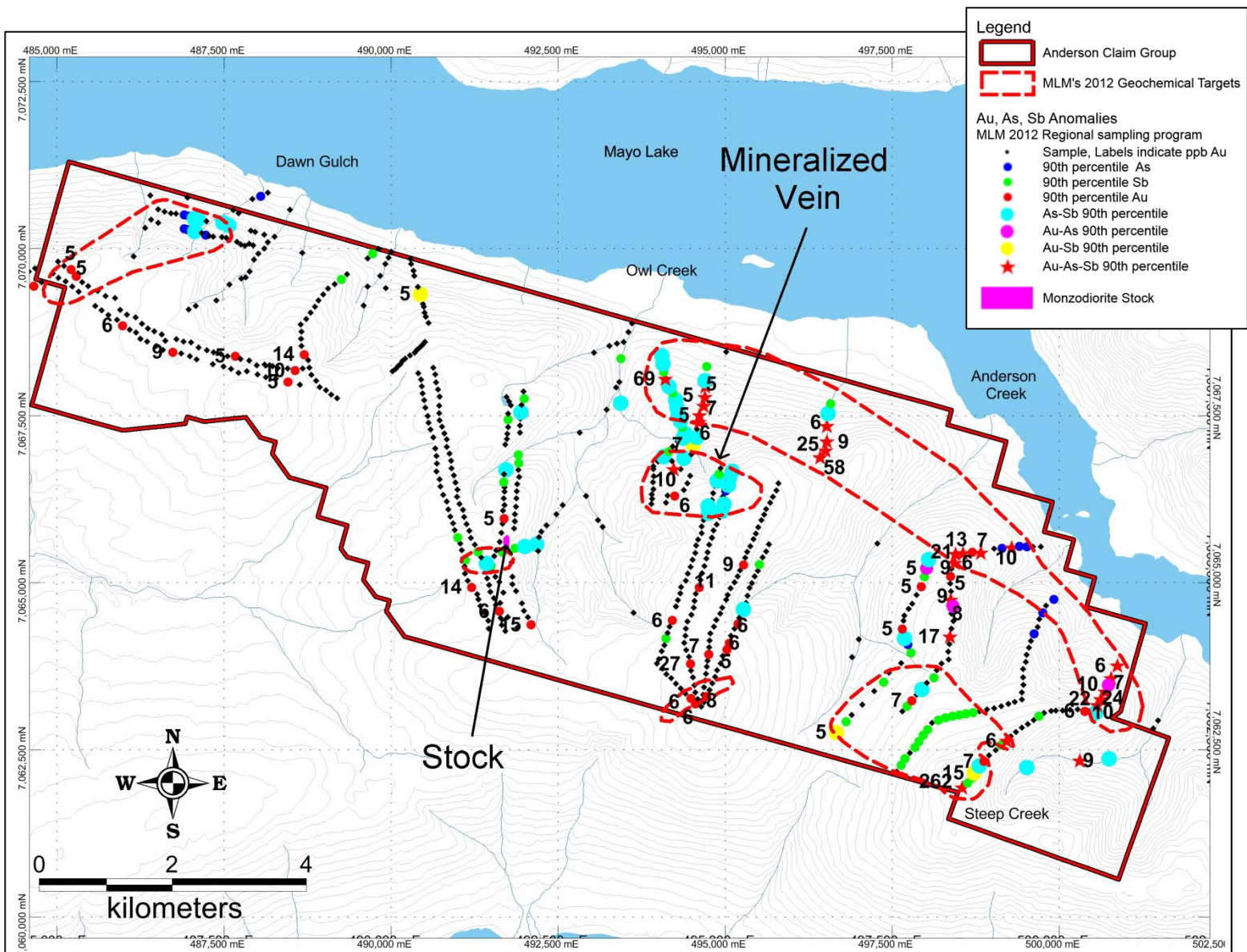


Figure 3: Results from MLMs 2012 sampling program. Six targets required further sampling.

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 Anderson Creek, Owl Creek, Steep Creek and Dawn Gulch.

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).

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. Some creeks draining north from the property were sampled (Figure 4), several strong anomalies were identified; one returning 275,000 ppb Au in heavy mineral concentrates from Dawn Gulch. A sample from Owl Creek was the southernmost sample in the program and assayed 832ppb Au in heavy mineral concentrates.

The Property was again stream sediment sampled by the GSC in 1986-87 (Hornbrook 1987). This program consisted of over 3000 samples in an area approximately 200km from east to west and 50km-150km north to south. Silt samples from this program from Owl, Anderson and Steep Creek (Figure 4) were all within 90<sup>th</sup> percentile for antimony for that program and one sample was also in the 90<sup>th</sup> percentile for arsenic. Due to the widely spaced samples, this program is of limited use for focused targeting. The threshold value of a 90<sup>th</sup> percentile anomaly for select elements from successive programs is shown in Table 2.

In 2004, W. Carrell carried out a till and silt sampling program around the western arm of Mayo Lake. This program was focused on the western half of the Property but there is irregular sampling around Owl Creek and along the shore of Mayo Lake (Figure 4). This program confirmed the high antimony values between Steep and Owl creeks as well as locating several gold and arsenic anomalies in the vicinity of Dawn Gulch. During this program abundant granodiorite boulders were noted in Owl Creek.



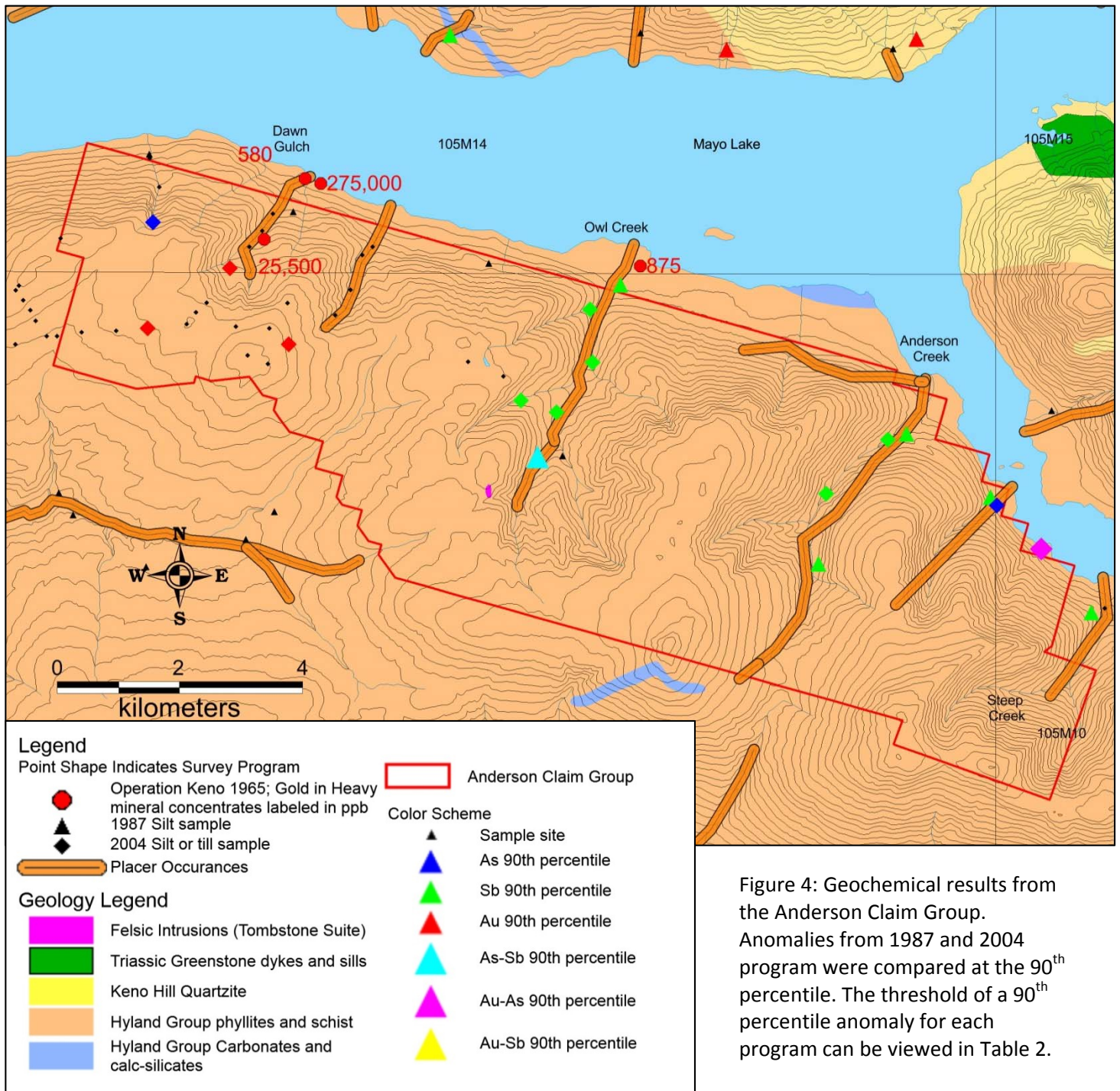


Figure 4: Geochemical results from the Anderson Claim Group. Anomalies from 1987 and 2004 program were compared at the 90<sup>th</sup> percentile. The threshold of a 90<sup>th</sup> percentile anomaly for each program can be viewed in Table 2.

Survey	Regional Stream Geochemistry Program 1987	W. Carrel Program 2004
Threshold value Au	8ppb	9.42ppb
Threshold value As	30ppm	20.74ppm
Threshold value Sb	2.1ppm	2.08ppm

Table 2: Threshold of anomalies from previous sampling programs

Historical placer mining on the Property occurred along most creeks and along some terraces (Figure 4). Currently only the main channels of Steep, Owl and Anderson creeks and two creeks in Dawn Gulch have active placer claims. Anderson Creek is an active placer operation, which is owned and operated by Aurora Mines Inc. Gold recovered from this creek is rounded to angular with quartz attached indicating a nearby source. At least 434oz of gold was produced from Anderson creek between 1874 and 2000 (Lebargé 2002). Owl Creek operations have ceased as of 2011 but between 2002 and 2011 at least 1700 ounces of gold were recovered from this creek (Statement of Placer Royalty Export Tax), descriptions of gold from this creek are sparse but indicate it was generally rounded. Steep Creek and Dawn Gulch have not been operated since 2002, but historically they produced at least 219oz and 15oz respectively (Lebargé 2002).

The GSC carried out two successive geophysical programs in the Mayo Lake area; the first at 1207m spacing in 1968 and a second at 2000m spacing in 1990. These surveys produced results similar to those obtained by MLM's geophysical program but with much lower resolution.

Mayo lake Minerals Aeromagnetic Survey: between March 5, 2012 and March 13, 2012 an airborne geophysical survey was flown over the Property by Precision GeoSurveys Inc. for MLM.

The Property was flown concurrently with the Davidson Claim Group, also owned by MLM. Collectively these were designated Block B for the duration of the survey. The total block is approximately 7 km by 30 km, including a buffer zone of ~1km around the outside of the claims to prevent edge effect. The survey area in relation to the claims can be observed on Figure 1. A total of 1675 line kilometers of magnetic data were flown for this survey; this includes tie lines and survey lines. The survey lines were flown at 150 meter spacings, at a 024°/204° heading; the tie lines were flown at 1500 km spacings, at a heading of 114°/294°

Precision GeoSurveys flew the Property using a Bell 206 BIII Jet Ranger. The survey lines were flown at a nominal line spacing of one hundred and fifty (150) meters and the tie lines were flown at 1500 km spacing. The average survey elevation was 32 meters vertically above ground for Block B.

The survey data acquisition specifications and coordinates for Block B can be found in Rampton and Sutherland 2012.

## **Geomorphology**

The Property extends across a broad highland fronting Mayo Lake from Dawn Gulch in the west to Steep Creek in the east (Figure 2). Valleys containing Mayo and Williamson lakes 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 moderate to steep slopes. Uplands generally have moderate slopes. 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, Janet and Williamson lakes and Keno Ladue River (Bond 1999). These valleys were filled with fast flowing ice that scoured their

bottoms and sides. The upper limit of the McConnell Glaciation is marked by lateral moraines and kame terraces along the sides of these valleys. The uplands 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 as is evidenced by landforms. The surface cover is mapped as a mixture of colluvium and till. 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 sparse on the property, rarely exceeding 5% in any area. Soil development is immature.

Vegetation is predominantly black spruce with willow and alder understorey. Lowlands, north facing slopes and plateaus below the treeline exhibit a thick cover of organic matter, moss and Labrador tea. South facing slopes are similarly vegetated but also include balsam and poplar groves. 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 5 depicts Upper Proterozoic to Lower Cambrian Hyland Group stratigraphy in contact with Paleozoic metasedimentary units of the Ern Group and Keno Hill Quartzite along the Robert Service Thrust ("RST"). Mid-Triassic mafic sills and greenstones are common within the Keno Hill Quartzite and Ern Group, but are rarely encountered in other units. All stratigraphic units have been intruded by the Mid-Cretaceous age Tombstone Plutonic Suite, which host several known gold deposits including Dublin Gulch, which hosts an open pit resource of 6.4 million ounces of gold at a grade of 0.67g/t. The 100km<sup>2</sup> Rook Pluton, west of the Keno Hill Camp, is the largest member of the Tombstone Plutonic Suite and probably drove hydrothermal circulation leading to the mineralization at Keno Hill as referenced by Roots (1997).

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

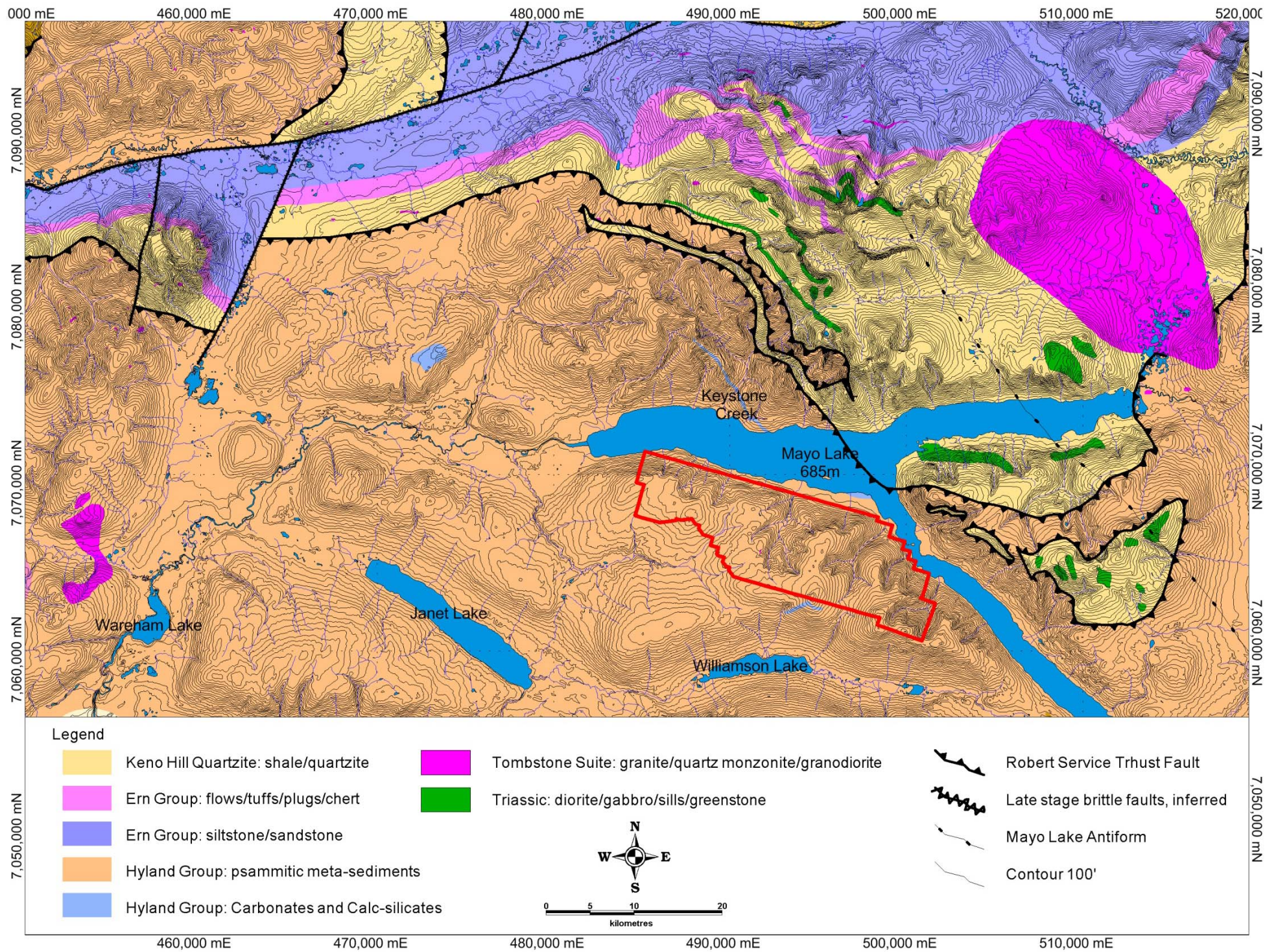


Figure 5: Regional Geology

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 similar to the locally developed Keno Hill Type veins. This mineralization represents the furthest extent of hydrothermal influence related to these intrusions and may occur many kilometers from the source stock (Figure 6). 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. Abundant narrow Cretaceous dykes (Murphy 1997) 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; (ii) 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 6.

A proximal relationship to crustal scale features appears to be common among deposits in the Tintina Gold Belt. Carlin-type, sediment hosted disseminated gold mineralization is almost exclusively developed proximal to crustal scale faults such as the RST, possibly independent of any intrusive unit. Carlin-type mineralization could be present in any carbonate units within the strata on the Property and will probably show Au-As-Hg-Sb signatures.

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

Two major gold occurrences are located within 35 km of the Property. Both are 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 and Gold Dome (formerly Scheelite Dome). 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.

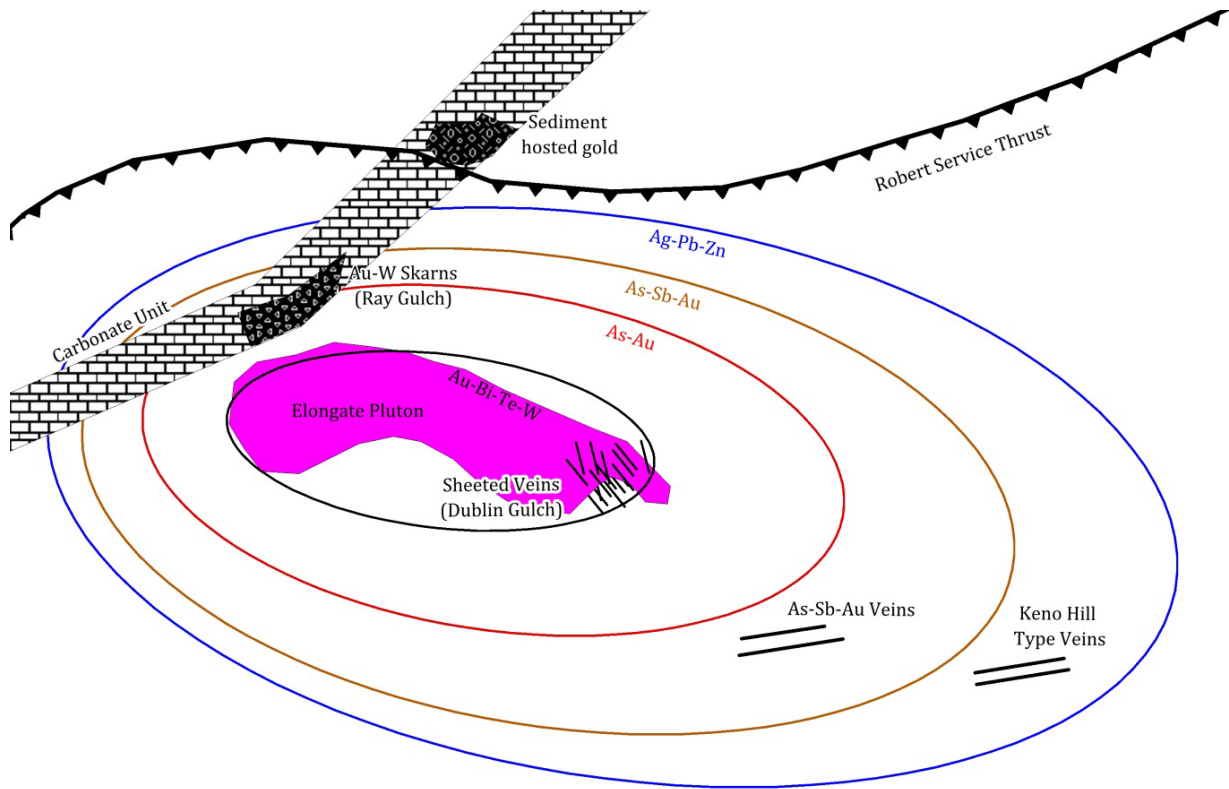


Figure 6: Idealized hydrothermal model for intrusion related gold systems in the Tintina Gold Belt (modified from Hart et. al 2002)

## Property Geology

The Property's geology is shown on Figure 7. The Property is underlain by phyllites, schists and carbonates of the Hyland Group metasediments south of the RST. Most stratigraphy has bedding parallel to foliation, which strikes southeast (Roots, 1997) and dips between 45° and 70° to the west.

### Stratigraphy

Hyland Group, which is locally mapped as the Yusezyu Formation, consists of compositionally layered medium to coarse-grained micaceous quartzose phyllite; muscovite-chlorite gritty phyllite; green and grey impure quartzite; metaconglomerate; and rare calcsilicate (Roots 1997). Locally biotite schists are common, often in close proximity to carbonate units. The composition of phyllites changes from more micaceous in the south and west to slightly more quartzose in the north and the east.

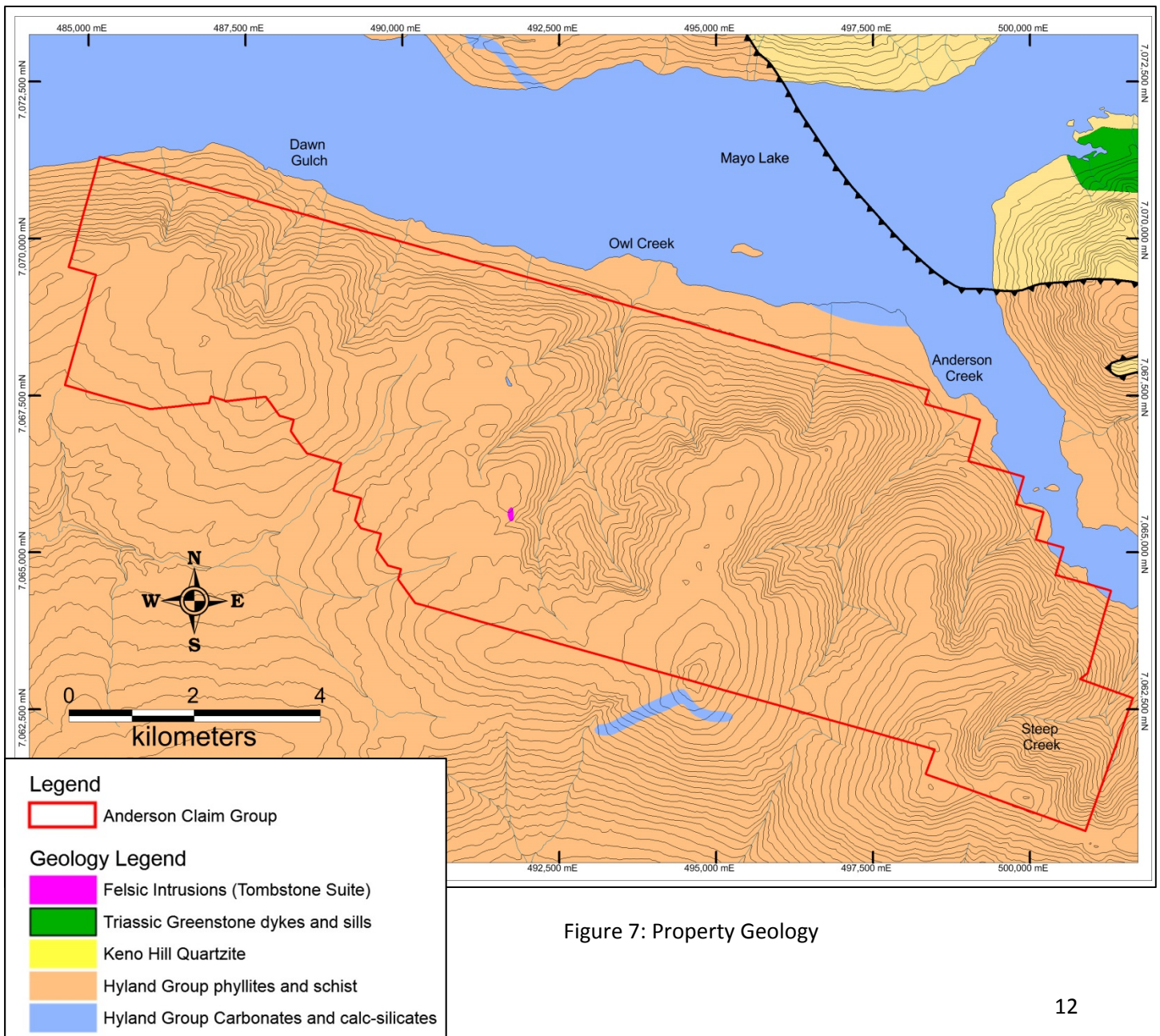


Figure 7: Property Geology

## **Intrusions**

Cretaceous Tombstone Suite intrusions are described as buff to grey weathering dykes, sills and small plugs with aplitic or granitic textures. Some of these bodies are locally quartz and feldspar phyrlic and mineralized with disseminated arsenopyrite (Becker 2000). A granodiorite/monzonite intrusion was located at the head of Owl Creek and is assumed to be related to this suite.

Triassic metadiorite sills which may be present are dark green, foliated, fine to medium grained and weather in a blocky fashion. The main mineral assemblage consists of amphibole, chlorite and plagioclase. Sills are common in the Keno Hill Quartzite and Ern Group, but are also known within the Hyland group; however to date none have been identified on the Property.

## **Structure**

Deformation on the property is typical of that seen elsewhere in the Tombstone Strain zone, including a strong penetrative fabric and intense large scale deformation (Roots 1997). Broad post-metamorphic folding is also present and is indicated by variable foliation dips.

## **Mineralization**

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

- Polymetallic veins: these are known as KHTV and are typically high in silver, lead, and zinc. They are related to the intrusion of the Tombstone Plutonic Suite and constitute the main ore at Keno Hill. A vein of this type was located in cliffs east of Owl Creek (Rampton and Sutherland 2013).
- 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 north of the Property, (see also below). It was concluded that sampling of the trend below the water table would be required for bedrock samples unaffected by meteoric leaching to truly test the grade of the mineralization.

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



A study by Lynch 2006, described an altered unit of the Keno Hill Quartzite situated 20 km southeast of the Keno Hill mining district, north of 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 the gold assays returned modest results, the values are distinctly anomalous and evidence suggests gold was remobilized in the porous unit due to meteoric circulation and leaching and higher grades may be present at depth.

## Description of Work

### Field operations

This program was focused on an Au-As-Sb anomaly on slopes to the southwest of Mayo Lake. A total of 484 silt and soil samples were collected from two grids (Figure 8) along with three rock samples from outcrops.. The camp for this program was based on an island near the south shore of the Edwards Arm of Mayo Lake between the Nelson Arm of Mayo Lake and Edmonton Creek. Transportation to and from the camp to the soil grids was by boat. Sampling took place over five days from August 16<sup>th</sup> to the 20<sup>th</sup>.

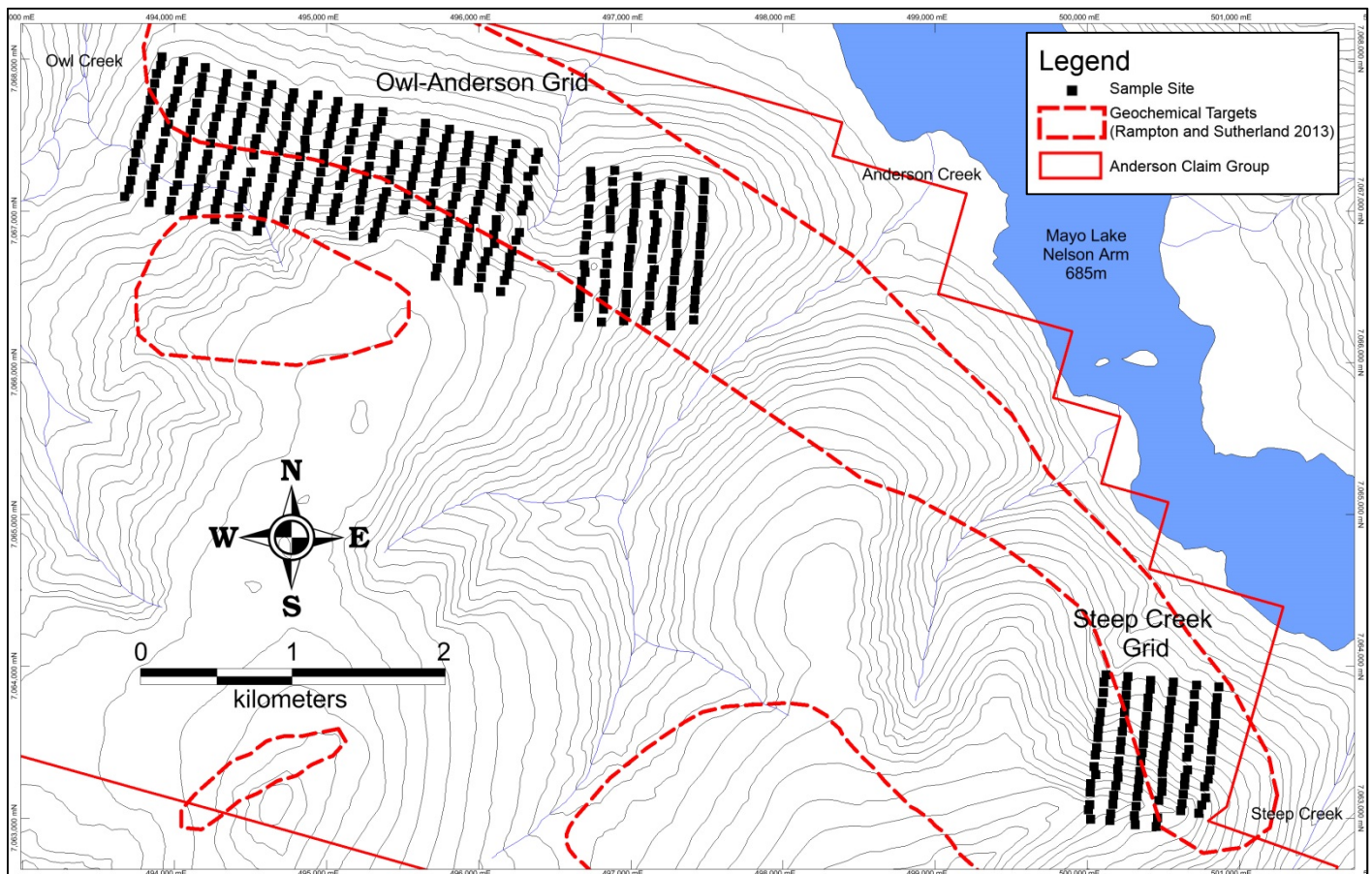


Figure 8: Location of grids relative to Geochemical Targets delineated during MLM’s 2012 sampling

## Soil Sampling

Soil grids were designed to verify continuity and intensity of Au-As-Sb anomalies coincident with geophysical lineations along the southwest shore of Mayo Lake along a strike length of approximately 10km (Figure 3) from MLM's 2012 regional program.

Two soil grids were completed over five days, The Owl-Anderson grid between Owl and Anderson creeks and the Steep Creek Grid north of Steep Creek. Each day samplers would set out from Mayo Lake and completes two soil lines each. The Owl-Anderson grid was 1020m by 3900m and the Steep Creek Grid was 1020m by 900m. Due to heavy rain several soil lines were not completed; however approximately 95% of the planned sampling was completed.

At each grid point the soil and overburden is penetrated by an auger until the C horizon is reached. The next 10-15cms of soil is sampled and placed into a labeled paper sample bag. The location of the sample is then noted and an identification ticket containing the sample number is attached at the location. In areas where C horizon was sparse or nonexistent, B horizon was collected.

Samples were not taken from permafrost or bogs/swamps, in this situation samplers walk to the next possible sample location. Several large rock falls were encountered where it was impossible to obtain soil samples; in this case silt samples were taken from streams or drainages below the rock falls. A duplicate sample was taken every 50 samples. Samples were bagged at the end of each day before storing until demobilization

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

Tyrell Sutherland	Senior geologist (MLM)
Marty Huber	Geologist (Breakaway)
Darrell Kramer	Senior technician (Breakaway)

Samplers 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 transported 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 Acme Analytical Laboratories Ltd. in Vancouver B.C to undergo analysis code 1DX2, ICP-MS analysis after aqua regia digestion of a 15g sample for Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, Hg, Sc, Tl, S, Ga, Se, and Te.

During soil sampling three outcrops showing potential for mineralization were sampled and described.

Rock samples were packed and shipped to Acme Analytical Laboratories Ltd. preparatory laboratory in Whitehorse, YT. Samples were crushed, pulverised then sent to Acme Analytical Laboratories Ltd. in Vancouver B.C to undergo analysis code 1DX2, ICP-MS analysis after aqua regia digestion of a 15g sample for Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, Hg, Sc, Tl, S, Ga, Se, and Te.

## Observations and Results

### Prospecting Observations

Bedrock is composed primarily of sandy phyllites with a large unit of conglomerate and multiple thin carbonate units. Bedrock mapping was hampered by lack of outcrop on the slopes so the above observation is tentative. Quartz veins 5-20cm thick, but rarely up to 1m, containing varying amounts of gossanous vugs, oriented parallel to foliation and tightly folded were common. Sampling of these veins indicates they are barren and folding indicates they likely preceded deformation and mineralization events. Dark grey (Pseudo-tacolite?) boulders cut by a gray quartz stock work were uncommon within till units on lower slopes.

Outcrop forming the ridge covered by the Steep Creek Grid was moderately silicified and cut by similar veining described above. A carbonate unit was located along its length.

### Geochemical Results and interpretations

Four hundred and seventy nine soil samples were collected and five silt samples were collected. This sampling crossed several anomalous soil lines from previous MLM sampling as well as prospective source areas above streams that contained multiple anomalous silt samples. Grids were oriented perpendicular to coincident geophysical lineations. Analysis of field duplicates indicates that results were reproducible to within 10%, for most elements except gold which only produced equivalent results for 67% of the duplicate samples. The nugget effect likely had an influence on gold analysis. Lab duplicates were acceptable for all elements.

Sample site locations can be found in Appendix C; geochemical plots for selected elements can be found in Appendix C; and analysis of samples can be found in Appendix D. Due to the close proximity and apparently similar geology percentiles were calculated treating samples from both grids as a single population.

Due to rough terrain, proximity of silt samples and probable low sample quality the drainage containing the unnamed tributary of Mayo Lake in the Owl Anderson Grid was not sampled during this program.

**The Owl-Anderson Grid** is comprised of 409 samples collected along 24 lines. Values for many elements, including for example Au and As were generally strongest towards the eastern edge of the grid on slopes above an unnamed tributary of Mayo Lake (Figure 9). However there are elevated background levels of Au-Sb, 4.5ppb and 4.7ppm respectively, throughout the entire grid.

Within the Owl-Anderson Grid there are three distinct intersecting trends defined by geochemical anomalies (Figures 9, 10 and 11). These trends locally increase in intensity where they intersect. The NE Trend is a wide zone of discontinuous northeast trending Au, As, Sb, W, Mo and V, amongst others, anomalies (Figures 9, 10, 11 and Appendix C). Samples from this trend returned gold values up to 200ppb, multiple As values in excess of 500ppm and Sb values as high as 324ppm.

The NW Trend is anomalous for Al, La, Th, Cu, Fe, Mg, Ni and Zn. Where this trend intersects the NE Trend there is an increase in the intensity of Au-As-Sb values with samples yielding up to 92ppb Au, 52ppm Sb and 504ppm As. The strength of the anomalies along this trend decrease significantly toward the western edge of the Owl-Anderson Grid.

The EW Trend contains anomalous values for Ag, Cd, Cu, Hg, Ni, Sc and Zn and has elevated or discontinuous values for Fe, W and Th. Values seem more highly anomalous where it intersect the NE Trend. The EW and NW Trends intersect near the center of the grid and appear to have a large geochemical halo anomalous in Al, Ag, Cd, Cu, Fe, Hg, La, Mg, Ni, Pb, Sc, Th, and Zn with abundant elevated gold values up to 26ppb and elevated As, Bi and Sb values. West of this intersection the EW Trend is only weakly anomalous or non-existent.

Where the NW Trend intersects a weak trend, tentatively called the Western Trend (Figure 9, 10 and 11), Ag, As, Au, Bi, Ca, Cu, Fe, Hg, K, Mo, Ni, Pb, Sb, Th and Zn are distinctly anomalous. This trend, away from this intersection point, contains elevated values for most of the above elements. The Western trend is also coincident with a distinct geophysical lineation.

A strong Ti plus W anomaly with elevated Sc values in the southwest corner of the grid may be a core zone surrounded by an anomalous Sr, Ca, Hg and K halo though this relationship is tentative.

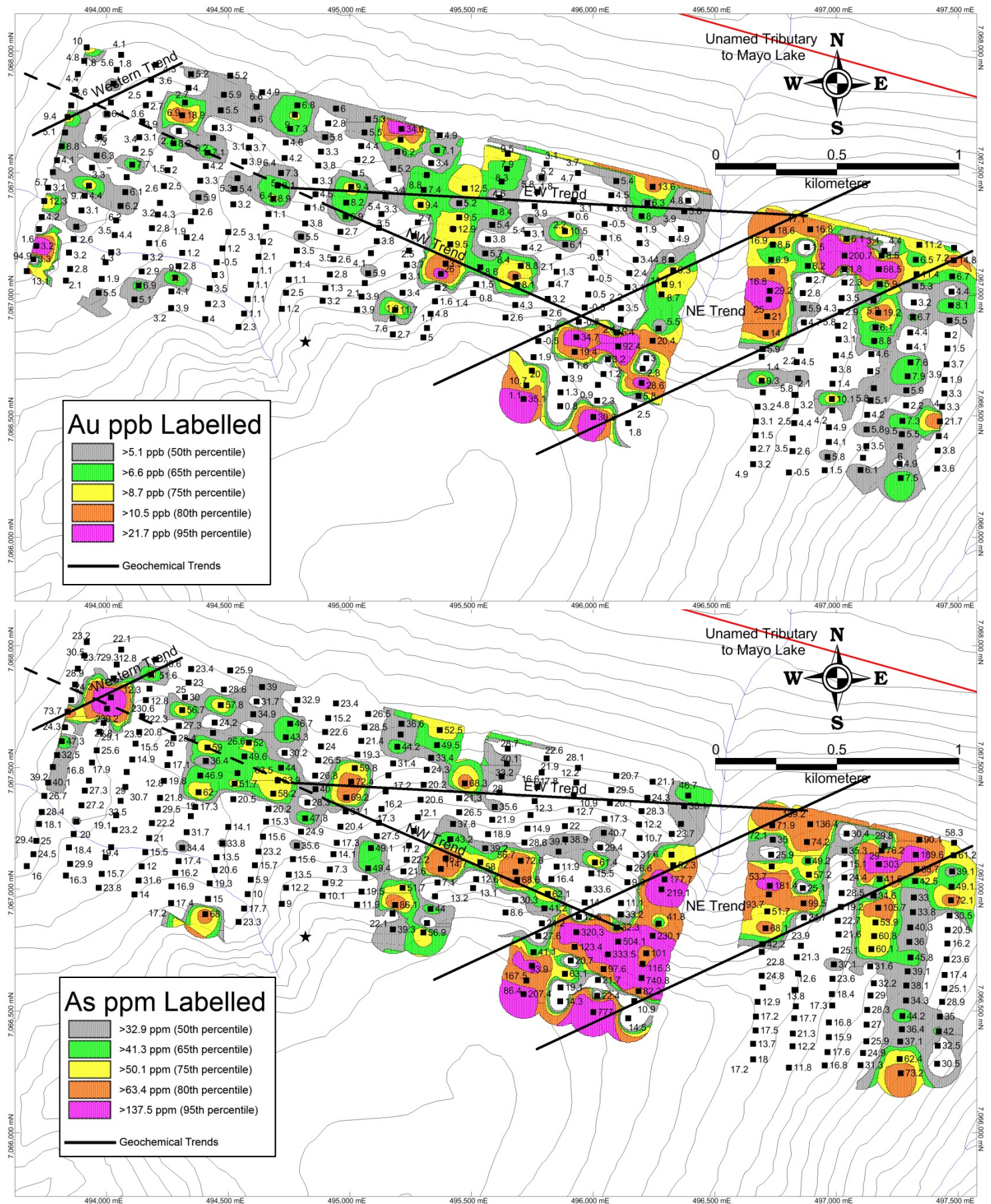


Figure 9: Owl Anderson Grid showing locations of geochemical trends on contoured Au and As values

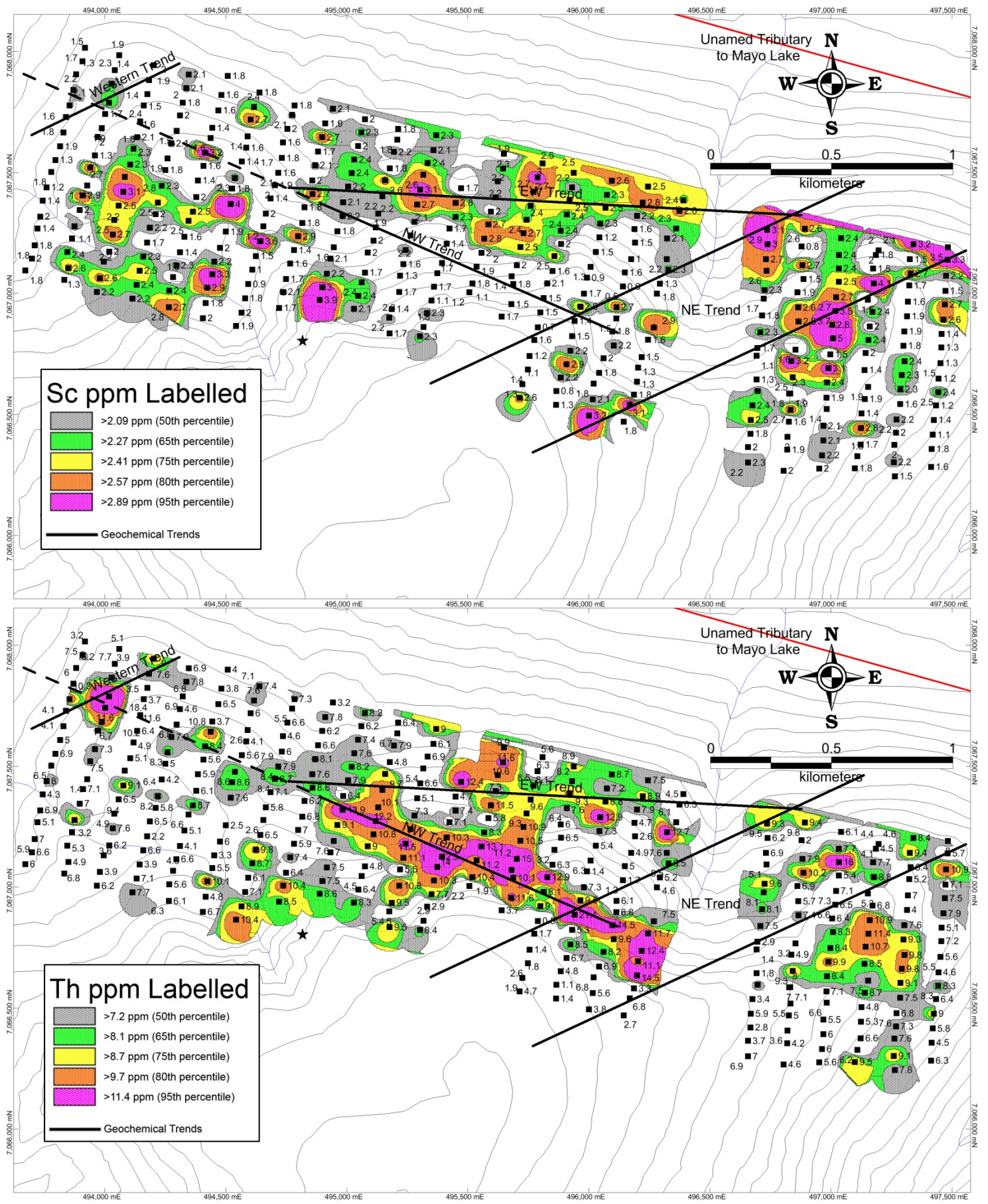


Figure 10: Owl Anderson Grid showing locations of geochemical trends on contoured Th and Sc values

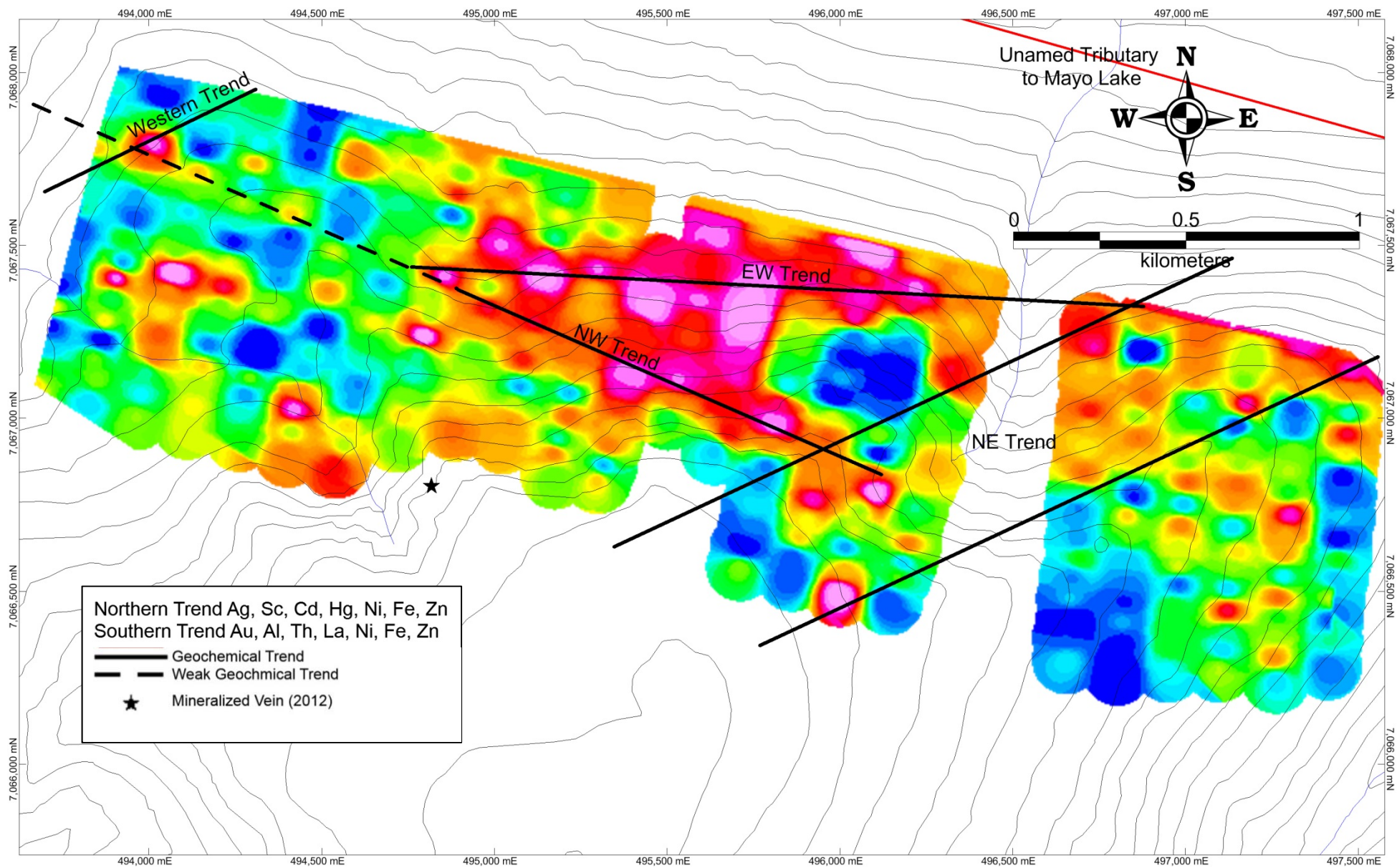


Figure 11: Owl Anderson Grid showing locations of geochemical trends on gridded normalized values of Ag, Al, Au, Cd, Fe, Hg, La, Ni, Sc, Th and Zn.

**The Steep Creek Grid** is comprised of 105 samples collected along 6 lines. Samples were consistently anomalous for Au, Ag, Hg and As (Figure 12) and elevated for Zn and Cu delineating various geological elements including at least three anomalies.

The Southwest (“SW”) Anomaly is a zoned anomaly in the southwest corner of the grid with an inner part anomalous in Al, Cr, Mo, Ti and W surrounded by a halo which is anomalous in Bi, Fe, La, Mg, Ni, Th and Zn and has elevated Cu values (Figure 13 and Appendix C). High Au, As and Hg values are confined to the northeast portions of the SW Anomaly. The zonal configuration of numerous elements suggests that the SW Anomaly is reflecting an intrusion and metasomatic aureole with base metal content being significant within the SW Halo and precious metals being significant around the periphery of the SW Halo.

There appears to be an area in the central part of the grid that is underlain by carbonate rich rocks (as illustrated in Figure 14). This “Carbonate Zone” has been delineated by a broad area of samples highly anomalous in Ca and Sr and depleted in numerous other elements (Figure 14 and Appendix C). This is supported by the presence of carbonate in outcrop near the top of the ridge.

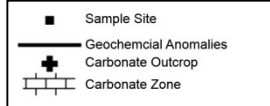
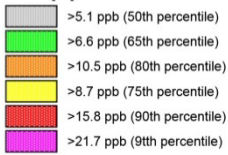
In the southeast part of the grid on the eastern edge of the Carbonate Zone, there is an area characterized by anomalous values of Au, Ag, As and Hg (Figure 12). The “SE Anomaly” appears to define a northwesterly trend that can best be seen in the Ag, As and Hg values (Figure 12). The very eastern edge of the SE Anomaly is marked by anomalous values of Ni, La, W, Cu and Fe (Figure 12 and 14). The association with the outer edge of the Carbonate Zone raises the possibility that that we may be looking at some sort of Skarn or Carlin-like alteration or mineralization. Magnetic data suggests anomalous values are concentrated along a lineation (fault or lithology), especially in the vicinity of the Carbonate Zone. This lineation is depleted for many elements including Fe, Mg, Ni, Sc, Th and Zn (Figure 13 and 14) and may extend to high values of Au, As, Ag and Hg in the NW Anomaly.

In the northeast portion of the grid there is a large area marked by elevated and anomalous values for Au, Ag, Zn, Cu, Co, Ni, Bi and Th (Figures 12, 13 and 14). On some plots, e.g. Ag it defines a NE-trending anomaly. This anomaly has been termed the “NE Anomaly” because of the location and trend of anomalous values for a number of elements. It is difficult to determine whether anomalies reflect alteration zones or structural features.

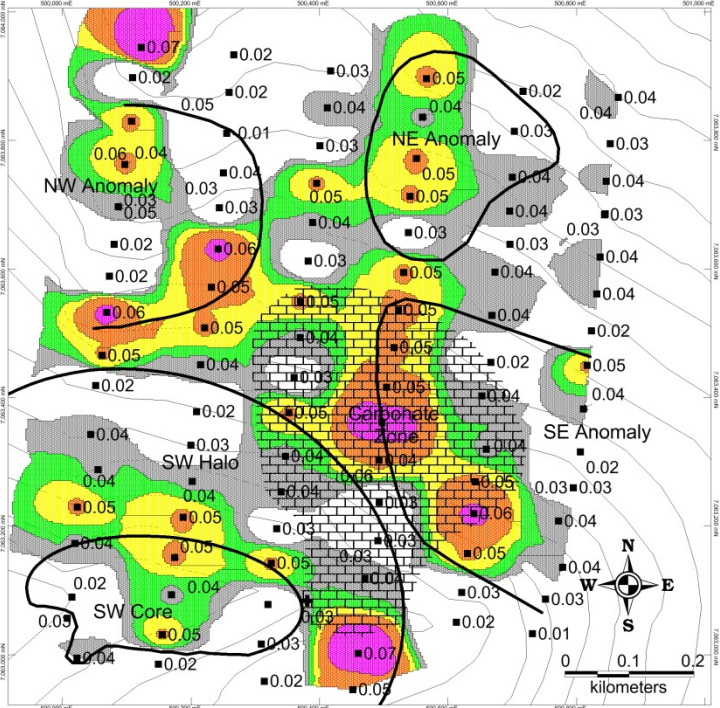
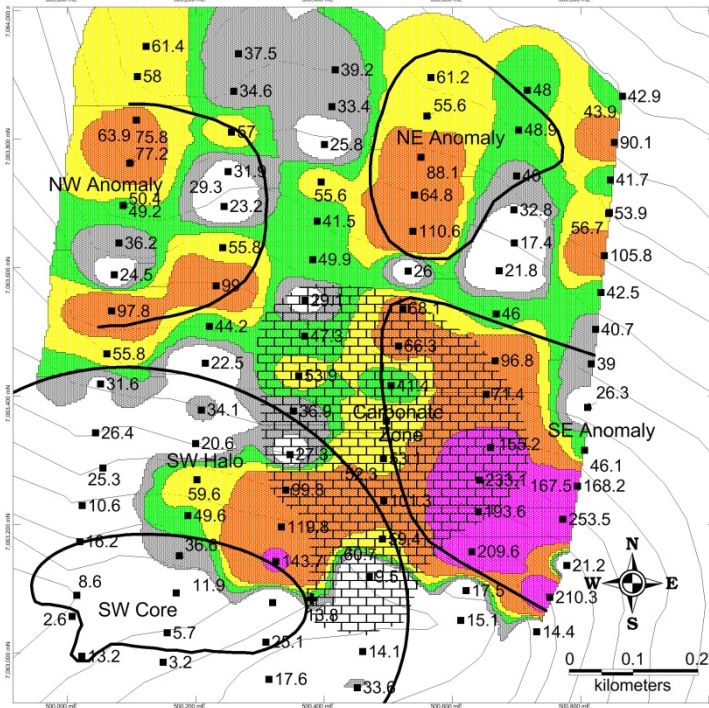
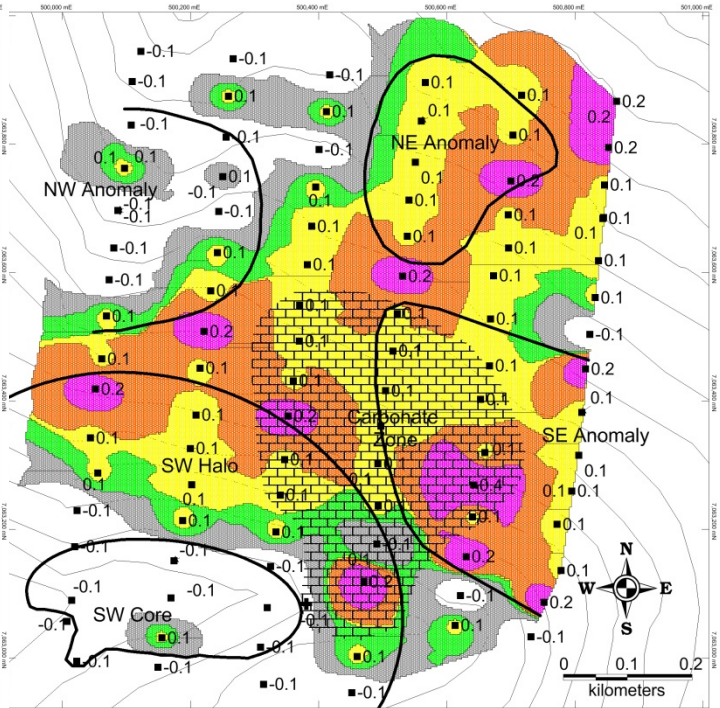
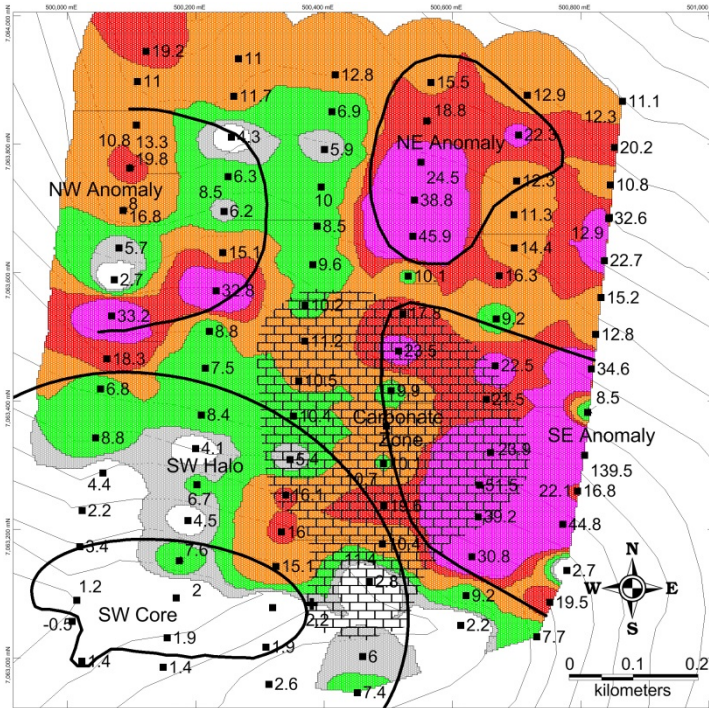
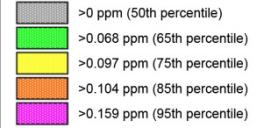
The last area of interest, the “NW Anomaly”, lies in the northwest portion of the grid where anomalous values of Au, Ag, Hg, As and Th appear to define a northeast trending anomaly (Figure 12 and 13). On some plots the NE trend to the anomalies appears to project to NE trending anomalies found within the NE Anomaly. On other plots anomalies appear to trend towards the SE anomaly. In both cases the anomalies are broken by a north-south trending lineation marked by low values for numerous elements.



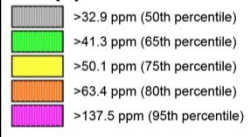
### Au ppb Labeled



### Ag ppm Labeled



### As ppm Labeled



### Hg ppm Labeled

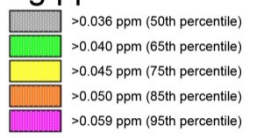


Figure 12: Steep Creek Grid showing locations of geochemical anomalies on contoured Au, Ag, As and Hg values

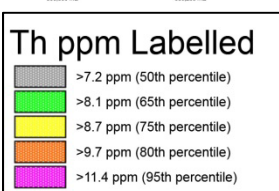
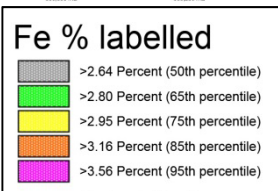
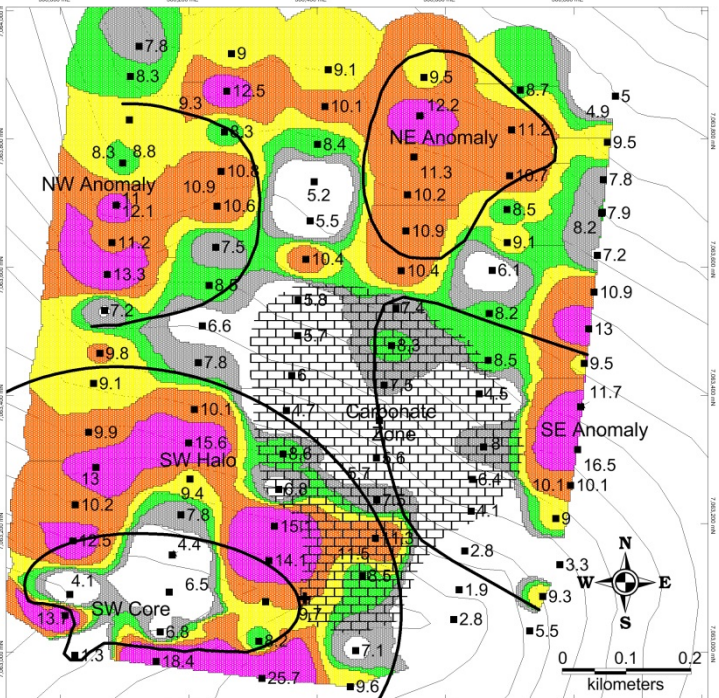
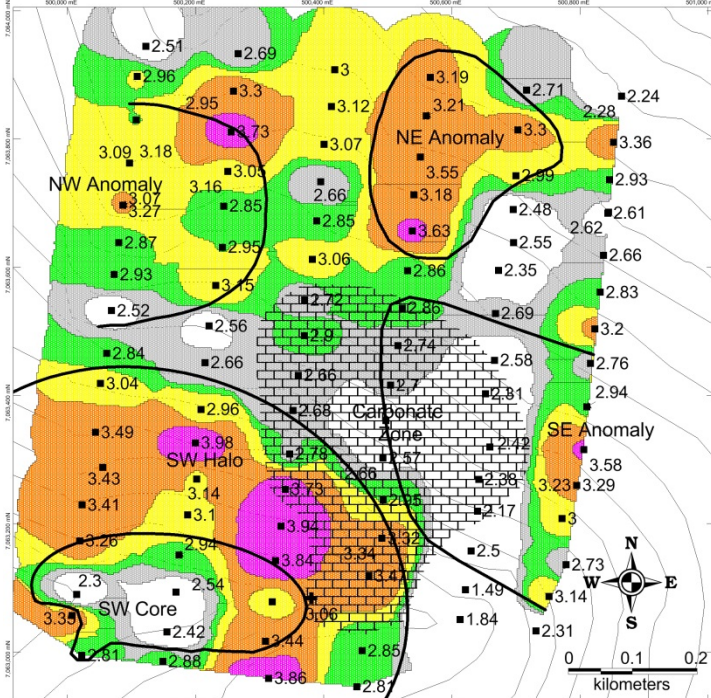
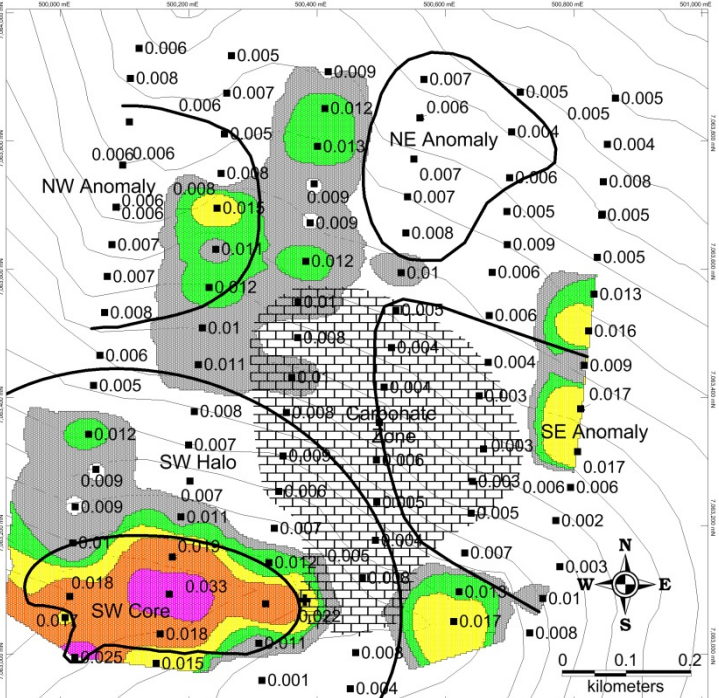
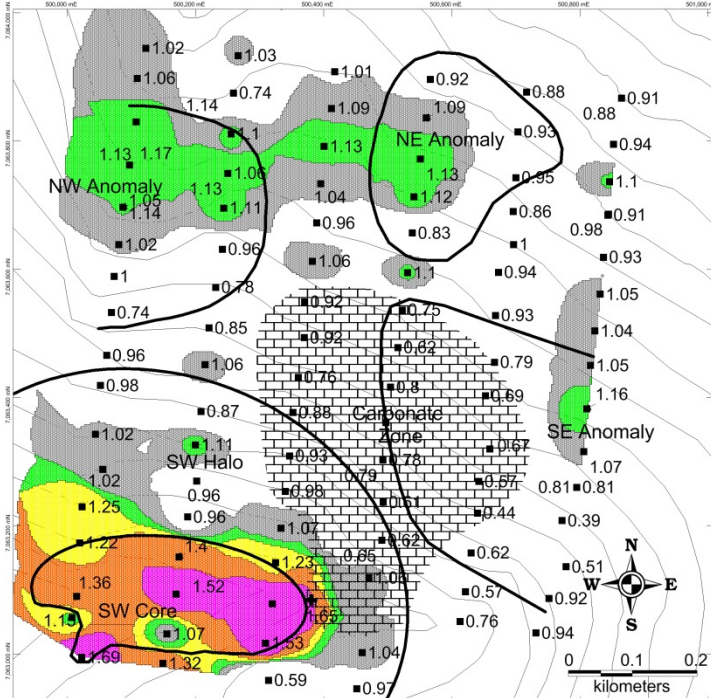
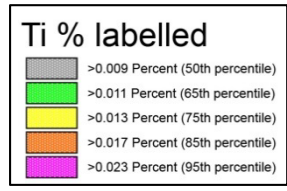
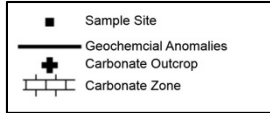
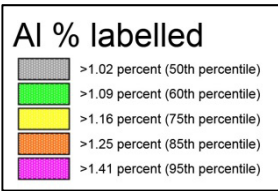


Figure 13: Steep Creek Grid showing locations of geochemical anomalies on contoured Al, Ti, Fe and Th values

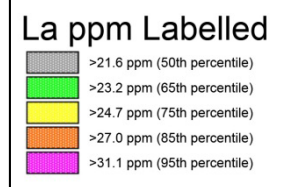
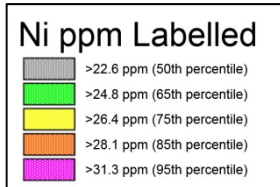
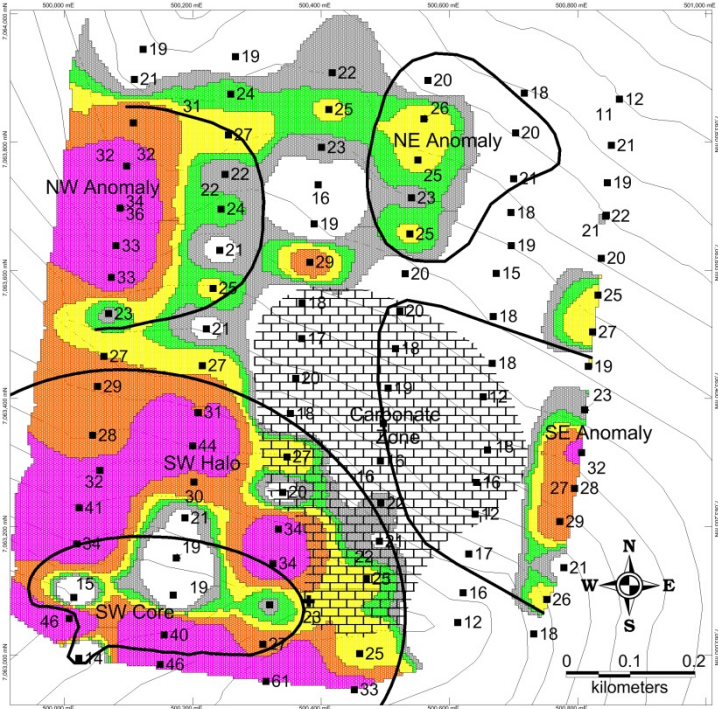
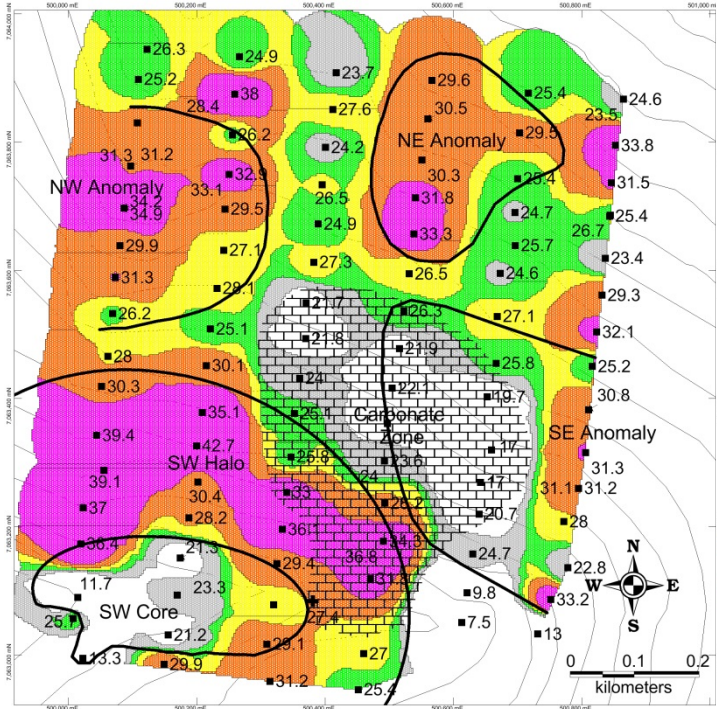
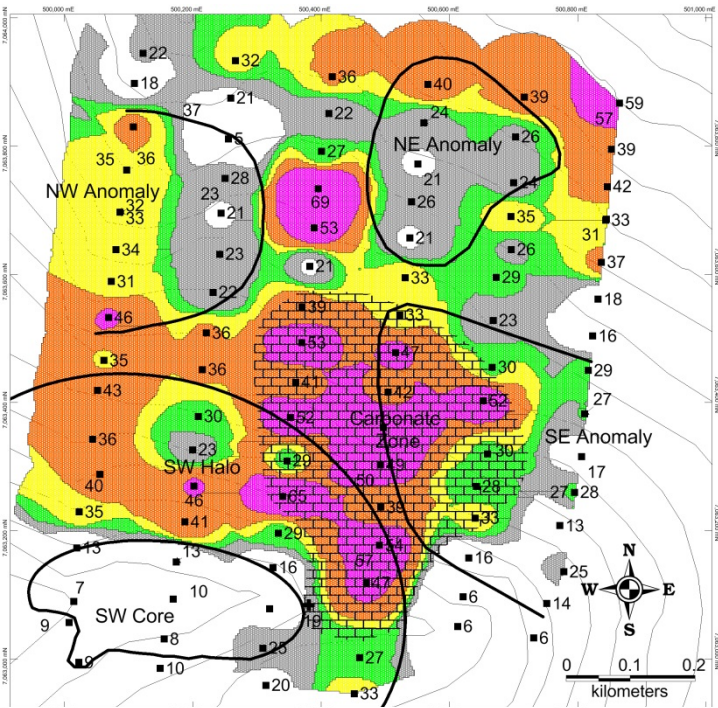
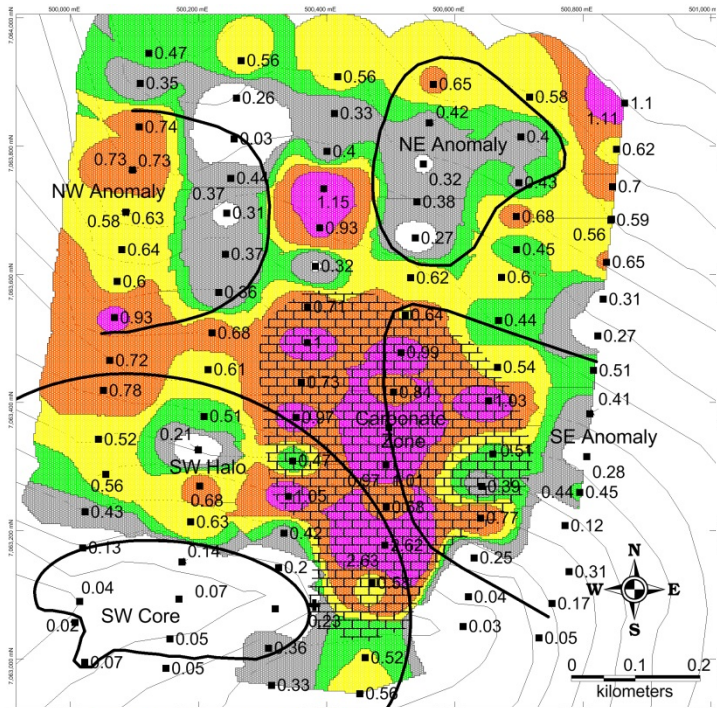
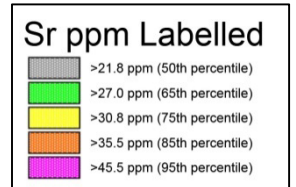
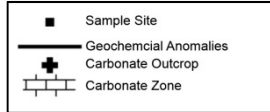
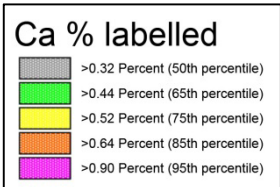
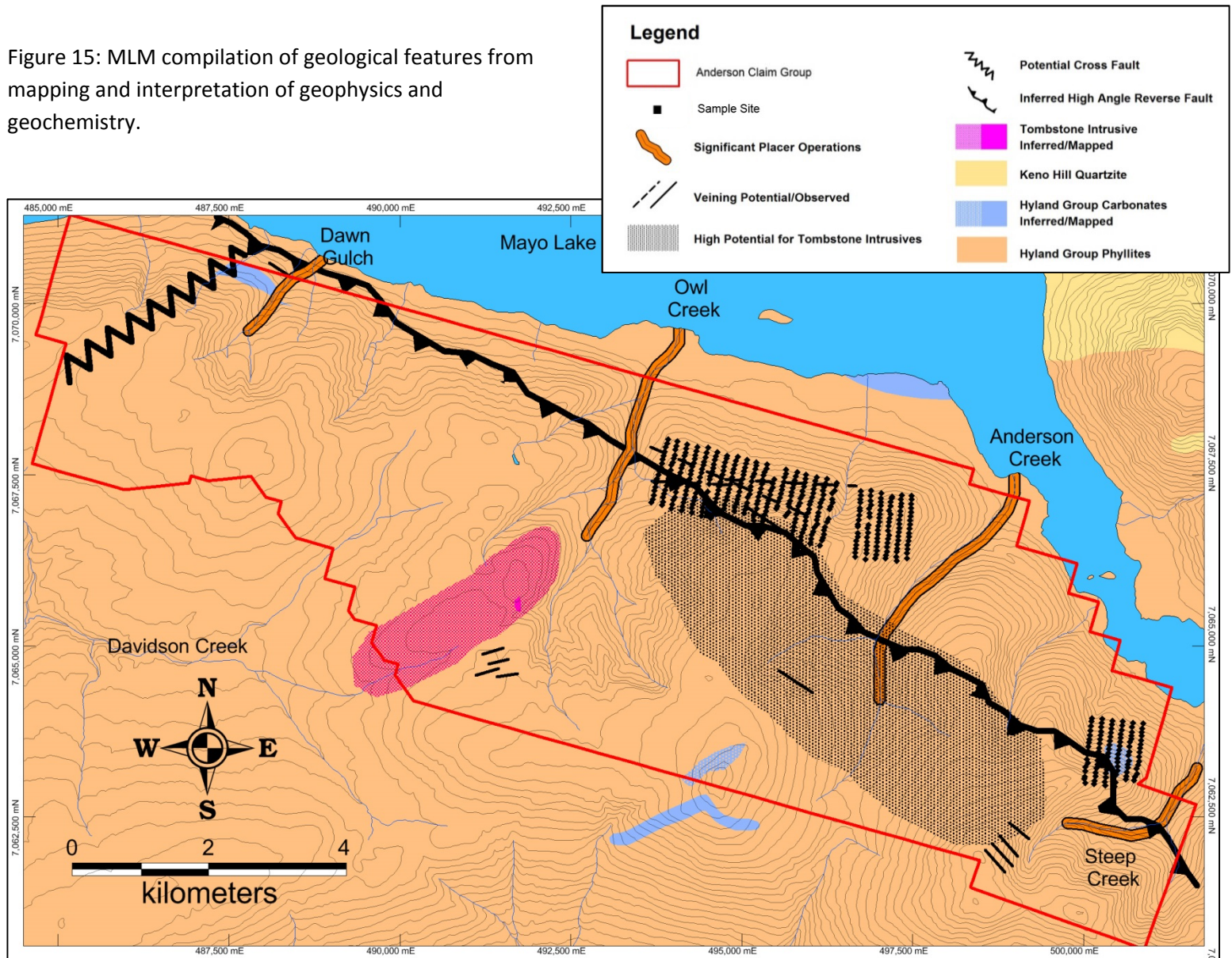


Figure 14: Steep Creek Grid showing locations of geochemical anomalies on contoured Ca, Sr, Ni and La values

Figure 15: MLM compilation of geological features from mapping and interpretation of geophysics and geochemistry.



## Discussion and Conclusions

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

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

production. The Fort Knox deposit is reported to contain 7 million ounces gold, at a grade of 0.9 g/t and POGO deposit contains approximately 4.9 million ounces gold at a grade of 12.45 g/t.

The Anderson property is most likely to host deposits related to the felsic Tombstone Plutonic Suite. In many cases these intrusions may be completely covered; in addition dykes or plugs smaller than several square kilometers are commonly not mapped or not included in regional scale maps. Small exposures could also be indicative of larger unroofed stocks; where the exposed extent is small, the intrusion may still host or drive mineralization. One such intrusion has been mapped on the property. These small dykes or plugs are relatively abundant within the Hyland Group, but are rarely mapped. Economic deposits related to these plutons can be quite varied depending on proximity, host lithology, level of emplacement and regional structures; an idealized model for deposits relating to these intrusions is represented in Figure 5.

### **Property Interpretations**

The Property has a high probability of hosting multiple uncovered Tombstone Suite Intrusive units (Figure 15). These units probably form plugs or dykes that may be in some instances oriented along fault structures. These should be easily traced using the grid sampling method employed during this program. Two such possible linear intrusions are the NW and EW trending anomalies from the Owl-Anderson Grid. Clustering of high Au-As-Sb-Hg values along these trends indicates that there is likely mineralization at multiple points along this feature. Plugs would be characterised by circular or elliptical anomalies possibly with alteration halos similar to the SW Anomaly from the Steep Creek Grid or the Ti-W anomaly from the Owl-Anderson Grid.

High Au, As, Hg and Sb values coincident with the magnetic highs on the Steep Creek Grid likely reflect a structural or lithological control on mineralization. Adjacent high Ca, Pb, Ni with elevated Au values on the Steep Creek Grid suggest zones or pods of skarn mineralization may be intermittent along the length of the structure or lithological unit.

### **Recommended Future Exploration**

Due to the variability of gold values from field duplicates, these should be sent for re-analysis. Also a selection of samples from this program should be sent for INAA to accurately compare these anomalies to other from MLM's 2012 regional program.

Infill lines over described geochemical anomalies and trends and other areas of high Au, Ag, As and Hg values should be completed with the aim of increasing sample resolution over anomalies to 60m by 50m or 30m. The gap in the Owl-Anderson Grid needs infilling and the slope south of Anderson Creek requires a grid. To facilitate such a program, it would be best to process the soils in the field and analyse with a mobile XRF system. Following this sampling, in areas where indicator elements are anomalous samples spacings could be closed up to 30m by 30m or 30m by 60m. Samples from these focused grids are to be sent for independent assay or used to delineate trenching targets directly.

Simultaneously shallow trenching may be completed to determine the nature and width of anomalies and controls of mineralization in the underlying bedrock. A number of targets for trenching are evident on most defined anomalies (Figure 16). Cover in most areas sampled during this program was relative thin and trenching of these targets should be possible using helicopter borne equipment.

A re-interpretation of the geophysics should be undertaken, integrating new geochemical data form MLM's 2012 and 2013 programs.

Screening of the complete Property outside that presently covered by soil sampling transects or grids should eventually be completed with a grid pattern related to geological controls established by the prospecting, mapping and sampling plus the airborne geophysics.

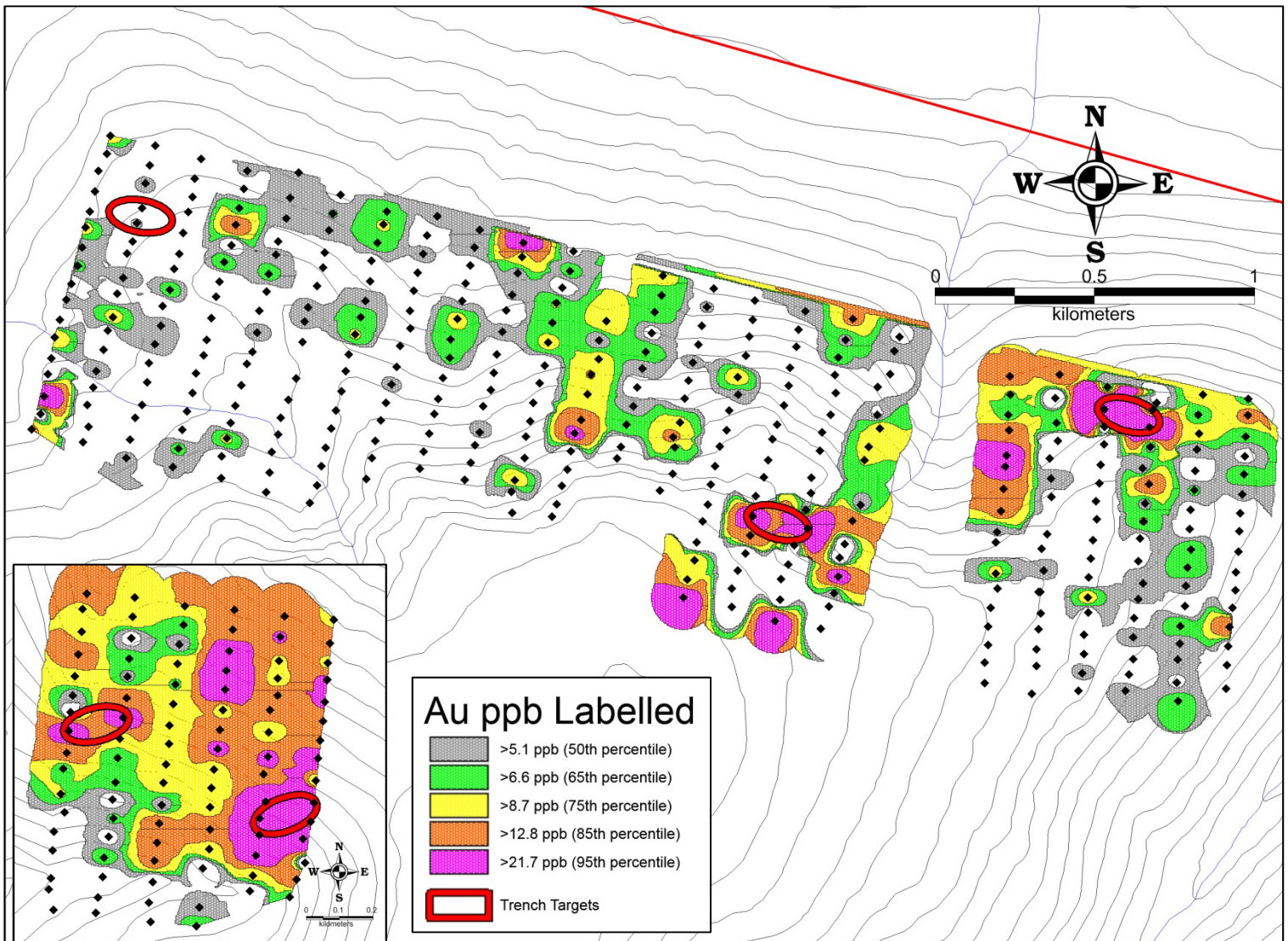


Figure 16: Owl-Anderson Grid and Steep Creek Grid on contoured gold intervals showing potential trench targets.

## References

Becker, T.C.

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

Bond, J.D.

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

Bostock, H.S.

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

Boyle, R.W.

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

Boyle, R.W.

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

Carrell, W.

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

Gleeson, C.F., Boyle, R.W.

1980a Minor and Trace Element Distribution in the Heavy Minerals of the Rivers and Streams of the Keno Hill District Yukon Territory. Geological Survey of Canada Paper 76-31.

Gleeson, C.F., Boyle, R.W.

1980b The Litho-geochemistry of the Keno Hill District Yukon Territory. Geological Survey of Canada Paper 77-31.

Gleeson, C.F. et. Al. (9 Maps)

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

Gleeson, C.F., Boyle, R.W.

1972 Gold in Heavy Mineral Concentrates of stream Sediments, Keno Hill Area, Yukon Territory. Geological Survey of Canada Paper 71-51.

Goldfarb, R., Hart, C., Miller, M., Miller, L., Farmer, G.L. and Groves, D.

2000 The Tintina Gold Belt - A Global Perspective *in* The Tintina Gold Belt: Concepts Exploration and Discoveries, Special Volume 2, British Columbia and Yukon Chamber of Mines Cordilleran Roundup, January 2000.

Green, L.H.

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

- Green, L H; Roddick, J A;  
1972 Geology of Mayo Lake, Yukon Territory. Geological Survey of Canada, "A" Series Map 1284A
- Hart, C.J.R., McCoy, D.T., Goldfarb, R.J., Smith, M., Roberts, P., Hulstein, R., Bakke, A.A., Bundtzen, T.K.  
2002. Geology, exploration and discovery in the Tintina Gold Province, Alaska and Yukon *in* Marsh, E.E., Goldfarb, R.J. and Day, W.C. (eds.), *Integrated Methods for Discovery; Global Exploration in the Twenty-First Century*. Society of Economic Geologists, Special Publication Vol. 9, p. 241–274.
- Hughes, O.L.  
1983 Surficial geology and geomorphology, Mount Edwards, Yukon Territory; Geological Survey of Canada, Map5-1982 (1:100,000)
- Hunt, J.A., Murphy, D.C., Roots, C.F., and Poole, W.H.,  
1996 Geological map of Mt. Haldane area, Yukon (105M/13). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Map 1996-4, scale 1:50 000.
- Kindle, E.D.,  
1962 Geology Keno Hill, Yukon Territory. Geological Survey of Canada, Map 1105A
- Lee, W.K..  
1966 Arivaca Explorations Limited, Mayo Lake Area, Yukon, Assessment Report # 017476, Yukon Energy, Mines & Resources Library.
- Lebarge, W.P., Bond, J.D., Hein, F.J.,  
2002 Placer gold deposits of the Mayo Area, Central Yukon, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 13, pp.209
- Lynch, G.  
2006 Sediment-hosted disseminated gold occurrence, northeast Mayo Lake area. *in* Yukon Exploration and Geology 2005, D.S. Emond, G.D. Bradshaw, L.L. Lewis and L.H. Weston (eds.), Yukon Geological Survey, p. 327-339.
- McIntyre, J.F.  
1966 Arivaca Explorations Limited, Mayo Lake Area, Yukon, Assessment Report # 017476, Yukon Energy, Mines & Resources Library.
- Murphy, D.C. and Roots, C.F.,  
1996 Geological map of Keno Hill area, Yukon (105M/14). Exploration and Geological Services Division, Indian and Northern Affairs Canada, Map 1996-1, scale 1:50 000.
- Murphy, D.C.  
1997 Geology of the McQuesten River Region, Northern McQuesten and Mayo Map Areas, Yukon Territory (105P/14, 15, 16; 105M/B, 14); Exploration and Geological Services Division, Indian and Northern Affairs Canada; Bulletin 6, p. 122.
- Rampton, V.N., Sutherland, T.B.,  
2012 Mayo Lake Minerals Inc. Assessment report on the Anderson Claim Group Geophysical Survey, Yukon Energy, Mines & Resources Library.



Rampton, V.N., Sutherland, T.B.,  
2013 Mayo Lake Minerals Inc. Assessment report on the Anderson Claim Group 2012 Geophysical Interpretation and Geochemical Surveys and Interpretation, Yukon Energy, Mines & Resources Library.

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

## Appendix A

### Statement of Qualifications

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

Rampton Resources Group Inc.

P.O. Box 158, 3226 Carp Road

Carp, Ontario. K0A 1L0

Tel: (613) 836-2594; E-mail: [vrampton@rogers.com](mailto: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 "2013 Geochemical Survey on the Anderson Claim Group". The technical information contained within the report was collected and interpreted under my authority.

Dated the 25<sup>th</sup> day of September 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](mailto: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 "2013 Geochemical Survey on the Anderson Claim Group" 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 25<sup>th</sup> day of September, 2013



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Tyrell Brodie Sutherland

**Appendix B**  
Sample Collection data

Sample ID	Sample Type	Date	Sampler	Claim Group	Long	Lat	Datum	Elevation	Easting	Northing	Datum
127843	Soil	2013/8/16	Darrellkraemer	Anderson	-135.111	63.739	WGS84	964.4	494508.9	7067900	Z8N_WGS84
127844	Soil	2013/8/16	Darrellkraemer	Anderson	-135.112	63.738	WGS84	969	494482.4	7067821	Z8N_WGS84
127845	Soil	2013/8/16	Darrellkraemer	Anderson	-135.112	63.737	WGS84	1003	494470.1	7067757	Z8N_WGS84
127846	Soil	2013/8/16	Darrellkraemer	Anderson	-135.113	63.737	WGS84	1009.7	494444.4	7067685	Z8N_WGS84
127847	Soil	2013/8/16	Darrellkraemer	Anderson	-135.113	63.736	WGS84	1033.3	494437.2	7067642	Z8N_WGS84
127848	Soil	2013/8/16	Darrellkraemer	Anderson	-135.113	63.736	WGS84	1056.3	494415.4	7067582	Z8N_WGS84
127849	Soil	2013/8/16	Darrellkraemer	Anderson	-135.113	63.735	WGS84	1062.5	494407.5	7067527	Z8N_WGS84
127850	Soil	2013/8/16	Darrellkraemer	Anderson	-135.114	63.735	WGS84	1071.9	494384.8	7067467	Z8N_WGS84
127851	Soil	2013/8/16	Darrellkraemer	Anderson	-135.114	63.734	WGS84	1023	494378.8	7067398	Z8N_WGS84
127852	Soil	2013/8/16	Darrellkraemer	Anderson	-135.114	63.734	WGS84	1039.4	494364.2	7067338	Z8N_WGS84
127853	Soil	2013/8/16	Darrellkraemer	Anderson	-135.115	63.733	WGS84	1049.1	494346.1	7067300	Z8N_WGS84
127854	Soil	2013/8/16	Darrellkraemer	Anderson	-135.115	63.733	WGS84	1055.5	494328.9	7067234	Z8N_WGS84
127855	Soil	2013/8/16	Darrellkraemer	Anderson	-135.115	63.732	WGS84	1050	494310.7	7067170	Z8N_WGS84
127856	Soil	2013/8/16	Darrellkraemer	Anderson	-135.116	63.732	WGS84	1041.8	494295.9	7067116	Z8N_WGS84
127857	Soil	2013/8/16	Darrellkraemer	Anderson	-135.116	63.731	WGS84	1062.4	494283	7067067	Z8N_WGS84
127858	Soil	2013/8/16	Darrellkraemer	Anderson	-135.116	63.731	WGS84	1090.1	494267.1	7067012	Z8N_WGS84
127859	Soil	2013/8/16	Darrellkraemer	Anderson	-135.116	63.73	WGS84	1098.2	494265.7	7066943	Z8N_WGS84
127860	Soil	2013/8/16	Darrellkraemer	Anderson	-135.113	63.73	WGS84	1101.2	494406.3	7066898	Z8N_WGS84
127861	Soil	2013/8/16	Darrellkraemer	Anderson	-135.113	63.73	WGS84	1076.2	494416.8	7066960	Z8N_WGS84
127862	Soil	2013/8/16	Darrellkraemer	Anderson	-135.113	63.731	WGS84	1073	494423.9	7067024	Z8N_WGS84
127863	Soil	2013/8/16	Darrellkraemer	Anderson	-135.113	63.731	WGS84	1068.1	494444.2	7067080	Z8N_WGS84
127864	Soil	2013/8/16	Darrellkraemer	Anderson	-135.112	63.732	WGS84	1073.5	494452	7067132	Z8N_WGS84
127865	Soil	2013/8/16	Darrellkraemer	Anderson	-135.112	63.732	WGS84	1069.3	494477	7067188	Z8N_WGS84
127866	Soil	2013/8/16	Darrellkraemer	Anderson	-135.111	63.733	WGS84	1074.1	494501	7067255	Z8N_WGS84
127867	Soil	2013/8/16	Darrellkraemer	Anderson	-135.111	63.734	WGS84	1084	494521	7067370	Z8N_WGS84
127868	Soil	2013/8/16	Darrellkraemer	Anderson	-135.111	63.735	WGS84	1080.1	494527.1	7067433	Z8N_WGS84
127869	Soil	2013/8/16	Darrellkraemer	Anderson	-135.111	63.735	WGS84	1065.9	494537.5	7067477	Z8N_WGS84
127870	Soil	2013/8/16	Darrellkraemer	Anderson	-135.11	63.736	WGS84	1044.1	494566.5	7067545	Z8N_WGS84
127871	Soil	2013/8/16	Darrellkraemer	Anderson	-135.11	63.736	WGS84	1018.7	494584.7	7067602	Z8N_WGS84
127872	Soil	2013/8/16	Darrellkraemer	Anderson	-135.11	63.736	WGS84	996.6	494590.9	7067649	Z8N_WGS84
127873	Soil	2013/8/16	Darrellkraemer	Anderson	-135.109	63.737	WGS84	971.4	494603.6	7067719	Z8N_WGS84
127874	Soil	2013/8/16	Darrellkraemer	Anderson	-135.109	63.738	WGS84	953.7	494616.5	7067771	Z8N_WGS84
127875	Soil	2013/8/16	Darrellkraemer	Anderson	-135.109	63.738	WGS84	933.7	494640.1	7067831	Z8N_WGS84
127876	Soil	2013/8/16	Darrellkraemer	Anderson	-135.094	63.737	WGS84	957.3	495369.2	7067654	Z8N_WGS84
127877	Soil	2013/8/17	Darrellkraemer	Anderson	-135.094	63.736	WGS84	971.3	495358.5	7067592	Z8N_WGS84
127878	Soil	2013/8/17	Darrellkraemer	Anderson	-135.094	63.736	WGS84	982.4	495334.6	7067540	Z8N_WGS84
127879	Soil	2013/8/17	Darrellkraemer	Anderson	-135.095	63.735	WGS84	1036.7	495315.6	7067491	Z8N_WGS84
127880	Soil	2013/8/17	Darrellkraemer	Anderson	-135.095	63.735	WGS84	1050.4	495303.6	7067429	Z8N_WGS84
127881	Soil	2013/8/17	Darrellkraemer	Anderson	-135.095	63.734	WGS84	1058.6	495290.7	7067367	Z8N_WGS84
127882	Soil	2013/8/17	Darrellkraemer	Anderson	-135.096	63.733	WGS84	1084.6	495279.2	7067296	Z8N_WGS84
127883	Soil	2013/8/17	Darrellkraemer	Anderson	-135.096	63.733	WGS84	1097.4	495263.9	7067240	Z8N_WGS84
127884	Soil	2013/8/17	Darrellkraemer	Anderson	-135.096	63.732	WGS84	1132.3	495242.8	7067179	Z8N_WGS84

Sample ID	Sample Type	Date	Sampler	Claim Group	Long	Lat	Datum	Elevation	Easting	Northing	Datum
127885	Soil	2013/8/17	Darrellkraemer	Anderson	-135.097	63.732	WGS84	1146.4	495234	7067121	Z8N_WGS84
127886	Soil	2013/8/17	Darrellkraemer	Anderson	-135.097	63.731	WGS84	1172.1	495220.3	7067073	Z8N_WGS84
127887	Soil	2013/8/17	Darrellkraemer	Anderson	-135.097	63.731	WGS84	1197.2	495216.2	7067006	Z8N_WGS84
127888	Soil	2013/8/17	Darrellkraemer	Anderson	-135.097	63.73	WGS84	1224.9	495185.8	7066936	Z8N_WGS84
127889	Soil	2013/8/17	Darrellkraemer	Anderson	-135.098	63.73	WGS84	1251.4	495175.6	7066900	Z8N_WGS84
127890	Soil	2013/8/17	Darrellkraemer	Anderson	-135.098	63.73	WGS84	1251.4	495175.6	7066900	Z8N_WGS84
127891	Soil	2013/8/17	Darrellkraemer	Anderson	-135.098	63.729	WGS84	1275.6	495177.1	7066835	Z8N_WGS84
127892	Soil	2013/8/17	Darrellkraemer	Anderson	-135.095	63.729	WGS84	1329.5	495302.1	7066822	Z8N_WGS84
127893	Soil	2013/8/17	Darrellkraemer	Anderson	-135.095	63.729	WGS84	1291.2	495317.4	7066861	Z8N_WGS84
127894	Soil	2013/8/18	Darrellkraemer	Anderson	-135.095	63.73	WGS84	1281.8	495332.5	7066919	Z8N_WGS84
127895	Soil	2013/8/18	Darrellkraemer	Anderson	-135.094	63.73	WGS84	1254.9	495350.5	7066970	Z8N_WGS84
127896	Soil	2013/8/18	Darrellkraemer	Anderson	-135.094	63.731	WGS84	1216.2	495360.7	7067027	Z8N_WGS84
127897	Soil	2013/8/18	Darrellkraemer	Anderson	-135.094	63.731	WGS84	1173.2	495374	7067083	Z8N_WGS84
127898	Soil	2013/8/18	Darrellkraemer	Anderson	-135.093	63.732	WGS84	1164.7	495393	7067125	Z8N_WGS84
127899	Soil	2013/8/18	Darrellkraemer	Anderson	-135.093	63.733	WGS84	1113.9	495413.3	7067205	Z8N_WGS84
127900	Soil	2013/8/18	Darrellkraemer	Anderson	-135.093	63.733	WGS84	1089.3	495424	7067268	Z8N_WGS84
127901	Soil	2013/8/18	Darrellkraemer	Anderson	-135.092	63.734	WGS84	1078	495448.9	7067316	Z8N_WGS84
127902	Soil	2013/8/18	Darrellkraemer	Anderson	-135.092	63.734	WGS84	1049.4	495449.2	7067375	Z8N_WGS84
127903	soil	2013/8/18	Darrellkraemer	Anderson	-135.092	63.735	WGS84	1048	495472.5	7067435	Z8N_WGS84
127904	Soil	2013/8/18	Darrellkraemer	Anderson	-135.076	63.735	WGS84	983.1	496244.6	7067442	Z8N_WGS84
127905	Soil	2013/8/18	Darrellkraemer	Anderson	-135.077	63.734	WGS84	979.4	496222.5	7067376	Z8N_WGS84
127906	Soil	2013/8/18	Darrellkraemer	Anderson	-135.077	63.734	WGS84	1028.1	496198.8	7067321	Z8N_WGS84
127907	Soil	2013/8/18	Darrellkraemer	Anderson	-135.077	63.733	WGS84	1046.2	496188.1	7067266	Z8N_WGS84
127908	Soil	2013/8/18	Darrellkraemer	Anderson	-135.077	63.733	WGS84	1080.2	496191.1	7067210	Z8N_WGS84
127909	Soil	2013/8/18	Darrellkraemer	Anderson	-135.077	63.732	WGS84	1110.5	496174.6	7067142	Z8N_WGS84
127910	Soil	2013/8/18	Darrellkraemer	Anderson	-135.078	63.731	WGS84	1126.5	496148.2	7067087	Z8N_WGS84
127911	Soil	2013/8/18	Darrellkraemer	Anderson	-135.078	63.731	WGS84	1173.9	496141.1	7067029	Z8N_WGS84
127912	Soil	2013/8/18	Darrellkraemer	Anderson	-135.079	63.73	WGS84	1242.6	496114.9	7066944	Z8N_WGS84
127913	Soil	2013/8/18	Darrellkraemer	Anderson	-135.079	63.73	WGS84	1216.2	496113.6	7066896	Z8N_WGS84
127914	Soil	2013/8/18	Darrellkraemer	Anderson	-135.079	63.729	WGS84	1212.5	496097.5	7066843	Z8N_WGS84
127915	Soil	2013/8/18	Darrellkraemer	Anderson	-135.079	63.729	WGS84	1216.9	496103.1	7066785	Z8N_WGS84
127916	Soil	2013/8/18	Darrellkraemer	Anderson	-135.08	63.728	WGS84	1252.1	496061.3	7066732	Z8N_WGS84
127917	Soil	2013/8/18	Darrellkraemer	Anderson	-135.08	63.728	WGS84	1256.6	496042.3	7066672	Z8N_WGS84
127918	Soil	2013/8/18	Darrellkraemer	Anderson	-135.081	63.727	WGS84	1310.5	496019.8	7066627	Z8N_WGS84
127919	Soil	2013/8/18	Darrellkraemer	Anderson	-135.081	63.727	WGS84	1312	496016.4	7066562	Z8N_WGS84
127920	Soil	2013/8/18	Darrellkraemer	Anderson	-135.081	63.726	WGS84	1316.5	496000.7	7066495	Z8N_WGS84
127921	Soil	2013/8/18	Darrellkraemer	Anderson	-135.078	63.726	WGS84	1304.7	496143.7	7066470	Z8N_WGS84
127922	Soil	2013/8/18	Darrellkraemer	Anderson	-135.078	63.727	WGS84	1302	496169.3	7066541	Z8N_WGS84
127923	Soil	2013/8/18	Darrellkraemer	Anderson	-135.077	63.727	WGS84	1279	496185.8	7066582	Z8N_WGS84
127924	Soil	2013/8/18	Darrellkraemer	Anderson	-135.077	63.727	WGS84	1256.2	496198.7	7066635	Z8N_WGS84
127925	Soil	2013/8/18	Darrellkraemer	Anderson	-135.077	63.728	WGS84	1226.9	496203.6	7066694	Z8N_WGS84
127926	Soil	2013/8/18	Darrellkraemer	Anderson	-135.077	63.728	WGS84	1189.6	496218.6	7066737	Z8N_WGS84

Sample ID	Sample Type	Date	Sampler	Claim Group	Long	Lat	Datum	Elevation	Easting	Northing	Datum
127927	Soil	2013/8/18	DarrellKraemer	Anderson	-135.076	63.729	WGS84	1167.4	496243.9	7066808	Z8N_WGS84
127928	Soil	2013/8/18	DarrellKraemer	Anderson	-135.076	63.729	WGS84	1161.5	496268.3	7066859	Z8N_WGS84
127929	Soil	2013/8/18	DarrellKraemer	Anderson	-135.075	63.731	WGS84	1116.4	496280.7	7066999	Z8N_WGS84
127930	Soil	2013/8/18	DarrellKraemer	Anderson	-135.075	63.731	WGS84	1098.5	496294	7067040	Z8N_WGS84
127931	Soil	2013/8/18	DarrellKraemer	Anderson	-135.074	63.732	WGS84	1076.9	496328.7	7067099	Z8N_WGS84
127932	Soil	2013/8/18	DarrellKraemer	Anderson	-135.074	63.732	WGS84	1051.5	496321.8	7067142	Z8N_WGS84
127933	Soil	2013/8/18	DarrellKraemer	Anderson	-135.074	63.733	WGS84	1041.4	496322.8	7067228	Z8N_WGS84
127934	Soil	2013/8/18	DarrellKraemer	Anderson	-135.074	63.733	WGS84	1006.7	496360.8	7067268	Z8N_WGS84
127935	Soil	2013/8/18	DarrellKraemer	Anderson	-135.073	63.734	WGS84	985.2	496374.8	7067341	Z8N_WGS84
127936	Soil	2013/8/18	DarrellKraemer	Anderson	-135.073	63.734	WGS84	968.5	496390.6	7067385	Z8N_WGS84
127937	Soil	2013/8/19	DarrellKraemer	Anderson	-134.983	63.702	WGS84	922	500852.5	7063795	Z8N_WGS84
127938	Soil	2013/8/19	DarrellKraemer	Anderson	-134.983	63.701	WGS84	949.7	500846.2	7063737	Z8N_WGS84
127939	Soil	2013/8/19	DarrellKraemer	Anderson	-134.983	63.701	WGS84	970.3	500843.6	7063685	Z8N_WGS84
127940	Field Duplicate	2013/8/19	DarrellKraemer	Anderson	-134.983	63.701	WGS84	972.9	500844.7	7063686	Z8N_WGS84
127941	Soil	2013/8/19	DarrellKraemer	Anderson	-134.983	63.7	WGS84	982.4	500836.8	7063619	Z8N_WGS84
127942	Soil	2013/8/19	DarrellKraemer	Anderson	-134.983	63.7	WGS84	1008.7	500831.4	7063561	Z8N_WGS84
127943	Soil	2013/8/19	DarrellKraemer	Anderson	-134.983	63.699	WGS84	1025.8	500823.1	7063504	Z8N_WGS84
127944	Soil	2013/8/19	DarrellKraemer	Anderson	-134.983	63.699	WGS84	1055.6	500816.6	7063450	Z8N_WGS84
127945	Soil	2013/8/19	DarrellKraemer	Anderson	-134.984	63.698	WGS84	1079.8	500810.5	7063382	Z8N_WGS84
127946	Soil	2013/8/19	DarrellKraemer	Anderson	-134.984	63.698	WGS84	1106.5	500805.6	7063315	Z8N_WGS84
127947	Soil	2013/8/19	DarrellKraemer	Anderson	-134.984	63.697	WGS84	1127.2	500794.9	7063260	Z8N_WGS84
127948	Soil	2013/8/19	DarrellKraemer	Anderson	-134.984	63.697	WGS84	1172.2	500771.9	7063208	Z8N_WGS84
127949	Soil	2013/8/19	DarrellKraemer	Anderson	-134.984	63.696	WGS84	1152.6	500778	7063136	Z8N_WGS84
127950	Soil	2013/8/19	DarrellKraemer	Anderson	-134.985	63.696	WGS84	1228.9	500751.8	7063086	Z8N_WGS84
127951	Soil	2013/8/19	DarrellKraemer	Anderson	-134.985	63.695	WGS84	1239.6	500731.4	7063033	Z8N_WGS84
127952	Soil	2013/8/19	DarrellKraemer	Anderson	-134.988	63.695	WGS84	1282.7	500612.7	7063051	Z8N_WGS84
127953	Soil	2013/8/19	DarrellKraemer	Anderson	-134.987	63.696	WGS84	1272.4	500621.3	7063097	Z8N_WGS84
127954	Soil	2013/8/19	DarrellKraemer	Anderson	-134.987	63.696	WGS84	1244.2	500630.2	7063157	Z8N_WGS84
127955	Soil	2013/8/19	DarrellKraemer	Anderson	-134.987	63.697	WGS84	1208.9	500640	7063220	Z8N_WGS84
127956	Soil	2013/8/19	DarrellKraemer	Anderson	-134.987	63.697	WGS84	1171.6	500642.2	7063269	Z8N_WGS84
127957	Soil	2013/8/19	DarrellKraemer	Anderson	-134.987	63.698	WGS84	1136.8	500659.4	7063320	Z8N_WGS84
127958	Soil	2013/8/19	DarrellKraemer	Anderson	-134.987	63.698	WGS84	1093	500652.7	7063402	Z8N_WGS84
127959	Soil	2013/8/19	DarrellKraemer	Anderson	-134.987	63.699	WGS84	1068.8	500666.6	7063455	Z8N_WGS84
127960	Soil	2013/8/19	DarrellKraemer	Anderson	-134.986	63.7	WGS84	1056.1	500668.3	7063528	Z8N_WGS84
127961	Soil	2013/8/19	DarrellKraemer	Anderson	-134.986	63.7	WGS84	1024.2	500672.9	7063595	Z8N_WGS84
127962	Soil	2013/8/19	DarrellKraemer	Anderson	-134.986	63.701	WGS84	992.8	500696	7063639	Z8N_WGS84
127963	Soil	2013/8/19	DarrellKraemer	Anderson	-134.986	63.701	WGS84	1001.7	500695.8	7063690	Z8N_WGS84
127964	Soil	2013/8/19	DarrellKraemer	Anderson	-134.986	63.701	WGS84	987.4	500699.9	7063743	Z8N_WGS84
127965	Soil	2013/8/19	DarrellKraemer	Anderson	-134.986	63.702	WGS84	949.8	500702.9	7063814	Z8N_WGS84
127966	Soil	2013/8/19	DarrellKraemer	Anderson	-134.986	63.703	WGS84	919.7	500716.8	7063877	Z8N_WGS84
127967	Soil	2013/8/20	DarrellKraemer	Anderson	-135.066	63.733	WGS84	999.1	496736.2	7067263	Z8N_WGS84
127968	Soil	2013/8/20	DarrellKraemer	Anderson	-135.066	63.733	WGS84	1029.5	496738.1	7067204	Z8N_WGS84

Sample ID	Sample Type	Date	Sampler	Claim Group	Long	Lat	Datum	Elevation	Easting	Northing	Datum
127969	Soil	2013/8/20	DarrellKraemer	Anderson	-135.066	63.732	WGS84	1023.4	496731.6	7067142	Z8N_WGS84
127970	Soil	2013/8/20	DarrellKraemer	Anderson	-135.066	63.732	WGS84	1057.2	496734.2	7067094	Z8N_WGS84
127971	Soil	2013/8/20	DarrellKraemer	Anderson	-135.066	63.731	WGS84	1037.7	496725.6	7067014	Z8N_WGS84
127972	Soil	2013/8/20	DarrellKraemer	Anderson	-135.066	63.73	WGS84	1082	496721.9	7066978	Z8N_WGS84
127973	Soil	2013/8/20	DarrellKraemer	Anderson	-135.066	63.73	WGS84	1105	496716	7066909	Z8N_WGS84
127974	Soil	2013/8/20	DarrellKraemer	Anderson	-135.067	63.729	WGS84	1132.7	496708.4	7066840	Z8N_WGS84
127975	Soil	2013/8/20	DarrellKraemer	Anderson	-135.067	63.729	WGS84	1159.6	496696	7066774	Z8N_WGS84
127976	Soil	2013/8/20	DarrellKraemer	Anderson	-135.067	63.728	WGS84	1182.7	496692.9	7066742	Z8N_WGS84
127977	Soil	2013/8/20	DarrellKraemer	Anderson	-135.067	63.727	WGS84	1175.5	496692.8	7066644	Z8N_WGS84
127978	Soil	2013/8/20	DarrellKraemer	Anderson	-135.067	63.727	WGS84	1226.5	496697.5	7066597	Z8N_WGS84
127979	Soil	2013/8/20	DarrellKraemer	Anderson	-135.067	63.727	WGS84	1236.8	496675.9	7066537	Z8N_WGS84
127980	Soil	2013/8/20	DarrellKraemer	Anderson	-135.067	63.726	WGS84	1218.7	496668.6	7066477	Z8N_WGS84
127981	Soil	2013/8/20	DarrellKraemer	Anderson	-135.067	63.725	WGS84	1213.1	496668.2	7066420	Z8N_WGS84
127982	Soil	2013/8/20	DarrellKraemer	Anderson	-135.068	63.725	WGS84	1210.2	496657	7066365	Z8N_WGS84
127983	Soil	2013/8/20	DarrellKraemer	Anderson	-135.068	63.724	WGS84	1206.8	496657.8	7066301	Z8N_WGS84
127984	Soil	2013/8/20	DarrellKraemer	Anderson	-135.065	63.724	WGS84	1164	496805	7066267	Z8N_WGS84
127985	Soil	2013/8/20	DarrellKraemer	Anderson	-135.064	63.725	WGS84	1188.6	496819.3	7066354	Z8N_WGS84
127986	Soil	2013/8/20	DarrellKraemer	Anderson	-135.064	63.725	WGS84	1185.1	496820.1	7066407	Z8N_WGS84
127987	Soil	2013/8/20	DarrellKraemer	Anderson	-135.064	63.726	WGS84	1192.6	496826	7066470	Z8N_WGS84
127988	Soil	2013/8/20	DarrellKraemer	Anderson	-135.064	63.726	WGS84	1194.4	496832.8	7066519	Z8N_WGS84
127989	Soil	2013/8/20	DarrellKraemer	Anderson	-135.064	63.727	WGS84	1197.7	496832.3	7066586	Z8N_WGS84
127990	Field Duplicate	2013/8/20	DarrellKraemer	Anderson	-135.064	63.727	WGS84	1201.4	496827	7066586	Z8N_WGS84
127991	Soil	2013/8/20	DarrellKraemer	Anderson	-135.064	63.728	WGS84	1193.2	496842.2	7066653	Z8N_WGS84
127992	Soil	2013/8/20	DarrellKraemer	Anderson	-135.064	63.728	WGS84	1194.9	496836.1	7066721	Z8N_WGS84
127993	Soil	2013/8/20	DarrellKraemer	Anderson	-135.064	63.729	WGS84	1185.5	496853	7066768	Z8N_WGS84
127994	Soil	2013/8/20	DarrellKraemer	Anderson	-135.063	63.73	WGS84	1143.3	496866.2	7066884	Z8N_WGS84
127995	Soil	2013/8/20	DarrellKraemer	Anderson	-135.063	63.73	WGS84	1114.1	496865.5	7066942	Z8N_WGS84
127996	Soil	2013/8/20	DarrellKraemer	Anderson	-135.064	63.731	WGS84	1094.9	496862	7067005	Z8N_WGS84
127997	Soil	2013/8/20	DarrellKraemer	Anderson	-135.063	63.731	WGS84	1089.4	496886.6	7067059	Z8N_WGS84
127998	Soil	2013/8/20	DarrellKraemer	Anderson	-135.063	63.732	WGS84	1034	496882.4	7067116	Z8N_WGS84
127999	Soil	2013/8/20	DarrellKraemer	Anderson	-135.063	63.732	WGS84	1032.8	496878.8	7067194	Z8N_WGS84
130575	Soil	2013/8/16	MartyHuber	Anderson	-135.123	63.74	WGS84	947	493918.9	7068016	Z8N_WGS84
130576	Soil	2013/8/16	MartyHuber	Anderson	-135.123	63.739	WGS84	947.8	493908.5	7067959	Z8N_WGS84
130577	Soil	2013/8/16	MartyHuber	Anderson	-135.124	63.739	WGS84	946.6	493881.9	7067906	Z8N_WGS84
130578	Soil	2013/8/16	MartyHuber	Anderson	-135.124	63.738	WGS84	945.5	493870.9	7067841	Z8N_WGS84
130579	Soil	2013/8/16	MartyHuber	Anderson	-135.124	63.738	WGS84	943	493854.3	7067778	Z8N_WGS84
130580	Soil	2013/8/16	MartyHuber	Anderson	-135.125	63.737	WGS84	945.7	493840.6	7067729	Z8N_WGS84
130581	Soil	2013/8/16	MartyHuber	Anderson	-135.125	63.737	WGS84	946.8	493830.1	7067665	Z8N_WGS84
130582	Soil	2013/8/16	MartyHuber	Anderson	-135.125	63.736	WGS84	950.9	493816.4	7067608	Z8N_WGS84
130583	Soil	2013/8/16	MartyHuber	Anderson	-135.126	63.736	WGS84	962.1	493796.9	7067552	Z8N_WGS84
130584	Soil	2013/8/16	MartyHuber	Anderson	-135.126	63.735	WGS84	980.2	493780	7067503	Z8N_WGS84
130585	Soil	2013/8/16	MartyHuber	Anderson	-135.126	63.735	WGS84	968	493760.5	7067439	Z8N_WGS84



Sample ID	Sample Type	Date	Sampler	Claim Group	Long	Lat	Datum	Elevation	Easting	Northing	Datum
130586	Soil	2013/8/16	MartyHuber	Anderson	-135.127	63.734	WGS84	962.7	493744.6	7067383	Z8N_WGS84
130587	Soil	2013/8/16	MartyHuber	Anderson	-135.127	63.733	WGS84	968.1	493733.6	7067318	Z8N_WGS84
130588	Soil	2013/8/16	MartyHuber	Anderson	-135.127	63.733	WGS84	978.8	493723	7067268	Z8N_WGS84
130589	Soil	2013/8/16	MartyHuber	Anderson	-135.127	63.732	WGS84	974.3	493711.5	7067199	Z8N_WGS84
130590	Field Duplicate	2013/8/16	MartyHuber	Anderson	-135.127	63.732	WGS84	974.3	493711.5	7067199	Z8N_WGS84
130591	Soil	2013/8/16	MartyHuber	Anderson	-135.128	63.732	WGS84	968.7	493700.1	7067144	Z8N_WGS84
130592	Soil	2013/8/16	MartyHuber	Anderson	-135.128	63.731	WGS84	970.6	493672.7	7067095	Z8N_WGS84
130593	Soil	2013/8/16	MartyHuber	Anderson	-135.125	63.731	WGS84	1003.9	493833.2	7067056	Z8N_WGS84
130594	Soil	2013/8/16	MartyHuber	Anderson	-135.125	63.732	WGS84	992.7	493850	7067104	Z8N_WGS84
130595	Soil	2013/8/16	MartyHuber	Anderson	-135.125	63.732	WGS84	1000.6	493846.2	7067171	Z8N_WGS84
130596	Soil	2013/8/16	MartyHuber	Anderson	-135.124	63.733	WGS84	1003	493865.4	7067227	Z8N_WGS84
130597	Soil	2013/8/16	MartyHuber	Anderson	-135.124	63.733	WGS84	1002.2	493875	7067278	Z8N_WGS84
130598	Soil	2013/8/16	MartyHuber	Anderson	-135.124	63.734	WGS84	1001.9	493896.9	7067345	Z8N_WGS84
130599	Soil	2013/8/16	MartyHuber	Anderson	-135.123	63.734	WGS84	993.5	493910.4	7067405	Z8N_WGS84
130600	Soil	2013/8/16	MartyHuber	Anderson	-135.123	63.735	WGS84	993.9	493927.4	7067447	Z8N_WGS84
130601	Soil	2013/8/16	MartyHuber	Anderson	-135.123	63.735	WGS84	1007.3	493940	7067520	Z8N_WGS84
130602	Soil	2013/8/16	MartyHuber	Anderson	-135.122	63.736	WGS84	1013	493959.5	7067570	Z8N_WGS84
130603	Soil	2013/8/16	MartyHuber	Anderson	-135.122	63.736	WGS84	1013.1	493970.9	7067647	Z8N_WGS84
130604	Soil	2013/8/16	MartyHuber	Anderson	-135.122	63.737	WGS84	1004.7	493988.7	7067684	Z8N_WGS84
130605	Soil	2013/8/16	MartyHuber	Anderson	-135.121	63.737	WGS84	988.3	494002.4	7067742	Z8N_WGS84
130606	Soil	2013/8/16	MartyHuber	Anderson	-135.121	63.738	WGS84	978.5	494018.3	7067788	Z8N_WGS84
130607	Soil	2013/8/16	MartyHuber	Anderson	-135.121	63.738	WGS84	981.4	494029.1	7067866	Z8N_WGS84
130608	Soil	2013/8/16	MartyHuber	Anderson	-135.121	63.739	WGS84	980.2	494041.6	7067923	Z8N_WGS84
130609	Soil	2013/8/16	MartyHuber	Anderson	-135.12	63.739	WGS84	973.2	494059.7	7067984	Z8N_WGS84
130610	Soil	2013/8/17	MartyHuber	Anderson	-135.097	63.737	WGS84	948.2	495212.5	7067680	Z8N_WGS84
130611	Soil	2013/8/17	MartyHuber	Anderson	-135.097	63.736	WGS84	961.7	495209	7067636	Z8N_WGS84
130612	Soil	2013/8/17	MartyHuber	Anderson	-135.097	63.736	WGS84	985.5	495194.7	7067585	Z8N_WGS84
130613	Soil	2013/8/17	MartyHuber	Anderson	-135.098	63.735	WGS84	999.8	495178.2	7067517	Z8N_WGS84
130614	Soil	2013/8/17	MartyHuber	Anderson	-135.098	63.735	WGS84	1028	495158.9	7067468	Z8N_WGS84
130615	Soil	2013/8/17	MartyHuber	Anderson	-135.098	63.734	WGS84	1060.7	495147.4	7067401	Z8N_WGS84
130616	Soil	2013/8/17	MartyHuber	Anderson	-135.099	63.734	WGS84	1062.8	495129.5	7067330	Z8N_WGS84
130617	Soil	2013/8/17	MartyHuber	Anderson	-135.099	63.733	WGS84	1071.4	495119.5	7067273	Z8N_WGS84
130618	Soil	2013/8/17	MartyHuber	Anderson	-135.099	63.733	WGS84	1075.6	495110.5	7067219	Z8N_WGS84
130619	Soil	2013/8/17	MartyHuber	Anderson	-135.099	63.732	WGS84	1105.2	495086.9	7067169	Z8N_WGS84
130620	Soil	2013/8/17	MartyHuber	Anderson	-135.1	63.731	WGS84	1109.9	495075.1	7067086	Z8N_WGS84
130621	Soil	2013/8/17	MartyHuber	Anderson	-135.1	63.731	WGS84	1154.1	495061.4	7067046	Z8N_WGS84
130622	Soil	2013/8/17	MartyHuber	Anderson	-135.1	63.731	WGS84	1168.6	495047.8	7066990	Z8N_WGS84
130623	Soil	2013/8/17	MartyHuber	Anderson	-135.101	63.73	WGS84	1204.5	495029.4	7066937	Z8N_WGS84
130624	Soil	2013/8/17	MartyHuber	Anderson	-135.104	63.73	WGS84	1214.1	494888.4	7066973	Z8N_WGS84
130625	Soil	2013/8/17	MartyHuber	Anderson	-135.103	63.731	WGS84	1185.5	494900	7067026	Z8N_WGS84
130626	Soil	2013/8/17	MartyHuber	Anderson	-135.103	63.731	WGS84	1162.3	494917.7	7067082	Z8N_WGS84
130627	Soil	2013/8/17	MartyHuber	Anderson	-135.103	63.732	WGS84	1136.9	494933.1	7067144	Z8N_WGS84

Sample ID	Sample Type	Date	Sampler	Claim Group	Long	Lat	Datum	Elevation	Easting	Northing	Datum
130628	Soil	2013/8/17	MartyHuber	Anderson	-135.102	63.732	WGS84	1090.1	494946.1	7067190	Z8N_WGS84
130629	Soil	2013/8/17	MartyHuber	Anderson	-135.102	63.733	WGS84	1056.2	494960.8	7067257	Z8N_WGS84
130630	Soil	2013/8/17	MartyHuber	Anderson	-135.102	63.734	WGS84	1036.9	494982.4	7067319	Z8N_WGS84
130631	Soil	2013/8/17	MartyHuber	Anderson	-135.102	63.734	WGS84	1009.4	494984.9	7067377	Z8N_WGS84
130632	Soil	2013/8/17	MartyHuber	Anderson	-135.101	63.735	WGS84	998.9	495005.8	7067441	Z8N_WGS84
130633	Soil	2013/8/17	MartyHuber	Anderson	-135.101	63.735	WGS84	989	495020.7	7067498	Z8N_WGS84
130634	Soil	2013/8/17	MartyHuber	Anderson	-135.101	63.736	WGS84	980.4	495030.9	7067553	Z8N_WGS84
130635	Soil	2013/8/17	MartyHuber	Anderson	-135.1	63.736	WGS84	964.1	495046.5	7067609	Z8N_WGS84
130636	Soil	2013/8/17	MartyHuber	Anderson	-135.1	63.737	WGS84	951.8	495059.9	7067666	Z8N_WGS84
130637	Soil	2013/8/17	MartyHuber	Anderson	-135.1	63.737	WGS84	940.3	495075.2	7067720	Z8N_WGS84
130638	Soil	2013/8/18	MartyHuber	Anderson	-135.082	63.735	WGS84	1003.2	495937.9	7067499	Z8N_WGS84
130639	Soil	2013/8/18	MartyHuber	Anderson	-135.082	63.735	WGS84	1009.5	495931	7067439	Z8N_WGS84
130640	Soil	2013/8/18	MartyHuber	Anderson	-135.083	63.734	WGS84	1028.7	495920.1	7067387	Z8N_WGS84
130641	Soil	2013/8/18	MartyHuber	Anderson	-135.083	63.734	WGS84	1047.7	495909.7	7067326	Z8N_WGS84
130678	Soil	2013/8/18	MartyHuber	Anderson	-135.083	63.733	WGS84	1091.4	495884.5	7067260	Z8N_WGS84
130679	Soil	2013/8/18	MartyHuber	Anderson	-135.083	63.733	WGS84	1121.9	495884.9	7067204	Z8N_WGS84
130680	Soil	2013/8/18	MartyHuber	Anderson	-135.084	63.732	WGS84	1162.1	495857.9	7067155	Z8N_WGS84
130681	Soil	2013/8/18	MartyHuber	Anderson	-135.084	63.732	WGS84	1182.6	495849.7	7067092	Z8N_WGS84
130682	Soil	2013/8/18	MartyHuber	Anderson	-135.084	63.731	WGS84	1231.2	495828.1	7067042	Z8N_WGS84
130683	Soil	2013/8/18	MartyHuber	Anderson	-135.085	63.73	WGS84	1244.9	495812.8	7066980	Z8N_WGS84
130684	Soil	2013/8/18	MartyHuber	Anderson	-135.085	63.73	WGS84	1276.7	495799.2	7066922	Z8N_WGS84
130685	Soil	2013/8/18	MartyHuber	Anderson	-135.085	63.729	WGS84	1308.6	495789.8	7066860	Z8N_WGS84
130686	Soil	2013/8/18	MartyHuber	Anderson	-135.086	63.729	WGS84	1311	495774.8	7066808	Z8N_WGS84
130687	Soil	2013/8/18	MartyHuber	Anderson	-135.086	63.728	WGS84	1321.4	495755.3	7066742	Z8N_WGS84
130688	Soil	2013/8/18	MartyHuber	Anderson	-135.086	63.728	WGS84	1328.7	495748.3	7066686	Z8N_WGS84
130689	Soil	2013/8/18	MartyHuber	Anderson	-135.087	63.727	WGS84	1331.9	495725.3	7066625	Z8N_WGS84
130690	Field Duplicate	2013/8/18	MartyHuber	Anderson	-135.087	63.727	WGS84	1331.9	495725.3	7066625	Z8N_WGS84
130691	Soil	2013/8/18	MartyHuber	Anderson	-135.087	63.727	WGS84	1334.7	495714	7066569	Z8N_WGS84
130692	Soil	2013/8/18	MartyHuber	Anderson	-135.084	63.727	WGS84	1330.5	495865	7066539	Z8N_WGS84
130693	Soil	2013/8/18	MartyHuber	Anderson	-135.084	63.727	WGS84	1326.2	495865.4	7066597	Z8N_WGS84
130694	Soil	2013/8/18	MartyHuber	Anderson	-135.083	63.728	WGS84	1314.7	495884.2	7066653	Z8N_WGS84
130695	Soil	2013/8/18	MartyHuber	Anderson	-135.083	63.728	WGS84	1310	495907.8	7066707	Z8N_WGS84
130696	Soil	2013/8/18	MartyHuber	Anderson	-135.083	63.729	WGS84	1296.5	495923.4	7066763	Z8N_WGS84
130697	Soil	2013/8/18	MartyHuber	Anderson	-135.082	63.729	WGS84	1280	495931	7066823	Z8N_WGS84
130698	Soil	2013/8/18	MartyHuber	Anderson	-135.082	63.73	WGS84	1266.1	495941	7066886	Z8N_WGS84
130699	Soil	2013/8/18	MartyHuber	Anderson	-135.082	63.73	WGS84	1253	495965.5	7066946	Z8N_WGS84
130700	Soil	2013/8/18	MartyHuber	Anderson	-135.081	63.731	WGS84	1244.9	495979.3	7066999	Z8N_WGS84
130701	Soil	2013/8/18	MartyHuber	Anderson	-135.081	63.731	WGS84	1220.2	495992.3	7067065	Z8N_WGS84
130702	Soil	2013/8/18	MartyHuber	Anderson	-135.081	63.732	WGS84	1186.9	496007.3	7067110	Z8N_WGS84
130703	Soil	2013/8/18	MartyHuber	Anderson	-135.08	63.732	WGS84	1153.7	496029	7067171	Z8N_WGS84
130704	Soil	2013/8/18	MartyHuber	Anderson	-135.08	63.733	WGS84	1110.4	496043.6	7067232	Z8N_WGS84
130705	Soil	2013/8/18	MartyHuber	Anderson	-135.08	63.733	WGS84	1071.6	496047.6	7067289	Z8N_WGS84

Sample ID	Sample Type	Date	Sampler	Claim Group	Long	Lat	Datum	Elevation	Easting	Northing	Datum
130706	Soil	2013/8/18	MartyHuber	Anderson	-135.08	63.734	WGS84	1037.9	496068.4	7067354	Z8N_WGS84
130707	Soil	2013/8/18	MartyHuber	Anderson	-135.08	63.734	WGS84	1011.7	496074.5	7067408	Z8N_WGS84
130708	Soil	2013/8/18	MartyHuber	Anderson	-135.079	63.735	WGS84	979.2	496095.5	7067466	Z8N_WGS84
130709	Soil	2013/8/19	MartyHuber	Anderson	-134.998	63.703	WGS84	974.2	500122.2	7063945	Z8N_WGS84
130710	Soil	2013/8/19	MartyHuber	Anderson	-134.998	63.703	WGS84	985.2	500108.7	7063898	Z8N_WGS84
130711	Soil	2013/8/19	MartyHuber	Anderson	-134.998	63.702	WGS84	1005.6	500107.2	7063830	Z8N_WGS84
130712	Soil	2013/8/19	MartyHuber	Anderson	-134.998	63.702	WGS84	1034.2	500097	7063763	Z8N_WGS84
130713	Soil	2013/8/19	MartyHuber	Anderson	-134.998	63.701	WGS84	1056.2	500086.4	7063697	Z8N_WGS84
130714	Soil	2013/8/19	MartyHuber	Anderson	-134.998	63.701	WGS84	1077.8	500080	7063638	Z8N_WGS84
130715	Silt	2013/8/19	MartyHuber	Anderson	-134.999	63.7	WGS84	1078.7	500072.7	7063589	Z8N_WGS84
130716	Soil	2013/8/19	MartyHuber	Anderson	-134.999	63.7	WGS84	1104.6	500068.4	7063532	Z8N_WGS84
130717	Silt	2013/8/19	MartyHuber	Anderson	-134.999	63.699	WGS84	1138.8	500061.6	7063466	Z8N_WGS84
130718	Soil	2013/8/19	MartyHuber	Anderson	-134.999	63.699	WGS84	1170.4	500051.5	7063419	Z8N_WGS84
130719	Soil	2013/8/19	MartyHuber	Anderson	-134.999	63.698	WGS84	1194	500043.6	7063342	Z8N_WGS84
130720	Soil	2013/8/19	MartyHuber	Anderson	-134.999	63.697	WGS84	1234.6	500055.3	7063288	Z8N_WGS84
130721	Soil	2013/8/19	MartyHuber	Anderson	-135	63.697	WGS84	1274.9	500022.6	7063229	Z8N_WGS84
130722	Soil	2013/8/19	MartyHuber	Anderson	-135	63.696	WGS84	1308	500019.3	7063173	Z8N_WGS84
130723	Soil	2013/8/19	MartyHuber	Anderson	-135	63.696	WGS84	1369.9	500014.4	7063090	Z8N_WGS84
130724	Soil	2013/8/19	MartyHuber	Anderson	-135	63.695	WGS84	1364.8	500007	7063057	Z8N_WGS84
130725	Soil	2013/8/19	MartyHuber	Anderson	-135	63.695	WGS84	1360.4	500022.4	7062994	Z8N_WGS84
130726	Soil	2013/8/19	MartyHuber	Anderson	-134.997	63.695	WGS84	1319.7	500148.8	7062985	Z8N_WGS84
130727	Soil	2013/8/19	MartyHuber	Anderson	-134.997	63.695	WGS84	1338.2	500155	7063031	Z8N_WGS84
130728	Soil	2013/8/19	MartyHuber	Anderson	-134.997	63.696	WGS84	1363.1	500169.2	7063093	Z8N_WGS84
130729	Soil	2013/8/19	MartyHuber	Anderson	-134.996	63.696	WGS84	1355.5	500173.8	7063151	Z8N_WGS84
130730	Soil	2013/8/19	MartyHuber	anderson	-134.996	63.697	WGS84	1331.2	500187.8	7063214	Z8N_WGS84
130731	Soil	2013/8/19	MartyHuber	anderson	-134.996	63.697	WGS84	1292.1	500201.5	7063270	Z8N_WGS84
130732	Soil	2013/8/19	MartyHuber	anderson	-134.996	63.698	WGS84	1239.7	500199.7	7063326	Z8N_WGS84
130733	Soil	2013/8/19	MartyHuber	anderson	-134.996	63.698	WGS84	1209	500208.6	7063378	Z8N_WGS84
130734	Soil	2013/8/19	MartyHuber	anderson	-134.996	63.699	WGS84	1169.8	500214.6	7063451	Z8N_WGS84
130735	Soil	2013/8/19	MartyHuber	anderson	-134.996	63.699	WGS84	1132.8	500221.1	7063508	Z8N_WGS84
130736	Soil	2013/8/19	MartyHuber	anderson	-134.995	63.7	WGS84	1108.1	500231.3	7063572	Z8N_WGS84
130737	Soil	2013/8/19	MartyHuber	anderson	-134.995	63.7	WGS84	1089.6	500241.6	7063631	Z8N_WGS84
130738	Soil	2013/8/19	MartyHuber	anderson	-134.995	63.701	WGS84	1065.4	500243.9	7063695	Z8N_WGS84
130739	Soil	2013/8/19	MartyHuber	anderson	-134.995	63.702	WGS84	1047.8	500250	7063750	Z8N_WGS84
130740	Field Duplicate	2013/8/19	MartyHuber	anderson	-134.995	63.702	WGS84	1047.8	500250	7063750	Z8N_WGS84
130741	Soil	2013/8/19	MartyHuber	anderson	-134.995	63.702	WGS84	1010.3	500255.7	7063811	Z8N_WGS84
130742	Soil	2013/8/19	MartyHuber	anderson	-134.995	63.703	WGS84	999	500259.2	7063875	Z8N_WGS84
130743	Soil	2013/8/19	MartyHuber	anderson	-134.995	63.703	WGS84	977.1	500266.6	7063933	Z8N_WGS84
130744	Soil	2013/8/20	MartyHuber	anderson	-135.06	63.733	WGS84	1054.9	497041.9	7067228	Z8N_WGS84
130745	Soil	2013/8/20	MartyHuber	anderson	-135.06	63.732	WGS84	1071.9	497032.5	7067159	Z8N_WGS84
130746	Soil	2013/8/20	MartyHuber	anderson	-135.06	63.732	WGS84	1095.7	497032.6	7067103	Z8N_WGS84
130747	Soil	2013/8/20	MartyHuber	anderson	-135.06	63.731	WGS84	1145.9	497032.2	7067049	Z8N_WGS84

Sample ID	Sample Type	Date	Sampler	Claim Group	Long	Lat	Datum	Elevation	Easting	Northing	Datum
130748	Soil	2013/8/20	MartyHuber	anderson	-135.06	63.731	WGS84	1142.3	497021.3	7066985	Z8N_WGS84
130749	Soil	2013/8/20	MartyHuber	anderson	-135.06	63.73	WGS84	1153.9	497017.5	7066927	Z8N_WGS84
130750	Soil	2013/8/20	MartyHuber	anderson	-135.061	63.73	WGS84	1158.4	497005.8	7066870	Z8N_WGS84
130751	Soil	2013/8/20	MartyHuber	anderson	-135.061	63.729	WGS84	1156.4	497009	7066815	Z8N_WGS84
130752	Soil	2013/8/20	MartyHuber	anderson	-135.061	63.728	WGS84	1173.2	496997.3	7066749	Z8N_WGS84
130753	Soil	2013/8/20	MartyHuber	anderson	-135.061	63.728	WGS84	1177.2	496989.7	7066691	Z8N_WGS84
130754	Soil	2013/8/20	MartyHuber	anderson	-135.061	63.727	WGS84	1176.7	496983.5	7066632	Z8N_WGS84
130755	Soil	2013/8/20	MartyHuber	anderson	-135.061	63.727	WGS84	1169.4	496981.2	7066569	Z8N_WGS84
130756	Soil	2013/8/20	MartyHuber	anderson	-135.061	63.726	WGS84	1160.4	496982.1	7066522	Z8N_WGS84
130757	Soil	2013/8/20	MartyHuber	anderson	-135.061	63.726	WGS84	1156.4	496969.1	7066453	Z8N_WGS84
130758	Soil	2013/8/20	MartyHuber	anderson	-135.061	63.725	WGS84	1145.6	496968.6	7066392	Z8N_WGS84
130759	Soil	2013/8/20	MartyHuber	anderson	-135.061	63.725	WGS84	1143.1	496963.2	7066331	Z8N_WGS84
130760	Soil	2013/8/20	MartyHuber	anderson	-135.062	63.724	WGS84	1145.4	496951.8	7066276	Z8N_WGS84
130761	Soil	2013/8/20	MartyHuber	anderson	-135.059	63.724	WGS84	1091.5	497098.7	7066277	Z8N_WGS84
130762	Soil	2013/8/20	MartyHuber	anderson	-135.059	63.725	WGS84	1094.7	497108.9	7066327	Z8N_WGS84
130763	Soil	2013/8/20	MartyHuber	anderson	-135.058	63.725	WGS84	1110.9	497123	7066376	Z8N_WGS84
130764	Soil	2013/8/20	MartyHuber	anderson	-135.058	63.726	WGS84	1129.1	497123.5	7066444	Z8N_WGS84
130765	Soil	2013/8/20	MartyHuber	anderson	-135.058	63.726	WGS84	1136.8	497126	7066504	Z8N_WGS84
130766	Soil	2013/8/20	MartyHuber	anderson	-135.058	63.727	WGS84	1132.1	497139.5	7066563	Z8N_WGS84
130767	Soil	2013/8/20	MartyHuber	anderson	-135.058	63.727	WGS84	1137	497153	7066613	Z8N_WGS84
130768	Soil	2013/8/20	MartyHuber	anderson	-135.058	63.728	WGS84	1147.2	497138.8	7066683	Z8N_WGS84
130769	Soil	2013/8/20	MartyHuber	anderson	-135.058	63.728	WGS84	1148	497143.7	7066754	Z8N_WGS84
130770	Soil	2013/8/20	MartyHuber	anderson	-135.058	63.729	WGS84	1154.4	497155.2	7066808	Z8N_WGS84
130771	Soil	2013/8/20	MartyHuber	anderson	-135.058	63.729	WGS84	1151.5	497160.3	7066863	Z8N_WGS84
130772	Soil	2013/8/20	MartyHuber	anderson	-135.057	63.73	WGS84	1152.8	497171.8	7066924	Z8N_WGS84
130773	Soil	2013/8/20	MartyHuber	anderson	-135.058	63.73	WGS84	1149.4	497152.2	7066974	Z8N_WGS84
130774	Soil	2013/8/20	MartyHuber	anderson	-135.057	63.731	WGS84	1133.5	497177.1	7067041	Z8N_WGS84
130775	Soil	2013/8/20	MartyHuber	anderson	-135.057	63.732	WGS84	1127.6	497173.7	7067103	Z8N_WGS84
130776	Soil	2013/8/20	MartyHuber	anderson	-135.057	63.732	WGS84	1105.7	497186	7067159	Z8N_WGS84
130777	Soil	2013/8/20	MartyHuber	anderson	-135.057	63.732	WGS84	1064.9	497196.8	7067178	Z8N_WGS84
130800	Soil	2013/8/16	tyrell sutherland	anderson	-135.117	63.739	WGS84	985.1	494202.9	7067943	Z8N_WGS84
130801	Soil	2013/8/16	tyrell sutherland	anderson	-135.118	63.739	WGS84	985.7	494183.3	7067882	Z8N_WGS84
130802	Soil	2013/8/16	tyrell sutherland	anderson	-135.118	63.738	WGS84	985.9	494176.3	7067824	Z8N_WGS84
130803	Soil	2013/8/16	tyrell sutherland	anderson	-135.118	63.738	WGS84	1008.5	494162.2	7067777	Z8N_WGS84
130804	Soil	2013/8/16	tyrell sutherland	anderson	-135.119	63.737	WGS84	1015.8	494146.7	7067711	Z8N_WGS84
130805	Soil	2013/8/16	tyrell sutherland	anderson	-135.119	63.736	WGS84	1034.2	494134.7	7067646	Z8N_WGS84
130806	Soil	2013/8/16	tyrell sutherland	anderson	-135.119	63.736	WGS84	1043.2	494118.9	7067598	Z8N_WGS84
130807	Soil	2013/8/16	tyrell sutherland	anderson	-135.119	63.735	WGS84	1037.6	494105.4	7067533	Z8N_WGS84
130808	Soil	2013/8/16	tyrell sutherland	anderson	-135.12	63.735	WGS84	1036.3	494082.7	7067481	Z8N_WGS84
130809	Soil	2013/8/16	tyrell sutherland	anderson	-135.12	63.734	WGS84	1034.2	494076.7	7067420	Z8N_WGS84
130810	Soil	2013/8/16	tyrell sutherland	anderson	-135.12	63.734	WGS84	1025	494058	7067362	Z8N_WGS84
130811	Soil	2013/8/16	tyrell sutherland	anderson	-135.121	63.733	WGS84	1020.4	494040	7067303	Z8N_WGS84

Sample ID	Sample Type	Date	Sampler	Claim Group	Long	Lat	Datum	Elevation	Easting	Northing	Datum
130812	Soil	2013/8/16	tyrell sutherland	anderson	-135.121	63.733	WGS84	1017.6	494034	7067243	Z8N_WGS84
130813	Soil	2013/8/16	tyrell sutherland	anderson	-135.121	63.732	WGS84	1010.5	494018.6	7067173	Z8N_WGS84
130814	Soil	2013/8/16	tyrell sutherland	anderson	-135.122	63.732	WGS84	1015.4	493996.2	7067131	Z8N_WGS84
130815	Soil	2013/8/16	tyrell sutherland	anderson	-135.122	63.731	WGS84	1022.6	493979.8	7067063	Z8N_WGS84
130816	Soil	2013/8/16	tyrell sutherland	anderson	-135.122	63.731	WGS84	1023.7	493968.3	7067006	Z8N_WGS84
130817	Soil	2013/8/16	tyrell sutherland	anderson	-135.119	63.73	WGS84	1064.8	494114.9	7066978	Z8N_WGS84
130818	Soil	2013/8/16	tyrell sutherland	anderson	-135.119	63.731	WGS84	1053.1	494132.1	7067036	Z8N_WGS84
130819	Soil	2013/8/16	tyrell sutherland	anderson	-135.119	63.731	WGS84	1047	494144.2	7067094	Z8N_WGS84
130820	Soil	2013/8/16	tyrell sutherland	anderson	-135.118	63.732	WGS84	1030.3	494158.9	7067152	Z8N_WGS84
130821	Soil	2013/8/16	tyrell sutherland	anderson	-135.118	63.733	WGS84	1025.4	494175.7	7067210	Z8N_WGS84
130822	Soil	2013/8/16	tyrell sutherland	anderson	-135.118	63.733	WGS84	1027.2	494186.8	7067272	Z8N_WGS84
130823	Soil	2013/8/16	tyrell sutherland	anderson	-135.117	63.734	WGS84	1033.8	494210.4	7067328	Z8N_WGS84
130824	Soil	2013/8/16	tyrell sutherland	anderson	-135.117	63.734	WGS84	1027.7	494219.8	7067376	Z8N_WGS84
130825	Soil	2013/8/16	tyrell sutherland	anderson	-135.117	63.735	WGS84	1030.4	494235.8	7067445	Z8N_WGS84
130826	Soil	2013/8/16	tyrell sutherland	anderson	-135.116	63.735	WGS84	1044.3	494250.2	7067511	Z8N_WGS84
130827	Soil	2013/8/16	tyrell sutherland	anderson	-135.116	63.736	WGS84	1042.3	494260.2	7067558	Z8N_WGS84
130828	Soil	2013/8/16	tyrell sutherland	anderson	-135.116	63.736	WGS84	1052.7	494275.6	7067620	Z8N_WGS84
130829	Soil	2013/8/16	tyrell sutherland	anderson	-135.115	63.737	WGS84	1038.6	494297.7	7067672	Z8N_WGS84
130830	Soil	2013/8/16	tyrell sutherland	anderson	-135.115	63.737	WGS84	1026.5	494311.3	7067736	Z8N_WGS84
130831	Soil	2013/8/16	tyrell sutherland	anderson	-135.115	63.738	WGS84	1003.8	494322.5	7067789	Z8N_WGS84
130832	Soil	2013/8/16	tyrell sutherland	anderson	-135.115	63.738	WGS84	975.7	494336.8	7067849	Z8N_WGS84
130833	Soil	2013/8/16	tyrell sutherland	anderson	-135.114	63.739	WGS84	968.1	494347.3	7067905	Z8N_WGS84
130834	Soil	2013/8/17	tyrell sutherland	anderson	-135.106	63.738	WGS84	941.7	494784.7	7067778	Z8N_WGS84
130835	Soil	2013/8/17	tyrell sutherland	anderson	-135.106	63.737	WGS84	948.4	494774.7	7067738	Z8N_WGS84
130836	Soil	2013/8/17	tyrell sutherland	anderson	-135.106	63.737	WGS84	962.2	494755	7067680	Z8N_WGS84
130837	Soil	2013/8/17	tyrell sutherland	anderson	-135.107	63.736	WGS84	983.7	494736	7067624	Z8N_WGS84
130838	Soil	2013/8/17	tyrell sutherland	anderson	-135.107	63.736	WGS84	995.9	494732.3	7067560	Z8N_WGS84
130839	Soil	2013/8/17	tyrell sutherland	anderson	-135.107	63.735	WGS84	1016.1	494717.2	7067503	Z8N_WGS84
130840	Field Duplicate	2013/8/17	tyrell sutherland	anderson	-135.107	63.735	WGS84	1016.1	494717.2	7067503	Z8N_WGS84
130841	Soil	2013/8/17	tyrell sutherland	anderson	-135.107	63.735	WGS84	1038.4	494703.4	7067447	Z8N_WGS84
130842	Soil	2013/8/17	tyrell sutherland	anderson	-135.108	63.734	WGS84	1038.6	494685.2	7067393	Z8N_WGS84
130843	Soil	2013/8/17	tyrell sutherland	anderson	-135.108	63.734	WGS84	1050.6	494665.3	7067330	Z8N_WGS84
130844	Soil	2013/8/17	tyrell sutherland	anderson	-135.108	63.733	WGS84	1088.3	494656	7067278	Z8N_WGS84
130845	Soil	2013/8/17	tyrell sutherland	anderson	-135.108	63.733	WGS84	1106	494642.5	7067215	Z8N_WGS84
130846	Soil	2013/8/17	tyrell sutherland	anderson	-135.109	63.732	WGS84	1099	494624.6	7067155	Z8N_WGS84
130847	Soil	2013/8/17	tyrell sutherland	anderson	-135.109	63.732	WGS84	1110.8	494610.2	7067098	Z8N_WGS84
130848	Soil	2013/8/17	tyrell sutherland	anderson	-135.11	63.731	WGS84	1115.7	494592.6	7067039	Z8N_WGS84
130849	Soil	2013/8/17	tyrell sutherland	anderson	-135.11	63.73	WGS84	1113.4	494580	7066980	Z8N_WGS84
130850	Soil	2013/8/17	tyrell sutherland	anderson	-135.11	63.73	WGS84	1102.2	494565.7	7066920	Z8N_WGS84
130851	Soil	2013/8/17	tyrell sutherland	anderson	-135.11	63.729	WGS84	1103.8	494543.2	7066865	Z8N_WGS84
130852	Silt	2013/8/17	tyrell sutherland	anderson	-135.107	63.73	WGS84	1156.7	494720.3	7066940	Z8N_WGS84
130853	Soil	2013/8/17	tyrell sutherland	anderson	-135.107	63.731	WGS84	1171.5	494737.8	7067006	Z8N_WGS84

Sample ID	Sample Type	Date	Sampler	Claim Group	Long	Lat	Datum	Elevation	Easting	Northing	Datum
130854	Soil	2013/8/17	tyrell sutherland	anderson	-135.106	63.731	WGS84	1140.5	494749	7067060	Z8N_WGS84
130855	Soil	2013/8/17	tyrell sutherland	anderson	-135.106	63.732	WGS84	1136.9	494766.4	7067123	Z8N_WGS84
130856	Soil	2013/8/17	tyrell sutherland	anderson	-135.106	63.732	WGS84	1121.3	494782.1	7067179	Z8N_WGS84
130857	Soil	2013/8/17	tyrell sutherland	anderson	-135.105	63.733	WGS84	1106.8	494799.6	7067236	Z8N_WGS84
130858	Soil	2013/8/17	tyrell sutherland	anderson	-135.105	63.733	WGS84	1059.9	494816.2	7067292	Z8N_WGS84
130859	Soil	2013/8/17	tyrell sutherland	anderson	-135.105	63.734	WGS84	1041.7	494825.9	7067357	Z8N_WGS84
130860	Soil	2013/8/17	tyrell sutherland	anderson	-135.104	63.734	WGS84	1004.5	494858.6	7067411	Z8N_WGS84
130861	Soil	2013/8/17	tyrell sutherland	anderson	-135.104	63.735	WGS84	989.7	494857.2	7067466	Z8N_WGS84
130862	Soil	2013/8/17	tyrell sutherland	anderson	-135.104	63.735	WGS84	966	494869.9	7067530	Z8N_WGS84
130863	Silt	2013/8/17	tyrell sutherland	anderson	-135.104	63.736	WGS84	961.2	494880.9	7067586	Z8N_WGS84
130864	Soil	2013/8/17	tyrell sutherland	anderson	-135.103	63.736	WGS84	942.7	494898.5	7067645	Z8N_WGS84
130865	Soil	2013/8/17	tyrell sutherland	anderson	-135.103	63.737	WGS84	935.4	494911.4	7067703	Z8N_WGS84
130866	Soil	2013/8/17	tyrell sutherland	anderson	-135.102	63.738	WGS84	935.7	494942.9	7067763	Z8N_WGS84
130867	Soil	2013/8/18	tyrell sutherland	anderson	-135.088	63.736	WGS84	971.7	0	0	Z8N_WGS84
130868	Soil	2013/8/18	tyrell sutherland	anderson	-135.088	63.735	WGS84	980.1	0	0	Z8N_WGS84
130869	Soil	2013/8/18	tyrell sutherland	anderson	-135.089	63.735	WGS84	998.2	0	0	Z8N_WGS84
130870	Soil	2013/8/18	tyrell sutherland	anderson	-135.089	63.734	WGS84	1022.4	0	0	Z8N_WGS84
130871	Soil	2013/8/18	tyrell sutherland	anderson	-135.089	63.734	WGS84	1047.7	0	0	Z8N_WGS84
130872	Soil	2013/8/18	tyrell sutherland	anderson	-135.089	63.733	WGS84	1070.6	0	0	Z8N_WGS84
130873	Soil	2013/8/18	tyrell sutherland	anderson	-135.09	63.733	WGS84	1104.4	0	0	Z8N_WGS84
130874	Soil	2013/8/18	tyrell sutherland	anderson	-135.09	63.732	WGS84	1139.4	0	0	Z8N_WGS84
130875	Soil	2013/8/18	tyrell sutherland	anderson	-135.09	63.732	WGS84	1168.2	0	0	Z8N_WGS84
130876	Rock	2013/8/18	tyrell sutherland	anderson	-135.091	63.732	WGS84	1227.7	0	0	Z8N_WGS84
130877	Soil	2013/8/18	tyrell sutherland	anderson	-135.091	63.731	WGS84	1188.6	0	0	Z8N_WGS84
130878	Soil	2013/8/18	tyrell sutherland	anderson	-135.091	63.731	WGS84	1217.4	0	0	Z8N_WGS84
130879	Rock	2013/8/18	tyrell sutherland	anderson	-135.091	63.731	WGS84	1255.3	0	0	Z8N_WGS84
130880	Soil	2013/8/18	tyrell sutherland	anderson	-135.088	63.73	WGS84	1294.8	0	0	Z8N_WGS84
130881	Soil	2013/8/18	tyrell sutherland	anderson	-135.087	63.73	WGS84	1272.8	0	0	Z8N_WGS84
130882	Silt	2013/8/18	tyrell sutherland	anderson	-135.087	63.731	WGS84	1203.1	0	0	Z8N_WGS84
130883	Soil	2013/8/18	tyrell sutherland	anderson	-135.087	63.731	WGS84	1193.4	0	0	Z8N_WGS84
130884	Soil	2013/8/18	tyrell sutherland	anderson	-135.087	63.732	WGS84	1150	0	0	Z8N_WGS84
130885	Soil	2013/8/18	tyrell sutherland	anderson	-135.087	63.732	WGS84	1143.1	0	0	Z8N_WGS84
130886	Soil	2013/8/18	tyrell sutherland	anderson	-135.086	63.733	WGS84	1113.6	0	0	Z8N_WGS84
130887	Soil	2013/8/18	tyrell sutherland	anderson	-135.086	63.733	WGS84	1082	0	0	Z8N_WGS84
130888	Soil	2013/8/18	tyrell sutherland	anderson	-135.086	63.734	WGS84	1039.7	0	0	Z8N_WGS84
130889	Soil	2013/8/18	tyrell sutherland	anderson	-135.086	63.734	WGS84	1017.9	0	0	Z8N_WGS84
130890	Field Duplicate	2013/8/18	tyrell sutherland	anderson	-135.086	63.734	WGS84	1017.9	0	0	Z8N_WGS84
130891	Soil	2013/8/18	tyrell sutherland	anderson	-135.085	63.735	WGS84	992	0	0	Z8N_WGS84
130892	Soil	2013/8/18	tyrell sutherland	anderson	-135.085	63.735	WGS84	959.3	0	0	Z8N_WGS84
130893	Soil	2013/8/19	tyrell sutherland	anderson	-134.992	63.703	WGS84	981.3	500417	7063908	Z8N_WGS84
130894	Soil	2013/8/19	tyrell sutherland	anderson	-134.992	63.702	WGS84	992.4	500412.2	7063851	Z8N_WGS84
130895	Soil	2013/8/19	tyrell sutherland	anderson	-134.992	63.702	WGS84	1025.2	500400.4	7063792	Z8N_WGS84

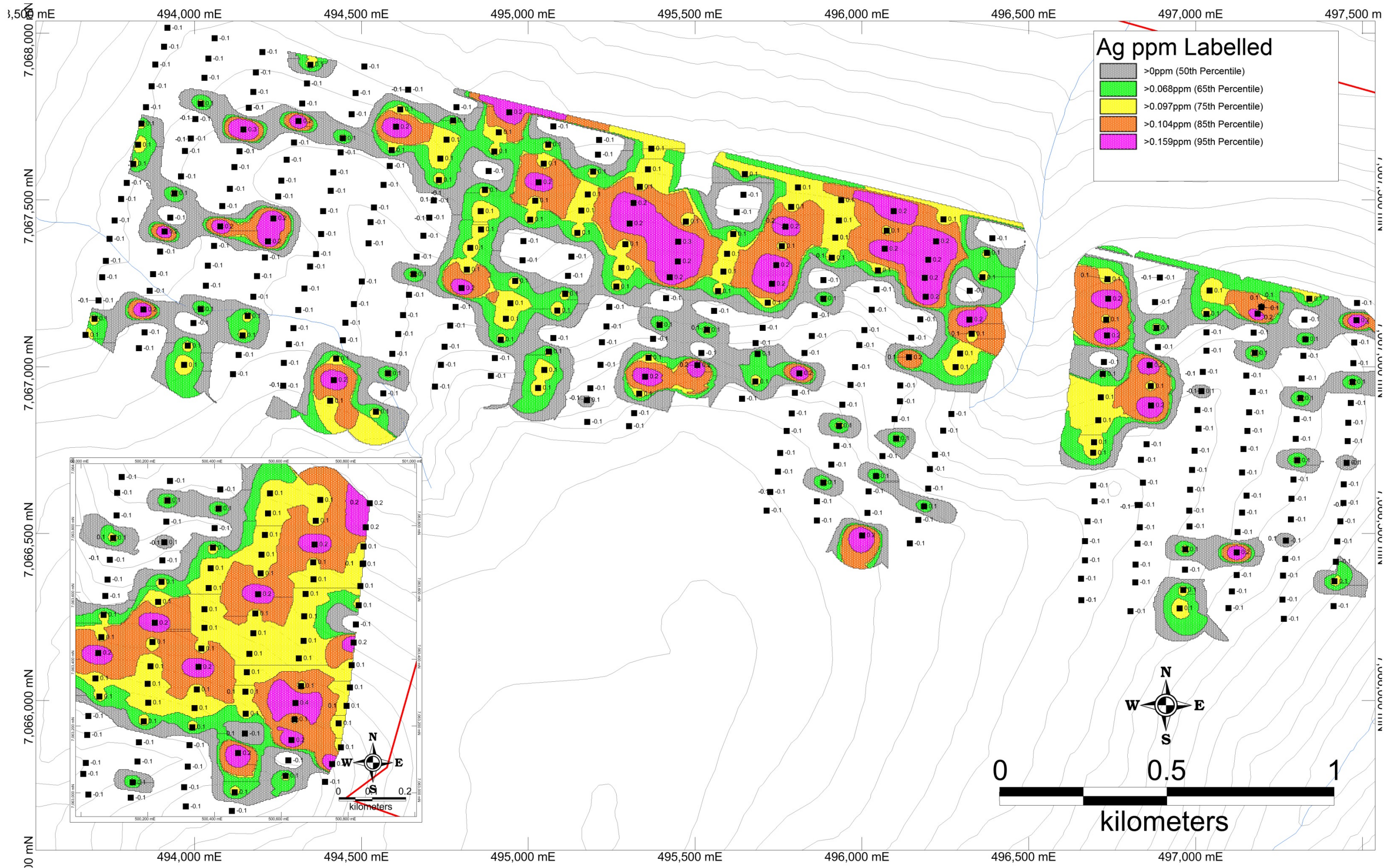
Sample ID	Sample Type	Date	Sampler	Claim Group	Long	Lat	Datum	Elevation	Easting	Northing	Datum
130896	Soil	2013/8/19	tyrell sutherland	anderson	-134.992	63.701	WGS84	1035.6	500395.2	7063733	Z8N_WGS84
130897	Soil	2013/8/19	tyrell sutherland	anderson	-134.992	63.701	WGS84	1054	500388.9	7063672	Z8N_WGS84
130898	Soil	2013/8/19	tyrell sutherland	anderson	-134.992	63.7	WGS84	1078.1	500382.3	7063613	Z8N_WGS84
130899	Soil	2013/8/19	tyrell sutherland	anderson	-134.993	63.7	WGS84	1084.5	500370.1	7063549	Z8N_WGS84
130900	Soil	2013/8/19	tyrell sutherland	anderson	-134.993	63.699	WGS84	1101.4	500369.5	7063493	Z8N_WGS84
130901	Soil	2013/8/19	tyrell sutherland	anderson	-134.993	63.699	WGS84	1144	500360.5	7063432	Z8N_WGS84
130902	Soil	2013/8/19	tyrell sutherland	anderson	-134.993	63.698	WGS84	1167.9	500351.9	7063376	Z8N_WGS84
130903	Soil	2013/8/19	tyrell sutherland	anderson	-134.993	63.698	WGS84	1206.3	500346.9	7063309	Z8N_WGS84
130904	Soil	2013/8/19	tyrell sutherland	anderson	-134.993	63.697	WGS84	1238	500339.9	7063254	Z8N_WGS84
130905	Soil	2013/8/19	tyrell sutherland	anderson	-134.993	63.697	WGS84	1280	500333.3	7063196	Z8N_WGS84
130906	Soil	2013/8/19	tyrell sutherland	anderson	-134.993	63.696	WGS84	1331.6	500324.8	7063142	Z8N_WGS84
130907	Soil	2013/8/19	tyrell sutherland	anderson	-134.994	63.696	WGS84	1340.7	500319.8	7063078	Z8N_WGS84
130908	Rock	2013/8/19	tyrell sutherland	anderson	-134.994	63.695	WGS84	1341.8	500319.2	7063075	Z8N_WGS84
130909	Soil	2013/8/19	tyrell sutherland	anderson	-134.994	63.695	WGS84	1330	500309.1	7063017	Z8N_WGS84
130910	Soil	2013/8/19	tyrell sutherland	anderson	-134.994	63.694	WGS84	1278.8	500314	7062959	Z8N_WGS84
130911	Soil	2013/8/19	tyrell sutherland	anderson	-134.991	63.694	WGS84	1259.5	500451.8	7062946	Z8N_WGS84
130912	Soil	2013/8/19	tyrell sutherland	anderson	-134.991	63.695	WGS84	1273	500460	7063002	Z8N_WGS84
130913	Soil	2013/8/19	tyrell sutherland	anderson	-134.99	63.696	WGS84	1276.6	500470.6	7063119	Z8N_WGS84
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130915	Soil	2013/8/19	tyrell sutherland	anderson	-134.99	63.697	WGS84	1214.2	500493	7063237	Z8N_WGS84
130916	Soil	2013/8/19	tyrell sutherland	anderson	-134.99	63.698	WGS84	1180.8	500492.3	7063302	Z8N_WGS84
130917	Soil	2013/8/19	tyrell sutherland	anderson	-134.99	63.698	WGS84	0	0	0	Z8N_WGS84
130918	Soil	2013/8/19	tyrell sutherland	anderson	-134.99	63.699	WGS84	1120.9	500504.5	7063416	Z8N_WGS84
130919	Soil	2013/8/19	tyrell sutherland	anderson	-134.99	63.699	WGS84	1091.1	500516	7063478	Z8N_WGS84
130920	Soil	2013/8/19	tyrell sutherland	anderson	-134.989	63.7	WGS84	1075.5	500522.5	7063536	Z8N_WGS84
130921	Soil	2013/8/19	tyrell sutherland	anderson	-134.989	63.7	WGS84	1061.9	500530.7	7063595	Z8N_WGS84
130922	Soil	2013/8/19	tyrell sutherland	anderson	-134.989	63.701	WGS84	1047.7	500538.1	7063657	Z8N_WGS84
130923	Soil	2013/8/19	tyrell sutherland	anderson	-134.989	63.701	WGS84	1013.3	500541	7063713	Z8N_WGS84
130924	Soil	2013/8/19	tyrell sutherland	anderson	-134.989	63.702	WGS84	996.7	500550.5	7063772	Z8N_WGS84
130925	Soil	2013/8/19	tyrell sutherland	anderson	-134.989	63.702	WGS84	951.3	500560.3	7063836	Z8N_WGS84
130926	Soil	2013/8/19	tyrell sutherland	anderson	-134.989	63.703	WGS84	931.4	500566.4	7063896	Z8N_WGS84
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130935	Soil	2013/8/20	tyrell sutherland	anderson	-135.055	63.728	WGS84	1119.3	497304.1	7066720	Z8N_WGS84
130936	Soil	2013/8/20	tyrell sutherland	anderson	-135.055	63.728	WGS84	1115.2	497293.1	7066663	Z8N_WGS84
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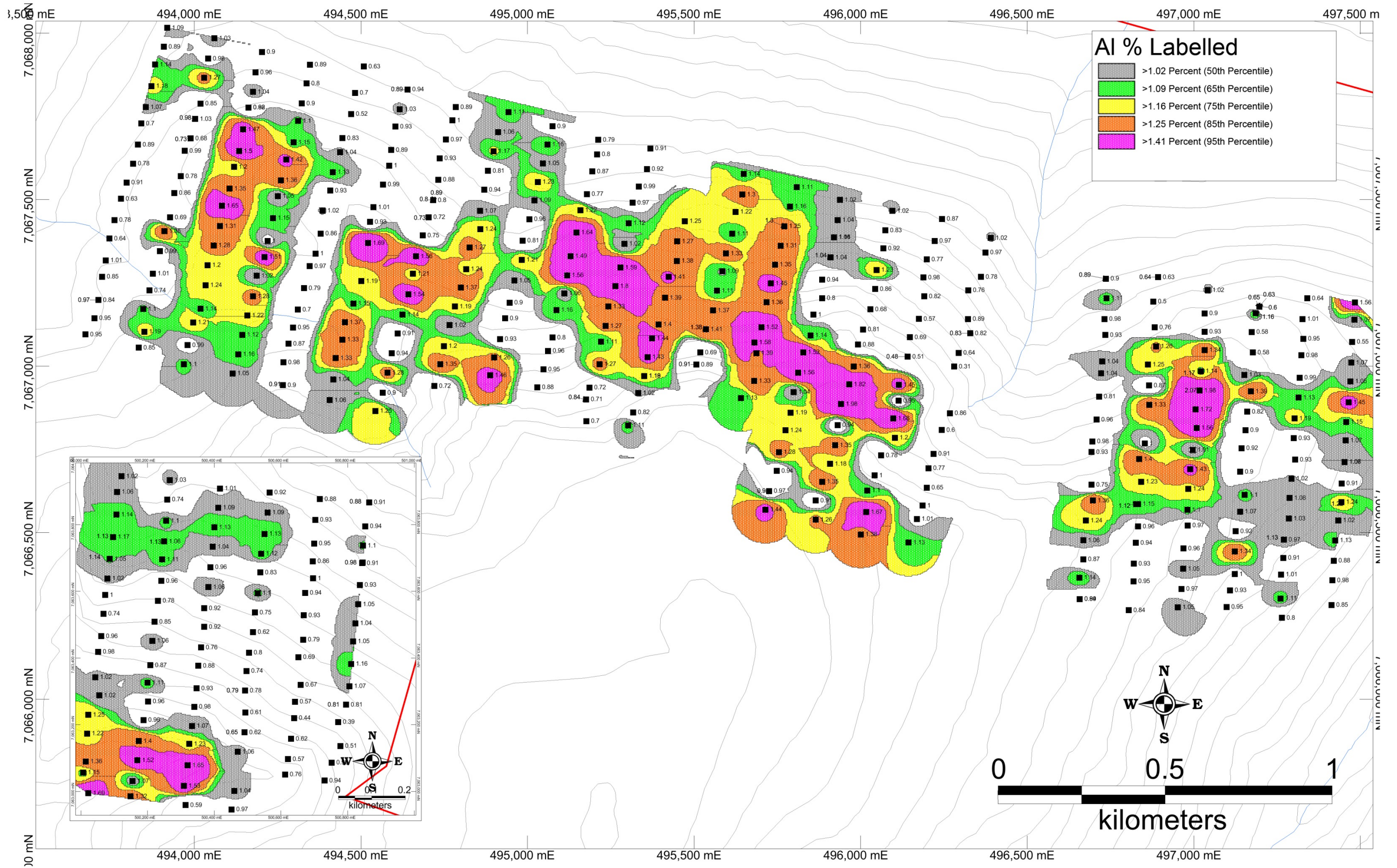
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130939	Soil	2013/8/20	tyrell sutherland	anderson	-135.055	63.726	WGS84	1095.1	497270.5	7066479	Z8N_WGS84
130940	Field Duplicate	2013/8/20	tyrell sutherland	anderson	-135.055	63.726	WGS84	1095.1	497270.5	7066479	Z8N_WGS84
130941	Soil	2013/8/20	tyrell sutherland	anderson	-135.055	63.726	WGS84	1075.4	497269	7066425	Z8N_WGS84
130942	Soil	2013/8/20	tyrell sutherland	anderson	-135.055	63.725	WGS84	1065.2	497262.2	7066374	Z8N_WGS84
130943	Soil	2013/8/20	tyrell sutherland	anderson	-135.055	63.724	WGS84	1045.8	497260	7066303	Z8N_WGS84
130944	Soil	2013/8/20	tyrell sutherland	anderson	-135.055	63.724	WGS84	1043.7	497264.2	7066244	Z8N_WGS84
130945	Soil	2013/8/20	tyrell sutherland	anderson	-135.052	63.724	WGS84	1003.9	497413.4	7066283	Z8N_WGS84
130946	Soil	2013/8/20	tyrell sutherland	anderson	-135.052	63.725	WGS84	999.8	497415.9	7066357	Z8N_WGS84
130947	Soil	2013/8/20	tyrell sutherland	anderson	-135.052	63.725	WGS84	1024.2	497419.9	7066416	Z8N_WGS84
130948	Soil	2013/8/20	tyrell sutherland	anderson	-135.052	63.726	WGS84	1034.1	497424.6	7066477	Z8N_WGS84
130949	Soil	2013/8/20	tyrell sutherland	anderson	-135.052	63.727	WGS84	1059.1	497433.6	7066537	Z8N_WGS84
130950	Soil	2013/8/20	tyrell sutherland	anderson	-135.052	63.727	WGS84	1061.3	497443.5	7066592	Z8N_WGS84
130951	Soil	2013/8/20	tyrell sutherland	anderson	-135.052	63.728	WGS84	1062.9	497444.3	7066648	Z8N_WGS84
130952	Soil	2013/8/20	tyrell sutherland	anderson	-135.052	63.728	WGS84	1075	497452.9	7066712	Z8N_WGS84
130953	Soil	2013/8/20	tyrell sutherland	anderson	-135.052	63.729	WGS84	1080.8	497455.9	7066777	Z8N_WGS84
130954	Soil	2013/8/20	tyrell sutherland	anderson	-135.051	63.729	WGS84	1080.6	497457.5	7066832	Z8N_WGS84
130955	Soil	2013/8/20	tyrell sutherland	anderson	-135.051	63.73	WGS84	1083	497465.2	7066891	Z8N_WGS84
130956	Soil	2013/8/20	tyrell sutherland	anderson	-135.051	63.73	WGS84	1080.6	497470.5	7066954	Z8N_WGS84
130957	Soil	2013/8/20	tyrell sutherland	anderson	-135.051	63.731	WGS84	1081.2	497472.9	7067011	Z8N_WGS84
130958	Soil	2013/8/20	tyrell sutherland	anderson	-135.051	63.731	WGS84	1067.8	497475.3	7067073	Z8N_WGS84
130959	Soil	2013/8/20	tyrell sutherland	anderson	-135.051	63.732	WGS84	1066.8	497482.4	7067139	Z8N_WGS84
130960	Soil	2013/8/20	tyrell sutherland	anderson	-135.051	63.732	WGS84	1052.2	497483.5	7067191	Z8N_WGS84
1127936	Soil	2013/8/19	DarrellKraemer	Anderson	-134.983	63.703	WGS84	0	7063867	0	Z8N_WGS84
1128000	Soil	2013/8/20	DarrellKraemer	Anderson	-135.063	63.733	WGS84	0	7067267	0	Z8N_WGS84

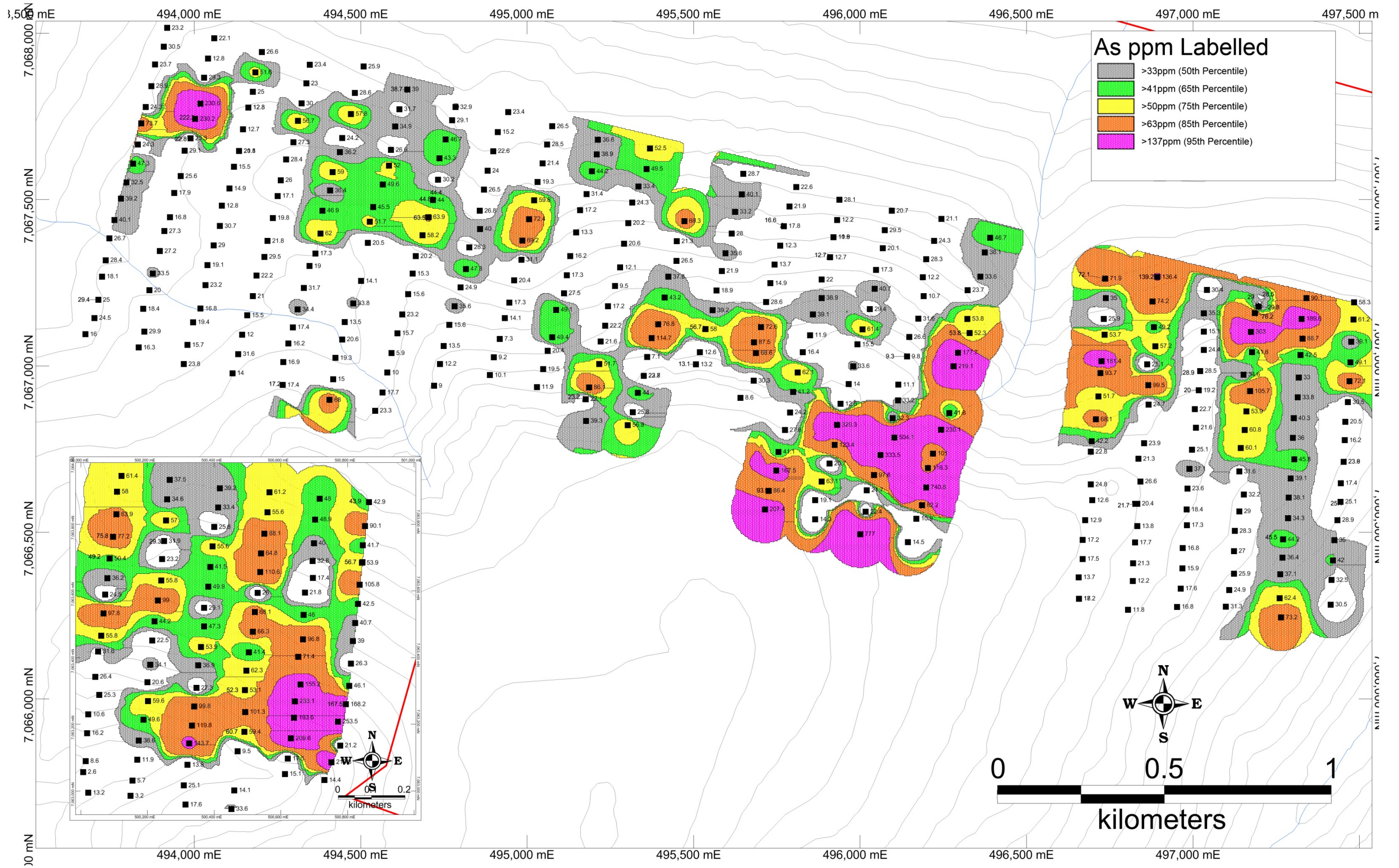


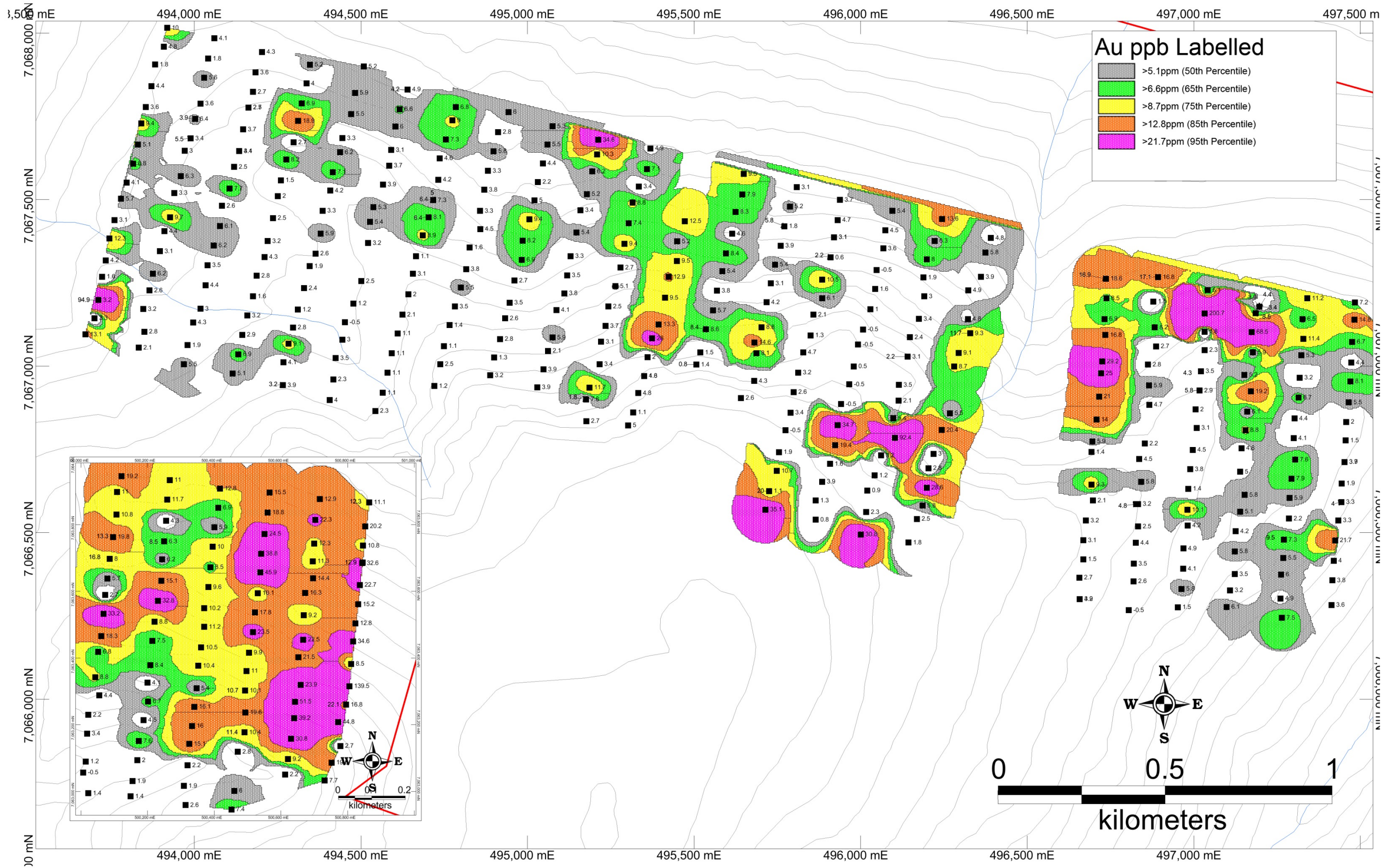
## **Appendix C**

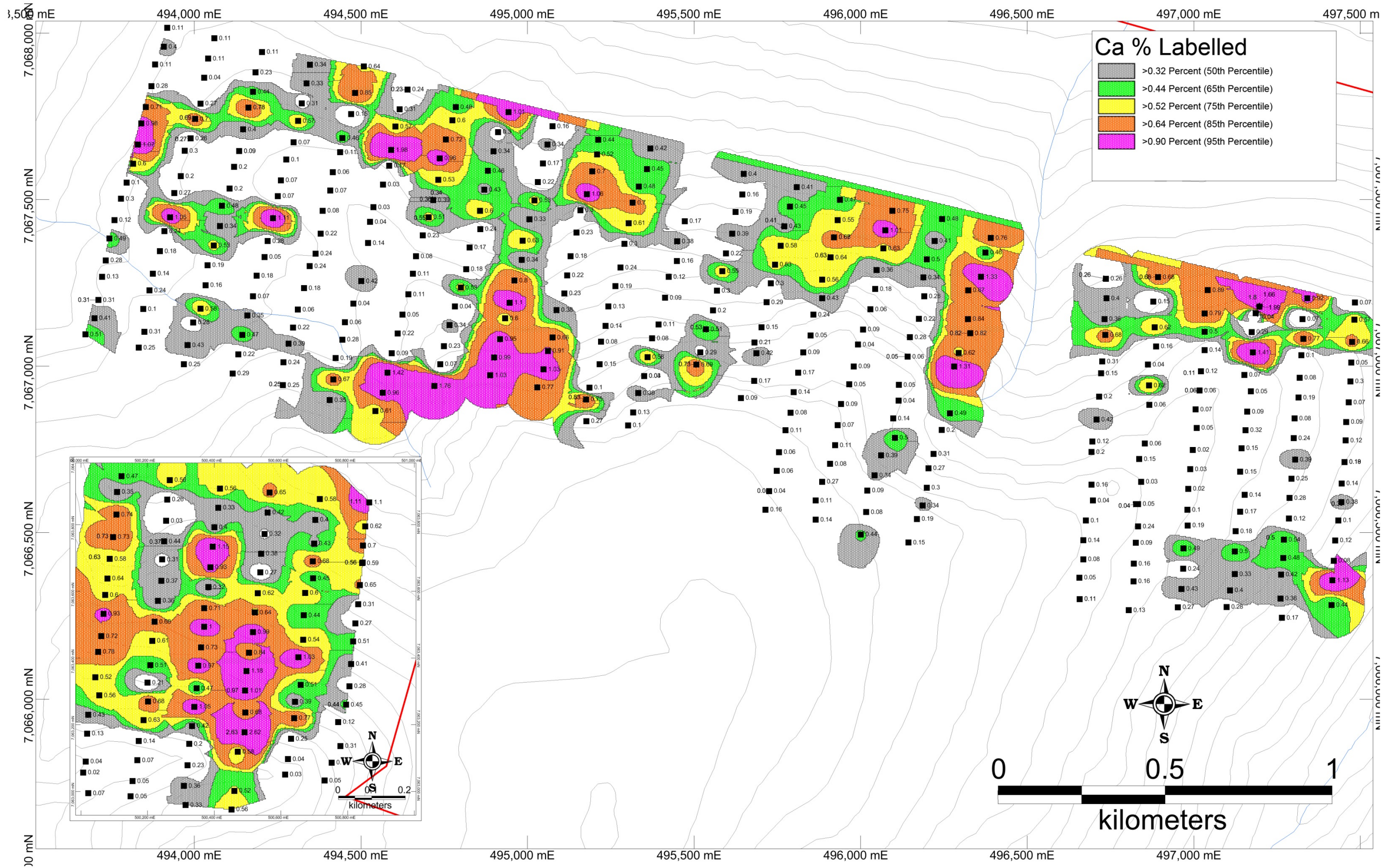
Geochemical Plots

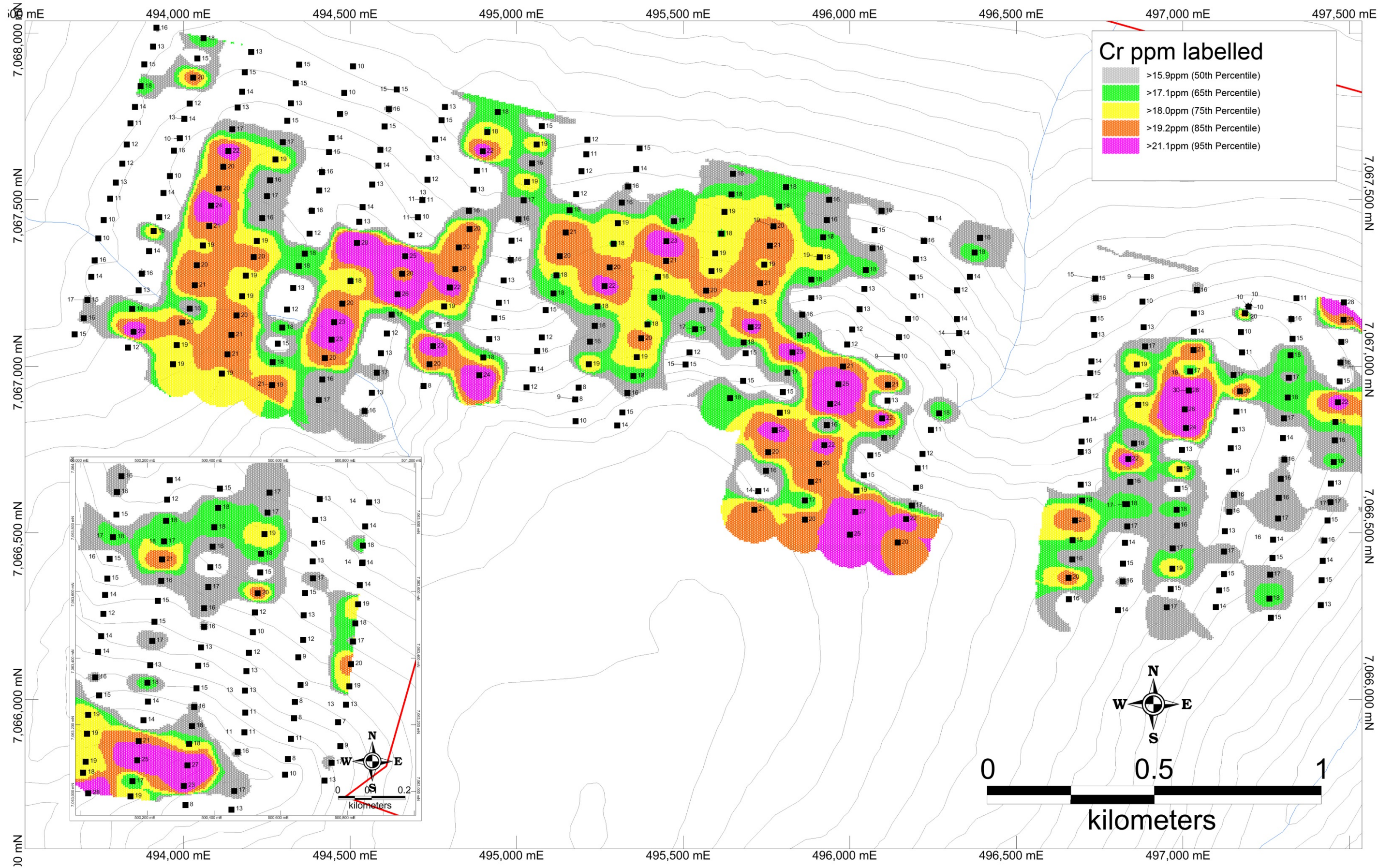


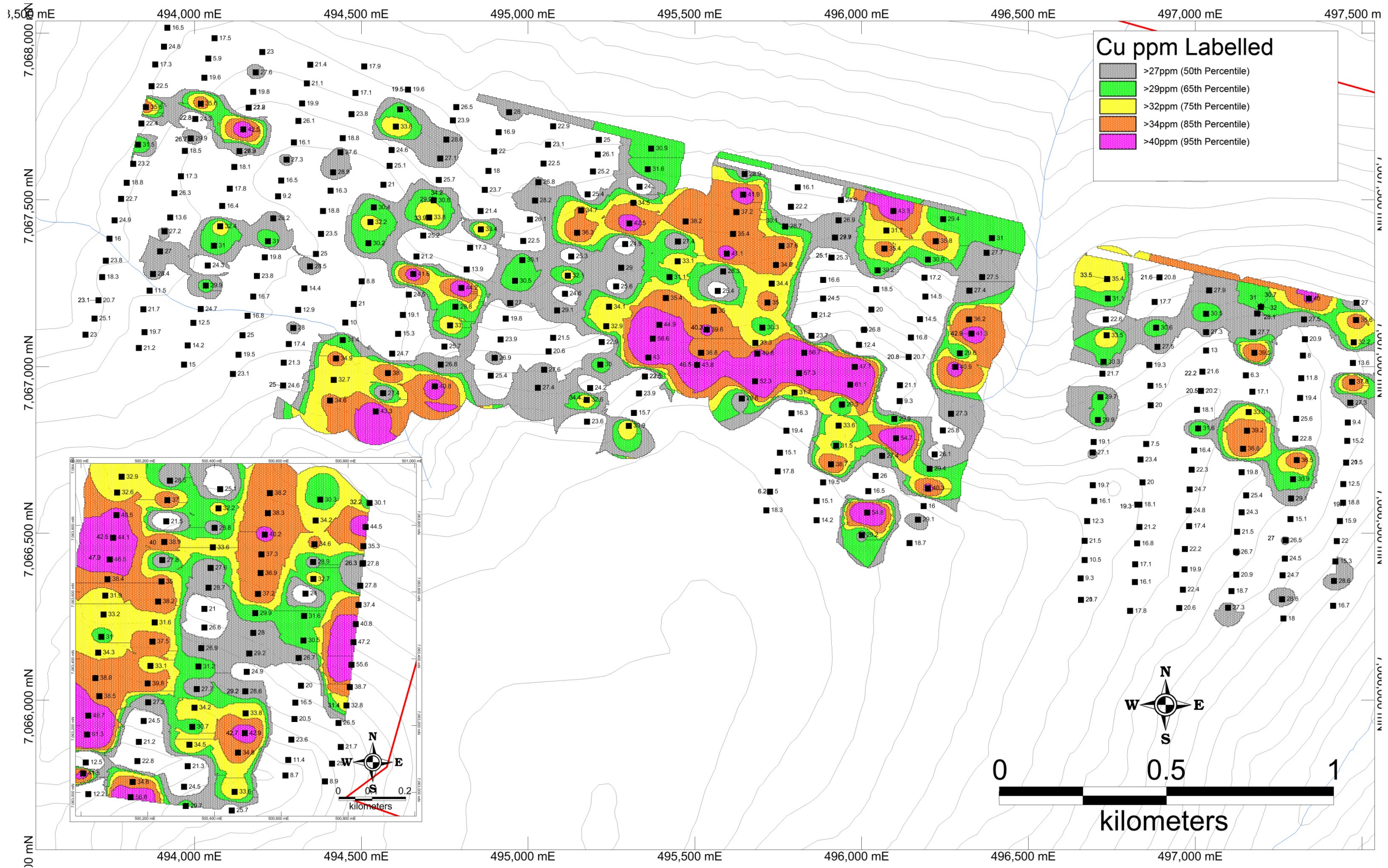




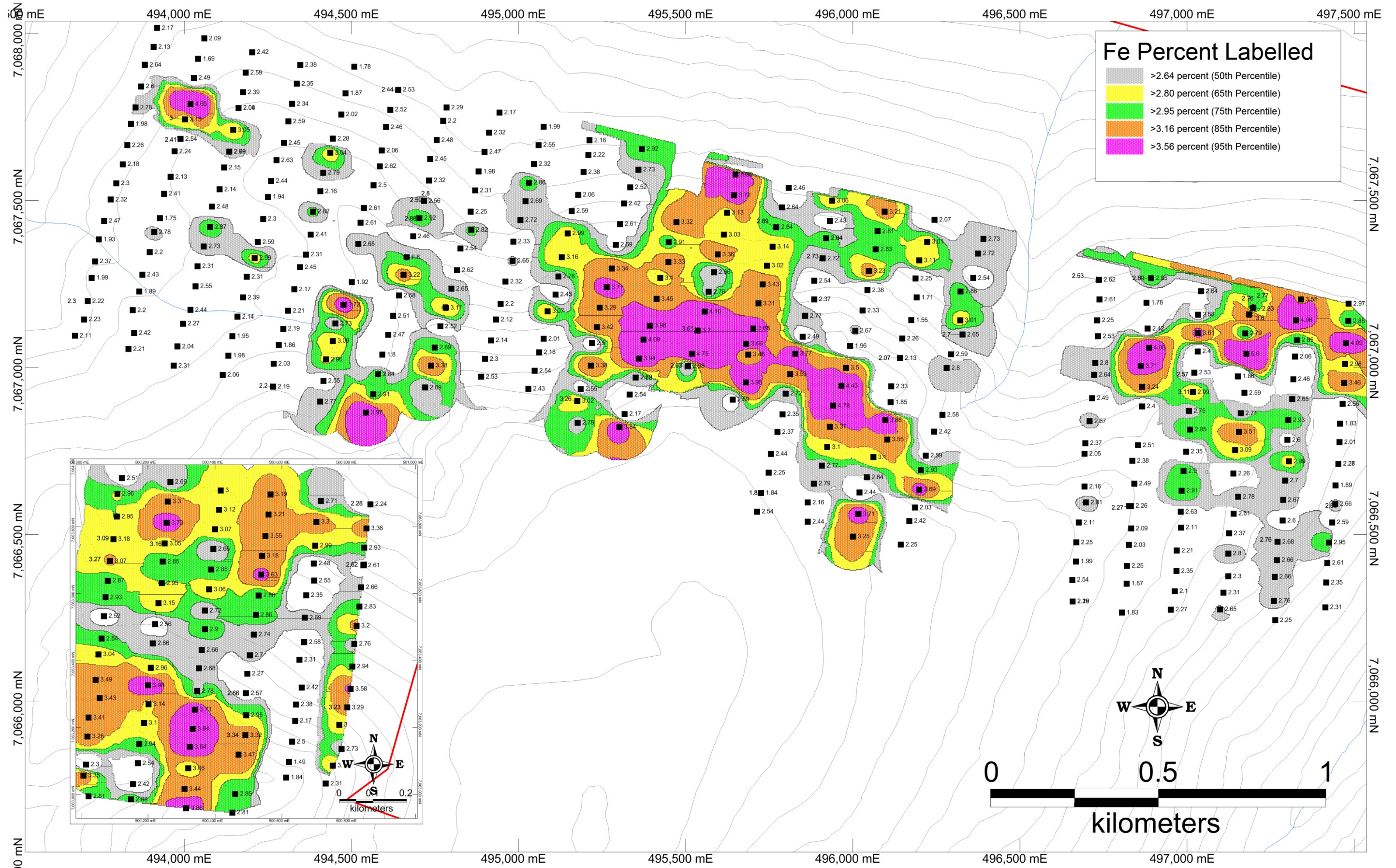


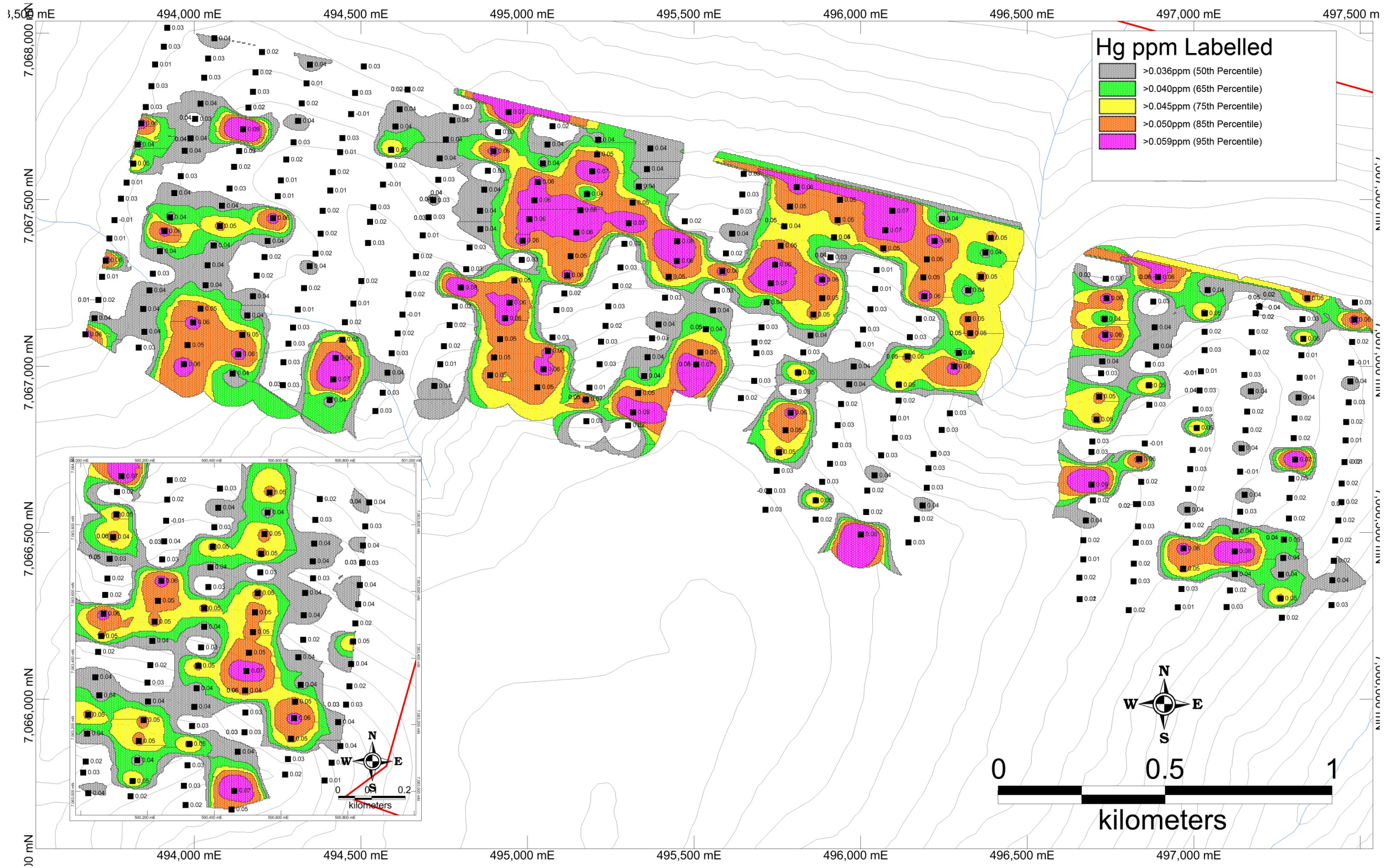


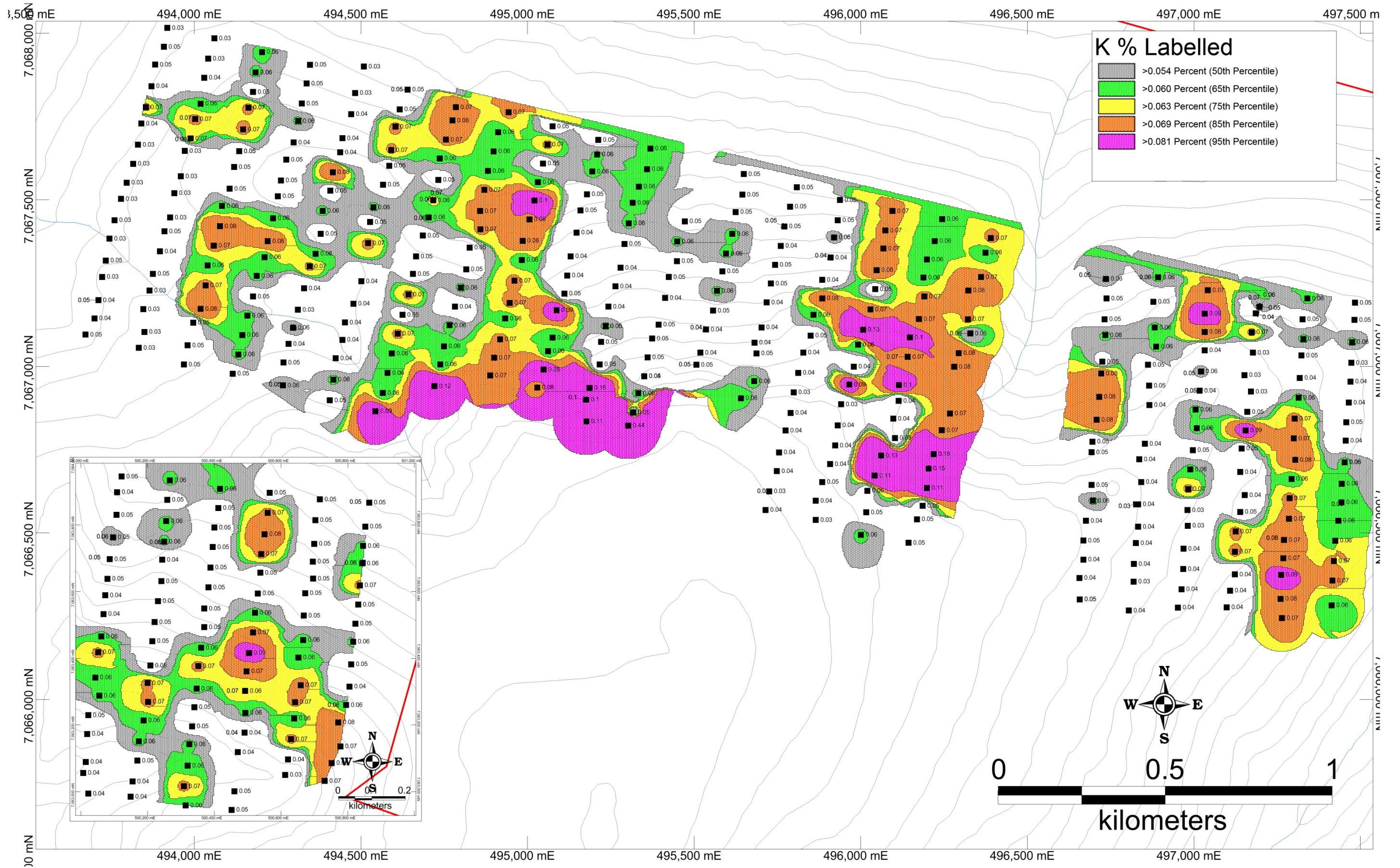


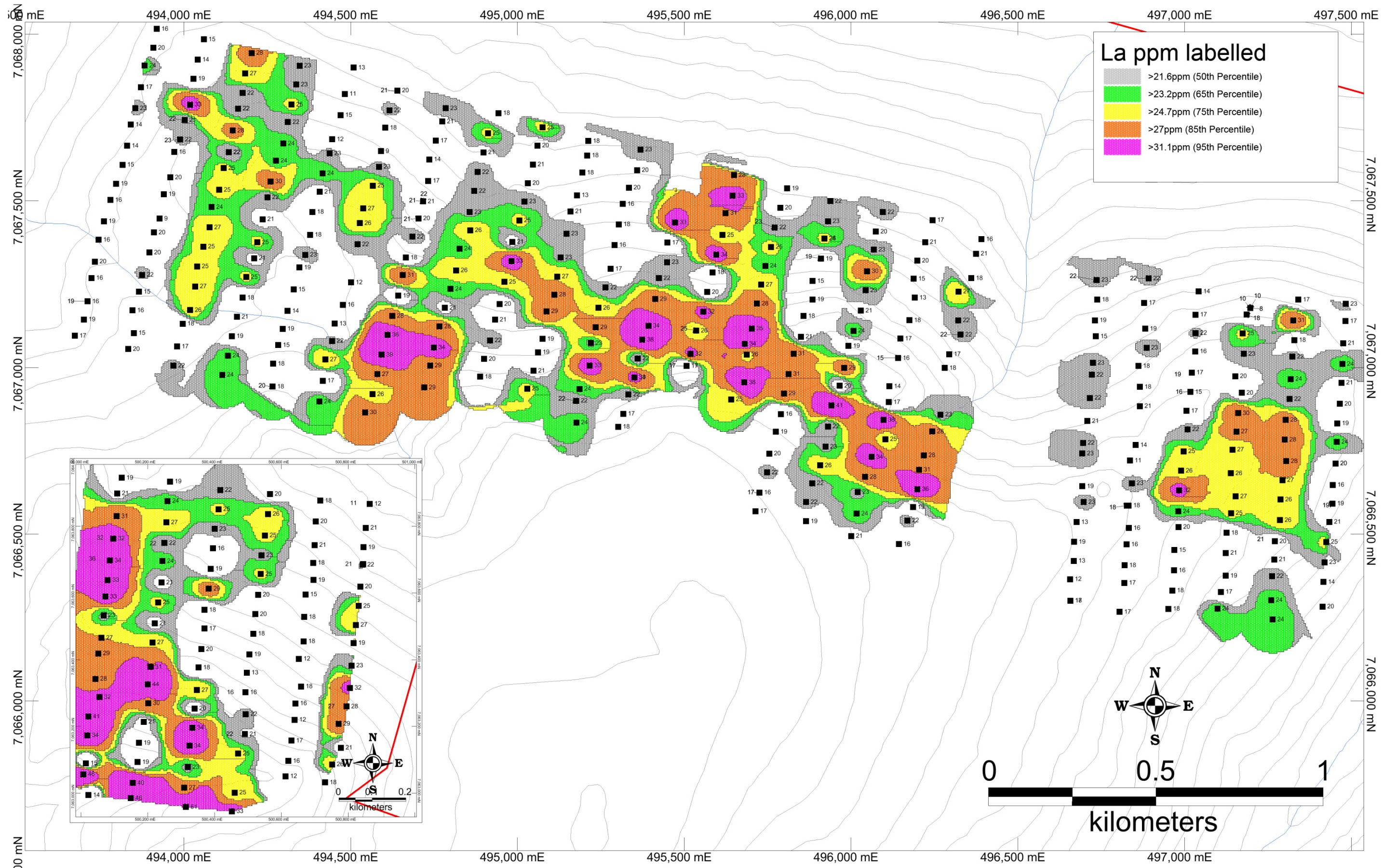


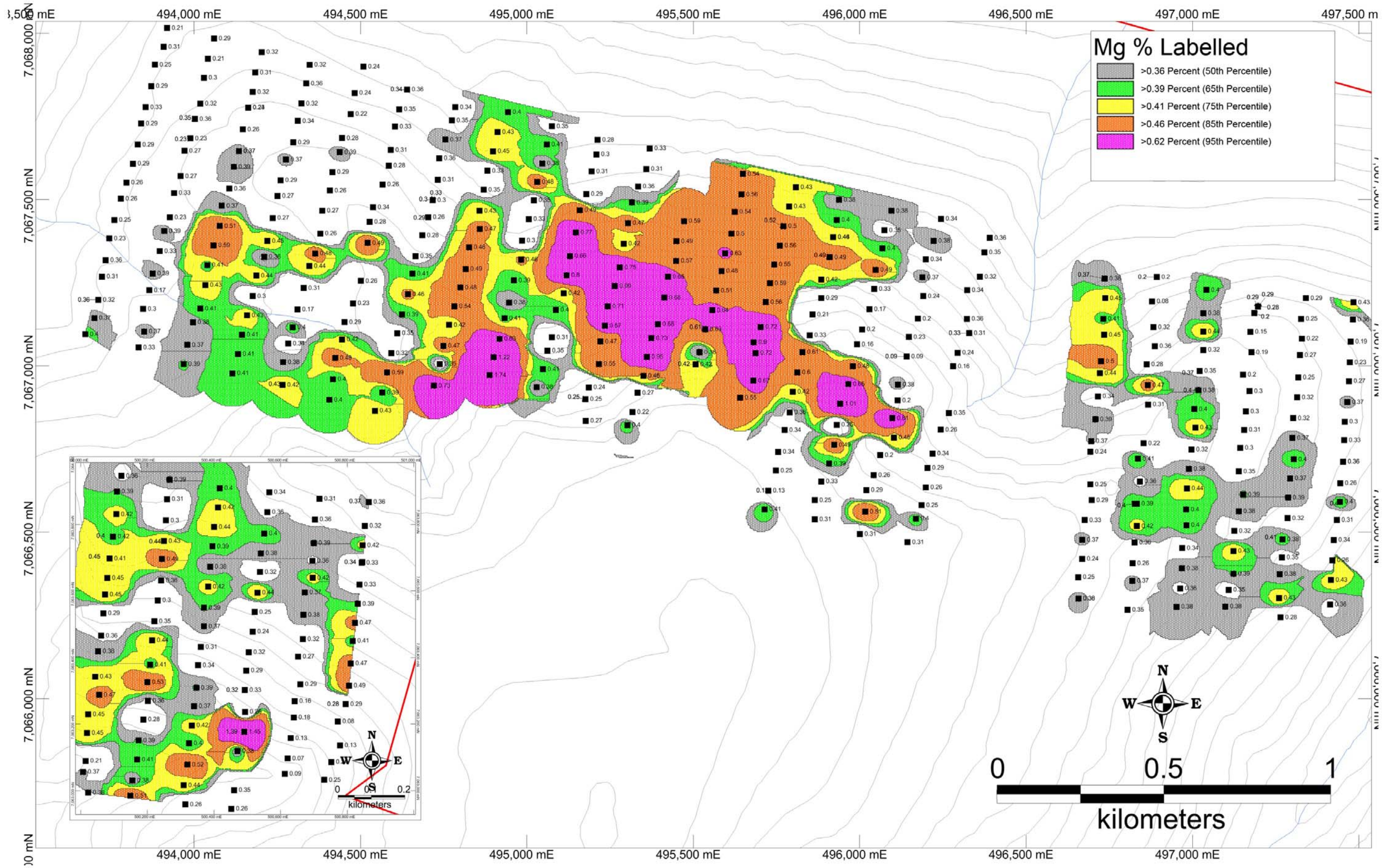


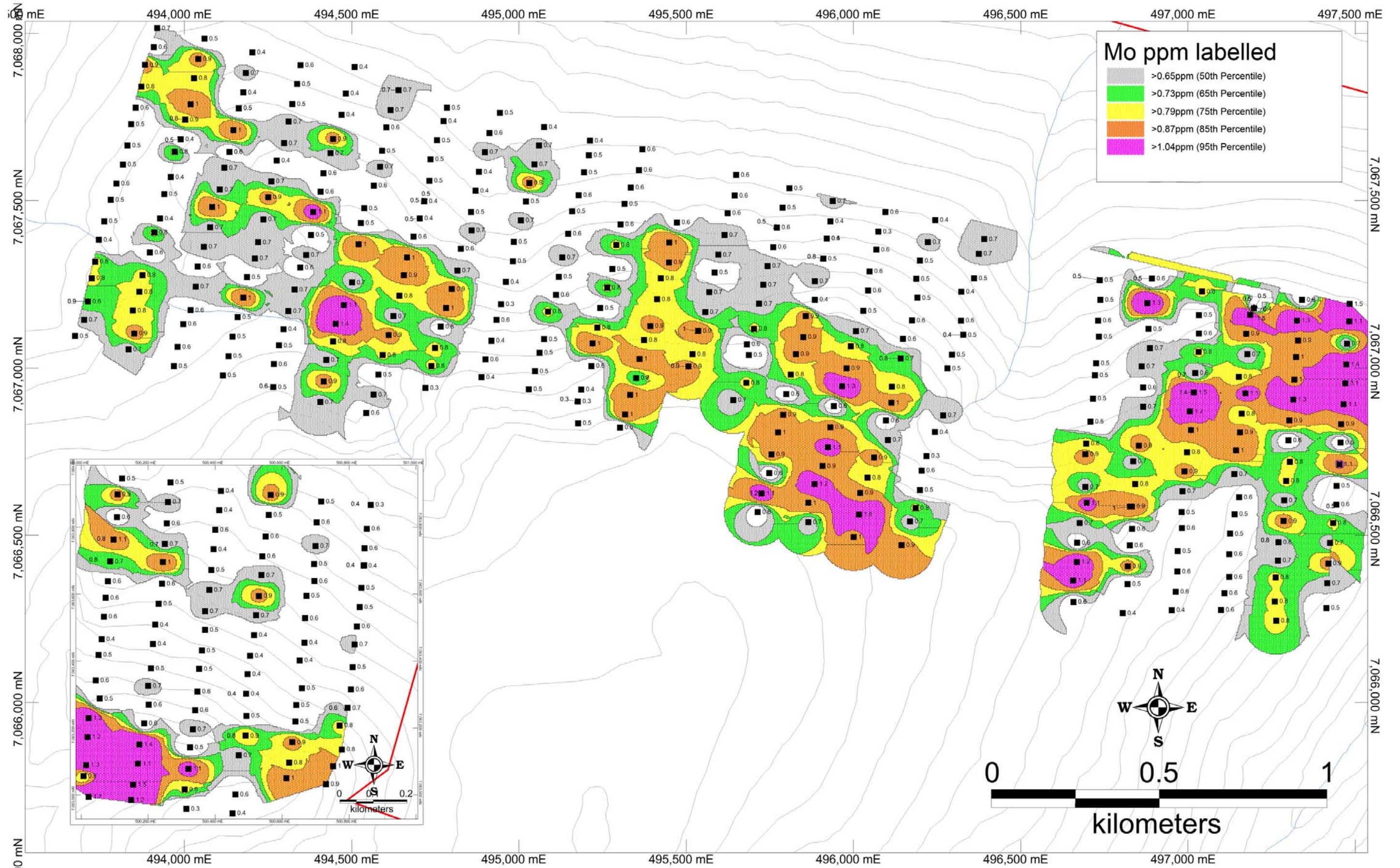


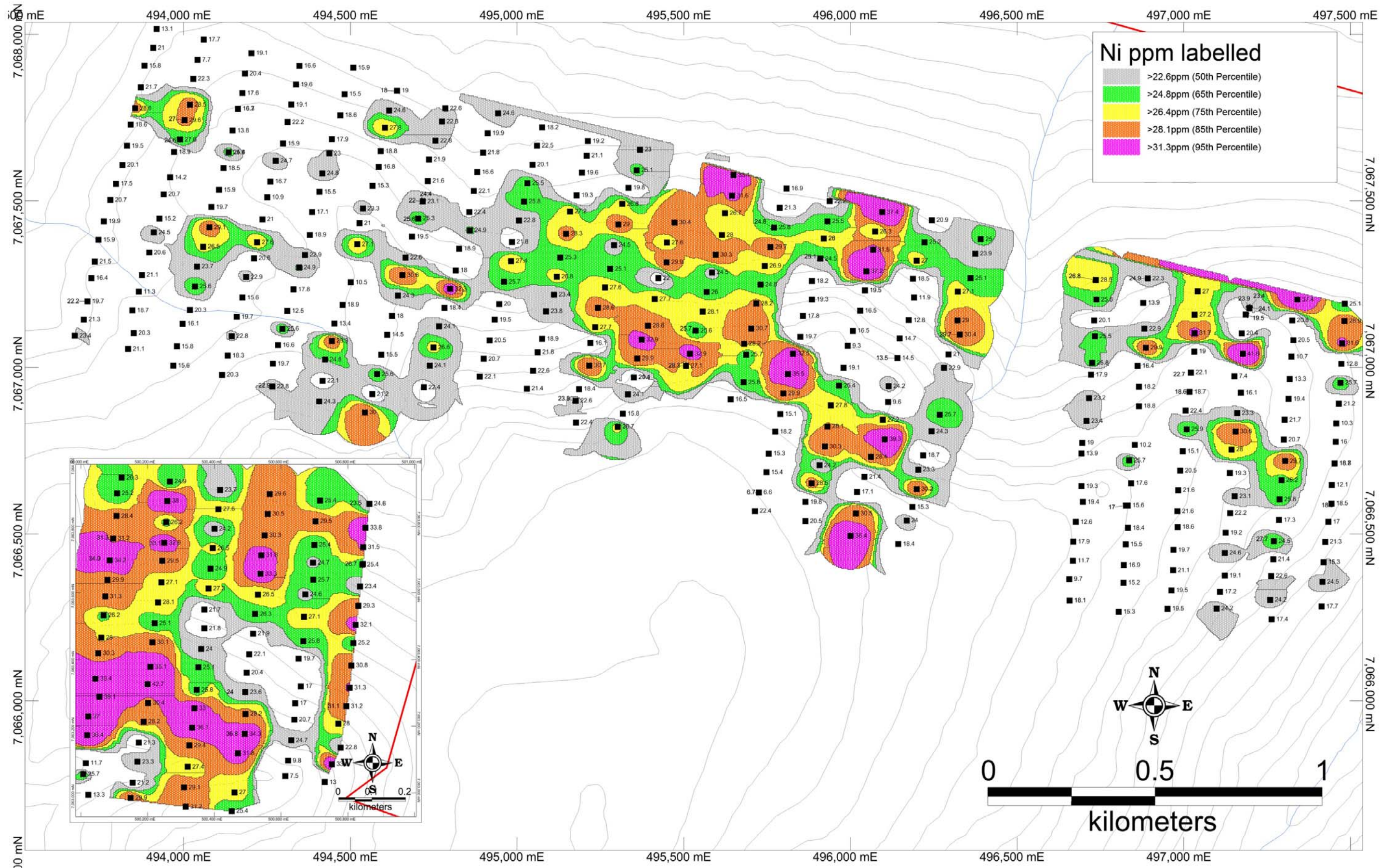


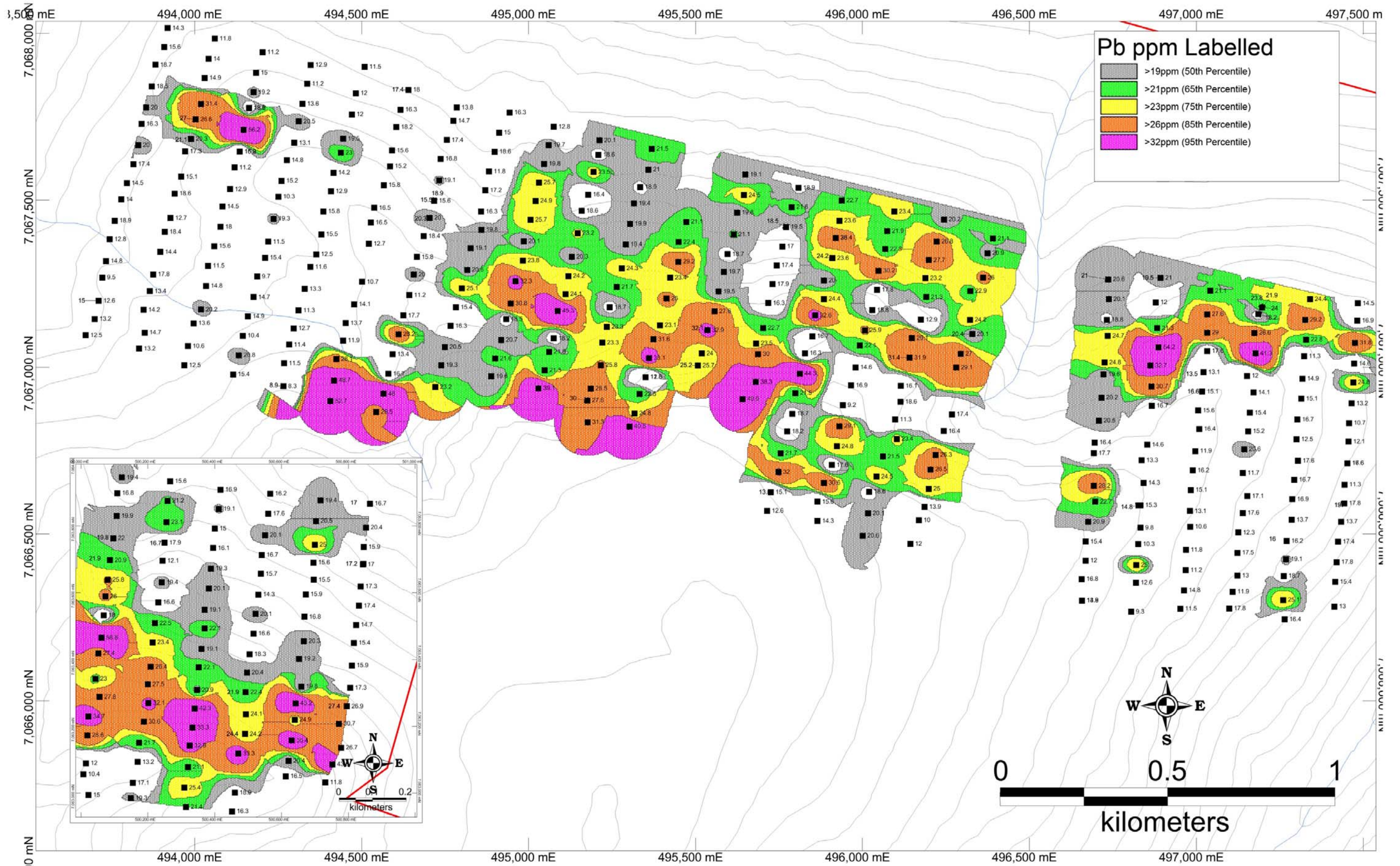




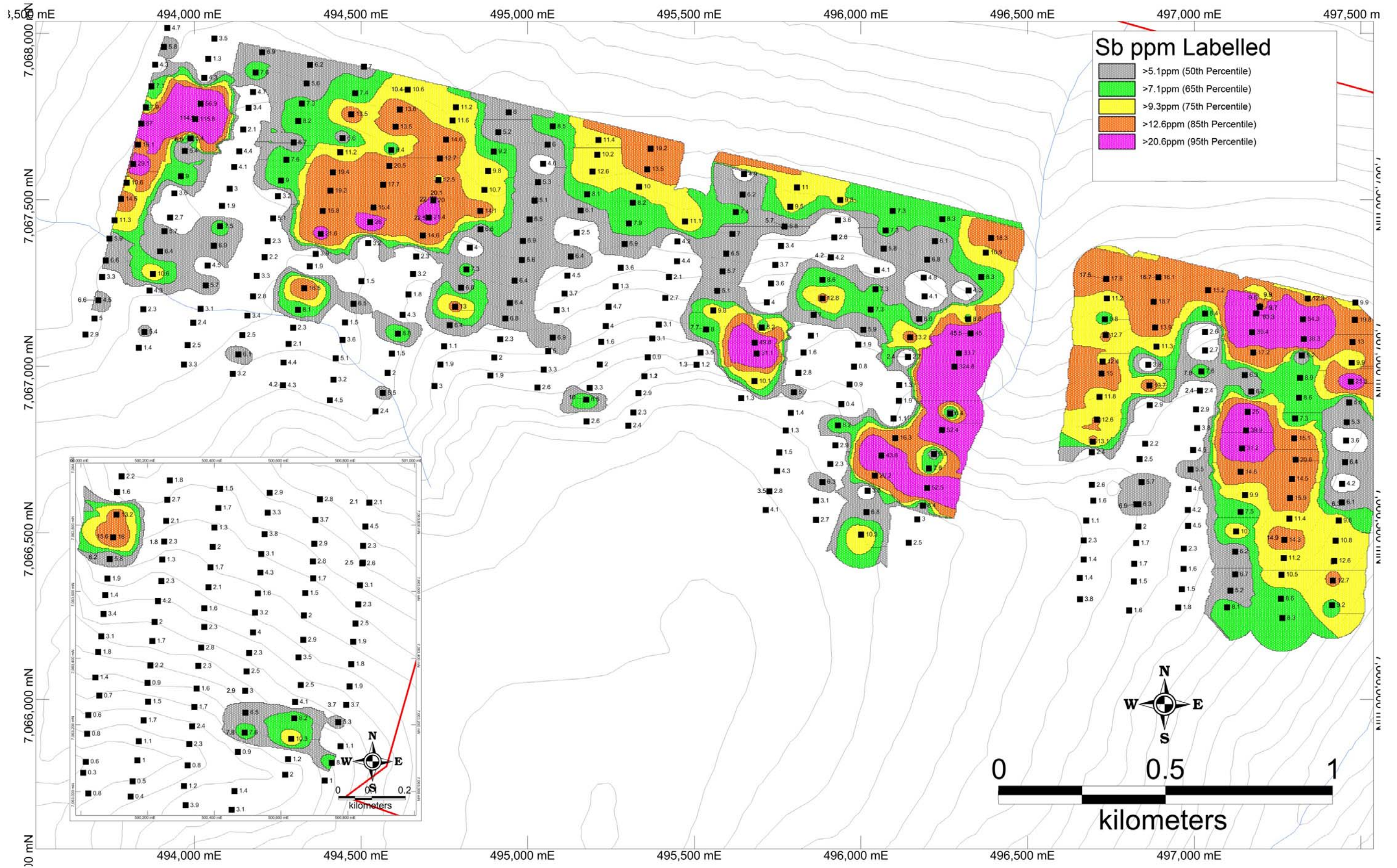


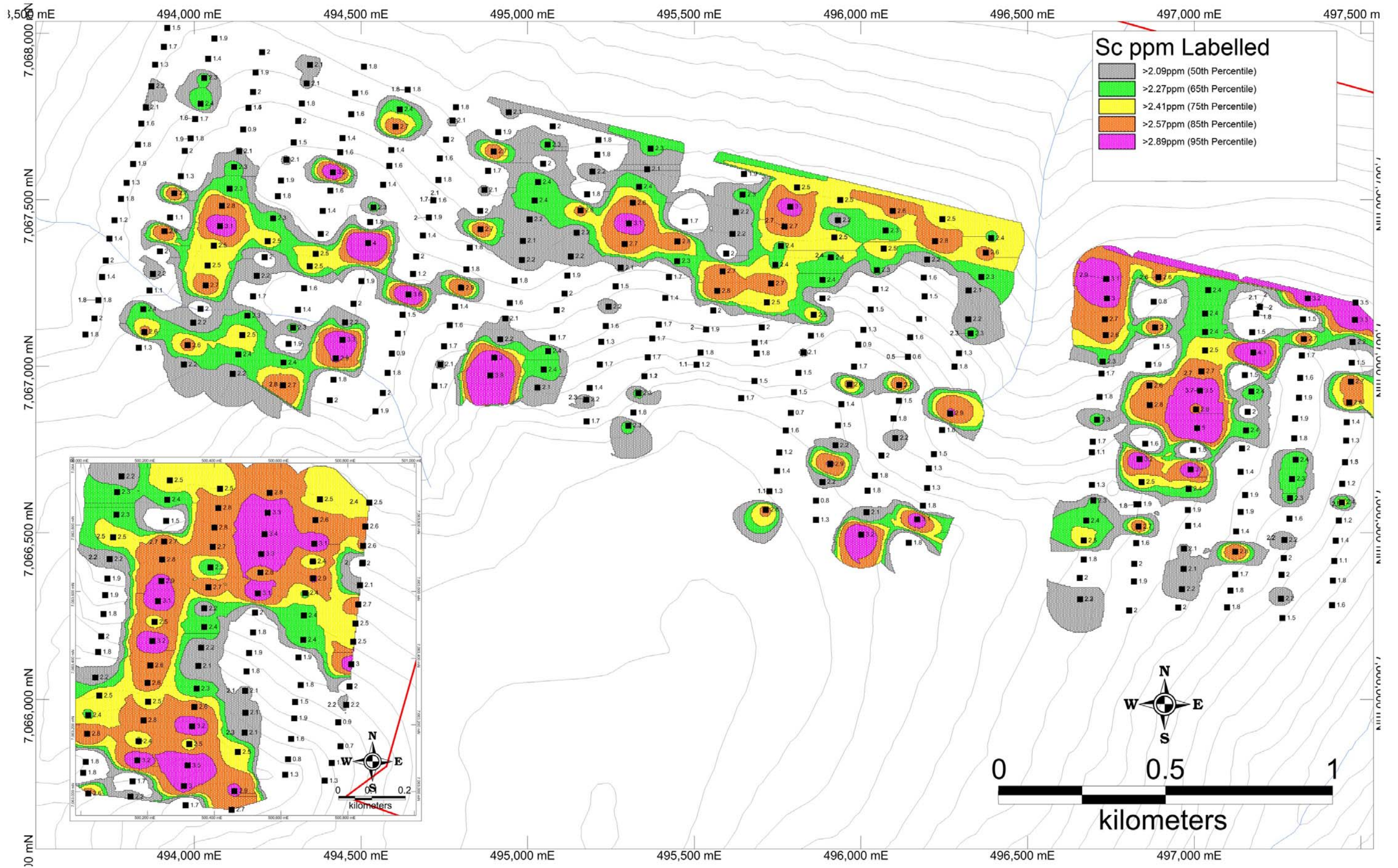


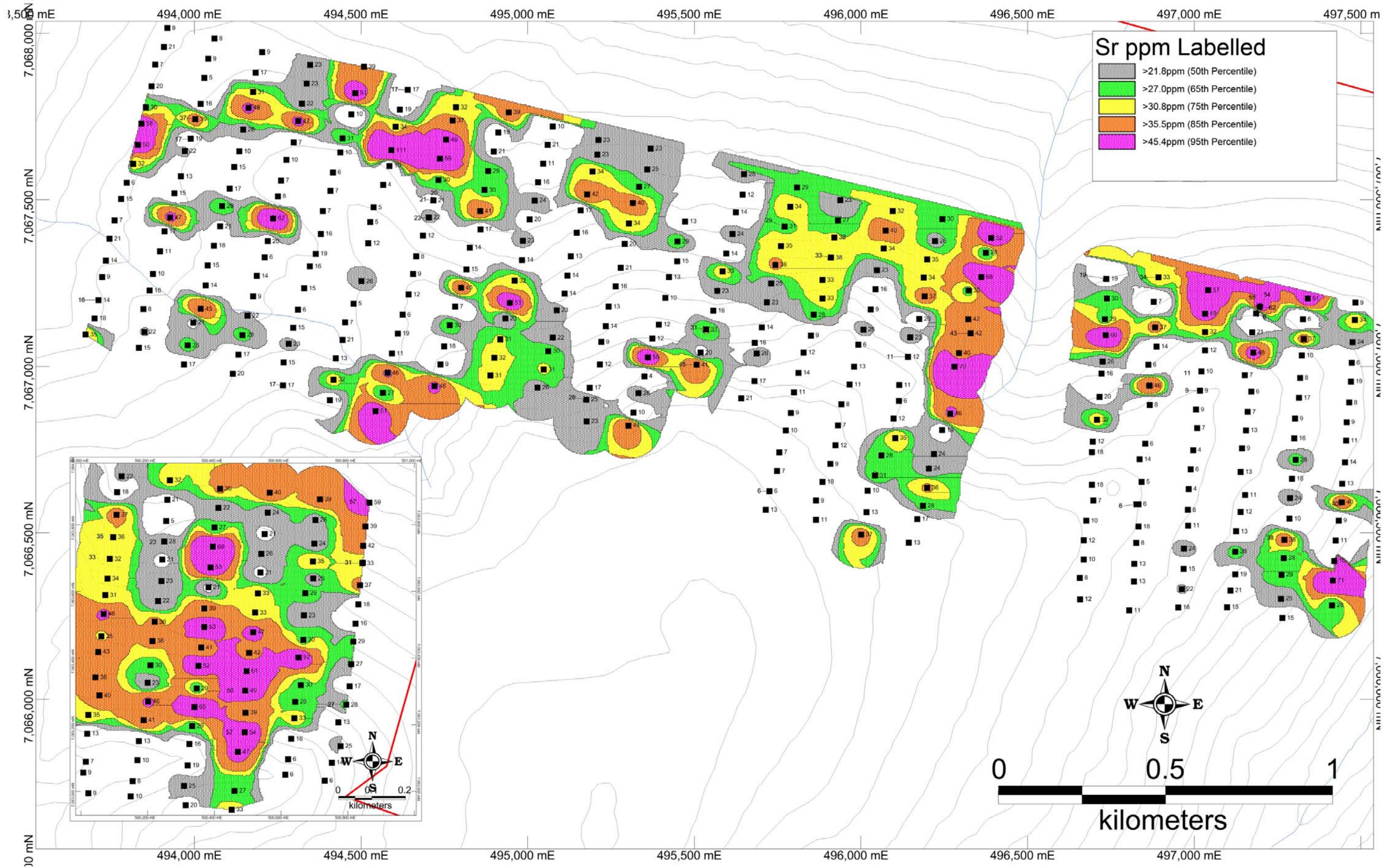


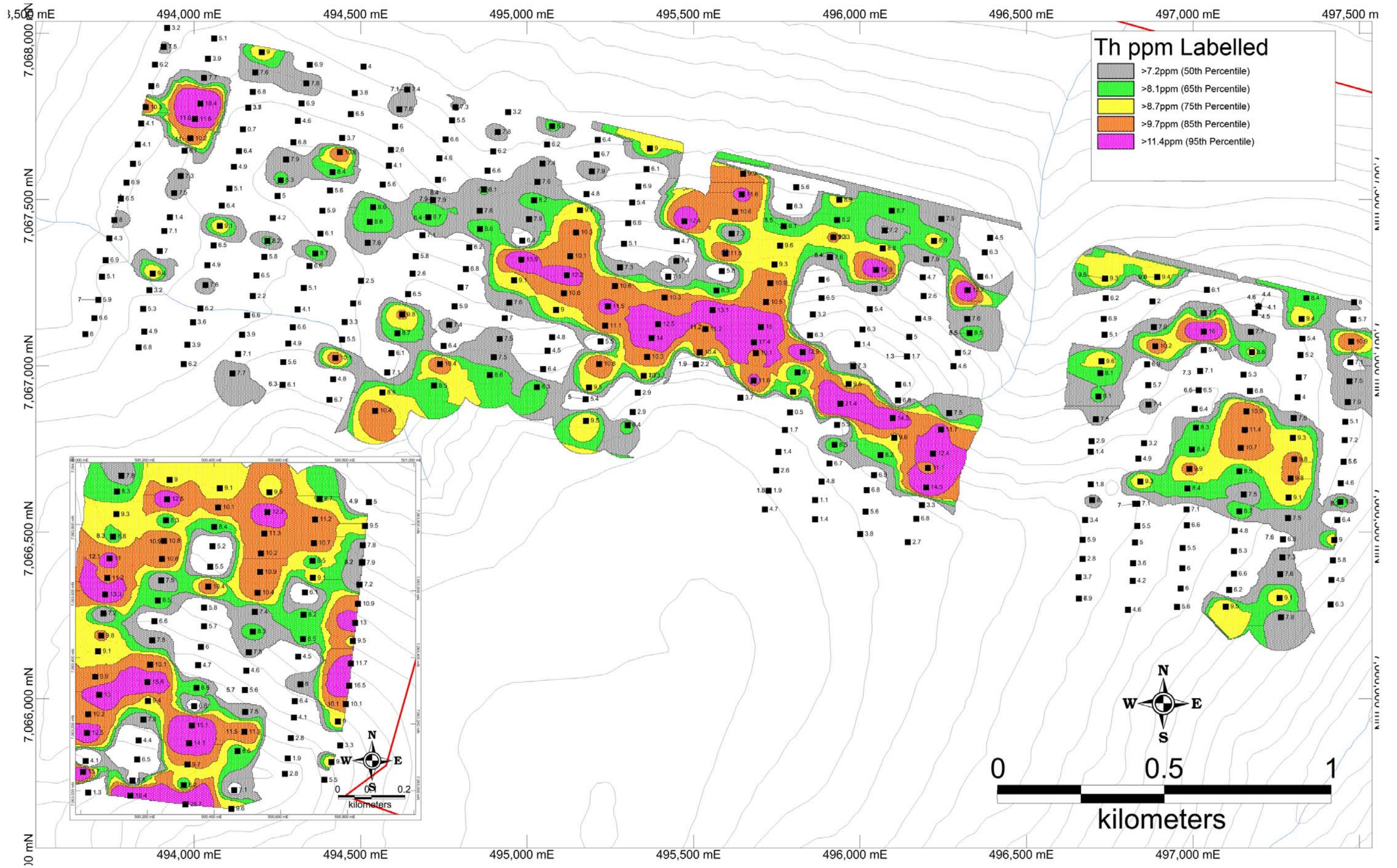


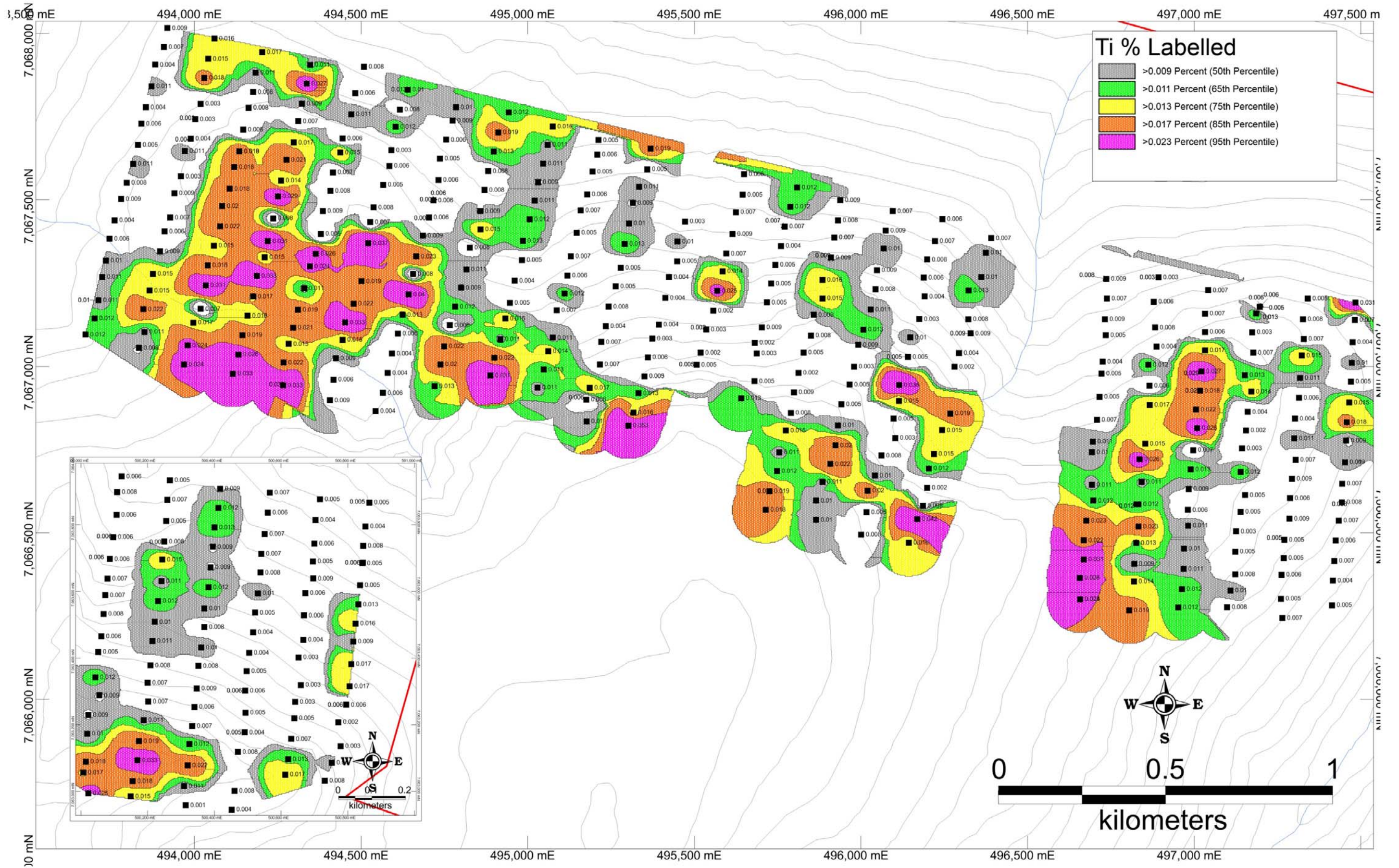


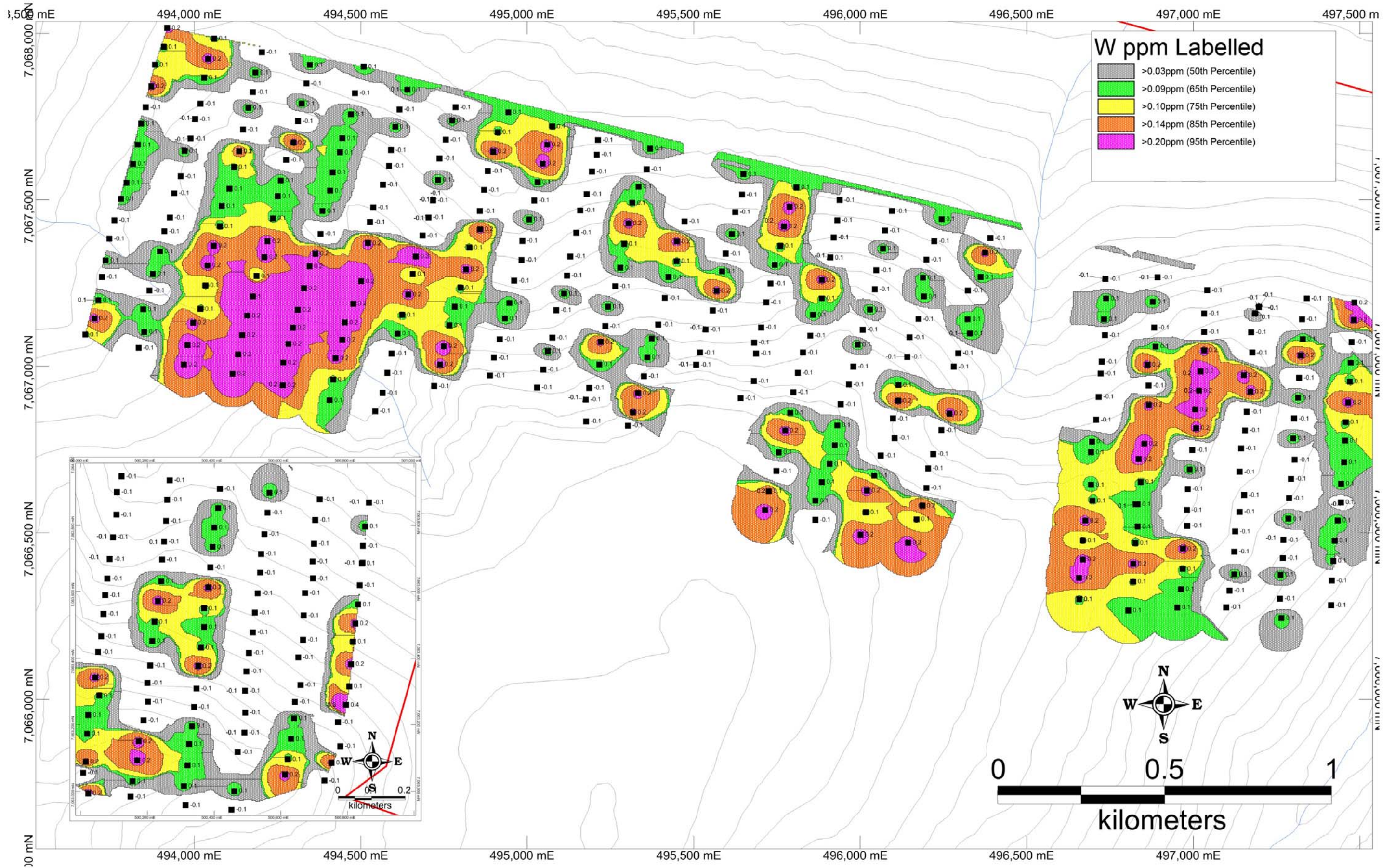


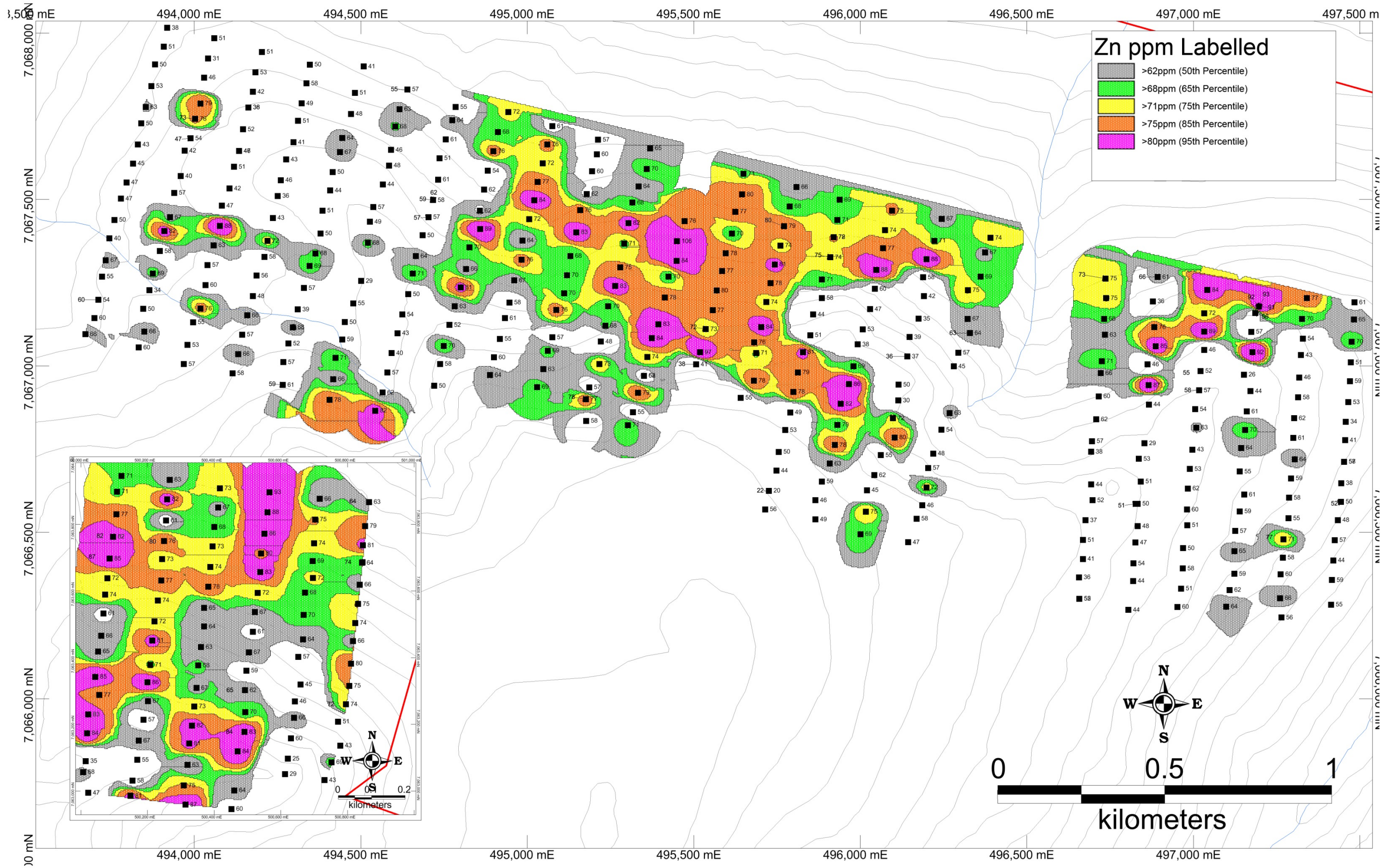












**Appendix D**  
Assay Certificates





www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: Mayo Lake Minerals Inc.
P.O. 158 3232 Carp Rd.
Carp K0A 1A0 CANADA

Submitted By: Tyrell Sutherland/Vern Rampton
Receiving Lab: Canada-Whitehorse
Received: August 22, 2013
Report Date: August 30, 2013
Page: 1 of 7

CERTIFICATE OF ANALYSIS

WHI13000321.1

CLIENT JOB INFORMATION

Project: MLM2013
Shipment ID: Dispatch #1
P.O. Number
Number of Samples: 159

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Mayo Lake Minerals Inc.
P.O. 158 3232 Carp Rd.
Carp K0A 1A0
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Procedure Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include procedures like 'Dry at 60C', 'SS80', and '1DX2'.

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. \*\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.  
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

Client: **Mayo Lake Minerals Inc.**  
 P.O. 158 3232 Carp Rd.  
 Carp K0A 1A0 CANADA

Project: MLM2013  
 Report Date: August 30, 2013

Page: 2 of 7

Part: 1 of 2

# CERTIFICATE OF ANALYSIS

WHI13000321.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
127843	Soil		0.4	17.9	11.5	41	<0.1	15.9	8.2	553	1.78	25.9	5.2	4.0	39	0.1	7.0	0.2	14	0.64	0.051	13
127844	Soil		0.4	17.1	12.0	51	<0.1	15.5	7.7	503	1.87	28.6	5.9	3.8	51	0.1	7.4	0.2	13	0.85	0.047	11
127845	Soil		0.4	23.8	12.0	48	<0.1	18.6	8.0	290	2.02	57.8	5.5	6.5	10	0.1	13.5	0.2	9	0.15	0.049	15
127846	Soil		0.9	18.8	19.5	64	0.1	17.9	11.0	707	2.28	24.2	3.3	3.7	31	0.2	6.6	0.3	16	0.46	0.048	12
127847	Soil		0.7	27.6	23.0	67	<0.1	23.0	11.1	448	3.04	36.2	6.2	10.8	10	<0.1	11.2	0.3	16	0.11	0.049	23
127848	Soil		0.6	28.9	14.2	50	<0.1	24.8	11.5	500	2.79	59.0	7.1	8.4	6	<0.1	19.4	0.2	13	0.06	0.024	24
127849	Soil		0.6	16.3	12.9	44	<0.1	15.5	6.6	245	2.16	36.4	4.2	5.6	7	<0.1	19.2	0.2	15	0.07	0.032	21
127850	Soil		1.1	18.8	15.8	51	<0.1	17.1	8.1	239	2.82	46.9	3.3	5.9	7	<0.1	15.8	0.3	26	0.08	0.028	18
127851	Soil		0.5	23.5	15.5	50	<0.1	18.9	8.1	327	2.41	62.0	5.9	6.1	16	<0.1	21.6	0.2	14	0.22	0.028	18
127852	Soil		0.7	25.0	12.5	68	<0.1	22.9	9.1	318	2.31	17.3	2.6	8.7	19	0.1	3.9	0.2	25	0.24	0.059	23
127853	Soil		0.6	28.5	11.6	69	<0.1	24.9	10.5	413	2.45	19.0	1.9	6.6	16	0.2	1.9	0.2	24	0.24	0.058	19
127854	Soil		0.7	14.4	13.3	57	<0.1	17.8	9.0	640	2.17	31.7	2.4	5.1	15	<0.1	16.5	0.2	17	0.18	0.059	15
127855	Soil		0.7	12.9	11.3	39	<0.1	12.5	5.6	219	2.21	34.4	1.2	4.1	6	<0.1	8.1	0.2	29	0.06	0.047	14
127856	Soil		0.4	28.0	12.7	68	<0.1	25.6	10.0	165	2.19	17.4	2.8	6.6	15	0.3	2.3	0.2	22	0.22	0.053	19
127857	Soil		0.5	17.4	11.4	52	<0.1	16.6	7.1	283	1.86	16.2	9.1	4.9	23	0.1	2.1	0.2	21	0.39	0.058	15
127858	Soil		0.6	21.3	11.5	57	<0.1	19.7	7.0	200	2.03	16.9	4.1	5.6	15	0.1	4.4	0.2	25	0.24	0.058	18
127859	Soil		0.5	24.6	8.3	61	<0.1	22.8	9.0	289	2.19	17.4	3.9	6.1	17	0.2	4.3	0.1	26	0.25	0.067	18
127860	Soil		0.7	34.6	52.7	78	0.1	24.3	11.6	408	2.77	68.0	4.0	6.7	19	0.1	4.5	0.3	24	0.35	0.052	24
127861	Soil		0.9	32.7	48.7	66	0.2	22.1	10.4	314	2.55	15.0	2.3	4.8	32	0.1	3.2	0.3	19	0.67	0.062	17
127862	Soil		0.7	34.9	26.1	71	0.1	24.8	11.7	283	2.96	19.3	3.5	10.1	13	0.1	5.1	0.3	26	0.19	0.056	27
127863	Soil		0.8	31.4	11.9	59	<0.1	29.3	11.0	498	3.09	20.6	3.0	5.5	21	<0.1	3.6	0.2	30	0.28	0.056	22
127864	Soil		1.4	10.0	13.7	50	<0.1	13.4	5.7	176	2.73	13.5	<0.5	3.3	7	0.1	1.5	0.3	66	0.06	0.021	13
127865	Soil		1.1	21.0	14.1	55	<0.1	18.9	7.6	178	3.72	33.8	1.2	6.0	5	0.1	6.5	0.3	42	0.04	0.032	16
127866	Soil		0.7	8.8	10.7	29	<0.1	10.5	4.0	108	1.92	14.1	2.5	2.5	26	<0.1	1.5	0.2	41	0.42	0.027	12
127867	Soil		1.0	30.2	12.7	68	<0.1	27.1	12.1	407	2.68	20.5	3.2	7.6	12	<0.1	3.2	0.2	44	0.14	0.041	22
127868	Soil		0.5	32.2	16.5	49	<0.1	21.0	8.6	304	2.61	51.7	5.4	8.6	5	<0.1	26.0	0.2	14	0.04	0.023	26
127869	Soil		0.5	30.4	16.5	57	<0.1	23.3	11.1	418	2.61	45.5	5.3	8.6	5	<0.1	15.4	0.2	14	0.03	0.026	27
127870	Soil		0.6	21.0	15.8	44	<0.1	15.3	8.2	314	2.50	49.6	3.9	5.6	4	<0.1	17.7	0.2	18	0.03	0.032	25
127871	Soil		0.7	25.1	15.2	48	<0.1	16.8	7.5	290	2.62	52.0	3.7	4.1	10	<0.1	20.5	0.2	20	0.17	0.037	23
127872	Soil		0.5	24.6	15.6	46	0.1	18.8	10.9	1038	2.06	26.6	3.1	2.6	111	0.1	8.4	0.2	13	1.98	0.052	9

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 PHONE (604) 253-3158

Client: **Mayo Lake Minerals Inc.**  
 P.O. 158 3232 Carp Rd.  
 Carp K0A 1A0 CANADA

Project: MLM2013  
 Report Date: August 30, 2013

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Part: 2 of 2

# CERTIFICATE OF ANALYSIS

WHI13000321.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
127843	Soil	10	0.24	125	0.008	2	0.63	0.007	0.03	0.1	0.03	1.8	<0.1	<0.05	2	<0.5	<0.2
127844	Soil	10	0.24	97	0.006	3	0.70	0.007	0.03	<0.1	0.03	1.6	<0.1	<0.05	2	<0.5	<0.2
127845	Soil	9	0.22	52	0.011	2	0.52	0.005	0.04	0.1	<0.01	1.6	<0.1	<0.05	1	<0.5	<0.2
127846	Soil	14	0.28	128	0.006	2	0.83	0.006	0.04	0.1	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
127847	Soil	15	0.39	74	0.015	1	1.04	0.005	0.04	0.1	0.01	1.6	<0.1	<0.05	3	<0.5	<0.2
127848	Soil	16	0.29	173	0.007	2	1.13	0.008	0.08	0.1	0.02	3.2	<0.1	<0.05	2	0.5	<0.2
127849	Soil	12	0.26	70	0.008	1	0.93	0.004	0.05	0.1	0.01	1.6	<0.1	<0.05	2	<0.5	<0.2
127850	Soil	16	0.27	91	0.009	2	1.02	0.005	0.06	0.1	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
127851	Soil	12	0.26	136	0.005	2	0.86	0.005	0.05	<0.1	0.02	2.0	<0.1	<0.05	2	<0.5	<0.2
127852	Soil	18	0.48	144	0.026	1	1.00	0.007	0.06	0.2	0.02	2.5	<0.1	<0.05	3	<0.5	<0.2
127853	Soil	18	0.44	159	0.024	3	0.97	0.007	0.07	0.2	0.04	2.5	<0.1	<0.05	3	<0.5	<0.2
127854	Soil	13	0.31	142	0.011	<1	0.79	0.004	0.04	0.2	0.02	1.6	<0.1	<0.05	2	<0.5	<0.2
127855	Soil	12	0.17	31	0.019	1	0.70	0.003	0.03	0.2	0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
127856	Soil	18	0.40	175	0.021	1	0.95	0.006	0.06	0.2	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
127857	Soil	15	0.34	138	0.015	1	0.87	0.007	0.04	0.2	0.03	1.9	<0.1	<0.05	2	<0.5	<0.2
127858	Soil	18	0.38	160	0.022	1	0.98	0.006	0.05	0.2	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
127859	Soil	19	0.42	136	0.033	2	0.90	0.008	0.06	0.2	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
127860	Soil	17	0.40	184	0.009	2	1.06	0.006	0.05	0.1	0.04	2.0	<0.1	<0.05	3	<0.5	<0.2
127861	Soil	16	0.40	278	0.006	2	1.04	0.006	0.06	0.1	0.07	1.8	<0.1	<0.05	3	<0.5	<0.2
127862	Soil	20	0.48	232	0.009	2	1.33	0.004	0.04	0.2	0.06	2.9	<0.1	<0.05	4	<0.5	<0.2
127863	Soil	23	0.42	256	0.015	1	1.33	0.006	0.04	0.2	0.05	3.3	<0.1	<0.05	3	<0.5	<0.2
127864	Soil	23	0.29	108	0.033	<1	1.37	0.004	0.04	0.2	0.02	2.2	<0.1	<0.05	6	<0.5	<0.2
127865	Soil	20	0.23	54	0.022	1	1.15	0.003	0.04	0.2	0.01	2.0	<0.1	<0.05	4	<0.5	<0.2
127866	Soil	18	0.26	92	0.019	1	1.19	0.008	0.04	0.2	0.02	1.9	<0.1	<0.05	4	<0.5	<0.2
127867	Soil	28	0.49	225	0.037	2	1.69	0.007	0.07	0.2	0.03	4.0	0.1	<0.05	4	<0.5	<0.2
127868	Soil	13	0.28	80	0.007	1	0.93	0.005	0.05	<0.1	0.02	1.8	<0.1	<0.05	2	<0.5	<0.2
127869	Soil	14	0.34	89	0.008	2	1.01	0.006	0.06	<0.1	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
127870	Soil	13	0.26	55	0.005	2	0.99	0.004	0.05	<0.1	<0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
127871	Soil	14	0.28	113	0.006	4	1.00	0.005	0.05	<0.1	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
127872	Soil	12	0.31	140	0.003	3	0.89	0.006	0.07	<0.1	0.05	1.4	<0.1	0.09	2	0.8	<0.2

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Project: MLM2013  
 Report Date: August 30, 2013

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Part: 1 of 2

# CERTIFICATE OF ANALYSIS

WHI13000321.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
127873	Soil	0.6	33.8	18.2	68	0.2	27.8	11.7	649	2.46	34.9	6.0	6.0	34	0.2	13.5	0.3	19	0.57	0.057	18
127874	Soil	0.7	30.0	16.3	63	0.1	24.6	11.0	755	2.52	31.7	6.6	7.6	19	0.1	13.6	0.3	19	0.31	0.048	22
127875	Soil	0.7	19.6	18.0	57	<0.1	19.0	14.1	822	2.53	39.0	4.9	7.4	17	<0.1	10.6	0.2	19	0.24	0.051	20
127876	Soil	0.6	30.9	21.5	65	0.1	23.0	11.7	586	2.92	52.5	4.9	9.0	23	<0.1	19.2	0.3	16	0.42	0.053	23
127877	Soil	0.6	31.6	21.0	70	0.1	25.1	11.2	1667	2.73	49.5	7.1	6.1	25	0.1	13.5	0.3	15	0.45	0.056	20
127878	Soil	0.6	24.0	18.9	64	0.1	19.8	9.7	449	2.52	33.4	3.4	6.9	27	<0.1	10.0	0.3	18	0.48	0.051	20
127879	Soil	0.5	34.5	19.4	68	0.2	26.8	10.8	599	2.42	24.3	8.8	5.4	40	0.2	8.2	0.3	19	0.70	0.063	16
127880	Soil	0.6	42.5	19.9	82	0.2	29.0	11.9	426	2.61	20.2	7.4	6.6	34	0.2	7.9	0.3	22	0.61	0.060	18
127881	Soil	0.8	24.9	19.4	71	0.1	24.5	9.7	449	2.59	20.6	9.4	5.1	20	0.1	6.9	0.3	23	0.30	0.049	16
127882	Soil	0.5	29.0	24.3	75	0.1	25.1	12.7	406	3.34	12.1	2.7	7.3	21	<0.1	3.6	0.3	17	0.24	0.055	17
127883	Soil	0.8	25.6	21.7	83	0.1	27.6	17.0	455	3.71	9.5	5.1	10.6	16	<0.1	1.3	0.3	16	0.19	0.048	22
127884	Soil	0.5	34.1	18.7	70	<0.1	28.6	11.5	352	3.29	17.2	2.5	11.5	13	<0.1	4.7	0.3	19	0.13	0.044	26
127885	Soil	0.8	32.9	23.3	68	<0.1	27.7	12.0	348	3.42	22.2	3.7	11.1	14	<0.1	4.0	0.3	13	0.14	0.041	29
127886	Soil	1.0	22.9	23.3	48	<0.1	16.1	8.1	309	2.51	21.6	3.1	5.5	9	<0.1	1.6	0.3	25	0.08	0.042	23
127887	Soil	0.6	30.0	25.8	73	<0.1	30.7	13.3	445	3.38	51.7	3.4	10.8	12	<0.1	2.0	0.4	18	0.15	0.047	33
127888	Soil	0.4	24.2	28.5	57	<0.1	18.4	10.9	410	2.55	86.1	11.7	9.5	17	<0.1	3.3	0.2	8	0.10	0.029	24
127889	Soil	0.3	32.6	27.6	77	0.1	22.6	14.4	887	3.02	22.1	7.6	5.4	25	0.3	8.5	0.2	12	0.75	0.056	22
127890	Soil	0.3	34.4	30.0	78	<0.1	23.8	14.0	875	3.26	23.2	1.8	5.0	28	0.4	10.0	0.3	12	0.83	0.068	22
127891	Soil	0.5	23.6	31.3	58	<0.1	22.4	13.2	634	2.78	39.3	2.7	9.5	23	0.2	2.6	0.3	11	0.27	0.037	24
127892	Soil	0.5	33.9	40.5	71	<0.1	26.7	18.5	630	3.84	56.9	5.0	8.4	44	<0.1	2.4	0.3	14	0.10	0.049	18
127893	Soil	1.0	15.7	24.8	55	<0.1	15.8	7.2	484	2.17	25.8	1.1	2.9	10	0.2	2.3	0.2	32	0.13	0.056	17
127894	Soil	1.0	23.9	22.5	79	0.1	24.1	10.1	889	2.54	44.0	4.8	2.9	26	0.2	2.9	0.2	28	0.39	0.073	22
127895	Soil	0.7	23.5	12.8	58	0.2	21.1	6.5	163	2.72	23.7	1.6	7.7	4	<0.1	1.1	0.2	17	0.03	0.056	30
127896	Soil	1.0	43.0	33.1	74	0.1	29.9	21.4	836	3.94	7.1	2.0	10.3	56	<0.1	0.9	0.3	17	0.58	0.082	22
127897	Soil	0.8	56.6	31.6	84	<0.1	32.9	16.6	497	4.09	114.7	26.0	14.0	12	<0.1	3.1	0.4	14	0.08	0.045	38
127898	Soil	0.9	44.9	23.1	83	0.1	28.6	13.8	440	3.98	76.8	13.3	12.5	12	<0.1	3.1	0.4	16	0.11	0.046	34
127899	Soil	0.8	35.4	26.0	78	<0.1	27.7	15.0	468	3.45	43.2	9.5	10.3	10	<0.1	2.7	0.3	19	0.09	0.045	29
127900	Soil	0.8	31.1	23.4	70	0.2	22.0	11.6	448	3.10	37.8	12.9	7.1	13	<0.1	2.1	0.4	18	0.12	0.057	22
127901	Soil	0.9	33.1	29.2	84	0.2	29.9	21.0	952	3.33	26.5	9.5	7.4	15	0.2	4.4	0.3	25	0.16	0.061	23
127902	Soil	1.0	27.4	22.4	106	0.3	27.6	14.7	1373	2.91	21.3	5.2	4.7	29	0.3	4.2	0.3	30	0.38	0.085	17

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Project: MLM2013  
 Report Date: August 30, 2013

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Part: 2 of 2

# CERTIFICATE OF ANALYSIS

WHI13000321.1

Method	Analyte	1DX15															
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
127873	Soil	15	0.33	154	0.012	2	0.93	0.006	0.07	0.1	0.04	2.7	<0.1	<0.05	3	0.6	<0.2
127874	Soil	16	0.35	182	0.008	1	1.03	0.004	0.05	<0.1	0.04	2.4	<0.1	<0.05	3	<0.5	<0.2
127875	Soil	15	0.36	109	0.010	2	0.94	0.006	0.05	0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
127876	Soil	15	0.33	110	0.019	2	0.91	0.006	0.06	0.1	0.04	2.3	<0.1	<0.05	3	<0.5	<0.2
127877	Soil	14	0.31	124	0.005	1	0.92	0.006	0.06	<0.1	0.04	2.1	<0.1	<0.05	3	<0.5	<0.2
127878	Soil	16	0.36	134	0.011	2	0.99	0.007	0.06	0.1	0.04	2.4	<0.1	<0.05	3	<0.5	<0.2
127879	Soil	16	0.39	165	0.009	3	0.97	0.008	0.06	0.1	0.05	2.6	<0.1	<0.05	3	0.6	<0.2
127880	Soil	19	0.47	203	0.010	3	1.12	0.009	0.06	0.2	0.07	3.1	0.1	<0.05	3	0.7	<0.2
127881	Soil	18	0.42	173	0.013	1	1.02	0.008	0.05	0.1	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
127882	Soil	20	0.75	144	0.005	3	1.59	0.009	0.04	0.1	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
127883	Soil	22	0.99	102	0.005	1	1.80	0.005	0.04	<0.1	0.02	1.5	<0.1	<0.05	5	<0.5	<0.2
127884	Soil	18	0.71	112	0.008	2	1.33	0.005	0.04	0.1	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
127885	Soil	16	0.67	112	0.004	<1	1.27	0.005	0.06	<0.1	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
127886	Soil	16	0.47	80	0.007	2	1.11	0.006	0.05	0.2	0.03	1.3	<0.1	<0.05	4	<0.5	0.2
127887	Soil	19	0.55	109	0.007	<1	1.27	0.006	0.05	0.1	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
127888	Soil	8	0.24	92	0.017	2	0.72	0.003	0.16	<0.1	0.01	1.4	0.1	<0.05	2	0.6	<0.2
127889	Soil	8	0.25	147	0.006	3	0.71	0.005	0.10	<0.1	0.07	2.2	<0.1	<0.05	2	0.6	<0.2
127890	Soil	9	0.25	171	0.006	2	0.84	0.006	0.10	<0.1	0.05	2.3	<0.1	0.05	2	0.8	<0.2
127891	Soil	10	0.27	104	0.010	2	0.70	0.005	0.11	<0.1	0.03	1.7	<0.1	<0.05	2	<0.5	<0.2
127892	Soil	14	0.40	134	0.053	<1	1.11	0.004	0.44	<0.1	0.02	2.3	0.3	<0.05	4	<0.5	<0.2
127893	Soil	15	0.22	126	0.016	2	0.82	0.005	0.05	0.2	0.09	1.8	<0.1	<0.05	3	<0.5	<0.2
127894	Soil	16	0.27	312	0.013	2	1.02	0.006	0.06	0.2	0.05	2.3	<0.1	<0.05	3	<0.5	<0.2
127895	Soil	18	0.45	33	0.003	2	1.19	0.005	0.04	<0.1	0.04	1.1	<0.1	<0.05	4	<0.5	<0.2
127896	Soil	19	0.95	131	0.006	1	1.43	0.004	0.05	0.1	0.04	1.7	<0.1	0.06	4	<0.5	<0.2
127897	Soil	20	0.73	118	0.003	<1	1.44	0.003	0.05	0.1	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
127898	Soil	18	0.68	91	0.004	<1	1.40	0.003	0.05	<0.1	0.04	1.7	<0.1	<0.05	4	<0.5	<0.2
127899	Soil	18	0.68	116	0.004	<1	1.39	0.003	0.04	<0.1	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
127900	Soil	18	0.65	121	0.004	<1	1.41	0.004	0.05	0.1	0.05	1.7	<0.1	<0.05	5	0.7	<0.2
127901	Soil	21	0.57	212	0.005	<1	1.38	0.004	0.05	0.1	0.06	2.3	<0.1	<0.05	4	<0.5	<0.2
127902	Soil	23	0.49	202	0.010	<1	1.27	0.005	0.06	0.2	0.08	2.8	0.1	<0.05	4	<0.5	<0.2

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Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
127903	Soil	0.6	38.2	21.1	76	0.1	30.4	15.8	654	3.32	68.3	12.5	12.4	13	<0.1	11.1	0.3	16	0.17	0.037	33
127904	Soil	0.4	29.4	20.2	67	0.1	20.9	8.3	211	2.07	21.1	13.6	7.5	30	0.2	8.3	0.3	18	0.48	0.045	17
127905	Soil	0.7	35.8	26.8	71	0.2	25.2	13.7	514	3.01	24.3	6.3	8.9	26	0.2	6.1	0.3	19	0.41	0.047	21
127906	Soil	0.5	30.9	27.7	88	0.2	27.0	12.1	625	3.11	28.3	8.0	7.9	35	0.2	6.8	0.3	16	0.50	0.050	20
127907	Soil	0.5	17.2	23.2	58	0.2	18.5	13.1	883	2.25	12.2	1.9	4.7	34	0.1	4.8	0.3	22	0.34	0.050	15
127908	Soil	0.5	14.5	21.3	42	0.2	11.9	8.2	415	1.71	10.7	3.0	2.6	37	0.1	4.1	0.2	17	0.28	0.056	13
127909	Soil	0.6	14.5	12.9	35	<0.1	12.8	5.9	169	1.55	31.6	3.4	4.9	20	<0.1	6.6	0.2	12	0.22	0.025	18
127910	Soil	0.6	16.8	29.1	39	<0.1	14.7	9.6	283	2.26	26.6	2.4	5.0	23	<0.1	13.2	0.2	12	0.28	0.034	17
127911	Soil	0.7	20.7	31.9	37	0.2	14.5	8.9	310	2.13	9.8	3.1	1.7	12	0.1	2.7	0.3	13	0.06	0.048	16
127912	Soil	0.8	21.1	16.1	50	<0.1	24.2	13.4	262	2.33	11.1	3.5	6.1	11	0.1	1.3	0.1	31	0.05	0.016	14
127913	Soil	1.0	9.3	18.6	30	<0.1	9.6	4.0	111	1.85	33.2	2.1	6.8	6	<0.1	1.9	0.2	32	0.04	0.016	17
127914	Soil	0.6	29.9	11.3	72	<0.1	27.2	12.4	351	3.86	32.3	5.4	14.5	12	<0.1	1.1	0.3	19	0.14	0.040	36
127915	Soil	0.7	54.7	23.4	80	0.1	39.3	14.6	669	3.55	504.1	92.4	9.6	35	0.2	16.3	0.3	16	0.50	0.059	25
127916	Soil	0.9	27.4	21.5	55	<0.1	28.4	17.0	1105	3.10	333.5	3.2	8.2	28	<0.1	43.6	0.3	16	0.39	0.047	34
127917	Soil	0.8	26.0	24.5	62	0.1	21.4	13.3	711	2.64	97.6	1.2	6.9	31	0.1	20.2	0.3	22	0.34	0.039	28
127918	Soil	0.9	16.5	18.6	45	<0.1	17.1	6.6	187	2.44	21.7	0.9	6.8	10	<0.1	3.8	0.2	30	0.09	0.036	23
127919	Soil	1.6	54.8	20.1	75	<0.1	30.5	9.4	615	3.71	22.4	2.3	5.6	13	<0.1	6.8	0.5	31	0.08	0.053	24
127920	Soil	1.0	29.2	20.6	69	0.2	36.4	15.0	1234	3.25	777.0	30.8	3.8	37	0.2	10.3	0.3	35	0.44	0.086	21
127921	Soil	0.9	18.7	12.0	47	<0.1	18.4	6.1	193	2.25	14.5	1.8	2.7	13	<0.1	2.5	0.2	36	0.15	0.031	16
127922	Soil	0.7	29.1	10.0	58	<0.1	24.0	8.8	321	2.42	10.9	2.5	6.8	17	0.1	3.0	0.2	32	0.19	0.054	22
127923	Soil	0.8	16.0	13.9	46	0.1	15.3	7.1	283	2.03	82.2	5.8	3.3	28	<0.1	6.4	0.2	26	0.34	0.051	19
127924	Soil	0.5	40.3	25.0	72	<0.1	30.2	16.5	362	3.69	740.8	28.6	14.5	36	<0.1	52.5	0.4	5	0.30	0.052	36
127925	Soil	0.6	29.4	26.5	57	<0.1	23.3	11.8	319	2.93	116.3	2.8	11.1	24	<0.1	7.6	0.3	9	0.27	0.036	31
127926	Soil	0.3	26.1	26.3	48	<0.1	18.7	10.8	223	2.59	101.0	3.0	12.4	24	<0.1	6.5	0.3	10	0.31	0.034	28
127927	Soil	0.4	25.8	16.4	54	<0.1	24.3	13.2	664	2.42	230.1	20.4	11.7	19	0.2	52.4	0.2	15	0.20	0.046	28
127928	Soil	0.7	27.3	17.4	63	<0.1	25.7	9.9	383	2.58	41.8	5.5	7.5	46	0.2	6.4	0.2	25	0.49	0.055	23
127929	Soil	0.5	40.9	29.1	45	0.1	22.9	15.6	662	2.80	219.1	8.7	4.6	70	0.1	324.8	0.3	2	1.31	0.052	18
127930	Soil	0.5	29.6	27.0	57	0.1	21.0	11.8	435	2.59	177.7	9.1	5.2	40	0.1	33.7	0.3	8	0.62	0.040	17
127931	Soil	0.5	41.3	20.1	64	0.1	30.4	12.8	532	2.65	52.3	9.3	8.5	42	0.2	45.0	0.3	13	0.82	0.050	22
127932	Soil	0.6	36.2	24.2	67	0.2	29.0	12.4	478	3.01	53.8	4.8	7.6	42	0.2	8.8	0.3	13	0.84	0.055	22



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Project: MLM2013  
 Report Date: August 30, 2013

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# CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
127903	Soil	17	0.59	124	0.003	<1	1.25	0.004	0.05	<0.1	0.02	1.7	<0.1	<0.05	4	0.5	<0.2
127904	Soil	14	0.34	145	0.006	1	0.87	0.007	0.06	0.1	0.04	2.5	<0.1	<0.05	3	0.5	<0.2
127905	Soil	16	0.38	159	0.007	<1	0.97	0.006	0.06	<0.1	0.06	2.8	<0.1	<0.05	3	<0.5	<0.2
127906	Soil	13	0.34	121	0.008	1	0.77	0.006	0.06	<0.1	0.05	2.2	<0.1	<0.05	2	0.8	<0.2
127907	Soil	15	0.37	180	0.006	<1	0.98	0.006	0.06	0.1	0.05	1.6	<0.1	<0.05	3	<0.5	<0.2
127908	Soil	11	0.24	177	0.004	2	0.82	0.006	0.07	0.1	0.06	1.5	<0.1	<0.05	3	<0.5	<0.2
127909	Soil	10	0.20	87	0.003	2	0.57	0.006	0.07	<0.1	0.02	1.0	<0.1	<0.05	2	<0.5	<0.2
127910	Soil	10	0.23	112	0.010	<1	0.69	0.004	0.10	<0.1	0.03	1.6	0.1	<0.05	2	<0.5	<0.2
127911	Soil	10	0.09	44	0.005	2	0.51	0.006	0.07	<0.1	0.05	0.6	<0.1	<0.05	2	<0.5	<0.2
127912	Soil	21	0.38	149	0.036	<1	1.45	0.007	0.10	0.1	0.05	2.7	0.1	<0.05	3	0.5	<0.2
127913	Soil	13	0.20	64	0.015	<1	0.95	0.003	0.04	0.2	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
127914	Soil	22	0.81	105	0.005	<1	1.68	0.004	0.04	<0.1	0.01	1.8	<0.1	<0.05	5	<0.5	<0.2
127915	Soil	17	0.45	176	0.003	1	1.20	0.005	0.05	<0.1	0.03	2.2	<0.1	0.06	3	<0.5	<0.2
127916	Soil	15	0.20	162	0.008	3	0.78	0.005	0.13	<0.1	0.03	2.0	0.2	<0.05	3	<0.5	<0.2
127917	Soil	15	0.26	193	0.010	2	1.00	0.005	0.11	0.1	0.04	1.8	0.1	<0.05	3	<0.5	<0.2
127918	Soil	19	0.29	102	0.020	1	1.10	0.004	0.05	0.2	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
127919	Soil	27	0.51	167	0.005	2	1.67	0.007	0.05	0.1	0.02	2.1	<0.1	<0.05	5	<0.5	<0.2
127920	Soil	25	0.31	318	0.008	2	1.38	0.005	0.06	0.2	0.08	3.2	0.1	<0.05	4	<0.5	<0.2
127921	Soil	20	0.31	149	0.016	2	1.13	0.004	0.05	0.2	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
127922	Soil	22	0.40	251	0.042	1	1.01	0.011	0.05	0.1	0.02	3.1	<0.1	<0.05	3	<0.5	<0.2
127923	Soil	17	0.25	167	0.008	1	1.00	0.005	0.05	0.2	0.04	1.8	<0.1	<0.05	3	<0.5	<0.2
127924	Soil	8	0.26	90	0.002	2	0.65	0.004	0.11	<0.1	0.03	1.3	<0.1	<0.05	2	<0.5	<0.2
127925	Soil	11	0.29	103	0.012	2	0.77	0.003	0.15	<0.1	0.03	1.3	0.2	<0.05	2	<0.5	<0.2
127926	Soil	12	0.34	92	0.015	2	0.91	0.003	0.18	<0.1	0.03	1.5	0.2	<0.05	3	<0.5	<0.2
127927	Soil	11	0.26	95	0.015	1	0.60	0.004	0.07	<0.1	0.03	1.8	<0.1	<0.05	2	<0.5	<0.2
127928	Soil	18	0.35	143	0.019	2	0.86	0.007	0.07	0.2	0.03	2.9	<0.1	<0.05	2	<0.5	<0.2
127929	Soil	5	0.16	78	0.002	3	0.31	0.003	0.08	<0.1	0.06	1.8	<0.1	0.06	<1	<0.5	<0.2
127930	Soil	9	0.24	88	0.004	3	0.64	0.005	0.08	<0.1	0.04	1.3	<0.1	<0.05	2	<0.5	<0.2
127931	Soil	14	0.31	129	0.009	2	0.82	0.005	0.05	0.1	0.05	2.3	<0.1	<0.05	2	<0.5	<0.2
127932	Soil	14	0.36	134	0.008	2	0.89	0.007	0.07	0.1	0.05	2.2	<0.1	<0.05	2	<0.5	<0.2

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Project: MLM2013  
 Report Date: August 30, 2013

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# CERTIFICATE OF ANALYSIS

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Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
127933	Soil		0.4	27.4	22.9	75	<0.1	27.1	12.1	280	2.86	23.7	4.9	12.7	30	<0.1	4.3	0.3	10	0.67	0.037	27
127934	Soil		0.5	27.5	26.0	69	0.1	25.1	11.3	705	2.54	33.6	3.9	6.1	68	0.2	8.3	0.3	14	1.33	0.062	18
127935	Soil		0.7	27.7	20.9	67	0.1	23.9	11.2	653	2.72	38.1	5.8	6.3	28	0.2	10.9	0.3	19	0.46	0.051	21
127936	Soil		0.7	31.0	21.1	74	<0.1	25.0	12.7	787	2.73	46.7	4.8	4.5	52	0.2	18.3	0.3	16	0.76	0.059	16
127937	Soil		0.6	44.5	20.4	79	0.2	33.8	14.4	625	3.36	90.1	20.2	9.5	39	<0.1	4.5	0.4	13	0.62	0.051	21
127938	Soil		0.6	35.3	15.9	81	0.1	31.5	15.1	890	2.93	41.7	10.8	7.8	42	0.1	2.3	0.4	19	0.70	0.049	19
127939	Soil		0.4	27.8	17.0	64	0.1	25.4	12.9	758	2.61	53.9	32.6	7.9	33	0.2	2.6	0.3	15	0.59	0.047	22
127940	Soil		0.4	26.3	17.2	74	0.1	26.7	13.0	791	2.62	56.7	12.9	8.2	31	0.2	2.5	0.3	15	0.56	0.049	21
127941	Soil		0.5	27.8	17.3	66	0.1	23.4	11.9	405	2.66	105.8	22.7	7.2	37	0.2	3.1	0.3	14	0.65	0.045	20
127942	Soil		0.5	37.4	17.4	75	0.1	29.3	14.6	722	2.83	42.5	15.2	10.9	18	0.1	2.3	0.4	21	0.31	0.047	25
127943	Soil		0.6	40.8	14.7	74	<0.1	32.1	15.7	616	3.20	40.7	12.8	13.0	16	<0.1	2.5	0.4	19	0.27	0.053	27
127944	Soil		0.7	47.2	15.4	66	0.2	25.2	12.2	553	2.76	39.0	34.6	9.5	29	0.1	1.9	0.4	18	0.51	0.058	19
127945	Soil		0.5	55.6	15.9	80	0.1	30.8	15.3	657	2.94	26.3	8.5	11.7	27	0.1	1.8	0.4	25	0.41	0.058	23
127946	Soil		0.6	38.7	17.3	75	0.1	31.3	15.8	766	3.58	46.1	139.5	16.5	17	<0.1	1.9	0.7	17	0.28	0.046	32
127947	Soil		0.7	32.8	26.9	74	0.1	31.2	16.4	890	3.29	168.2	16.8	10.1	28	0.2	3.7	0.4	11	0.45	0.067	28
127948	Soil		0.8	26.5	30.7	51	0.1	28.0	14.1	370	3.00	253.5	44.8	9.0	13	<0.1	5.3	0.3	5	0.12	0.035	29
127949	Soil		0.8	21.7	26.7	43	0.1	22.8	10.7	621	2.73	21.2	2.7	3.3	25	<0.1	1.1	0.3	9	0.31	0.058	21
127950	Soil		1.0	25.1	43.5	69	0.2	33.2	17.4	910	3.14	210.3	19.5	9.3	14	0.1	8.8	0.3	18	0.17	0.058	26
127951	Soil		0.9	8.9	11.8	43	<0.1	13.0	7.3	264	2.31	14.4	7.7	5.5	6	<0.1	1.0	0.3	25	0.05	0.019	18
127952	Soil		1.0	8.7	16.5	29	0.1	7.5	3.1	110	1.84	15.1	2.2	2.8	6	0.1	2.0	0.2	39	0.03	0.021	12
127953	Soil		0.8	11.4	20.4	25	<0.1	9.8	5.5	371	1.49	17.5	9.2	1.9	6	<0.1	1.2	0.3	28	0.04	0.036	16
127954	Soil		0.9	23.6	35.4	60	0.2	24.7	12.0	821	2.50	209.6	30.8	2.8	16	0.1	10.3	0.3	21	0.25	0.067	17
127955	Soil		0.5	20.5	24.9	66	0.1	20.7	11.4	943	2.17	193.6	39.2	4.1	33	0.3	8.2	0.3	14	0.77	0.075	12
127956	Soil		0.5	16.5	43.2	46	0.4	17.0	10.6	463	2.38	233.1	51.5	6.4	28	0.1	4.1	0.3	11	0.39	0.047	16
127957	Soil		0.5	20.0	19.8	45	0.1	17.0	10.1	389	2.42	155.2	23.9	8.0	30	<0.1	2.5	0.3	10	0.51	0.047	18
127958	Soil		0.4	26.7	19.2	57	0.1	19.7	8.8	418	2.31	71.4	21.5	4.5	52	0.2	3.5	0.3	11	1.03	0.049	12
127959	Soil		0.4	30.5	20.3	64	0.1	25.8	12.4	984	2.58	96.8	22.5	8.5	30	0.2	2.9	0.3	14	0.54	0.046	18
127960	Soil		0.6	31.6	16.8	70	0.1	27.1	14.1	1391	2.69	46.0	9.2	8.2	23	0.3	2.0	0.3	17	0.44	0.050	18
127961	Soil		0.5	24.0	15.9	68	0.1	24.6	11.1	1293	2.35	21.8	16.3	6.1	29	0.2	1.5	0.3	19	0.60	0.054	15
127962	Soil		0.6	32.7	15.5	72	0.1	25.7	13.0	611	2.55	17.4	14.4	9.1	26	0.1	1.7	0.4	21	0.45	0.053	19

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# CERTIFICATE OF ANALYSIS

WHI13000321.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
127933	Soil	12	0.34	75	0.013	2	0.76	0.005	0.08	<0.1	0.04	2.1	<0.1	<0.05	2	<0.5	<0.2
127934	Soil	14	0.32	142	0.010	3	0.78	0.007	0.07	0.1	0.05	2.3	<0.1	<0.05	2	<0.5	<0.2
127935	Soil	18	0.35	150	0.010	2	0.97	0.005	0.06	0.2	0.04	2.6	<0.1	<0.05	3	<0.5	<0.2
127936	Soil	16	0.36	170	0.007	3	1.02	0.005	0.07	<0.1	0.05	2.4	<0.1	<0.05	3	<0.5	<0.2
127937	Soil	14	0.32	128	0.004	1	0.94	0.006	0.05	0.1	0.03	2.6	<0.1	<0.05	3	<0.5	<0.2
127938	Soil	18	0.42	157	0.008	2	1.10	0.005	0.06	<0.1	0.04	2.6	<0.1	<0.05	3	<0.5	<0.2
127939	Soil	14	0.33	153	0.005	2	0.91	0.004	0.06	0.1	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
127940	Soil	14	0.34	141	0.006	1	0.98	0.005	0.06	<0.1	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
127941	Soil	14	0.33	147	0.005	1	0.93	0.005	0.07	<0.1	0.04	2.1	<0.1	<0.05	2	<0.5	<0.2
127942	Soil	19	0.39	135	0.013	2	1.05	0.005	0.05	0.1	0.04	2.7	<0.1	<0.05	3	<0.5	<0.2
127943	Soil	18	0.47	88	0.016	2	1.04	0.006	0.05	0.2	0.02	2.5	<0.1	<0.05	3	<0.5	<0.2
127944	Soil	17	0.41	122	0.009	2	1.05	0.006	0.06	0.1	0.05	2.5	<0.1	<0.05	3	<0.5	<0.2
127945	Soil	20	0.47	162	0.017	2	1.16	0.006	0.05	0.2	0.04	3.0	<0.1	<0.05	3	0.6	<0.2
127946	Soil	19	0.49	74	0.017	<1	1.07	0.004	0.04	0.1	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
127947	Soil	13	0.29	92	0.006	1	0.81	0.004	0.06	0.4	0.03	2.2	<0.1	<0.05	2	0.5	<0.2
127948	Soil	7	0.08	59	0.002	<1	0.39	0.007	0.08	<0.1	0.04	0.9	<0.1	<0.05	<1	<0.5	<0.2
127949	Soil	9	0.13	77	0.003	2	0.51	0.007	0.07	<0.1	0.04	0.7	<0.1	0.05	2	<0.5	<0.2
127950	Soil	17	0.24	121	0.010	1	0.92	0.005	0.08	0.2	0.03	1.7	<0.1	<0.05	2	<0.5	<0.2
127951	Soil	13	0.25	95	0.008	<1	0.94	0.004	0.07	<0.1	0.01	1.3	<0.1	<0.05	3	<0.5	<0.2
127952	Soil	10	0.09	60	0.017	1	0.76	0.003	0.03	0.2	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
127953	Soil	8	0.07	55	0.013	<1	0.57	0.005	0.04	0.1	0.03	0.8	<0.1	<0.05	3	<0.5	<0.2
127954	Soil	11	0.13	103	0.007	1	0.62	0.006	0.07	0.1	0.05	1.6	<0.1	<0.05	2	0.7	<0.2
127955	Soil	8	0.18	100	0.005	<1	0.44	0.005	0.06	0.1	0.06	1.9	<0.1	0.07	1	<0.5	<0.2
127956	Soil	8	0.16	105	0.003	<1	0.57	0.005	0.07	<0.1	0.05	1.5	<0.1	0.07	2	<0.5	<0.2
127957	Soil	9	0.29	92	0.003	1	0.67	0.005	0.07	<0.1	0.04	1.8	<0.1	0.07	2	1.1	<0.2
127958	Soil	9	0.27	93	0.003	2	0.69	0.007	0.06	<0.1	0.04	1.9	<0.1	0.09	2	0.8	<0.2
127959	Soil	12	0.32	140	0.004	2	0.79	0.005	0.06	<0.1	0.02	2.4	<0.1	0.06	2	0.8	<0.2
127960	Soil	13	0.38	193	0.006	<1	0.93	0.004	0.05	<0.1	0.04	2.4	<0.1	<0.05	3	0.5	<0.2
127961	Soil	15	0.37	188	0.006	1	0.94	0.005	0.05	<0.1	0.04	2.4	<0.1	0.07	3	<0.5	<0.2
127962	Soil	17	0.42	144	0.009	<1	1.00	0.005	0.05	<0.1	0.03	2.9	<0.1	<0.05	3	1.0	<0.2



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Project: MLM2013  
 Report Date: August 30, 2013

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# CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
127963	Soil	0.5	28.9	15.6	69	0.1	24.7	11.5	776	2.48	32.8	11.3	8.5	35	0.1	2.8	0.3	15	0.68	0.047	18
127964	Soil	0.7	34.6	25.0	74	0.2	25.4	12.8	502	2.99	40.0	12.3	10.7	24	0.1	2.9	0.4	16	0.43	0.047	21
127965	Soil	0.6	34.2	20.5	75	0.1	29.5	14.0	593	3.30	48.9	22.3	11.2	26	<0.1	3.7	0.3	14	0.40	0.045	20
127966	Soil	0.5	30.3	19.4	66	0.1	25.4	12.2	687	2.71	48.0	12.9	8.7	39	<0.1	2.8	0.3	15	0.58	0.041	18
127967	Soil	0.5	35.4	20.6	75	0.1	28.5	11.1	232	2.62	71.9	18.6	9.3	19	0.1	17.8	0.3	19	0.26	0.058	23
127968	Soil	0.5	31.1	20.1	75	0.2	25.6	11.6	607	2.61	35.0	8.5	6.2	30	0.2	11.2	0.3	23	0.40	0.060	18
127969	Soil	0.6	22.6	18.8	68	0.1	20.1	10.4	373	2.25	25.9	6.9	6.9	29	0.1	8.8	0.3	21	0.36	0.054	19
127970	Soil	0.5	33.5	24.7	63	0.2	25.5	12.0	1214	2.53	53.7	16.8	5.1	60	<0.1	12.7	0.3	17	0.68	0.066	15
127971	Soil	0.5	30.3	24.8	71	<0.1	25.8	10.6	289	2.80	181.4	29.2	9.6	26	0.1	12.4	0.3	16	0.31	0.052	23
127972	Soil	0.5	21.7	19.6	66	0.1	17.9	12.3	740	2.64	93.7	25.0	8.1	16	0.1	15.0	0.3	15	0.15	0.044	22
127973	Soil	0.5	29.7	20.2	60	0.1	23.2	10.1	411	2.49	51.7	21.0	8.1	20	<0.1	11.8	0.2	13	0.20	0.044	22
127974	Soil	0.5	29.9	20.5	62	0.1	23.4	10.7	562	2.67	68.1	14.0	7.5	32	0.1	12.6	0.3	18	0.42	0.056	21
127975	Soil	0.8	19.1	16.4	57	0.1	19.0	8.4	341	2.37	42.2	5.9	2.9	12	<0.1	13.1	0.2	21	0.12	0.052	22
127976	Soil	0.9	27.1	17.7	38	0.1	13.9	5.6	212	2.05	22.8	1.4	1.4	18	0.2	2.4	0.2	28	0.20	0.038	23
127977	Soil	0.7	19.7	28.2	44	<0.1	19.3	9.6	457	2.16	24.8	9.3	1.8	18	<0.1	2.6	0.3	24	0.16	0.056	19
127978	Soil	1.1	16.1	22.7	52	<0.1	19.4	9.2	251	2.81	12.6	2.1	8.0	7	<0.1	1.6	0.2	30	0.04	0.029	23
127979	Soil	0.7	12.3	20.9	37	<0.1	12.6	4.7	159	2.11	12.9	3.2	3.4	10	<0.1	1.1	0.2	39	0.10	0.038	13
127980	Soil	0.6	21.5	15.4	51	<0.1	17.9	10.1	392	2.25	17.2	3.1	5.9	12	<0.1	2.3	0.2	28	0.14	0.049	19
127981	Soil	1.2	10.5	12.0	41	<0.1	11.7	4.6	164	1.99	17.5	1.5	2.8	10	0.1	1.4	0.1	43	0.08	0.051	13
127982	Soil	1.1	9.3	16.8	36	<0.1	9.7	4.1	168	2.54	13.7	2.7	3.7	8	<0.1	1.4	0.2	49	0.05	0.032	12
127983	Soil	0.6	21.0	14.8	55	<0.1	18.1	8.5	309	2.28	18.0	3.2	7.0	12	0.1	3.8	0.2	24	0.11	0.044	18
127984	Soil	0.4	17.8	9.3	44	<0.1	15.3	6.5	230	1.83	11.8	<0.5	4.6	11	<0.1	1.6	0.1	20	0.13	0.043	17
127985	Soil	0.5	16.1	12.6	44	<0.1	15.2	7.6	366	1.87	12.2	2.6	4.2	13	<0.1	1.5	0.1	23	0.16	0.038	17
127986	Soil	0.9	17.1	25.0	54	<0.1	16.9	8.7	511	2.25	21.3	3.5	3.6	13	0.2	1.7	0.2	21	0.16	0.050	18
127987	Soil	0.6	16.8	10.3	47	<0.1	15.5	6.2	216	2.03	17.7	4.4	5.0	8	<0.1	1.7	0.2	17	0.09	0.031	16
127988	Soil	0.6	21.2	9.8	48	<0.1	18.4	7.6	302	2.09	13.8	2.5	5.5	18	<0.1	2.0	0.2	25	0.24	0.053	16
127989	Soil	0.9	18.1	15.3	50	<0.1	15.6	6.9	193	2.26	20.4	3.2	7.1	6	<0.1	6.3	0.2	23	0.05	0.016	18
127990	Soil	1.0	19.3	14.8	51	<0.1	17.0	6.8	194	2.27	21.7	4.8	7.0	6	<0.1	6.9	0.2	23	0.04	0.017	18
127991	Soil	0.8	20.0	14.3	51	<0.1	17.6	8.0	224	2.49	26.6	5.8	9.3	5	<0.1	5.7	0.2	22	0.03	0.017	23
127992	Soil	0.7	23.4	13.3	53	<0.1	25.7	11.6	322	2.38	21.3	4.5	4.9	14	0.2	2.5	0.1	35	0.15	0.045	11

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Project: MLM2013  
 Report Date: August 30, 2013

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# CERTIFICATE OF ANALYSIS

WHI13000321.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
127963	Soil	13	0.36	127	0.005	2	0.86	0.006	0.05	<0.1	0.04	2.4	<0.1	<0.05	2	1.2	<0.2
127964	Soil	15	0.39	120	0.006	<1	0.95	0.005	0.05	<0.1	0.04	3.1	<0.1	<0.05	3	1.1	<0.2
127965	Soil	13	0.36	122	0.004	<1	0.93	0.004	0.05	<0.1	0.03	2.6	<0.1	<0.05	3	0.8	<0.2
127966	Soil	13	0.31	153	0.005	<1	0.88	0.005	0.05	<0.1	0.02	2.5	<0.1	<0.05	2	0.6	<0.2
127967	Soil	15	0.38	128	0.009	1	0.90	0.006	0.06	<0.1	0.03	3.1	<0.1	<0.05	2	1.0	<0.2
127968	Soil	16	0.45	198	0.007	2	1.11	0.007	0.05	0.1	0.06	3.0	0.1	<0.05	3	0.7	<0.2
127969	Soil	15	0.41	165	0.009	1	0.98	0.007	0.05	0.1	0.04	2.7	<0.1	<0.05	3	0.6	<0.2
127970	Soil	13	0.45	174	0.005	2	0.93	0.007	0.06	<0.1	0.06	2.6	<0.1	0.05	3	1.3	<0.2
127971	Soil	14	0.50	161	0.004	<1	1.04	0.006	0.05	<0.1	0.04	2.3	<0.1	<0.05	3	0.9	<0.2
127972	Soil	15	0.44	125	0.005	1	1.04	0.004	0.08	<0.1	0.03	1.7	<0.1	<0.05	3	0.7	<0.2
127973	Soil	12	0.34	143	0.005	<1	0.81	0.005	0.08	<0.1	0.05	1.8	<0.1	<0.05	2	0.6	<0.2
127974	Soil	14	0.39	176	0.007	<1	0.96	0.006	0.08	<0.1	0.05	2.3	<0.1	<0.05	3	0.8	<0.2
127975	Soil	16	0.37	120	0.011	1	0.98	0.005	0.05	0.1	0.03	1.7	<0.1	<0.05	3	1.0	<0.2
127976	Soil	13	0.24	138	0.010	1	0.93	0.006	0.05	0.1	0.03	1.1	<0.1	<0.05	4	0.5	<0.2
127977	Soil	13	0.25	105	0.011	<1	0.75	0.006	0.05	0.1	0.09	1.3	<0.1	<0.05	3	1.1	<0.2
127978	Soil	18	0.29	120	0.012	<1	1.36	0.004	0.06	0.1	0.02	2.3	0.1	<0.05	4	1.5	<0.2
127979	Soil	21	0.33	99	0.023	2	1.24	0.005	0.04	0.2	0.04	2.4	<0.1	<0.05	4	1.0	<0.2
127980	Soil	18	0.37	122	0.022	2	1.06	0.006	0.05	0.1	0.02	2.5	<0.1	<0.05	3	0.6	<0.2
127981	Soil	16	0.24	68	0.031	1	0.87	0.007	0.04	0.2	0.01	1.8	<0.1	<0.05	4	0.6	<0.2
127982	Soil	20	0.25	58	0.028	<1	1.14	0.004	0.04	0.2	0.02	2.0	<0.1	<0.05	5	0.6	<0.2
127983	Soil	16	0.38	107	0.024	1	0.94	0.005	0.05	0.1	0.01	2.3	<0.1	<0.05	3	<0.5	<0.2
127984	Soil	14	0.35	117	0.019	<1	0.84	0.005	0.04	0.1	0.02	2.0	<0.1	<0.05	2	<0.5	<0.2
127985	Soil	16	0.37	181	0.014	<1	0.95	0.005	0.03	0.1	0.03	1.9	<0.1	<0.05	3	0.6	<0.2
127986	Soil	15	0.26	205	0.009	<1	0.93	0.005	0.04	0.2	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
127987	Soil	14	0.36	103	0.013	<1	0.94	0.004	0.04	0.1	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
127988	Soil	17	0.42	138	0.023	<1	0.96	0.008	0.04	0.1	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
127989	Soil	18	0.39	106	0.012	<1	1.15	0.004	0.04	0.1	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
127990	Soil	17	0.40	98	0.012	<1	1.12	0.005	0.03	0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
127991	Soil	16	0.36	94	0.011	2	1.23	0.004	0.04	0.1	0.02	2.5	<0.1	<0.05	3	<0.5	<0.2
127992	Soil	22	0.41	121	0.026	<1	1.40	0.007	0.04	0.2	0.06	3.2	<0.1	<0.05	3	<0.5	<0.2

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# CERTIFICATE OF ANALYSIS

WHI13000321.1

	Method	1DX15																				
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01	0.001	1
127993	Soil	0.9	7.5	14.6	29	<0.1	10.2	4.3	167	2.51	23.9	2.2	3.2	6	0.2	2.2	0.2	40	0.06	0.025	14	
127994	Soil	0.7	20.0	16.7	44	0.2	18.8	8.7	253	2.40	24.7	4.7	7.4	8	0.1	2.9	0.2	36	0.06	0.018	21	
127995	Soil	0.6	15.1	30.7	87	0.1	18.2	11.4	674	3.24	99.5	5.9	5.7	46	0.2	13.7	0.3	29	0.62	0.104	18	
127996	Soil	0.7	19.3	32.7	46	0.2	16.4	7.4	208	3.71	25.1	2.8	6.9	6	0.1	3.8	0.3	32	0.04	0.026	18	
127997	Soil	0.7	27.5	54.2	85	<0.1	29.9	20.5	1154	4.05	57.2	2.7	10.2	14	<0.1	11.3	0.5	19	0.16	0.049	23	
127998	Soil	0.5	30.6	21.3	76	0.1	22.9	11.7	431	2.42	49.2	8.2	7.9	37	0.2	13.9	0.3	16	0.62	0.053	19	
127999	Soil	1.3	17.7	12.0	36	<0.1	13.9	5.4	200	1.78	74.2	1.5	2.0	7	<0.1	18.7	0.3	29	0.15	0.029	17	
1127936	Soil	0.3	30.1	16.7	63	0.2	24.6	11.2	749	2.24	42.9	11.1	5.0	59	<0.1	2.1	0.3	16	1.10	0.049	12	
1128000	Soil	0.6	20.8	21.0	61	<0.1	22.3	12.3	416	2.85	136.4	16.8	9.4	33	<0.1	16.1	0.3	14	0.68	0.035	22	



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 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

Client: **Mayo Lake Minerals Inc.**  
 P.O. 158 3232 Carp Rd.  
 Carp K0A 1A0 CANADA

Project: MLM2013  
 Report Date: August 30, 2013

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Part: 2 of 2

# CERTIFICATE OF ANALYSIS

WHI13000321.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
127993	Soil	16	0.22	93	0.015	<1	1.00	0.004	0.04	0.2	<0.01	1.6	<0.1	<0.05	4	<0.5	<0.2
127994	Soil	19	0.31	178	0.017	<1	1.33	0.005	0.04	0.2	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
127995	Soil	15	0.47	126	0.006	<1	0.87	0.004	0.05	<0.1	0.05	2.6	<0.1	<0.05	2	<0.5	<0.2
127996	Soil	19	0.28	61	0.012	<1	1.25	0.004	0.05	0.2	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
127997	Soil	17	0.36	67	0.004	<1	1.26	0.004	0.06	0.1	0.04	1.5	<0.1	<0.05	4	<0.5	<0.2
127998	Soil	13	0.32	111	0.008	<1	0.76	0.005	0.06	<0.1	0.04	2.7	<0.1	<0.05	2	<0.5	<0.2
127999	Soil	10	0.08	40	0.006	<1	0.50	0.004	0.03	0.1	0.03	0.8	<0.1	<0.05	3	<0.5	<0.2
1127936	Soil	13	0.36	149	0.005	<1	0.91	0.006	0.05	<0.1	0.04	2.5	<0.1	0.08	3	<0.5	<0.2
1128000	Soil	8	0.20	78	0.003	<1	0.63	0.003	0.06	<0.1	0.06	2.6	0.1	<0.05	1	<0.5	<0.2



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Project: MLM2013  
 Report Date: August 30, 2013

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Part: 1 of 2

# QUALITY CONTROL REPORT

WHI13000321.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	
Pulp Duplicates																					
127859	Soil	0.5	24.6	8.3	61	<0.1	22.8	9.0	289	2.19	17.4	3.9	6.1	17	0.2	4.3	0.1	26	0.25	0.067	18
REP 127859	QC	0.6	25.0	8.9	59	<0.1	22.9	8.9	282	2.20	17.2	3.2	6.3	17	0.2	4.2	0.1	28	0.25	0.069	20
127875	Soil	0.7	19.6	18.0	57	<0.1	19.0	14.1	822	2.53	39.0	4.9	7.4	17	<0.1	10.6	0.2	19	0.24	0.051	20
REP 127875	QC	0.7	19.5	17.4	55	<0.1	18.0	13.9	818	2.44	38.7	4.2	7.1	17	<0.1	10.4	0.2	20	0.23	0.047	21
127895	Soil	0.7	23.5	12.8	58	0.2	21.1	6.5	163	2.72	23.7	1.6	7.7	4	<0.1	1.1	0.2	17	0.03	0.056	30
REP 127895	QC	0.8	22.5	11.8	62	0.2	20.4	6.6	165	2.69	22.8	4.3	10.3	4	<0.1	1.2	0.2	20	0.04	0.056	34
127911	Soil	0.7	20.7	31.9	37	0.2	14.5	8.9	310	2.13	9.8	3.1	1.7	12	0.1	2.7	0.3	13	0.06	0.048	16
REP 127911	QC	0.8	20.8	31.4	36	0.1	13.5	8.6	286	2.07	9.3	2.2	1.3	11	0.1	2.4	0.2	12	0.05	0.048	15
127931	Soil	0.5	41.3	20.1	64	0.1	30.4	12.8	532	2.65	52.3	9.3	8.5	42	0.2	45.0	0.3	13	0.82	0.050	22
REP 127931	QC	0.4	42.9	20.4	63	0.1	29.7	12.4	528	2.70	53.8	11.7	8.5	43	0.2	45.5	0.3	13	0.82	0.050	22
127947	Soil	0.7	32.8	26.9	74	0.1	31.2	16.4	890	3.29	168.2	16.8	10.1	28	0.2	3.7	0.4	11	0.45	0.067	28
REP 127947	QC	0.6	31.4	27.4	72	0.1	31.1	16.0	858	3.23	167.5	22.1	10.1	27	0.2	3.7	0.4	11	0.44	0.068	27
127967	Soil	0.5	35.4	20.6	75	0.1	28.5	11.1	232	2.62	71.9	18.6	9.3	19	0.1	17.8	0.3	19	0.26	0.058	23
REP 127967	QC	0.5	33.5	21.0	73	0.1	26.8	10.9	226	2.53	72.1	16.9	9.5	19	0.1	17.5	0.3	19	0.26	0.055	22
127983	Soil	0.6	21.0	14.8	55	<0.1	18.1	8.5	309	2.28	18.0	3.2	7.0	12	0.1	3.8	0.2	24	0.11	0.044	18
REP 127983	QC	0.6	20.7	13.9	52	<0.1	18.1	8.3	299	2.19	17.2	4.9	6.9	12	0.2	3.8	0.2	24	0.11	0.043	17
1127936	Soil	0.3	30.1	16.7	63	0.2	24.6	11.2	749	2.24	42.9	11.1	5.0	59	<0.1	2.1	0.3	16	1.10	0.049	12
REP 1127936	QC	0.4	32.2	17.0	64	0.2	23.5	11.4	756	2.28	43.9	12.3	4.9	57	0.2	2.1	0.3	16	1.11	0.049	11
1128000	Soil	0.6	20.8	21.0	61	<0.1	22.3	12.3	416	2.85	136.4	16.8	9.4	33	<0.1	16.1	0.3	14	0.68	0.035	22
REP 1128000	QC	0.5	21.6	19.5	66	<0.1	24.9	13.0	434	2.89	139.2	17.1	9.8	34	<0.1	16.7	0.3	12	0.68	0.035	22
Reference Materials																					
STD DS9	Standard	14.0	113.0	131.8	322	1.8	42.6	8.0	605	2.40	25.9	120.5	6.6	78	2.5	6.0	7.0	44	0.79	0.086	15
STD DS9	Standard	13.3	116.1	126.5	319	1.7	41.0	7.8	608	2.36	25.9	116.2	6.3	72	2.3	5.6	6.8	43	0.75	0.086	14
STD DS9	Standard	12.9	105.6	128.8	308	1.9	41.2	7.2	574	2.26	25.8	118.9	6.4	72	2.6	5.9	7.0	39	0.70	0.079	13
STD DS9	Standard	11.7	96.0	122.0	285	1.8	35.3	6.6	543	2.21	25.4	114.8	5.7	72	2.3	5.9	6.8	37	0.67	0.079	12
STD DS9	Standard	11.7	100.2	125.7	295	1.8	38.1	6.8	551	2.18	25.6	131.0	6.1	70	2.6	6.1	6.8	37	0.64	0.076	12
STD DS9 Expected		12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819	13.3
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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 PHONE (604) 253-3158

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 P.O. 158 3232 Carp Rd.  
 Carp K0A 1A0 CANADA

Project: MLM2013  
 Report Date: August 30, 2013

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Part: 2 of 2

# QUALITY CONTROL REPORT

WHI13000321.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																	
127859	Soil	19	0.42	136	0.033	2	0.90	0.008	0.06	0.2	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
REP 127859	QC	21	0.43	131	0.037	1	0.91	0.012	0.05	0.2	0.03	2.8	<0.1	<0.05	3	<0.5	<0.2
127875	Soil	15	0.36	109	0.010	2	0.94	0.006	0.05	0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
REP 127875	QC	15	0.34	107	0.013	1	0.89	0.005	0.05	0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
127895	Soil	18	0.45	33	0.003	2	1.19	0.005	0.04	<0.1	0.04	1.1	<0.1	<0.05	4	<0.5	<0.2
REP 127895	QC	17	0.46	35	0.005	2	1.18	0.005	0.05	<0.1	0.04	1.2	<0.1	<0.05	5	<0.5	<0.2
127911	Soil	10	0.09	44	0.005	2	0.51	0.006	0.07	<0.1	0.05	0.6	<0.1	<0.05	2	<0.5	<0.2
REP 127911	QC	9	0.09	40	0.005	<1	0.48	0.006	0.07	<0.1	0.05	0.5	<0.1	<0.05	1	<0.5	<0.2
127931	Soil	14	0.31	129	0.009	2	0.82	0.005	0.05	0.1	0.05	2.3	<0.1	<0.05	2	<0.5	<0.2
REP 127931	QC	14	0.33	136	0.009	2	0.83	0.005	0.06	0.1	0.05	2.3	<0.1	<0.05	2	<0.5	<0.2
127947	Soil	13	0.29	92	0.006	1	0.81	0.004	0.06	0.4	0.03	2.2	<0.1	<0.05	2	0.5	<0.2
REP 127947	QC	13	0.28	87	0.006	<1	0.81	0.004	0.06	0.3	0.03	2.2	<0.1	<0.05	2	<0.5	<0.2
127967	Soil	15	0.38	128	0.009	1	0.90	0.006	0.06	<0.1	0.03	3.1	<0.1	<0.05	2	1.0	<0.2
REP 127967	QC	15	0.37	125	0.008	<1	0.89	0.006	0.05	<0.1	0.03	2.9	<0.1	<0.05	2	<0.5	<0.2
127983	Soil	16	0.38	107	0.024	1	0.94	0.005	0.05	0.1	0.01	2.3	<0.1	<0.05	3	<0.5	<0.2
REP 127983	QC	15	0.36	104	0.023	<1	0.89	0.005	0.05	0.1	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
1127936	Soil	13	0.36	149	0.005	<1	0.91	0.006	0.05	<0.1	0.04	2.5	<0.1	0.08	3	<0.5	<0.2
REP 1127936	QC	14	0.37	149	0.005	1	0.88	0.006	0.05	<0.1	0.04	2.4	<0.1	0.09	2	0.7	<0.2
1128000	Soil	8	0.20	78	0.003	<1	0.63	0.003	0.06	<0.1	0.06	2.6	0.1	<0.05	1	<0.5	<0.2
REP 1128000	QC	9	0.20	77	0.003	<1	0.64	0.004	0.06	<0.1	0.06	2.6	0.1	<0.05	2	<0.5	<0.2
Reference Materials																	
STD DS9	Standard	126	0.66	314	0.126	3	1.02	0.099	0.41	3.2	0.20	3.0	5.4	0.14	5	5.7	5.0
STD DS9	Standard	127	0.62	299	0.121	3	0.99	0.093	0.40	3.0	0.20	3.0	5.2	0.12	5	5.0	5.1
STD DS9	Standard	121	0.64	291	0.107	3	0.92	0.075	0.38	3.2	0.18	2.7	5.3	0.13	4	4.5	5.3
STD DS9	Standard	107	0.59	285	0.097	3	0.89	0.079	0.38	2.9	0.21	2.4	5.0	0.14	4	5.6	5.2
STD DS9	Standard	109	0.60	278	0.099	<1	0.86	0.072	0.38	3.1	0.20	2.5	5.3	0.16	4	5.3	5.4
STD DS9 Expected		121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



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 P.O. 158 3232 Carp Rd.  
 Carp K0A 1A0 CANADA

Project: MLM2013  
 Report Date: August 30, 2013

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## QUALITY CONTROL REPORT

WHI13000321.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	0.2	<0.1	<1	<0.01	1.0	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1





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## QUALITY CONTROL REPORT

WHI13000321.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2



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Submitted By: Tyrell Sutherland/Vern Rampton
Receiving Lab: Canada-Whitehorse
Received: August 22, 2013
Report Date: September 03, 2013
Page: 1 of 7

CERTIFICATE OF ANALYSIS

WHI13000322.1

CLIENT JOB INFORMATION

Project: MLM2013
Shipment ID: Dispatch #2
P.O. Number
Number of Samples: 167

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Mayo Lake Minerals Inc.
P.O. 158 3232 Carp Rd.
Carp K0A 1A0
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Procedure Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include procedures like 'Dry at 60C', 'SS80', and '1DX2'.

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. \*\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Client: **Mayo Lake Minerals Inc.**  
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 Carp K0A 1A0 CANADA

Project: MLM2013  
 Report Date: September 03, 2013

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# CERTIFICATE OF ANALYSIS

WHI13000322.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm		
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01	0.001	1
130575	Soil		0.7	16.5	14.3	38	<0.1	13.1	5.1	163	2.17	23.2	10.0	3.2	9	<0.1	4.7	0.9	34	0.11	0.029	16	
130576	Soil		0.6	24.8	15.6	51	<0.1	21.0	9.3	389	2.13	30.5	4.8	7.5	21	0.2	5.8	0.5	16	0.40	0.040	20	
130577	Soil		0.9	17.3	18.7	50	<0.1	15.8	9.6	501	2.64	23.7	1.8	6.2	7	0.1	4.3	0.5	28	0.11	0.031	24	
130578	Soil		0.8	22.5	18.5	53	<0.1	21.7	9.6	386	2.60	28.9	4.4	6.0	20	<0.1	7.1	0.4	29	0.28	0.034	17	
130579	Soil		0.6	35.5	20.0	63	<0.1	28.6	11.0	514	2.78	24.3	3.6	10.3	30	<0.1	7.9	0.5	15	0.71	0.040	23	
130580	Soil		0.5	22.4	16.3	50	0.1	18.6	8.1	276	1.98	73.7	9.4	4.1	58	0.2	67.0	0.5	14	0.98	0.046	14	
130581	Soil		0.5	31.5	20.0	43	0.1	19.5	9.6	517	2.26	24.3	5.1	4.1	50	0.2	16.1	0.5	16	1.07	0.051	14	
130582	Soil		0.5	23.2	17.4	45	0.1	20.1	9.2	365	2.18	47.3	6.8	5.0	32	0.1	29.1	0.4	17	0.60	0.046	15	
130583	Soil		0.6	18.8	14.5	47	<0.1	17.5	8.7	312	2.30	32.5	4.1	6.9	6	<0.1	10.6	0.3	18	0.10	0.037	19	
130584	Soil		0.5	22.7	14.0	47	<0.1	20.7	9.3	371	2.32	39.2	5.7	6.5	15	<0.1	14.6	0.3	13	0.30	0.038	16	
130585	Soil		0.5	24.9	18.9	50	<0.1	19.9	9.6	349	2.47	40.1	3.1	8.0	7	0.1	11.3	0.3	10	0.12	0.030	19	
130586	Soil		0.4	16.0	12.8	40	<0.1	15.9	7.7	576	1.93	26.7	12.3	4.3	21	0.1	5.9	0.2	13	0.49	0.032	16	
130587	Soil		0.8	23.8	14.8	67	<0.1	21.5	7.9	237	2.37	28.4	4.2	6.9	14	0.2	6.6	0.2	21	0.28	0.049	20	
130588	Soil		0.8	18.3	9.5	55	<0.1	16.4	7.4	178	1.99	18.1	1.6	5.1	9	0.2	3.3	0.2	18	0.13	0.036	16	
130589	Soil		0.6	20.7	12.6	54	<0.1	19.7	8.4	299	2.22	25.0	3.2	5.9	14	<0.1	4.5	0.2	19	0.31	0.037	16	
130590	Soil		0.9	23.1	15.0	60	<0.1	22.2	9.0	295	2.30	29.4	94.9	7.0	16	0.1	6.6	0.2	19	0.31	0.038	19	
130591	Soil		0.7	25.1	13.2	60	0.1	21.3	8.5	419	2.23	24.5	3.3	6.6	18	0.1	5.0	0.2	20	0.41	0.051	19	
130592	Soil		0.5	23.0	12.5	66	0.1	23.4	9.9	599	2.11	16.0	13.1	6.0	35	0.2	2.9	0.2	20	0.51	0.053	17	
130593	Soil		0.7	21.2	13.2	60	<0.1	21.1	11.8	712	2.21	16.3	2.1	6.8	15	0.2	1.4	0.2	16	0.25	0.045	20	
130594	Soil		0.9	19.7	14.7	66	<0.1	20.3	10.6	307	2.42	29.9	2.8	4.9	22	0.2	5.4	0.2	34	0.31	0.058	15	
130595	Soil		0.8	21.7	14.2	50	0.2	18.7	6.7	182	2.20	18.4	3.2	5.3	8	0.2	2.3	0.2	33	0.10	0.038	16	
130596	Soil		0.8	11.5	13.4	34	<0.1	11.3	4.5	167	1.89	20.0	2.6	3.2	16	0.1	4.3	0.3	26	0.24	0.031	15	
130597	Soil		0.8	28.4	17.8	69	<0.1	21.1	9.4	435	2.43	33.5	6.2	9.4	10	0.1	10.6	0.2	20	0.14	0.039	22	
130598	Soil		0.6	27.0	14.4	58	<0.1	20.6	7.3	288	2.20	27.2	3.1	7.0	11	0.1	6.4	0.3	19	0.18	0.045	20	
130599	Soil		0.8	27.2	18.4	82	0.2	24.5	11.4	331	2.78	27.3	4.4	7.1	17	0.3	5.7	0.3	25	0.24	0.064	20	
130600	Soil		0.4	13.6	12.7	67	<0.1	15.2	7.1	568	1.75	16.8	9.7	1.4	47	0.2	2.7	0.2	15	1.05	0.061	9	
130601	Soil		0.5	26.3	18.6	57	0.1	20.7	8.8	345	2.41	17.9	3.3	7.5	15	<0.1	3.6	0.2	18	0.27	0.030	19	
130602	Soil		0.4	17.3	15.1	40	<0.1	14.2	6.6	188	2.13	25.6	6.3	7.3	13	<0.1	9.0	0.2	10	0.20	0.024	20	
130603	Soil		0.8	18.5	17.3	42	<0.1	18.9	8.6	236	2.24	29.1	3.0	6.7	22	<0.1	5.4	0.3	26	0.30	0.022	16	
130604	Soil		0.4	29.9	20.3	54	<0.1	27.6	12.6	417	2.54	23.3	3.4	10.2	19	<0.1	6.4	0.3	12	0.26	0.029	22	

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Project: MLM2013  
 Report Date: September 03, 2013

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# CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
130575	Soil	16	0.21	128	0.009	3	1.09	0.006	0.03	0.2	0.03	1.5	<0.1	0.14	4	<0.5	<0.2
130576	Soil	13	0.31	109	0.007	3	0.89	0.005	0.05	0.1	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
130577	Soil	15	0.25	110	0.004	3	1.14	0.004	0.05	0.1	0.01	1.3	<0.1	<0.05	4	<0.5	<0.2
130578	Soil	18	0.29	173	0.011	4	1.18	0.005	0.04	0.2	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
130579	Soil	14	0.33	129	0.004	3	1.07	0.006	0.07	<0.1	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2
130580	Soil	11	0.29	106	0.006	4	0.70	0.006	0.04	0.1	0.06	1.6	<0.1	<0.05	2	<0.5	<0.2
130581	Soil	12	0.29	159	0.005	3	0.89	0.004	0.03	0.1	0.04	1.8	<0.1	<0.05	2	0.6	<0.2
130582	Soil	12	0.29	102	0.011	3	0.78	0.006	0.03	0.1	0.05	1.9	<0.1	<0.05	2	<0.5	<0.2
130583	Soil	13	0.26	101	0.008	3	0.91	0.003	0.03	0.1	0.01	1.3	<0.1	<0.05	2	<0.5	<0.2
130584	Soil	11	0.26	86	0.009	2	0.63	0.005	0.03	0.1	0.03	1.8	<0.1	<0.05	2	<0.5	<0.2
130585	Soil	10	0.25	78	0.004	<1	0.78	0.003	0.03	<0.1	<0.01	1.2	<0.1	<0.05	2	<0.5	<0.2
130586	Soil	10	0.23	114	0.006	2	0.64	0.004	0.03	<0.1	0.01	1.4	<0.1	<0.05	2	<0.5	<0.2
130587	Soil	16	0.36	199	0.010	2	1.01	0.005	0.05	0.1	0.06	2.0	<0.1	<0.05	3	<0.5	<0.2
130588	Soil	14	0.31	114	0.011	1	0.85	0.004	0.03	<0.1	0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
130589	Soil	15	0.32	110	0.011	<1	0.84	0.006	0.04	0.1	0.02	1.8	<0.1	<0.05	2	<0.5	<0.2
130590	Soil	17	0.36	134	0.010	1	0.97	0.006	0.05	0.1	0.01	1.8	<0.1	<0.05	3	<0.5	<0.2
130591	Soil	16	0.37	158	0.012	<1	0.95	0.006	0.04	0.2	0.04	2.0	<0.1	0.06	3	<0.5	<0.2
130592	Soil	15	0.40	155	0.012	3	0.95	0.006	0.05	0.1	0.06	1.8	<0.1	<0.05	3	<0.5	<0.2
130593	Soil	12	0.33	127	0.009	<1	0.85	0.004	0.03	<0.1	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
130594	Soil	23	0.37	215	0.011	1	1.19	0.006	0.03	0.1	0.04	2.6	<0.1	<0.05	4	<0.5	<0.2
130595	Soil	18	0.30	147	0.022	<1	1.10	0.004	0.03	0.1	0.04	2.4	<0.1	<0.05	4	<0.5	<0.2
130596	Soil	13	0.17	143	0.015	2	0.74	0.004	0.03	<0.1	0.04	1.1	<0.1	<0.05	4	<0.5	<0.2
130597	Soil	16	0.39	130	0.015	<1	1.01	0.005	0.05	0.1	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
130598	Soil	14	0.33	164	0.009	<1	0.99	0.005	0.04	0.1	0.04	2.0	<0.1	<0.05	3	<0.5	<0.2
130599	Soil	19	0.39	311	0.006	1	1.35	0.006	0.05	<0.1	0.06	2.9	<0.1	<0.05	4	0.7	<0.2
130600	Soil	12	0.23	173	0.007	2	0.69	0.006	0.03	<0.1	0.04	1.1	<0.1	<0.05	2	<0.5	<0.2
130601	Soil	14	0.33	149	0.009	1	0.86	0.005	0.03	<0.1	0.04	2.7	<0.1	<0.05	3	<0.5	<0.2
130602	Soil	10	0.27	89	0.003	<1	0.78	0.003	0.03	<0.1	0.03	1.3	<0.1	<0.05	2	<0.5	<0.2
130603	Soil	16	0.27	109	0.011	<1	0.99	0.005	0.03	0.1	0.04	2.0	<0.1	<0.05	3	<0.5	<0.2
130604	Soil	11	0.23	92	0.004	<1	0.68	0.003	0.07	<0.1	0.04	1.8	<0.1	<0.05	2	<0.5	<0.2

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Project: MLM2013  
 Report Date: September 03, 2013

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# CERTIFICATE OF ANALYSIS

WHI13000322.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
130605	Soil	0.9	24.3	26.6	78	<0.1	29.6	16.6	968	3.15	230.2	6.4	11.6	39	0.2	115.8	0.4	12	0.70	0.037	21
130606	Soil	1.0	35.6	31.4	79	0.1	28.5	17.5	1101	4.65	230.6	3.6	18.4	16	0.2	56.9	1.0	12	0.27	0.039	33
130607	Soil	0.8	19.6	14.9	46	<0.1	22.3	11.0	265	2.49	29.3	5.6	7.7	5	<0.1	4.3	0.3	24	0.04	0.015	19
130608	Soil	0.9	5.9	14.0	31	<0.1	7.7	3.0	69	1.69	12.8	1.8	3.9	9	<0.1	1.3	0.3	42	0.11	0.019	14
130609	Soil	0.5	17.5	11.8	51	<0.1	17.7	7.3	187	2.09	22.1	4.1	5.1	8	<0.1	3.5	0.2	30	0.11	0.026	15
130610	Soil	0.4	25.0	20.1	57	<0.1	19.2	9.4	570	2.18	36.6	34.6	6.4	23	0.2	11.4	0.3	12	0.44	0.043	18
130611	Soil	0.5	26.1	18.6	60	<0.1	21.1	9.1	347	2.22	38.9	10.3	6.7	23	<0.1	10.2	1.0	12	0.52	0.048	18
130612	Soil	0.5	25.2	23.5	60	0.1	19.6	10.1	627	2.38	44.2	6.2	7.9	34	0.1	12.6	0.8	12	0.70	0.054	18
130613	Soil	0.6	25.4	16.4	62	0.1	19.3	9.1	674	2.06	31.4	5.2	4.8	42	0.2	8.1	0.5	13	1.06	0.049	13
130614	Soil	0.5	34.7	18.6	76	0.1	27.2	12.3	241	2.59	17.2	3.4	9.7	17	0.2	6.1	0.4	19	0.30	0.046	21
130615	Soil	0.6	36.3	23.2	83	0.1	28.3	13.6	445	2.99	13.3	5.4	10.3	16	0.2	2.5	0.4	19	0.23	0.048	23
130616	Soil	0.7	25.3	20.3	68	<0.1	25.3	12.7	318	3.16	16.2	3.3	10.1	13	0.1	6.4	0.4	22	0.18	0.044	23
130617	Soil	0.5	32.1	24.2	70	<0.1	26.8	12.2	335	2.78	17.3	3.5	12.2	14	0.1	4.5	0.3	18	0.22	0.052	27
130618	Soil	0.6	24.6	24.1	70	0.1	23.4	10.5	425	2.43	27.5	3.8	10.8	14	0.1	3.7	0.3	19	0.23	0.050	28
130619	Soil	0.8	29.1	45.3	76	0.1	23.8	11.5	606	3.07	49.1	4.1	9.0	23	0.1	3.1	0.4	16	0.38	0.047	29
130620	Soil	0.5	21.5	18.2	57	<0.1	18.9	8.7	450	2.01	49.4	5.9	4.8	22	0.1	6.9	0.3	17	0.66	0.055	19
130621	Soil	0.5	20.6	21.8	69	0.1	21.8	9.9	567	2.18	20.4	2.1	4.5	30	0.2	5.0	0.3	23	0.91	0.068	19
130622	Soil	0.5	27.6	21.3	63	0.1	22.6	10.4	561	2.54	19.5	3.9	6.4	31	0.2	3.3	0.3	18	1.03	0.061	21
130623	Soil	0.5	27.4	39.1	69	0.1	21.4	10.7	549	2.43	11.9	3.9	8.3	26	0.1	2.6	0.3	15	0.77	0.062	25
130624	Soil	0.4	25.4	19.6	64	<0.1	22.1	10.1	953	2.53	10.1	3.2	8.6	31	0.3	1.9	0.2	73	1.03	0.108	18
130625	Soil	0.6	26.9	21.6	60	<0.1	20.7	9.6	989	2.30	9.2	1.3	7.5	32	0.3	2.0	0.3	46	0.99	0.095	20
130626	Soil	0.4	23.9	20.7	55	0.1	20.5	10.3	855	2.14	7.3	2.8	7.5	31	0.4	2.3	0.2	25	0.95	0.080	22
130627	Soil	0.6	19.8	18.5	61	0.1	19.5	8.2	328	2.12	14.1	2.6	7.0	23	0.2	6.8	0.2	21	0.60	0.066	21
130628	Soil	0.3	27.0	30.8	58	0.1	20.0	8.8	385	2.20	17.3	3.5	7.6	53	0.1	6.4	0.3	13	1.10	0.051	20
130629	Soil	0.4	30.5	32.3	67	0.1	25.7	10.9	702	2.32	20.4	2.7	9.1	32	0.1	6.4	0.2	13	0.80	0.058	25
130630	Soil	0.5	30.1	23.8	76	<0.1	27.4	13.6	564	2.65	31.1	6.9	13.9	14	0.1	5.6	0.2	16	0.34	0.051	33
130631	Soil	0.5	22.5	20.1	64	<0.1	21.8	11.1	586	2.33	69.2	8.2	6.4	23	0.1	6.9	0.2	18	0.63	0.048	21
130632	Soil	0.7	26.1	25.7	72	0.1	22.8	11.4	553	2.72	72.4	9.4	7.9	20	0.1	6.5	0.2	21	0.33	0.057	25
130633	Soil	0.5	28.2	24.9	84	0.1	25.8	11.9	724	2.69	59.8	5.0	8.2	24	0.3	5.1	0.2	21	0.53	0.054	23
130634	Soil	0.9	26.8	25.7	77	0.2	25.5	27.4	1636	2.86	19.3	2.2	7.6	16	0.3	5.3	0.3	24	0.22	0.062	20

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# CERTIFICATE OF ANALYSIS

WHI13000322.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
130605	Soil	14	0.36	101	0.003	<1	1.03	0.004	0.07	<0.1	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
130606	Soil	12	0.32	149	0.003	<1	0.85	0.003	0.06	<0.1	0.04	2.4	<0.1	<0.05	3	<0.5	<0.2
130607	Soil	20	0.30	154	0.018	<1	1.27	0.004	0.04	0.1	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
130608	Soil	15	0.21	123	0.015	<1	0.98	0.004	0.03	0.2	0.03	1.4	0.1	<0.05	5	<0.5	<0.2
130609	Soil	18	0.29	132	0.016	<1	1.03	0.004	0.03	0.1	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
130610	Soil	12	0.28	119	0.005	1	0.79	0.005	0.05	<0.1	0.04	1.8	<0.1	<0.05	2	<0.5	<0.2
130611	Soil	11	0.30	121	0.006	4	0.80	0.005	0.06	<0.1	0.05	1.8	<0.1	0.11	2	<0.5	<0.2
130612	Soil	12	0.31	127	0.005	5	0.87	0.006	0.06	<0.1	0.07	2.2	<0.1	<0.05	2	<0.5	<0.2
130613	Soil	12	0.29	151	0.006	3	0.77	0.006	0.05	<0.1	0.04	1.8	<0.1	<0.05	2	<0.5	<0.2
130614	Soil	18	0.49	165	0.007	4	1.22	0.005	0.05	<0.1	0.08	2.6	<0.1	<0.05	4	<0.5	<0.2
130615	Soil	21	0.77	183	0.005	3	1.64	0.004	0.04	<0.1	0.06	2.2	<0.1	<0.05	4	<0.5	<0.2
130616	Soil	20	0.66	200	0.007	2	1.49	0.004	0.04	<0.1	0.05	2.2	<0.1	<0.05	4	<0.5	<0.2
130617	Soil	18	0.80	178	0.006	3	1.56	0.005	0.04	<0.1	0.06	1.9	<0.1	<0.05	4	<0.5	<0.2
130618	Soil	18	0.42	148	0.012	2	1.06	0.005	0.05	0.1	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
130619	Soil	15	0.40	235	0.007	3	1.16	0.005	0.09	<0.1	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
130620	Soil	12	0.31	160	0.011	3	0.80	0.006	0.06	<0.1	0.03	1.7	<0.1	<0.05	2	<0.5	<0.2
130621	Soil	16	0.35	181	0.014	3	0.96	0.007	0.06	0.1	0.06	2.4	<0.1	<0.05	3	<0.5	<0.2
130622	Soil	14	0.41	150	0.013	1	0.95	0.007	0.09	<0.1	0.06	2.4	<0.1	<0.05	3	<0.5	<0.2
130623	Soil	12	0.38	139	0.011	2	0.88	0.005	0.08	<0.1	0.05	2.1	<0.1	<0.05	2	<0.5	<0.2
130624	Soil	24	1.74	157	0.031	1	1.46	0.006	0.07	<0.1	0.05	3.9	0.2	<0.05	4	<0.5	<0.2
130625	Soil	18	1.22	180	0.022	3	1.26	0.006	0.07	<0.1	0.05	3.0	0.1	0.08	3	<0.5	<0.2
130626	Soil	13	0.63	157	0.011	2	0.93	0.005	0.07	<0.1	0.05	2.2	0.1	<0.05	3	<0.5	<0.2
130627	Soil	15	0.41	139	0.015	2	0.90	0.006	0.06	0.1	0.06	2.1	<0.1	<0.05	2	<0.5	<0.2
130628	Soil	11	0.38	140	0.005	3	0.90	0.005	0.07	0.1	0.06	1.6	<0.1	<0.05	2	0.5	<0.2
130629	Soil	13	0.39	169	0.004	1	1.05	0.004	0.07	<0.1	0.05	1.8	<0.1	<0.05	3	<0.5	<0.2
130630	Soil	16	0.46	140	0.005	<1	1.21	0.004	0.06	<0.1	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
130631	Soil	14	0.30	146	0.013	1	0.81	0.005	0.08	<0.1	0.06	2.1	<0.1	<0.05	2	<0.5	<0.2
130632	Soil	16	0.33	196	0.012	1	0.96	0.005	0.08	0.1	0.06	2.2	<0.1	<0.05	3	<0.5	<0.2
130633	Soil	17	0.35	227	0.011	2	1.09	0.005	0.10	<0.1	0.06	2.4	<0.1	<0.05	3	<0.5	<0.2
130634	Soil	19	0.48	210	0.009	2	1.23	0.005	0.06	0.1	0.06	2.4	<0.1	<0.05	4	0.6	<0.2

# CERTIFICATE OF ANALYSIS

WHI13000322.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
130635	Soil	0.7	22.5	19.8	72	0.1	20.1	11.4	1077	2.32	21.4	4.4	7.4	11	0.1	4.6	0.2	21	0.17	0.054	21
130636	Soil	0.7	23.1	19.7	76	0.1	22.5	11.9	827	2.55	28.5	5.5	6.2	21	0.1	6.0	0.2	23	0.34	0.059	20
130637	Soil	0.4	22.9	12.8	61	<0.1	18.2	6.8	182	1.99	26.5	5.3	8.2	10	0.1	8.5	0.1	18	0.16	0.052	25
130638	Soil	0.7	24.9	22.7	69	0.1	22.2	14.1	834	3.06	28.1	3.7	8.9	23	0.2	9.8	0.3	20	0.47	0.053	22
130639	Soil	0.4	26.9	23.6	71	0.1	25.5	11.6	416	2.43	12.2	4.7	8.2	27	0.2	3.6	0.3	18	0.55	0.054	23
130640	Soil	0.4	29.9	30.4	78	0.1	28.0	12.4	515	2.94	11.8	3.1	10.3	32	0.2	2.6	0.4	17	0.65	0.059	26
130641	Soil	0.5	25.3	23.6	74	0.1	24.5	13.9	535	2.72	12.7	0.6	7.6	38	0.2	4.2	0.9	19	0.64	0.064	19
130678	Soil	0.7	16.6	20.0	71	<0.1	18.2	11.8	524	2.54	22.0	10.5	6.0	33	0.1	8.6	0.4	24	0.56	0.050	15
130679	Soil	0.4	24.5	24.4	58	0.1	19.3	10.9	383	2.37	38.9	6.1	6.5	33	0.1	12.8	0.3	19	0.43	0.041	19
130680	Soil	0.9	21.2	32.6	44	<0.1	17.8	11.5	447	2.77	39.1	2.1	3.2	28	0.2	7.0	0.3	24	0.24	0.069	18
130681	Soil	0.9	23.7	16.7	51	<0.1	19.7	9.0	361	2.49	11.9	1.3	6.3	9	<0.1	1.0	0.2	27	0.05	0.029	21
130682	Soil	0.9	56.7	16.3	81	<0.1	32.5	13.8	526	3.77	16.4	4.7	12.9	12	<0.1	1.6	0.4	19	0.09	0.046	31
130683	Soil	0.8	57.3	44.3	79	0.2	35.5	33.5	849	3.53	62.1	3.2	8.1	14	0.2	2.8	1.0	15	0.17	0.061	31
130684	Soil	0.6	31.7	21.5	78	<0.1	29.9	14.2	470	2.72	41.2	2.6	9.0	11	0.2	5.7	0.5	19	0.14	0.057	29
130685	Soil	0.9	16.3	18.7	49	<0.1	15.1	6.1	195	2.35	24.2	3.4	0.5	9	<0.1	1.4	0.6	32	0.08	0.051	16
130686	Soil	1.0	19.4	18.2	53	<0.1	18.2	6.3	174	2.37	27.6	<0.5	1.7	10	<0.1	1.3	0.5	36	0.11	0.050	19
130687	Soil	0.9	15.1	21.7	50	<0.1	15.3	5.8	155	2.44	41.1	1.9	1.4	7	0.1	1.5	0.4	34	0.06	0.042	20
130688	Soil	0.6	17.8	32.0	44	<0.1	15.4	5.6	176	2.25	167.5	10.7	2.6	7	<0.1	4.3	0.3	25	0.06	0.036	22
130689	Soil	1.1	5.0	15.1	20	<0.1	6.6	2.3	67	1.84	86.4	1.1	1.9	6	<0.1	2.8	0.4	39	0.04	0.022	16
130690	Soil	1.2	6.2	13.5	22	<0.1	6.7	2.4	76	1.82	93.9	20.0	1.8	6	<0.1	3.5	0.8	38	0.05	0.023	17
130691	Soil	0.6	18.3	12.6	56	<0.1	22.4	10.5	354	2.54	207.4	35.1	4.7	13	<0.1	4.1	0.4	33	0.16	0.053	17
130692	Soil	0.7	14.2	14.3	49	<0.1	20.5	7.4	273	2.44	14.3	0.8	1.4	11	<0.1	2.7	0.4	33	0.14	0.044	19
130693	Soil	1.0	15.1	15.6	46	<0.1	19.8	6.9	255	2.16	19.1	1.3	1.1	9	<0.1	3.1	0.3	28	0.11	0.046	22
130694	Soil	1.2	19.5	30.6	59	0.1	28.5	18.2	1177	2.79	63.1	3.9	4.8	18	<0.1	6.3	0.4	32	0.27	0.038	22
130695	Soil	0.9	38.7	17.6	63	<0.1	24.2	10.8	613	2.77	20.7	1.6	6.7	9	<0.1	2.3	0.3	30	0.08	0.040	26
130696	Soil	1.1	31.5	24.8	78	<0.1	30.3	16.3	564	3.10	123.4	19.4	8.5	12	0.2	2.9	0.3	33	0.11	0.064	23
130697	Soil	0.9	33.6	29.1	70	0.1	28.1	13.8	506	3.37	320.3	34.7	5.3	7	0.1	8.2	0.4	26	0.07	0.049	22
130698	Soil	0.6	29.3	9.2	82	<0.1	27.8	11.4	165	4.78	12.5	<0.5	21.4	8	<0.1	0.4	0.3	17	0.09	0.061	41
130699	Soil	1.3	61.1	16.9	86	<0.1	25.4	12.6	649	4.43	14.0	<0.5	9.5	11	<0.1	0.9	0.5	23	0.05	0.051	20
130700	Soil	0.9	47.7	14.6	69	<0.1	19.1	10.0	567	3.50	33.6	0.5	7.3	13	<0.1	0.8	0.4	19	0.09	0.041	29



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Project: MLM2013  
 Report Date: September 03, 2013

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# CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
130635	Soil	16	0.38	163	0.011	2	1.05	0.004	0.05	0.2	0.04	2.0	<0.1	<0.05	3	<0.5	<0.2
130636	Soil	19	0.41	235	0.011	<1	1.16	0.005	0.07	0.2	0.04	2.3	<0.1	<0.05	4	<0.5	<0.2
130637	Soil	15	0.35	126	0.016	1	0.90	0.004	0.05	0.1	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
130638	Soil	16	0.38	144	0.009	1	1.02	0.005	0.05	<0.1	0.05	2.5	<0.1	<0.05	3	<0.5	<0.2
130639	Soil	16	0.40	134	0.008	2	1.04	0.005	0.05	<0.1	0.05	2.2	<0.1	<0.05	3	<0.5	<0.2
130640	Soil	17	0.46	100	0.007	1	1.11	0.005	0.05	<0.1	0.04	2.5	<0.1	<0.05	3	<0.5	<0.2
130641	Soil	18	0.49	96	0.009	1	1.04	0.005	0.04	0.1	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
130678	Soil	18	0.42	110	0.016	<1	0.94	0.007	0.04	0.2	0.06	2.4	<0.1	<0.05	3	<0.5	<0.2
130679	Soil	13	0.29	138	0.015	2	0.80	0.006	0.08	0.1	0.05	2.0	<0.1	<0.05	3	<0.5	<0.2
130680	Soil	16	0.21	125	0.009	1	1.00	0.005	0.06	0.1	0.05	2.5	<0.1	<0.05	3	<0.5	<0.2
130681	Soil	17	0.33	95	0.008	1	1.14	0.006	0.05	<0.1	0.04	1.6	<0.1	<0.05	4	<0.5	<0.2
130682	Soil	23	0.61	113	0.005	<1	1.52	0.005	0.04	<0.1	0.03	2.1	<0.1	<0.05	5	0.6	<0.2
130683	Soil	17	0.60	126	0.002	5	1.56	0.004	0.04	<0.1	0.05	1.5	<0.1	<0.05	4	<0.5	<0.2
130684	Soil	15	0.42	95	0.009	5	1.04	0.004	0.03	<0.1	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
130685	Soil	19	0.36	125	0.008	3	1.19	0.005	0.04	0.1	0.06	0.7	0.1	<0.05	4	<0.5	<0.2
130686	Soil	22	0.34	118	0.015	3	1.24	0.004	0.04	0.2	0.05	1.6	<0.1	<0.05	4	<0.5	<0.2
130687	Soil	20	0.34	136	0.011	4	1.28	0.004	0.04	0.1	0.05	1.2	0.1	<0.05	4	0.6	<0.2
130688	Soil	16	0.25	81	0.012	3	0.94	0.004	0.04	<0.1	0.03	1.4	<0.1	0.09	3	<0.5	<0.2
130689	Soil	14	0.13	66	0.019	3	0.97	0.003	0.03	0.1	0.03	1.3	0.1	<0.05	5	<0.5	<0.2
130690	Soil	14	0.13	64	0.018	2	0.95	0.003	0.03	0.2	<0.01	1.1	0.1	<0.05	5	<0.5	<0.2
130691	Soil	21	0.41	138	0.018	2	1.44	0.005	0.04	0.2	0.03	2.6	<0.1	<0.05	4	<0.5	<0.2
130692	Soil	20	0.31	139	0.010	3	1.26	0.004	0.03	<0.1	0.02	1.3	0.1	<0.05	4	<0.5	<0.2
130693	Soil	17	0.25	88	0.010	2	0.91	0.004	0.04	0.1	0.05	0.8	<0.1	<0.05	4	<0.5	<0.2
130694	Soil	21	0.33	173	0.011	2	1.35	0.005	0.05	0.1	0.03	2.2	0.1	<0.05	4	0.7	<0.2
130695	Soil	20	0.39	152	0.022	<1	1.18	0.005	0.04	0.1	0.03	2.9	<0.1	<0.05	4	<0.5	<0.2
130696	Soil	22	0.49	117	0.020	2	1.35	0.005	0.04	0.1	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
130697	Soil	16	0.25	67	0.010	<1	0.94	0.004	0.04	0.1	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
130698	Soil	24	1.01	36	0.005	<1	1.98	0.003	0.03	<0.1	0.02	1.4	<0.1	<0.05	6	<0.5	<0.2
130699	Soil	25	0.65	162	0.005	<1	1.82	0.013	0.09	<0.1	0.04	2.6	<0.1	0.11	5	0.9	<0.2
130700	Soil	21	0.48	95	0.003	<1	1.36	0.006	0.04	<0.1	0.04	1.7	<0.1	0.06	4	0.7	<0.2





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Project: MLM2013  
 Report Date: September 03, 2013

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# CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
130701	Soil	0.8	12.4	22.1	38	<0.1	9.3	5.0	186	1.96	15.5	<0.5	1.4	6	0.1	1.9	0.4	28	0.04	0.043	19
130702	Soil	0.7	26.8	25.9	53	<0.1	16.5	10.0	379	2.67	61.4	<0.5	6.3	25	0.1	5.9	0.3	18	0.09	0.043	24
130703	Soil	0.5	20.0	18.8	47	<0.1	16.5	8.0	159	2.33	29.4	1.0	5.4	9	<0.1	7.3	0.3	19	0.06	0.027	21
130704	Soil	0.6	18.5	17.8	60	<0.1	19.5	11.8	282	2.38	40.7	1.6	7.3	16	<0.1	7.3	0.3	17	0.18	0.047	23
130705	Soil	0.6	30.2	30.2	88	0.1	37.2	17.7	631	3.23	17.3	<0.5	12.9	23	0.2	4.1	0.4	19	0.36	0.062	30
130706	Soil	0.6	35.4	22.3	77	0.2	31.5	13.1	595	2.83	20.1	3.6	8.8	34	0.2	5.8	0.3	16	0.63	0.060	23
130707	Soil	0.3	31.7	21.9	74	0.1	26.3	11.4	585	2.81	29.5	4.5	7.2	40	0.2	7.3	0.3	14	1.01	0.056	20
130708	Soil	0.6	43.3	23.4	75	0.2	37.4	15.2	1631	3.21	20.7	5.4	8.7	32	0.3	7.3	0.4	17	0.75	0.061	22
130709	Soil	0.5	32.9	19.4	71	<0.1	26.3	11.9	507	2.51	61.4	19.2	7.8	22	0.2	2.2	0.3	18	0.47	0.046	19
130710	Soil	0.9	32.6	16.8	71	<0.1	25.2	12.7	948	2.96	58.0	11.0	8.3	18	0.1	1.6	0.3	18	0.35	0.053	21
130711	Soil	0.6	40.5	19.9	77	<0.1	28.4	15.3	991	2.95	63.9	10.8	9.3	37	0.1	13.2	0.5	18	0.74	0.053	31
130712	Soil	1.1	44.1	22.0	82	0.1	31.2	16.8	1219	3.18	77.2	19.8	8.8	36	0.2	16.0	0.5	20	0.73	0.060	32
130713	Soil	0.8	47.9	21.9	87	<0.1	34.9	18.3	1433	3.27	49.2	16.8	12.1	33	0.2	6.2	0.4	17	0.63	0.063	36
130714	Soil	0.6	38.4	25.8	72	<0.1	29.9	14.0	607	2.87	36.2	5.7	11.2	34	0.1	1.9	0.4	13	0.64	0.056	33
130715	Soil	0.6	31.9	26.0	74	<0.1	31.3	15.9	756	2.93	24.5	2.7	13.3	31	0.1	1.4	0.4	14	0.60	0.057	33
130716	Soil	0.6	33.2	18.0	61	0.1	26.2	12.2	460	2.52	97.8	33.2	7.2	46	0.2	3.4	0.3	16	0.93	0.057	23
130717	Soil	0.4	31.0	56.8	66	0.1	28.0	12.9	523	2.84	55.8	18.3	9.8	35	0.1	3.1	0.3	14	0.72	0.057	27
130718	Soil	0.5	34.3	27.4	65	0.2	30.3	12.8	437	3.04	31.6	6.8	9.1	43	<0.1	1.8	0.4	13	0.78	0.052	29
130719	Soil	0.6	38.8	23.0	85	0.1	39.4	17.2	481	3.49	26.4	8.8	9.9	36	0.1	1.4	0.4	17	0.52	0.069	28
130720	Soil	0.5	38.5	27.8	77	0.1	39.1	17.5	593	3.43	25.3	4.4	13.0	40	<0.1	0.7	0.4	13	0.56	0.066	32
130721	Soil	1.2	48.7	34.7	83	<0.1	37.0	16.5	830	3.41	10.6	2.2	10.2	35	<0.1	0.6	0.6	20	0.43	0.063	41
130722	Soil	1.2	61.3	28.6	84	<0.1	36.4	15.7	793	3.26	16.2	3.4	12.5	13	<0.1	0.8	0.6	22	0.13	0.060	34
130723	Soil	1.3	12.5	12.0	35	<0.1	11.7	5.0	160	2.30	8.6	1.2	4.1	7	<0.1	0.6	0.2	49	0.04	0.028	15
130724	Soil	0.8	41.5	10.4	68	<0.1	25.7	17.4	496	3.35	2.6	<0.5	13.7	9	<0.1	0.3	0.4	27	0.02	0.032	46
130725	Soil	1.7	12.2	15.0	47	<0.1	13.3	6.5	248	2.81	13.2	1.4	1.3	9	0.1	0.8	0.2	55	0.07	0.038	14
130726	Soil	1.2	56.8	19.3	81	<0.1	29.9	16.0	817	2.88	3.2	1.4	18.4	10	<0.1	0.4	0.5	25	0.05	0.033	46
130727	Soil	1.5	34.6	17.1	58	0.1	21.2	11.4	549	2.42	5.7	1.9	6.8	8	<0.1	0.5	0.4	33	0.05	0.045	40
130728	Soil	1.1	22.8	13.2	55	<0.1	23.3	10.2	389	2.54	11.9	2.0	6.5	10	0.2	1.0	0.2	43	0.07	0.030	19
130729	Soil	1.4	21.2	21.7	67	<0.1	21.3	16.6	887	2.94	36.6	7.6	4.4	13	<0.1	1.1	0.3	39	0.14	0.063	19
130730	Soil	0.6	24.5	30.6	57	0.1	28.2	11.8	802	3.10	49.6	4.5	7.8	41	0.1	1.7	0.3	19	0.63	0.068	21

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Project: MLM2013  
 Report Date: September 03, 2013

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# CERTIFICATE OF ANALYSIS

WHI13000322.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
130701	Soil	12	0.16	72	0.009	1	0.88	0.004	0.06	0.1	0.01	0.9	0.1	<0.05	4	<0.5	<0.2
130702	Soil	12	0.20	93	0.013	<1	0.81	0.004	0.13	<0.1	0.03	1.3	0.1	<0.05	3	<0.5	<0.2
130703	Soil	13	0.17	89	0.011	<1	0.68	0.004	0.07	0.1	0.03	1.5	<0.1	0.05	2	<0.5	<0.2
130704	Soil	13	0.33	87	0.008	<1	0.86	0.004	0.05	<0.1	0.01	1.2	<0.1	0.10	3	<0.5	<0.2
130705	Soil	18	0.49	105	0.009	<1	1.23	0.006	0.08	<0.1	0.01	2.3	<0.1	0.06	4	<0.5	<0.2
130706	Soil	16	0.40	106	0.010	<1	0.92	0.006	0.07	0.1	0.05	2.5	<0.1	<0.05	3	<0.5	<0.2
130707	Soil	15	0.35	118	0.009	<1	0.83	0.005	0.07	<0.1	0.07	2.3	<0.1	0.05	2	0.7	<0.2
130708	Soil	16	0.38	186	0.007	2	1.02	0.005	0.07	<0.1	0.07	2.6	<0.1	0.06	3	0.6	<0.2
130709	Soil	16	0.36	178	0.006	<1	1.02	0.005	0.05	<0.1	0.07	2.2	<0.1	<0.05	3	<0.5	<0.2
130710	Soil	16	0.39	126	0.008	<1	1.06	0.005	0.04	<0.1	0.02	2.3	<0.1	0.10	3	<0.5	<0.2
130711	Soil	15	0.42	184	0.006	1	1.14	0.005	0.05	<0.1	0.05	2.3	<0.1	<0.05	3	<0.5	<0.2
130712	Soil	18	0.42	198	0.006	1	1.17	0.006	0.05	<0.1	0.04	2.5	<0.1	<0.05	3	<0.5	<0.2
130713	Soil	16	0.45	173	0.006	<1	1.14	0.005	0.05	<0.1	0.05	2.2	<0.1	<0.05	4	<0.5	<0.2
130714	Soil	15	0.45	105	0.007	<1	1.02	0.005	0.05	<0.1	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
130715	Soil	14	0.45	92	0.007	<1	1.00	0.004	0.04	<0.1	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
130716	Soil	12	0.29	128	0.008	<1	0.74	0.006	0.04	<0.1	0.06	1.8	<0.1	<0.05	2	<0.5	<0.2
130717	Soil	14	0.36	93	0.006	<1	0.96	0.005	0.06	<0.1	0.05	2.0	<0.1	0.08	3	<0.5	<0.2
130718	Soil	14	0.38	77	0.005	<1	0.98	0.005	0.07	<0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
130719	Soil	16	0.43	73	0.012	1	1.02	0.006	0.06	0.2	0.04	2.2	<0.1	<0.05	3	<0.5	<0.2
130720	Soil	15	0.47	59	0.009	2	1.02	0.006	0.06	0.1	0.04	2.5	<0.1	<0.05	3	0.5	<0.2
130721	Soil	19	0.45	143	0.009	<1	1.25	0.005	0.05	0.1	0.05	2.4	<0.1	<0.05	3	0.6	<0.2
130722	Soil	19	0.45	145	0.010	2	1.22	0.005	0.04	0.1	0.04	2.8	<0.1	<0.05	3	<0.5	<0.2
130723	Soil	19	0.21	82	0.018	<1	1.36	0.005	0.04	0.2	0.02	1.8	<0.1	<0.05	5	<0.5	<0.2
130724	Soil	18	0.37	55	0.017	<1	1.15	0.004	0.04	<0.1	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
130725	Soil	28	0.38	106	0.025	1	1.69	0.005	0.04	0.2	0.04	2.6	0.2	<0.05	6	0.5	<0.2
130726	Soil	19	0.51	95	0.015	<1	1.32	0.004	0.04	<0.1	0.02	2.2	<0.1	<0.05	4	<0.5	<0.2
130727	Soil	17	0.38	74	0.018	1	1.07	0.004	0.04	0.1	0.05	1.7	<0.1	<0.05	4	<0.5	<0.2
130728	Soil	25	0.41	160	0.033	<1	1.52	0.006	0.05	0.2	0.04	3.2	<0.1	<0.05	4	<0.5	<0.2
130729	Soil	21	0.39	100	0.019	<1	1.40	0.005	0.06	0.2	0.05	2.4	<0.1	<0.05	5	<0.5	<0.2
130730	Soil	14	0.28	95	0.011	2	0.96	0.005	0.06	<0.1	0.05	2.8	<0.1	<0.05	3	<0.5	<0.2

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# CERTIFICATE OF ANALYSIS

WHI13000322.1

Method Analyte	Unit	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
MDL		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
130731	Soil	0.6	27.2	32.1	67	0.1	30.4	11.9	442	3.14	59.6	6.7	9.4	46	<0.1	1.5	0.3	13	0.68	0.068	30
130732	Soil	0.7	39.8	27.5	86	0.1	42.7	18.7	662	3.98	20.6	4.1	15.6	23	0.1	0.9	0.4	13	0.21	0.053	44
130733	Soil	0.5	33.1	26.4	71	0.1	35.1	15.3	939	2.96	34.1	8.4	10.1	30	0.2	2.2	0.4	12	0.51	0.062	31
130734	Soil	0.4	37.5	23.4	81	0.1	30.1	13.3	359	2.66	22.5	7.5	7.8	36	0.2	1.7	0.3	19	0.61	0.059	27
130735	Soil	0.4	31.6	22.5	72	0.2	25.1	11.7	456	2.56	44.2	8.8	6.6	36	0.2	2.0	0.3	16	0.68	0.055	21
130736	Soil	0.5	38.2	16.6	74	0.1	28.1	12.5	451	3.15	99.0	32.8	8.5	22	0.1	4.2	0.3	17	0.36	0.053	25
130737	Soil	0.6	35.0	19.4	77	0.1	27.1	14.4	665	2.95	55.8	15.1	7.5	23	0.1	2.3	0.3	20	0.37	0.048	21
130738	Soil	1.0	27.8	12.1	73	<0.1	29.5	14.9	697	2.85	23.2	6.2	10.6	21	<0.1	1.3	0.3	23	0.31	0.041	24
130739	Soil	0.7	38.9	17.9	76	0.1	32.9	14.6	614	3.05	31.9	6.3	10.8	28	<0.1	2.3	0.3	17	0.44	0.054	22
130740	Soil	0.7	40.0	16.7	80	<0.1	33.1	14.4	603	3.16	29.3	8.5	10.9	23	<0.1	1.8	0.3	18	0.37	0.052	22
130741	Soil	0.6	21.5	23.1	61	<0.1	26.2	13.8	559	3.73	57.0	4.3	8.3	5	<0.1	2.1	0.3	16	0.03	0.027	27
130742	Soil	0.7	37.0	21.2	82	0.1	38.0	16.8	481	3.30	34.6	11.7	12.5	21	<0.1	2.7	0.3	10	0.26	0.058	24
130743	Soil	0.5	28.5	15.6	63	<0.1	24.9	11.3	489	2.69	37.5	11.0	9.0	32	<0.1	1.8	0.3	15	0.56	0.047	19
130744	Soil	0.8	27.9	21.1	84	0.1	27.0	16.6	868	2.64	30.4	6.1	6.1	57	0.2	15.2	0.2	16	0.89	0.060	14
130745	Soil	0.5	30.5	27.6	72	0.1	27.2	14.6	467	2.58	35.3	200.7	7.7	49	<0.1	8.4	0.3	13	0.79	0.053	17
130746	Soil	0.6	27.3	29.0	89	<0.1	31.7	16.0	442	3.61	15.1	1.8	16.0	32	<0.1	2.6	0.4	12	0.50	0.042	22
130747	Soil	0.8	13.0	17.6	46	<0.1	19.0	7.4	217	2.40	24.4	2.3	5.4	12	<0.1	2.7	0.1	42	0.14	0.030	16
130748	Soil	0.6	21.6	13.1	52	<0.1	22.1	9.9	369	2.53	28.5	3.5	7.1	10	0.2	7.6	0.1	29	0.12	0.048	17
130749	Soil	1.5	20.2	15.1	57	0.1	18.7	11.1	325	2.99	19.2	2.9	6.5	9	<0.1	2.4	0.2	55	0.06	0.024	15
130750	Soil	1.2	18.1	15.6	54	<0.1	22.4	10.6	289	2.75	22.7	2.0	6.4	9	0.1	2.9	0.2	40	0.07	0.021	17
130751	Soil	1.0	31.6	16.4	63	<0.1	25.9	13.8	385	2.95	21.6	3.1	8.3	7	<0.1	3.8	0.2	36	0.05	0.027	22
130752	Soil	0.8	16.4	11.9	43	<0.1	15.1	5.8	180	2.35	25.1	4.5	8.4	4	<0.1	4.5	0.1	18	0.02	0.020	25
130753	Soil	0.9	22.3	16.2	53	<0.1	20.5	9.7	263	2.90	37.1	3.8	9.9	6	0.1	5.5	0.2	29	0.03	0.017	26
130754	Soil	0.7	24.7	15.1	62	<0.1	21.6	10.1	336	2.91	23.6	1.4	8.4	4	<0.1	4.6	0.2	17	0.02	0.021	32
130755	Soil	0.5	24.8	13.1	60	<0.1	21.6	8.9	284	2.63	18.4	10.1	7.1	8	<0.1	4.2	0.7	21	0.10	0.034	24
130756	Soil	0.6	17.4	10.6	51	<0.1	18.6	7.7	256	2.11	17.3	4.2	6.6	11	<0.1	4.5	0.6	19	0.19	0.046	20
130757	Soil	0.5	22.2	11.8	50	0.1	19.7	7.8	288	2.21	16.8	4.9	5.5	24	0.1	2.3	0.5	21	0.49	0.049	15
130758	Soil	0.6	19.9	11.2	58	<0.1	21.1	9.0	352	2.35	15.9	4.1	6.0	15	0.1	1.6	0.3	24	0.24	0.042	16
130759	Soil	0.6	22.4	14.8	51	0.1	19.5	8.1	407	2.10	17.6	5.8	6.0	22	0.2	1.5	0.4	19	0.43	0.044	18
130760	Soil	0.4	20.6	11.5	60	0.1	19.5	8.9	391	2.27	16.8	1.5	5.6	16	0.1	1.8	0.8	23	0.27	0.053	18



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Project: MLM2013  
 Report Date: September 03, 2013

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# CERTIFICATE OF ANALYSIS

WHI13000322.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
130731	Soil	14	0.36	73	0.007	2	0.96	0.006	0.07	<0.1	0.04	2.5	<0.1	<0.05	3	<0.5	<0.2
130732	Soil	18	0.53	61	0.007	<1	1.11	0.006	0.07	<0.1	0.03	2.6	<0.1	<0.05	3	<0.5	<0.2
130733	Soil	13	0.41	71	0.008	1	0.87	0.005	0.05	<0.1	0.02	2.6	<0.1	<0.05	3	<0.5	<0.2
130734	Soil	17	0.44	101	0.011	<1	1.06	0.006	0.05	0.1	0.04	3.2	<0.1	<0.05	3	<0.5	<0.2
130735	Soil	15	0.35	123	0.010	2	0.85	0.006	0.05	0.1	0.05	2.5	<0.1	<0.05	2	0.7	<0.2
130736	Soil	15	0.30	116	0.012	2	0.78	0.006	0.05	0.2	0.05	3.1	<0.1	<0.05	2	<0.5	<0.2
130737	Soil	16	0.36	166	0.011	1	0.96	0.006	0.05	0.1	0.06	2.9	<0.1	<0.05	3	<0.5	<0.2
130738	Soil	21	0.49	129	0.015	<1	1.11	0.007	0.04	<0.1	0.03	2.8	<0.1	<0.05	3	<0.5	<0.2
130739	Soil	17	0.43	136	0.008	2	1.06	0.006	0.06	<0.1	0.04	2.7	<0.1	<0.05	3	<0.5	<0.2
130740	Soil	18	0.44	136	0.008	1	1.13	0.005	0.06	0.1	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
130741	Soil	18	0.30	58	0.005	<1	1.10	0.007	0.06	<0.1	<0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
130742	Soil	12	0.31	97	0.007	<1	0.74	0.006	0.05	<0.1	0.02	2.4	<0.1	<0.05	2	<0.5	<0.2
130743	Soil	14	0.39	157	0.005	1	1.03	0.005	0.06	<0.1	0.02	2.5	<0.1	<0.05	3	<0.5	<0.2
130744	Soil	16	0.40	146	0.007	2	1.02	0.006	0.07	<0.1	0.04	2.4	<0.1	<0.05	3	0.6	<0.2
130745	Soil	13	0.38	98	0.007	1	0.90	0.005	0.09	<0.1	0.05	2.4	<0.1	<0.05	2	<0.5	<0.2
130746	Soil	14	0.44	58	0.006	<1	0.93	0.006	0.08	<0.1	0.02	2.4	<0.1	<0.05	3	<0.5	<0.2
130747	Soil	21	0.32	217	0.017	1	1.34	0.007	0.04	0.2	0.03	2.5	<0.1	<0.05	4	<0.5	<0.2
130748	Soil	17	0.35	113	0.027	<1	1.14	0.006	0.06	0.2	0.01	2.7	<0.1	<0.05	4	<0.5	<0.2
130749	Soil	28	0.38	280	0.018	<1	1.98	0.007	0.04	0.2	0.03	3.5	0.1	<0.05	5	<0.5	<0.2
130750	Soil	26	0.40	157	0.022	<1	1.72	0.006	0.06	0.2	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
130751	Soil	24	0.43	206	0.026	<1	1.56	0.006	0.06	0.2	0.05	5.0	<0.1	<0.05	4	<0.5	<0.2
130752	Soil	13	0.32	59	0.007	<1	1.01	0.003	0.05	<0.1	<0.01	1.5	<0.1	<0.05	3	<0.5	<0.2
130753	Soil	19	0.38	135	0.013	1	1.43	0.005	0.06	0.1	0.03	3.1	<0.1	<0.05	4	<0.5	<0.2
130754	Soil	15	0.44	111	0.009	<1	1.24	0.006	0.07	<0.1	0.02	2.4	<0.1	<0.05	3	<0.5	<0.2
130755	Soil	18	0.40	148	0.006	3	1.10	0.004	0.03	<0.1	0.04	1.9	<0.1	<0.05	4	0.7	<0.2
130756	Soil	16	0.40	148	0.011	3	0.97	0.004	0.03	<0.1	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
130757	Soil	17	0.34	211	0.010	2	0.96	0.005	0.04	0.2	0.06	2.1	<0.1	<0.05	3	<0.5	<0.2
130758	Soil	19	0.38	169	0.011	2	1.05	0.005	0.04	0.1	0.05	2.1	<0.1	<0.05	3	<0.5	<0.2
130759	Soil	15	0.36	184	0.012	2	0.97	0.006	0.04	0.1	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
130760	Soil	17	0.38	194	0.012	<1	1.05	0.005	0.04	0.1	0.01	2.0	0.1	<0.05	3	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: MLM2013  
 Report Date: September 03, 2013

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# CERTIFICATE OF ANALYSIS

WHI13000322.1

	Method	1DX15																				
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01	0.001	1
130761	Soil	0.6	27.3	17.8	64	<0.1	24.2	10.4	387	2.65	31.3	6.1	9.5	15	<0.1	8.1	0.4	16	0.28	0.049	24	
130762	Soil	0.6	18.7	11.9	62	<0.1	17.2	9.2	454	2.31	24.9	3.2	6.2	21	0.2	5.2	0.4	20	0.40	0.045	17	
130763	Soil	0.6	20.9	13.0	59	<0.1	19.1	8.5	269	2.30	25.9	3.5	6.6	19	0.1	6.7	0.3	19	0.33	0.053	19	
130764	Soil	0.6	26.7	17.5	65	0.2	24.6	12.0	741	2.80	27.0	5.8	5.3	28	0.1	6.2	0.3	20	0.50	0.081	21	
130765	Soil	0.5	21.5	12.3	57	<0.1	19.2	8.9	283	2.37	28.3	4.2	4.8	13	0.1	10.0	0.2	14	0.18	0.054	18	
130766	Soil	0.5	24.3	17.6	59	<0.1	22.2	12.5	580	2.61	29.0	5.1	8.7	12	<0.1	7.5	0.2	16	0.17	0.043	25	
130767	Soil	0.6	25.4	17.1	61	<0.1	23.1	11.0	403	2.78	32.2	5.8	7.5	11	<0.1	9.9	0.3	19	0.14	0.041	27	
130768	Soil	0.7	19.8	11.7	55	<0.1	19.3	7.7	216	2.26	31.6	5.0	8.5	13	<0.1	14.6	0.1	17	0.15	0.040	26	
130769	Soil	1.0	36.8	20.6	64	<0.1	28.0	12.1	463	3.09	60.1	4.6	10.7	9	<0.1	31.2	0.3	11	0.15	0.027	27	
130770	Soil	0.9	39.2	15.2	70	<0.1	30.6	11.9	349	3.51	60.8	8.8	11.4	13	<0.1	39.9	0.2	10	0.32	0.026	27	
130771	Soil	0.8	33.3	15.4	61	<0.1	23.3	11.1	427	2.71	53.9	6.1	10.9	7	<0.1	25.0	0.2	11	0.09	0.023	30	
130772	Soil	1.1	17.1	14.1	44	<0.1	16.1	7.9	182	2.59	105.7	19.2	6.8	6	<0.1	6.2	0.2	35	0.05	0.023	20	
130773	Soil	0.8	6.3	12.0	26	<0.1	7.4	3.2	94	1.86	34.6	5.2	5.3	7	<0.1	6.3	0.2	37	0.07	0.029	20	
130774	Soil	0.7	39.5	41.3	92	0.1	41.6	20.2	1646	5.60	41.6	5.9	8.8	48	0.2	17.2	0.5	17	1.41	0.071	23	
130775	Soil	0.9	27.7	26.6	57	<0.1	20.4	9.9	338	2.79	303.0	68.5	7.7	21	0.2	39.4	0.3	13	0.29	0.035	25	
130776	Soil	1.5	28.1	18.2	56	0.2	19.5	8.8	271	3.60	76.2	8.5	4.5	6	0.1	83.3	0.3	40	0.04	0.041	18	
130777	Soil	0.4	32.0	24.0	91	0.1	24.1	13.5	955	2.83	29.8	3.4	4.1	62	0.3	9.7	0.6	12	1.99	0.077	8	

# CERTIFICATE OF ANALYSIS

WHI13000322.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
130761	Soil	14	0.38	125	0.008	1	0.95	0.005	0.04	<0.1	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
130762	Soil	15	0.35	142	0.010	<1	0.93	0.005	0.04	<0.1	0.02	1.8	<0.1	0.06	3	<0.5	<0.2
130763	Soil	15	0.39	165	0.008	<1	1.00	0.005	0.04	0.1	0.04	1.7	<0.1	0.06	3	<0.5	<0.2
130764	Soil	17	0.43	277	0.005	1	1.34	0.006	0.07	<0.1	0.08	2.8	<0.1	0.06	4	1.5	<0.2
130765	Soil	13	0.32	116	0.003	<1	0.92	0.004	0.07	<0.1	0.04	1.4	<0.1	0.08	3	<0.5	<0.2
130766	Soil	16	0.38	151	0.005	<1	1.07	0.004	0.05	<0.1	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
130767	Soil	16	0.39	158	0.005	<1	1.10	0.004	0.04	<0.1	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
130768	Soil	14	0.35	111	0.012	<1	0.90	0.005	0.04	<0.1	<0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
130769	Soil	13	0.30	107	0.003	<1	0.92	0.003	0.05	<0.1	0.04	2.0	<0.1	<0.05	3	<0.5	<0.2
130770	Soil	13	0.31	92	0.002	<1	0.90	0.004	0.09	<0.1	0.02	2.4	<0.1	<0.05	3	<0.5	<0.2
130771	Soil	11	0.30	95	0.004	<1	0.82	0.004	0.05	<0.1	0.02	2.0	<0.1	<0.05	2	<0.5	<0.2
130772	Soil	20	0.30	122	0.014	<1	1.39	0.004	0.03	0.2	0.04	2.4	<0.1	<0.05	4	0.6	<0.2
130773	Soil	17	0.20	91	0.013	<1	1.03	0.004	0.03	0.2	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
130774	Soil	11	0.19	148	0.007	<1	0.58	0.004	0.03	<0.1	0.02	4.1	<0.1	0.09	2	0.7	<0.2
130775	Soil	10	0.15	104	0.003	<1	0.58	0.004	0.07	<0.1	0.02	1.5	<0.1	<0.05	2	<0.5	<0.2
130776	Soil	20	0.20	89	0.013	<1	1.16	0.005	0.04	0.1	0.02	1.8	<0.1	<0.05	4	0.9	<0.2
130777	Soil	10	0.28	124	0.005	<1	0.60	0.005	0.05	<0.1	0.04	2.0	<0.1	<0.05	2	0.5	<0.2



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Project: MLM2013  
 Report Date: September 03, 2013

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# QUALITY CONTROL REPORT

WHI13000322.1

Method	Analyte	Unit	MDL	1DX15 Mo ppm	1DX15 Cu ppm	1DX15 Pb ppm	1DX15 Zn ppm	1DX15 Ag ppm	1DX15 Ni ppm	1DX15 Co ppm	1DX15 Mn ppm	1DX15 Fe %	1DX15 As ppm	1DX15 Au ppb	1DX15 Th ppm	1DX15 Sr ppm	1DX15 Cd ppm	1DX15 Sb ppm	1DX15 Bi ppm	1DX15 V ppm	1DX15 Ca %	1DX15 P %	1DX15 La ppm
Pulp Duplicates																							
130604	Soil			0.4	29.9	20.3	54	<0.1	27.6	12.6	417	2.54	23.3	3.4	10.2	19	<0.1	6.4	0.3	12	0.26	0.029	22
REP 130604	QC			0.5	26.7	21.1	47	<0.1	24.6	11.6	382	2.41	22.8	5.5	11.0	17	0.1	6.6	0.3	11	0.27	0.031	23
130605	Soil			0.9	24.3	26.6	78	<0.1	29.6	16.6	968	3.15	230.2	6.4	11.6	39	0.2	115.8	0.4	12	0.70	0.037	21
REP 130605	QC			0.8	22.8	27.0	73	<0.1	27.0	15.3	932	3.00	222.3	3.9	11.6	37	0.2	114.9	0.4	11	0.69	0.034	22
130640	Soil			0.4	29.9	30.4	78	0.1	28.0	12.4	515	2.94	11.8	3.1	10.3	32	0.2	2.6	0.4	17	0.65	0.059	26
REP 130640	QC			0.5	27.7	28.0	72	0.1	26.0	12.1	509	2.84	10.9	3.1	9.3	30	0.1	2.3	0.4	17	0.67	0.058	24
130641	Soil			0.5	25.3	23.6	74	0.1	24.5	13.9	535	2.72	12.7	0.6	7.6	38	0.2	4.2	0.9	19	0.64	0.064	19
REP 130641	QC			0.8	25.1	24.2	75	0.1	25.1	13.6	534	2.73	12.7	2.2	8.4	33	0.2	4.2	0.4	19	0.63	0.065	19
130712	Soil			1.1	44.1	22.0	82	0.1	31.2	16.8	1219	3.18	77.2	19.8	8.8	36	0.2	16.0	0.5	20	0.73	0.060	32
REP 130712	QC			0.8	42.5	19.8	82	0.1	31.3	16.0	1165	3.09	75.8	13.3	8.3	35	0.2	15.6	0.4	20	0.73	0.057	32
130713	Soil			0.8	47.9	21.9	87	<0.1	34.9	18.3	1433	3.27	49.2	16.8	12.1	33	0.2	6.2	0.4	17	0.63	0.063	36
REP 130713	QC			0.7	46.5	20.9	85	<0.1	34.2	17.7	1345	3.07	50.4	8.0	11.0	32	0.2	5.8	0.4	16	0.58	0.054	34
130748	Soil			0.6	21.6	13.1	52	<0.1	22.1	9.9	369	2.53	28.5	3.5	7.1	10	0.2	7.6	0.1	29	0.12	0.048	17
REP 130748	QC			0.7	22.2	13.5	55	<0.1	22.7	9.5	375	2.57	28.9	4.3	7.3	11	<0.1	7.8	0.1	30	0.11	0.049	19
130749	Soil			1.5	20.2	15.1	57	0.1	18.7	11.1	325	2.99	19.2	2.9	6.5	9	<0.1	2.4	0.2	55	0.06	0.024	15
REP 130749	QC			1.4	20.5	16.6	58	<0.1	18.6	11.5	333	3.11	20.0	5.8	6.6	9	0.1	2.4	0.2	56	0.06	0.024	16
130777	Soil			0.4	32.0	24.0	91	0.1	24.1	13.5	955	2.83	29.8	3.4	4.1	62	0.3	9.7	0.6	12	1.99	0.077	8
REP 130777	QC			0.5	31.0	23.8	93	0.1	23.9	13.3	908	2.77	29.0	4.4	4.6	55	0.2	9.9	0.5	12	1.80	0.078	10
Reference Materials																							
STD DS9	Standard			12.2	101.1	121.1	304	1.6	37.6	7.5	547	2.19	24.5	117.1	6.1	71	2.1	5.9	5.9	40	0.65	0.081	13
STD DS9	Standard			14.0	105.7	135.5	315	1.9	39.0	7.4	571	2.29	28.3	107.4	6.6	68	2.4	5.6	5.6	40	0.70	0.084	14
STD DS9	Standard			12.8	102.8	132.3	297	1.7	37.3	7.3	555	2.19	24.8	117.0	6.2	55	2.4	5.3	4.8	39	0.68	0.078	13
STD DS9	Standard			13.7	101.1	132.8	295	1.9	37.1	7.2	551	2.18	25.2	103.7	6.4	60	2.4	5.4	5.0	41	0.69	0.075	13
STD DS9	Standard			13.4	117.3	124.0	326	1.9	41.1	8.3	610	2.45	25.4	117.9	6.6	62	2.3	5.6	5.4	46	0.76	0.082	13
STD DS9 Expected				12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819	13.3
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	0.7	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1



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Part: 2 of 2

# QUALITY CONTROL REPORT

WHI13000322.1

Method	Analyte	Unit	MDL	1DX15 Cr ppm	1DX15 Mg %	1DX15 Ba ppm	1DX15 Ti %	1DX15 B ppm	1DX15 Al %	1DX15 Na %	1DX15 K %	1DX15 W ppm	1DX15 Hg ppm	1DX15 Sc ppm	1DX15 Tl ppm	1DX15 S %	1DX15 Ga ppm	1DX15 Se ppm	1DX15 Te ppm
Pulp Duplicates																			
130604	Soil			11	0.23	92	0.004	<1	0.68	0.003	0.07	<0.1	0.04	1.8	<0.1	<0.05	2	<0.5	<0.2
REP 130604	QC			10	0.23	94	0.004	<1	0.73	0.003	0.06	<0.1	0.04	1.9	<0.1	0.07	2	<0.5	<0.2
130605	Soil			14	0.36	101	0.003	<1	1.03	0.004	0.07	<0.1	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
REP 130605	QC			13	0.35	103	0.003	<1	0.98	0.004	0.07	<0.1	0.04	1.6	<0.1	<0.05	3	<0.5	<0.2
130640	Soil			17	0.46	100	0.007	1	1.11	0.005	0.05	<0.1	0.04	2.5	<0.1	<0.05	3	<0.5	<0.2
REP 130640	QC			18	0.44	92	0.007	<1	1.06	0.004	0.06	<0.1	0.05	2.5	<0.1	<0.05	3	0.6	<0.2
130641	Soil			18	0.49	96	0.009	1	1.04	0.005	0.04	0.1	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
REP 130641	QC			19	0.49	97	0.009	1	1.04	0.005	0.04	<0.1	0.04	2.4	<0.1	<0.05	3	<0.5	<0.2
130712	Soil			18	0.42	198	0.006	1	1.17	0.006	0.05	<0.1	0.04	2.5	<0.1	<0.05	3	<0.5	<0.2
REP 130712	QC			17	0.40	200	0.006	1	1.13	0.006	0.06	<0.1	0.06	2.5	<0.1	0.05	3	<0.5	<0.2
130713	Soil			16	0.45	173	0.006	<1	1.14	0.005	0.05	<0.1	0.05	2.2	<0.1	<0.05	4	<0.5	<0.2
REP 130713	QC			15	0.41	160	0.006	<1	1.05	0.004	0.05	<0.1	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
130748	Soil			17	0.35	113	0.027	<1	1.14	0.006	0.06	0.2	0.01	2.7	<0.1	<0.05	4	<0.5	<0.2
REP 130748	QC			18	0.37	117	0.029	<1	1.17	0.006	0.05	0.2	<0.01	2.7	<0.1	<0.05	4	<0.5	<0.2
130749	Soil			28	0.38	280	0.018	<1	1.98	0.007	0.04	0.2	0.03	3.5	0.1	<0.05	5	<0.5	<0.2
REP 130749	QC			30	0.40	294	0.020	1	2.07	0.006	0.05	0.2	0.04	3.7	0.1	<0.05	5	<0.5	<0.2
130777	Soil			10	0.28	124	0.005	<1	0.60	0.005	0.05	<0.1	0.04	2.0	<0.1	<0.05	2	0.5	<0.2
REP 130777	QC			10	0.29	122	0.006	1	0.65	0.005	0.07	<0.1	0.05	2.1	<0.1	0.10	2	<0.5	<0.2
Reference Materials																			
STD DS9	Standard			112	0.61	286	0.104	2	0.90	0.081	0.38	2.8	0.19	2.9	5.1	0.07	4	5.0	5.0
STD DS9	Standard			116	0.63	327	0.101	5	0.96	0.084	0.38	2.8	0.25	2.3	5.7	0.11	5	5.5	4.8
STD DS9	Standard			115	0.59	287	0.101	1	0.89	0.082	0.36	2.7	0.15	2.4	5.1	0.12	4	5.0	5.5
STD DS9	Standard			120	0.59	290	0.108	3	0.91	0.077	0.38	2.7	0.18	2.2	5.2	<0.05	4	5.1	5.5
STD DS9	Standard			133	0.61	280	0.120	3	0.94	0.097	0.42	2.6	0.25	2.8	5.2	0.11	5	5.8	5.7
STD DS9 Expected				121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank			<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank			<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.01	<0.1	<0.1	0.07	<1	<0.5	<0.2
BLK	Blank			<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2





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 Carp K0A 1A0 CANADA

Project: MLM2013  
 Report Date: September 03, 2013

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Part: 1 of 2

## QUALITY CONTROL REPORT

WHI13000322.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	0.1	<0.1	<1	0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1



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**Project:** MLM2013  
**Report Date:** September 03, 2013

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Part: 2 of 2

## QUALITY CONTROL REPORT

WHI13000322.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.02	<0.1	<0.1	<0.05	<1	<0.5	<0.2



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P.O. 158 3232 Carp Rd.  
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Submitted By: Tyrell Sutherland/Vern Rampton  
Receiving Lab: Canada-Whitehorse  
Received: August 22, 2013  
Report Date: September 05, 2013  
Page: 1 of 7

## CERTIFICATE OF ANALYSIS

WHI13000323.1

### CLIENT JOB INFORMATION

Project: MLM2013  
Shipment ID: Dispatch #3  
P.O. Number  
Number of Samples: 158

### SAMPLE DISPOSAL

RTRN-PLP Return  
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Mayo Lake Minerals Inc.  
P.O. 158 3232 Carp Rd.  
Carp K0A 1A0  
CANADA

CC:

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	158	Dry at 60C			WHI
SS80	158	Dry at 60C sieve 100g to -80 mesh			WHI
1DX2	158	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. \*\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: MLM2013  
 Report Date: September 05, 2013

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# CERTIFICATE OF ANALYSIS

WHI13000323.1

Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	
130800	Soil	0.4	23.0	11.2	51	<0.1	19.1	9.1	376	2.42	26.6	4.3	9.0	9	<0.1	6.9	0.3	16	0.11	0.039	28
130801	Soil	0.7	27.6	15.0	53	<0.1	20.4	8.5	315	2.59	51.6	3.6	7.6	17	<0.1	7.6	0.3	21	0.23	0.042	27
130802	Soil	0.4	19.8	19.2	42	<0.1	17.6	9.6	360	2.39	25.0	2.7	6.8	31	<0.1	4.7	0.3	21	0.44	0.030	22
130803	Soil	0.5	22.2	18.5	36	<0.1	16.7	7.5	233	2.08	12.8	2.7	3.7	48	0.1	3.4	0.3	23	0.76	0.032	22
130804	Soil	1.0	42.5	56.2	52	0.3	13.8	19.7	1720	3.05	12.7	3.7	0.7	26	0.1	2.1	0.3	26	0.40	0.133	28
130805	Soil	0.6	26.9	15.9	46	<0.1	25.4	10.2	299	2.69	20.8	3.1	6.4	10	<0.1	4.4	0.2	32	0.09	0.028	22
130806	Soil	0.7	18.1	11.2	51	<0.1	18.5	8.1	262	2.15	15.5	2.5	4.9	15	<0.1	4.1	0.1	31	0.20	0.046	25
130807	Soil	0.7	17.8	12.9	42	<0.1	15.9	8.0	250	2.14	14.9	7.7	5.1	17	<0.1	3.0	0.2	35	0.20	0.038	25
130808	Soil	1.0	16.4	14.5	47	<0.1	19.7	10.2	498	2.48	12.8	2.6	6.4	29	<0.1	1.9	0.2	43	0.48	0.027	24
130809	Soil	0.7	32.4	18.0	88	0.2	29.1	10.7	586	2.87	30.7	6.1	9.1	21	0.2	7.5	0.2	28	0.34	0.056	27
130810	Soil	0.7	31.0	15.6	63	<0.1	26.5	8.9	384	2.73	29.0	6.2	6.5	18	<0.1	6.9	0.4	26	0.53	0.040	25
130811	Soil	0.6	24.3	11.5	57	<0.1	23.7	12.0	541	2.31	19.1	3.5	4.9	15	0.2	4.5	0.2	29	0.19	0.047	25
130812	Soil	0.7	29.9	14.8	60	<0.1	25.6	10.6	450	2.55	23.2	4.4	7.6	14	0.2	5.7	0.2	29	0.16	0.044	27
130813	Soil	0.6	24.7	20.2	76	0.1	20.3	9.7	515	2.44	16.8	3.0	6.2	45	0.3	3.1	0.3	19	0.58	0.059	26
130814	Soil	0.6	12.5	13.6	55	<0.1	16.1	7.2	730	2.27	19.4	4.3	3.6	21	<0.1	2.4	0.2	33	0.28	0.061	18
130815	Soil	0.6	14.2	10.6	53	0.1	15.8	7.6	354	2.04	15.7	1.9	3.9	28	<0.1	2.5	0.1	32	0.43	0.065	17
130816	Soil	0.5	15.0	12.5	57	0.1	15.6	7.0	199	2.31	23.8	5.5	6.2	17	<0.1	3.3	0.1	30	0.25	0.056	22
130817	Soil	0.5	23.1	15.4	58	<0.1	20.3	9.0	225	2.06	14.0	5.1	7.7	20	0.2	3.2	0.1	30	0.29	0.064	24
130818	Soil	0.5	19.5	20.8	66	<0.1	18.3	6.5	137	1.98	31.6	6.9	7.1	17	<0.1	6.1	0.2	29	0.22	0.058	24
130819	Soil	0.5	25.0	10.4	57	0.1	22.8	7.8	753	1.95	12.0	2.9	3.9	28	0.2	2.5	0.1	28	0.47	0.071	19
130820	Soil	0.5	16.8	14.9	66	0.1	19.7	7.8	165	2.14	15.5	3.2	6.6	22	0.2	3.4	0.2	29	0.35	0.050	21
130821	Soil	1.0	16.7	14.7	48	<0.1	15.6	7.2	406	2.39	21.0	1.6	2.2	9	<0.1	2.8	0.2	43	0.07	0.043	18
130822	Soil	0.5	23.8	9.7	56	<0.1	22.9	8.0	296	2.31	22.2	2.8	6.5	14	0.1	3.3	<0.1	26	0.18	0.057	25
130823	Soil	0.7	19.8	15.4	58	<0.1	20.6	7.9	188	2.99	29.5	4.3	5.8	6	0.1	2.2	0.1	29	0.05	0.029	21
130824	Soil	0.7	31.0	11.5	72	0.2	27.6	10.8	568	2.59	21.8	3.2	8.2	20	0.3	2.3	0.1	25	0.28	0.061	25
130825	Soil	0.7	28.2	19.3	43	0.2	21.0	10.8	721	2.30	19.8	2.5	4.2	62	0.2	5.1	0.2	25	1.11	0.043	21
130826	Soil	0.9	9.2	10.3	36	<0.1	10.9	4.9	170	1.94	17.1	2.0	5.0	8	<0.1	3.2	0.1	41	0.07	0.018	22
130827	Soil	0.7	16.5	15.2	46	<0.1	16.7	7.3	196	2.44	26.0	1.5	8.3	7	<0.1	9.0	0.1	29	0.07	0.025	30
130828	Soil	0.4	27.3	14.8	43	<0.1	24.7	10.0	257	2.63	28.4	8.2	7.9	10	<0.1	7.6	0.1	27	0.10	0.028	24
130829	Soil	0.7	16.1	13.1	41	<0.1	15.9	6.7	191	2.45	27.3	2.7	6.8	7	<0.1	6.7	0.1	27	0.07	0.028	24

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 P.O. 158 3232 Carp Rd.  
 Carp K0A 1A0 CANADA

Project: MLM2013  
 Report Date: September 05, 2013

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Part: 2 of 2

# CERTIFICATE OF ANALYSIS

WHI13000323.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
130800	Soil	13	0.32	130	0.017	2	0.90	0.006	0.06	<0.1	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
130801	Soil	15	0.31	135	0.011	<1	0.96	0.005	0.06	0.1	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
130802	Soil	14	0.32	136	0.008	1	1.04	0.007	0.05	<0.1	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
130803	Soil	13	0.23	110	0.008	2	0.92	0.006	0.07	0.1	0.02	1.5	<0.1	<0.05	3	0.5	<0.2
130804	Soil	17	0.26	162	0.006	1	1.47	0.008	0.07	<0.1	0.09	0.9	0.1	<0.05	5	0.6	<0.2
130805	Soil	22	0.37	187	0.018	1	1.50	0.005	0.05	0.2	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
130806	Soil	20	0.39	188	0.018	1	1.20	0.006	0.05	0.1	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
130807	Soil	20	0.36	222	0.018	<1	1.35	0.005	0.05	0.1	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
130808	Soil	24	0.37	222	0.020	2	1.65	0.007	0.06	0.1	0.04	2.8	0.1	<0.05	5	<0.5	<0.2
130809	Soil	21	0.51	231	0.022	2	1.31	0.008	0.08	0.1	0.05	3.1	<0.1	<0.05	4	<0.5	<0.2
130810	Soil	19	0.59	206	0.015	2	1.28	0.009	0.07	0.2	0.04	2.5	0.1	<0.05	3	<0.5	<0.2
130811	Soil	20	0.41	234	0.018	1	1.20	0.006	0.06	0.2	0.04	2.5	<0.1	<0.05	4	<0.5	<0.2
130812	Soil	21	0.43	161	0.031	<1	1.24	0.007	0.07	0.1	0.04	2.7	<0.1	<0.05	4	<0.5	<0.2
130813	Soil	16	0.41	241	0.007	<1	1.14	0.006	0.08	0.1	0.05	2.0	<0.1	<0.05	3	<0.5	<0.2
130814	Soil	20	0.38	193	0.017	<1	1.21	0.006	0.05	0.2	0.06	2.2	<0.1	<0.05	4	<0.5	<0.2
130815	Soil	19	0.37	206	0.024	2	0.99	0.009	0.05	0.2	0.05	2.6	<0.1	<0.05	3	<0.5	<0.2
130816	Soil	19	0.39	157	0.024	<1	1.10	0.007	0.05	0.2	0.06	2.2	<0.1	<0.05	3	<0.5	<0.2
130817	Soil	19	0.41	147	0.033	2	1.05	0.007	0.05	0.2	0.04	2.2	<0.1	<0.05	3	<0.5	<0.2
130818	Soil	21	0.41	140	0.026	<1	1.16	0.007	0.06	0.2	0.06	2.4	<0.1	<0.05	3	<0.5	<0.2
130819	Soil	21	0.41	256	0.019	1	1.12	0.007	0.06	0.2	0.05	2.5	<0.1	<0.05	4	<0.5	<0.2
130820	Soil	20	0.43	188	0.016	2	1.22	0.006	0.06	0.2	0.04	2.3	<0.1	<0.05	4	<0.5	<0.2
130821	Soil	19	0.30	150	0.017	1	1.28	0.005	0.05	1.0	0.04	1.7	0.1	<0.05	5	<0.5	<0.2
130822	Soil	19	0.44	129	0.033	1	1.02	0.007	0.06	0.1	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
130823	Soil	20	0.36	131	0.015	<1	1.51	0.004	0.06	0.2	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
130824	Soil	19	0.45	165	0.031	<1	1.00	0.009	0.08	0.2	0.04	2.5	<0.1	<0.05	3	<0.5	<0.2
130825	Soil	16	0.27	239	0.008	1	1.15	0.005	0.06	0.1	0.06	2.3	<0.1	<0.05	3	0.5	<0.2
130826	Soil	17	0.27	101	0.029	<1	1.05	0.004	0.05	0.1	0.01	1.8	<0.1	<0.05	5	<0.5	<0.2
130827	Soil	16	0.29	115	0.014	<1	1.36	0.005	0.05	0.1	0.01	1.9	<0.1	<0.05	4	<0.5	<0.2
130828	Soil	19	0.37	136	0.021	<1	1.42	0.005	0.05	<0.1	0.02	2.1	<0.1	<0.05	3	<0.5	<0.2
130829	Soil	17	0.29	76	0.017	1	1.15	0.004	0.04	0.2	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2

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Project: MLM2013  
 Report Date: September 05, 2013

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# CERTIFICATE OF ANALYSIS

WHI13000323.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
130830	Soil		0.7	26.1	20.5	51	0.2	22.2	11.5	587	2.59	56.7	18.9	4.6	47	0.1	8.2	0.2	19	0.57	0.057	22
130831	Soil		0.5	19.9	13.6	49	<0.1	19.1	8.9	386	2.34	30.0	6.9	6.9	22	<0.1	7.3	0.1	18	0.31	0.044	25
130832	Soil		0.5	21.1	11.2	58	<0.1	19.6	8.3	315	2.35	23.0	4.0	7.8	23	0.1	5.6	0.2	23	0.33	0.060	23
130833	Soil		0.6	21.4	12.9	50	0.1	16.6	10.6	720	2.38	23.4	5.2	6.9	23	<0.1	6.2	0.2	22	0.34	0.048	23
130834	Soil		0.5	26.5	13.8	55	<0.1	22.6	9.3	576	2.29	32.9	6.8	7.3	32	0.2	11.2	0.1	17	0.49	0.050	23
130835	Soil		0.4	23.9	14.7	64	0.1	22.8	10.4	827	2.20	29.1	9.0	5.5	37	0.2	11.6	0.2	18	0.60	0.059	21
130836	Soil		0.5	28.6	17.4	61	0.1	22.8	9.9	741	2.48	46.7	7.3	6.6	49	0.1	14.6	0.6	14	0.72	0.048	17
130837	Soil		0.5	27.1	16.8	51	0.1	21.9	9.2	659	2.45	43.3	4.6	4.6	69	0.1	12.7	0.4	12	0.96	0.053	14
130838	Soil		0.5	25.7	19.1	61	0.1	21.6	9.9	432	2.32	30.2	4.2	6.0	30	0.2	12.5	0.3	13	0.53	0.046	17
130839	Soil		0.4	30.8	15.6	58	<0.1	23.1	10.5	595	2.56	44.0	7.3	7.9	21	0.1	20.0	0.2	12	0.39	0.048	21
130840	Soil		0.5	34.2	18.9	62	<0.1	24.4	10.5	555	2.80	44.4	5.0	8.4	20	<0.1	20.1	0.3	13	0.34	0.048	22
130841	Soil		0.4	33.8	20.0	57	<0.1	25.3	10.8	497	2.92	63.9	8.1	8.7	22	<0.1	21.4	0.2	12	0.51	0.046	20
130842	Soil		0.6	25.2	18.4	50	<0.1	19.5	9.6	372	2.46	58.2	8.9	7.1	12	<0.1	14.6	0.2	15	0.23	0.042	22
130843	Soil		1.0	21.2	15.8	64	<0.1	22.6	9.3	398	2.80	20.2	1.1	5.8	8	<0.1	2.3	0.2	47	0.08	0.039	18
130844	Soil		0.9	41.6	20.0	71	0.1	30.6	10.0	318	3.22	15.3	3.1	2.6	9	<0.1	3.2	0.3	29	0.11	0.085	31
130845	Soil		0.8	24.5	11.2	50	<0.1	24.3	10.5	321	2.58	15.6	2.0	6.5	12	<0.1	1.8	0.1	39	0.11	0.028	19
130846	Soil		0.7	19.1	17.7	54	<0.1	18.0	8.3	256	2.51	23.2	2.1	9.8	6	<0.1	4.3	0.1	24	0.05	0.029	28
130847	Soil		0.9	15.3	28.2	43	<0.1	14.5	8.3	377	2.47	15.7	1.1	8.7	19	<0.1	8.8	0.2	20	0.22	0.030	36
130848	Soil		0.8	24.7	13.4	40	<0.1	15.5	5.7	100	1.80	5.9	1.1	6.1	11	0.2	1.5	0.2	16	0.09	0.036	39
130849	Soil		0.5	38.0	16.7	57	0.1	25.6	10.3	340	2.84	10.0	1.1	7.1	46	<0.1	2.0	0.2	15	1.42	0.061	27
130850	Soil		0.7	27.4	48.0	62	<0.1	21.2	11.0	636	2.91	17.7	1.1	8.9	27	0.2	5.5	0.2	13	0.96	0.050	26
130851	Soil		0.6	43.3	29.5	82	0.1	30.0	13.6	600	3.97	23.3	2.3	10.4	51	<0.1	2.4	0.3	15	0.61	0.060	30
130852	Soil		0.3	40.8	23.2	50	<0.1	22.4	10.9	577	2.69	9.0	1.2	8.5	46	0.3	3.0	0.2	12	1.76	0.076	29
130853	Soil		0.8	26.8	19.3	58	<0.1	24.1	9.7	234	3.38	12.2	2.5	10.4	9	<0.1	1.9	0.2	35	0.07	0.026	29
130854	Soil		0.8	25.7	20.5	70	<0.1	26.6	12.7	550	2.89	13.5	1.1	6.4	18	<0.1	1.1	0.2	34	0.23	0.053	34
130855	Soil		0.6	33.0	16.3	52	<0.1	24.1	10.3	434	2.52	15.6	1.4	7.4	30	<0.1	6.4	0.1	19	0.34	0.045	28
130856	Soil		1.0	29.8	15.4	63	<0.1	18.4	6.8	201	3.17	35.6	3.5	5.9	7	<0.1	13.0	0.2	28	0.04	0.033	21
130857	Soil		0.9	44.2	25.1	81	0.2	32.3	15.0	784	2.65	24.9	5.5	7.0	40	0.2	6.6	0.3	28	0.53	0.073	24
130858	Soil		0.7	13.9	20.6	66	0.1	18.0	12.8	634	2.62	47.8	3.8	6.8	15	<0.1	7.3	0.2	27	0.18	0.051	26
130859	Soil		0.6	17.3	19.1	70	0.1	18.9	11.5	438	2.54	28.3	1.6	6.2	14	0.1	4.0	0.2	25	0.17	0.051	24

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Project: MLM2013  
 Report Date: September 05, 2013

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Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
130830	Soil	15	0.34	157	0.007	<1	1.10	0.005	0.06	<0.1	0.04	2.0	<0.1	<0.05	3	0.6	<0.2
130831	Soil	13	0.32	128	0.009	1	0.90	0.005	0.05	0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
130832	Soil	15	0.36	92	0.027	<1	0.80	0.008	0.05	<0.1	0.01	2.1	<0.1	<0.05	2	<0.5	<0.2
130833	Soil	15	0.32	163	0.011	<1	0.89	0.005	0.05	0.1	0.04	2.1	<0.1	<0.05	3	<0.5	<0.2
130834	Soil	13	0.34	138	0.010	2	0.89	0.007	0.07	<0.1	0.03	1.8	<0.1	<0.05	2	0.5	<0.2
130835	Soil	15	0.35	172	0.009	<1	1.00	0.007	0.08	0.1	0.04	2.1	<0.1	<0.05	3	0.6	<0.2
130836	Soil	14	0.37	142	0.006	3	0.97	0.006	0.07	<0.1	0.04	2.0	<0.1	0.05	3	<0.5	<0.2
130837	Soil	13	0.36	144	0.005	3	0.93	0.007	0.06	<0.1	0.04	1.6	<0.1	<0.05	3	0.7	<0.2
130838	Soil	12	0.31	147	0.006	1	0.88	0.006	0.05	0.1	0.03	1.8	<0.1	<0.05	2	0.7	<0.2
130839	Soil	11	0.30	92	0.006	2	0.80	0.006	0.06	<0.1	0.03	1.6	<0.1	<0.05	2	<0.5	<0.2
130840	Soil	13	0.33	105	0.006	2	0.89	0.006	0.07	<0.1	0.04	2.1	<0.1	<0.05	2	<0.5	<0.2
130841	Soil	10	0.26	88	0.006	2	0.72	0.005	0.06	<0.1	0.03	1.9	<0.1	<0.05	2	0.5	<0.2
130842	Soil	12	0.28	76	0.009	1	0.75	0.005	0.05	<0.1	0.01	1.4	<0.1	<0.05	2	<0.5	<0.2
130843	Soil	25	0.35	133	0.023	<1	1.56	0.006	0.05	0.3	0.02	2.0	<0.1	<0.05	5	<0.5	<0.2
130844	Soil	20	0.41	114	0.008	2	1.21	0.004	0.05	0.1	0.02	1.2	<0.1	<0.05	5	0.5	<0.2
130845	Soil	26	0.46	224	0.040	2	1.54	0.007	0.07	0.2	0.02	3.6	<0.1	<0.05	4	<0.5	<0.2
130846	Soil	17	0.39	117	0.013	1	1.14	0.004	0.05	0.1	<0.01	1.5	<0.1	<0.05	3	<0.5	<0.2
130847	Soil	12	0.35	159	0.006	<1	0.91	0.004	0.07	0.1	0.02	1.0	<0.1	<0.05	3	<0.5	<0.2
130848	Soil	13	0.32	74	0.004	2	0.94	0.005	0.06	<0.1	0.03	0.9	<0.1	<0.05	4	<0.5	<0.2
130849	Soil	17	0.59	153	0.004	2	1.28	0.005	0.06	<0.1	0.04	1.8	<0.1	<0.05	3	0.5	<0.2
130850	Soil	13	0.39	96	0.006	2	0.90	0.005	0.06	<0.1	0.03	2.0	<0.1	<0.05	2	<0.5	<0.2
130851	Soil	16	0.43	183	0.004	<1	1.25	0.005	0.09	<0.1	0.03	1.9	<0.1	<0.05	3	0.8	<0.2
130852	Soil	8	0.73	106	0.013	2	0.72	0.004	0.12	<0.1	0.04	1.7	0.1	<0.05	2	<0.5	<0.2
130853	Soil	20	0.35	94	0.020	<1	1.35	0.004	0.06	0.2	0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
130854	Soil	23	0.47	124	0.022	2	1.20	0.006	0.06	0.2	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
130855	Soil	15	0.42	159	0.008	<1	1.02	0.005	0.06	0.1	0.02	1.6	<0.1	<0.05	3	0.6	<0.2
130856	Soil	19	0.54	59	0.012	<1	1.19	0.003	0.04	0.1	0.02	1.4	<0.1	<0.05	4	0.7	<0.2
130857	Soil	22	0.48	284	0.009	1	1.37	0.006	0.06	0.1	0.08	2.9	<0.1	<0.05	4	<0.5	<0.2
130858	Soil	20	0.49	161	0.011	1	1.24	0.004	0.05	0.2	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
130859	Soil	20	0.46	160	0.008	<1	1.27	0.004	0.05	0.1	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2

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Project: MLM2013  
 Report Date: September 05, 2013

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# CERTIFICATE OF ANALYSIS

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Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
130860	Soil		0.7	33.4	19.8	89	0.1	24.9	12.4	435	2.82	40.0	4.5	8.6	17	0.2	6.6	0.3	26	0.24	0.058	26
130861	Soil		0.5	21.4	16.3	62	0.1	22.4	10.4	622	2.25	26.8	3.3	7.6	41	0.1	14.1	0.2	21	0.60	0.051	23
130862	Soil		0.4	23.7	17.2	62	0.1	22.1	10.2	1095	2.31	26.5	3.8	8.1	30	0.1	10.7	0.4	17	0.43	0.050	22
130863	Soil		0.4	18.0	11.8	54	<0.1	16.6	8.0	543	1.98	24.0	3.3	6.6	29	<0.1	9.8	0.2	15	0.46	0.050	22
130864	Soil		0.7	22.0	18.6	76	0.1	21.8	11.4	513	2.47	22.6	5.8	6.2	21	0.2	9.2	0.2	27	0.34	0.055	21
130865	Soil		0.6	16.9	15.0	68	0.1	19.9	8.6	260	2.32	15.2	2.8	7.8	19	<0.1	5.2	0.2	24	0.30	0.060	25
130866	Soil		0.5	28.0	16.3	72	0.2	24.6	10.0	954	2.17	23.4	6.0	3.2	39	0.2	6.0	0.2	24	1.01	0.075	18
130867	Soil		0.6	28.9	19.1	71	0.1	33.1	25.7	3523	3.66	28.7	9.5	9.9	25	0.1	4.9	0.2	15	0.40	0.050	28
130868	Soil		0.6	41.9	24.5	80	<0.1	31.6	16.4	896	3.72	40.1	7.9	11.6	12	0.1	6.2	0.3	16	0.16	0.048	33
130869	Soil		0.6	37.2	19.8	77	<0.1	26.7	12.3	634	3.13	33.2	8.3	10.6	14	<0.1	7.4	0.2	18	0.19	0.050	31
130870	Soil		0.7	35.4	21.1	70	0.1	28.0	13.4	912	3.03	28.0	4.6	7.3	24	0.1	7.0	0.2	23	0.39	0.053	25
130871	Soil		0.7	41.1	18.7	78	0.1	30.3	15.3	594	3.36	35.6	8.4	11.5	14	0.1	6.5	0.2	18	0.22	0.051	34
130872	Soil		0.5	28.3	19.7	77	0.1	24.5	10.7	522	2.66	21.9	5.4	5.8	33	0.2	5.7	0.3	24	0.55	0.053	18
130873	Soil		0.7	25.4	19.5	80	0.1	26.0	11.5	461	2.76	18.9	3.8	8.3	23	0.1	5.1	0.3	24	0.30	0.062	20
130874	Soil		0.7	35.0	27.6	77	<0.1	28.1	16.7	873	4.16	39.2	5.7	13.1	16	<0.1	9.8	0.5	12	0.20	0.049	32
130875	Soil		0.9	39.6	32.9	73	0.1	25.6	18.2	904	3.70	58.0	8.6	11.2	31	0.1	8.0	0.5	16	0.51	0.070	26
130877	Soil		0.8	36.8	24.0	97	<0.1	32.9	16.9	460	4.75	12.6	1.5	10.4	20	<0.1	3.5	0.3	11	0.29	0.045	32
130878	Soil		0.9	43.8	25.7	41	0.2	27.1	16.8	622	2.58	13.2	1.4	2.2	41	0.1	1.2	0.3	13	0.69	0.099	17
130880	Soil		0.7	28.6	40.9	55	<0.1	16.5	6.9	194	2.59	8.6	2.6	3.7	21	<0.1	1.3	0.2	21	0.09	0.056	25
130881	Soil		0.8	52.3	38.3	78	0.1	25.8	12.4	601	3.95	30.3	4.3	11.6	17	<0.1	10.1	0.5	12	0.17	0.055	38
130882	Soil		0.5	40.8	30.0	71	0.1	25.7	14.7	645	3.46	68.6	8.1	10.1	26	<0.1	31.1	0.4	12	0.42	0.052	26
130883	Soil		0.6	33.3	23.5	76	<0.1	28.2	14.6	312	3.66	87.5	14.6	17.4	16	<0.1	49.8	0.3	10	0.21	0.039	34
130884	Soil		0.8	30.3	22.7	84	<0.1	30.7	16.1	530	3.68	72.6	8.8	15.0	14	<0.1	8.2	0.4	19	0.15	0.058	35
130885	Soil		0.7	35.0	16.3	74	0.1	28.2	11.8	447	3.31	28.6	4.2	10.5	23	<0.1	4.0	0.4	16	0.29	0.045	28
130886	Soil		0.7	34.4	17.9	78	0.2	24.8	12.0	649	3.43	14.9	3.1	10.9	25	0.1	3.6	0.4	18	0.30	0.056	27
130887	Soil		0.7	34.6	17.4	81	0.2	26.9	11.5	650	3.02	13.7	5.4	9.3	36	0.2	3.7	0.4	17	0.53	0.052	24
130888	Soil		0.6	37.6	17.0	74	0.1	29.7	10.9	622	3.14	12.3	3.9	9.6	35	0.2	3.4	0.4	16	0.58	0.051	25
130889	Soil		0.6	28.7	19.5	79	0.2	25.8	12.9	803	2.84	17.8	1.8	8.1	31	0.3	5.8	0.4	19	0.43	0.054	22
130890	Soil		0.5	30.1	18.5	80	0.2	24.8	12.4	769	2.89	16.6	5.8	8.5	29	0.2	5.7	0.4	19	0.41	0.054	23
130891	Soil		0.5	22.2	21.6	68	0.1	21.3	13.1	959	2.64	21.9	5.2	6.3	34	0.3	9.5	0.3	24	0.45	0.055	20

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Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
130860	Soil	20	0.47	234	0.015	1	1.24	0.006	0.07	0.2	0.04	2.7	<0.1	<0.05	4	0.7	<0.2
130861	Soil	16	0.43	196	0.009	2	1.07	0.006	0.07	<0.1	0.04	2.0	<0.1	<0.05	3	<0.5	<0.2
130862	Soil	13	0.35	146	0.008	1	0.94	0.006	0.07	<0.1	0.04	2.1	<0.1	<0.05	3	<0.5	<0.2
130863	Soil	11	0.33	114	0.008	2	0.81	0.005	0.06	<0.1	0.03	1.7	<0.1	<0.05	2	<0.5	<0.2
130864	Soil	22	0.45	261	0.013	<1	1.17	0.006	0.06	0.2	0.06	2.7	<0.1	<0.05	3	<0.5	<0.2
130865	Soil	18	0.43	166	0.019	<1	1.06	0.005	0.06	0.1	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
130866	Soil	18	0.40	262	0.012	2	1.11	0.006	0.07	0.1	0.07	2.1	<0.1	<0.05	3	<0.5	<0.2
130867	Soil	16	0.54	238	0.006	1	1.14	0.005	0.05	0.1	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
130868	Soil	18	0.56	154	0.005	<1	1.30	0.004	0.05	<0.1	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
130869	Soil	19	0.54	139	0.007	<1	1.22	0.005	0.05	<0.1	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
130870	Soil	18	0.50	191	0.009	<1	1.11	0.007	0.06	0.1	0.04	2.2	<0.1	<0.05	3	0.6	<0.2
130871	Soil	19	0.63	135	0.007	<1	1.33	0.006	0.06	<0.1	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
130872	Soil	19	0.48	188	0.014	2	1.09	0.008	0.05	0.1	0.06	2.7	<0.1	<0.05	3	<0.5	<0.2
130873	Soil	20	0.51	133	0.025	1	1.11	0.009	0.06	0.2	0.03	2.8	<0.1	<0.05	3	<0.5	<0.2
130874	Soil	16	0.64	117	0.002	2	1.37	0.004	0.05	<0.1	0.04	2.0	<0.1	<0.05	3	<0.5	<0.2
130875	Soil	18	0.63	127	0.003	<1	1.41	0.005	0.04	<0.1	0.04	1.9	<0.1	0.06	3	<0.5	<0.2
130877	Soil	12	0.36	107	0.002	<1	0.69	0.006	0.04	<0.1	0.05	1.8	<0.1	<0.05	2	<0.5	<0.2
130878	Soil	15	0.42	138	0.005	2	0.89	0.006	0.05	<0.1	0.07	1.2	<0.1	0.09	3	<0.5	<0.2
130880	Soil	18	0.55	176	0.013	<1	1.13	0.006	0.06	<0.1	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
130881	Soil	15	0.67	103	0.005	<1	1.33	0.004	0.06	<0.1	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
130882	Soil	15	0.72	147	0.003	<1	1.39	0.004	0.05	<0.1	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
130883	Soil	18	0.90	76	0.002	1	1.58	0.003	0.04	<0.1	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
130884	Soil	22	0.72	73	0.009	<1	1.52	0.005	0.04	<0.1	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
130885	Soil	18	0.56	151	0.005	1	1.36	0.005	0.04	<0.1	0.04	2.5	<0.1	<0.05	3	<0.5	<0.2
130886	Soil	21	0.59	174	0.005	<1	1.45	0.006	0.05	<0.1	0.07	2.7	<0.1	<0.05	4	<0.5	<0.2
130887	Soil	19	0.55	190	0.005	2	1.35	0.006	0.05	0.1	0.06	2.4	<0.1	<0.05	3	<0.5	<0.2
130888	Soil	21	0.56	200	0.004	1	1.31	0.007	0.04	0.1	0.05	2.4	<0.1	<0.05	3	<0.5	<0.2
130889	Soil	20	0.50	192	0.007	1	1.25	0.006	0.05	0.2	0.04	2.7	<0.1	<0.05	3	<0.5	<0.2
130890	Soil	19	0.52	198	0.007	1	1.30	0.007	0.05	0.2	0.05	2.7	<0.1	<0.05	3	0.7	<0.2
130891	Soil	18	0.43	213	0.012	2	1.16	0.008	0.05	0.2	0.05	3.0	<0.1	<0.05	3	<0.5	<0.2

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Project: MLM2013  
 Report Date: September 05, 2013

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# CERTIFICATE OF ANALYSIS

# WHI13000323.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
130892	Soil		0.5	16.1	18.9	66	0.1	16.9	10.5	442	2.45	22.6	3.1	5.6	29	0.2	11.0	0.3	26	0.41	0.052	19
130893	Soil		0.4	25.1	16.9	73	<0.1	23.7	13.5	774	3.00	39.2	12.8	9.1	36	0.1	1.5	0.3	18	0.56	0.047	22
130894	Soil		0.4	32.2	19.1	67	0.1	27.6	13.0	697	3.12	33.4	6.9	10.1	22	<0.1	1.7	0.4	20	0.33	0.043	25
130895	Soil		0.6	28.8	15.0	68	<0.1	24.2	13.0	671	3.07	25.8	5.9	8.4	27	<0.1	1.3	0.4	22	0.40	0.044	23
130896	Soil		0.4	33.6	16.1	73	0.1	26.5	12.6	771	2.66	55.6	10.0	5.2	69	0.2	2.0	0.3	18	1.15	0.063	16
130897	Soil		0.5	27.6	19.3	74	0.1	24.9	12.6	1035	2.85	41.5	8.5	5.5	53	0.3	1.7	0.3	18	0.93	0.062	19
130898	Soil		0.7	28.7	20.1	78	0.1	27.3	13.2	339	3.06	49.9	9.6	10.4	21	0.3	2.1	0.3	20	0.32	0.052	29
130899	Soil		0.7	21.0	19.1	65	0.1	21.7	11.5	786	2.72	29.1	10.2	5.8	39	0.1	1.6	0.3	18	0.71	0.055	18
130900	Soil		0.5	26.6	22.1	64	0.1	21.8	12.3	783	2.90	47.3	11.2	5.7	53	0.1	2.3	0.3	17	1.00	0.059	17
130901	Soil		0.5	26.9	19.1	63	0.1	24.0	11.7	699	2.66	53.9	10.5	6.0	41	0.2	2.8	0.3	13	0.73	0.058	20
130902	Soil		0.5	31.2	22.1	68	0.2	25.1	12.1	758	2.68	36.9	10.4	4.7	52	0.3	2.3	0.3	15	0.97	0.063	18
130903	Soil		0.6	27.7	20.9	67	0.1	25.8	12.0	564	2.78	27.3	5.4	8.6	29	0.1	1.6	0.3	14	0.47	0.046	27
130904	Soil		0.6	34.2	42.3	73	0.1	33.0	15.4	1157	3.73	99.8	16.1	6.8	65	0.2	1.7	0.6	12	1.05	0.067	20
130905	Soil		0.7	30.7	33.3	82	0.1	36.1	17.3	840	3.94	119.8	16.0	15.1	29	0.2	2.4	0.5	12	0.42	0.060	34
130906	Soil		0.5	34.5	32.9	81	<0.1	29.4	18.0	885	3.84	143.7	15.1	14.1	16	0.2	2.3	0.4	23	0.20	0.065	34
130907	Soil		1.1	21.3	21.1	63	<0.1	27.4	14.1	638	3.06	13.8	2.2	9.7	19	0.1	0.8	0.3	40	0.23	0.041	23
130909	Soil		0.8	24.5	25.4	75	<0.1	29.1	16.6	828	3.44	25.1	1.9	8.2	25	<0.1	1.2	0.4	35	0.36	0.046	27
130910	Soil		0.3	29.7	21.4	87	<0.1	31.2	14.4	406	3.86	17.6	2.6	25.7	20	<0.1	3.9	0.4	4	0.33	0.060	61
130911	Soil		0.4	25.7	16.3	60	<0.1	25.4	9.7	412	2.81	33.6	7.4	9.6	33	<0.1	3.1	0.6	14	0.56	0.048	33
130912	Soil		0.6	33.6	18.9	64	0.1	27.0	9.9	457	2.85	14.1	6.0	7.1	27	<0.1	1.4	0.4	19	0.52	0.060	25
130913	Soil		0.7	34.8	33.3	84	0.2	31.8	13.5	901	3.47	9.5	2.8	8.5	47	0.3	0.9	0.4	14	0.58	0.087	25
130914	Soil		0.9	42.9	24.2	83	<0.1	34.3	15.8	866	3.32	59.4	10.4	11.3	54	0.2	7.6	0.4	8	2.62	0.122	21
130915	Soil		0.5	33.8	24.1	70	0.1	28.2	13.7	507	2.95	101.3	19.6	7.5	39	0.1	6.5	0.4	9	0.68	0.064	22
130916	Soil		0.4	28.6	22.4	62	0.1	23.6	11.8	740	2.57	53.1	10.1	5.6	49	0.1	3.0	0.3	13	1.01	0.069	16
130917	Soil		0.4	24.9	20.4	59	0.1	20.4	10.5	543	2.27	62.3	11.0	4.6	61	0.1	2.5	0.3	13	1.18	0.071	13
130918	Soil		0.4	29.2	18.3	67	0.1	22.1	11.4	504	2.70	41.4	9.9	7.5	42	0.1	2.3	0.3	12	0.84	0.056	19
130919	Soil		0.4	28.0	16.6	61	0.1	21.9	12.2	529	2.74	66.3	23.5	8.3	47	<0.1	4.0	0.3	9	0.99	0.052	18
130920	Soil		0.7	29.9	20.1	67	0.1	26.3	13.2	2696	2.86	68.1	17.8	7.4	33	0.2	3.2	0.3	14	0.64	0.060	20
130921	Soil		0.9	37.2	14.3	72	0.2	26.5	14.2	938	2.86	26.0	10.1	10.4	33	0.1	1.6	0.7	22	0.62	0.051	20
130922	Soil		0.7	36.9	15.7	83	0.1	33.3	14.7	524	3.63	110.6	45.9	10.9	21	<0.1	4.3	0.4	15	0.27	0.043	25

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Project: MLM2013  
 Report Date: September 05, 2013

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# CERTIFICATE OF ANALYSIS

WHI13000323.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
130892	Soil	18	0.43	190	0.012	<1	1.11	0.006	0.05	0.1	0.06	2.5	<0.1	<0.05	3	<0.5	<0.2
130893	Soil	15	0.40	148	0.009	<1	1.01	0.006	0.06	<0.1	0.03	2.5	<0.1	<0.05	3	<0.5	<0.2
130894	Soil	18	0.42	166	0.012	1	1.09	0.006	0.05	0.1	0.04	2.8	<0.1	<0.05	3	<0.5	<0.2
130895	Soil	18	0.44	159	0.013	<1	1.13	0.006	0.05	0.1	0.03	2.8	<0.1	<0.05	3	0.6	<0.2
130896	Soil	16	0.39	179	0.009	2	1.04	0.007	0.05	0.1	0.05	2.7	<0.1	0.09	3	<0.5	<0.2
130897	Soil	15	0.38	153	0.009	2	0.96	0.006	0.05	<0.1	0.04	2.3	<0.1	0.06	3	0.9	<0.2
130898	Soil	17	0.42	154	0.012	1	1.06	0.006	0.05	0.2	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
130899	Soil	16	0.39	171	0.010	<1	0.92	0.006	0.05	0.1	0.05	2.2	<0.1	0.06	3	0.7	<0.2
130900	Soil	16	0.37	196	0.008	1	0.92	0.006	0.05	0.1	0.04	2.4	<0.1	0.09	3	0.9	<0.2
130901	Soil	13	0.31	122	0.010	2	0.76	0.006	0.06	0.1	0.03	2.2	<0.1	0.08	2	0.6	<0.2
130902	Soil	15	0.34	141	0.008	2	0.88	0.006	0.07	0.2	0.05	2.1	<0.1	0.08	2	0.6	<0.2
130903	Soil	15	0.39	95	0.009	2	0.93	0.006	0.06	<0.1	0.04	2.3	<0.1	0.05	3	0.9	<0.2
130904	Soil	16	0.37	100	0.006	2	0.98	0.006	0.05	<0.1	0.04	2.6	<0.1	0.08	3	0.6	<0.2
130905	Soil	16	0.42	82	0.007	1	1.07	0.005	0.05	0.1	0.03	3.2	<0.1	<0.05	3	<0.5	<0.2
130906	Soil	18	0.40	102	0.012	1	1.23	0.005	0.06	0.1	0.05	2.5	<0.1	<0.05	4	0.7	<0.2
130907	Soil	27	0.52	254	0.022	<1	1.65	0.007	0.06	0.1	0.03	3.5	<0.1	<0.05	4	0.9	<0.2
130909	Soil	23	0.44	179	0.011	<1	1.53	0.006	0.07	0.1	0.03	3.0	<0.1	<0.05	4	<0.5	<0.2
130910	Soil	8	0.26	36	0.001	<1	0.59	0.003	0.06	<0.1	0.02	1.7	<0.1	<0.05	2	<0.5	<0.2
130911	Soil	13	0.26	158	0.004	2	0.97	0.005	0.05	<0.1	0.05	2.7	<0.1	<0.05	3	0.6	<0.2
130912	Soil	17	0.35	108	0.008	<1	1.04	0.004	0.05	0.1	0.07	2.9	<0.1	<0.05	3	0.5	<0.2
130913	Soil	16	0.38	156	0.008	1	1.06	0.005	0.04	<0.1	0.04	2.5	<0.1	<0.05	3	0.5	<0.2
130914	Soil	11	1.45	43	0.004	1	0.62	0.004	0.04	<0.1	0.03	2.1	<0.1	<0.05	2	<0.5	<0.2
130915	Soil	11	0.26	63	0.005	1	0.61	0.005	0.06	<0.1	0.03	2.1	<0.1	<0.05	2	0.5	<0.2
130916	Soil	13	0.33	120	0.006	2	0.78	0.006	0.06	<0.1	0.04	2.1	<0.1	<0.05	2	<0.5	<0.2
130917	Soil	13	0.29	149	0.005	2	0.74	0.006	0.07	<0.1	0.07	1.8	<0.1	0.06	2	0.6	<0.2
130918	Soil	12	0.32	122	0.004	1	0.80	0.005	0.09	<0.1	0.05	1.9	<0.1	<0.05	2	<0.5	<0.2
130919	Soil	10	0.24	97	0.004	1	0.62	0.005	0.07	<0.1	0.05	1.8	<0.1	<0.05	2	0.8	<0.2
130920	Soil	12	0.25	223	0.005	<1	0.75	0.004	0.06	<0.1	0.05	2.0	<0.1	<0.05	2	<0.5	<0.2
130921	Soil	20	0.44	151	0.010	1	1.10	0.005	0.05	<0.1	0.05	3.1	<0.1	<0.05	3	<0.5	<0.2
130922	Soil	15	0.32	108	0.008	1	0.83	0.004	0.05	<0.1	0.03	2.8	<0.1	<0.05	3	<0.5	<0.2

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Project: MLM2013

Report Date: September 05, 2013

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# CERTIFICATE OF ANALYSIS

## WHI13000323.1

Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
130923	Soil	0.6	37.3	16.7	80	0.1	31.8	15.9	777	3.18	64.8	38.8	10.2	26	<0.1	3.1	0.4	21	0.38	0.048	23
130924	Soil	0.6	40.2	20.1	86	0.1	30.3	15.9	849	3.55	88.1	24.5	11.3	21	<0.1	3.8	0.4	18	0.32	0.052	25
130925	Soil	0.5	38.3	17.6	88	0.1	30.5	15.1	613	3.21	55.6	18.8	12.2	24	0.1	3.3	0.4	17	0.42	0.049	26
130926	Soil	0.9	38.2	16.2	93	0.1	29.6	15.1	546	3.19	61.2	15.5	9.5	40	0.1	2.9	0.3	19	0.65	0.053	20
130927	Soil	0.6	40.0	24.4	77	0.1	37.4	17.1	488	3.55	90.1	11.2	8.4	51	0.2	12.3	0.4	12	0.92	0.052	17
130928	Soil	1.3	27.5	29.2	70	<0.1	20.8	14.5	709	4.06	189.6	6.5	9.4	6	0.1	54.3	0.4	25	0.07	0.047	31
130929	Soil	0.9	20.9	22.8	54	0.1	20.5	11.8	599	2.85	88.7	11.4	5.4	37	0.2	38.3	0.3	25	0.77	0.046	18
130930	Soil	1.0	8.0	11.3	43	<0.1	10.7	6.1	239	2.06	42.5	5.3	5.2	10	<0.1	5.2	0.2	36	0.10	0.029	22
130931	Soil	1.0	11.8	14.9	46	<0.1	13.3	5.6	157	2.46	33.0	3.2	7.0	8	<0.1	8.9	0.2	32	0.08	0.035	24
130932	Soil	1.3	19.4	15.1	58	0.1	19.4	11.3	529	2.65	33.8	6.7	4.0	17	<0.1	8.6	0.2	23	0.19	0.064	22
130933	Soil	0.9	25.6	16.7	62	<0.1	21.7	10.0	359	2.93	40.3	4.4	7.6	9	<0.1	7.3	0.2	21	0.08	0.029	28
130934	Soil	0.6	22.8	12.5	61	<0.1	20.7	9.2	319	2.60	36.0	4.1	9.3	16	<0.1	15.1	0.2	15	0.24	0.043	28
130935	Soil	0.8	36.5	17.6	64	0.1	29.7	13.0	440	2.99	45.8	7.6	9.8	28	0.1	20.6	0.2	15	0.39	0.042	28
130936	Soil	0.8	30.9	16.7	59	<0.1	26.2	11.4	428	2.70	39.1	7.9	9.8	18	<0.1	14.5	0.2	17	0.25	0.037	27
130937	Soil	0.7	29.1	16.9	58	<0.1	25.8	12.6	425	2.67	38.1	5.9	9.1	24	0.1	15.9	0.2	18	0.28	0.040	26
130938	Soil	0.9	15.1	13.7	55	<0.1	17.3	8.9	365	2.60	34.3	2.2	7.5	10	<0.1	11.4	0.2	23	0.12	0.030	26
130939	Soil	0.6	26.5	16.2	71	<0.1	24.5	10.9	506	2.68	44.2	7.3	6.8	38	0.1	14.3	0.2	13	0.54	0.052	20
130940	Soil	0.8	27.0	16.0	77	0.1	27.7	13.3	1010	2.76	45.5	9.5	7.6	38	0.1	14.9	0.2	15	0.50	0.055	21
130941	Soil	0.7	24.5	19.1	58	<0.1	21.4	12.4	616	2.66	36.4	5.5	7.3	28	<0.1	11.2	0.2	15	0.48	0.049	21
130942	Soil	0.8	24.7	18.7	60	<0.1	22.6	11.6	467	2.66	37.1	6.0	7.6	29	<0.1	10.5	0.2	16	0.42	0.039	22
130943	Soil	0.8	28.6	25.1	66	<0.1	24.2	13.2	463	2.76	62.4	4.9	9.1	25	<0.1	8.6	0.2	17	0.36	0.034	24
130944	Soil	0.8	18.0	16.4	56	<0.1	17.4	10.3	395	2.25	73.2	7.5	7.8	15	<0.1	8.3	0.1	15	0.17	0.040	24
130945	Soil	0.5	16.7	13.0	55	<0.1	17.7	8.6	326	2.31	30.5	3.6	6.3	28	<0.1	9.2	0.1	13	0.44	0.040	20
130946	Soil	0.7	28.6	15.4	59	0.1	24.5	10.0	504	2.35	32.5	3.8	4.5	71	<0.1	12.7	0.2	13	1.13	0.056	14
130947	Soil	0.9	15.3	17.8	44	<0.1	15.3	7.6	272	2.61	42.0	4.0	5.8	10	<0.1	12.6	0.3	23	0.08	0.025	23
130948	Soil	0.7	22.0	17.4	57	<0.1	21.3	12.0	401	2.95	35.0	21.7	9.0	11	<0.1	10.8	0.3	23	0.12	0.029	25
130949	Soil	0.8	15.9	13.7	48	<0.1	17.0	9.2	352	2.59	28.9	3.3	6.4	9	0.1	9.8	0.2	25	0.10	0.025	21
130950	Soil	0.6	18.8	17.8	50	<0.1	18.5	10.9	397	2.66	25.1	3.3	8.3	40	<0.1	6.1	0.3	26	0.38	0.028	19
130951	Soil	0.5	12.5	11.3	38	<0.1	12.1	5.1	155	1.89	17.4	1.9	4.6	13	0.2	4.2	0.2	26	0.14	0.021	16
130952	Soil	1.0	20.5	16.6	57	0.1	18.7	7.3	243	2.28	23.6	3.7	5.6	14	<0.1	6.4	0.2	29	0.18	0.030	20

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Project: MLM2013  
 Report Date: September 05, 2013

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# CERTIFICATE OF ANALYSIS

WHI13000323.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
130923	Soil	18	0.38	185	0.007	<1	1.12	0.006	0.07	<0.1	0.05	3.3	<0.1	<0.05	3	0.8	<0.2
130924	Soil	19	0.40	166	0.007	<1	1.13	0.006	0.08	<0.1	0.05	3.4	<0.1	<0.05	3	<0.5	<0.2
130925	Soil	17	0.36	158	0.006	<1	1.09	0.005	0.07	<0.1	0.04	3.3	<0.1	<0.05	3	0.7	<0.2
130926	Soil	17	0.34	127	0.007	<1	0.92	0.005	0.05	0.1	0.05	2.8	<0.1	<0.05	3	0.5	<0.2
130927	Soil	11	0.29	96	0.005	<1	0.64	0.005	0.06	<0.1	0.05	3.2	<0.1	<0.05	2	0.7	<0.2
130928	Soil	16	0.25	68	0.008	<1	1.01	0.004	0.05	<0.1	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
130929	Soil	15	0.22	167	0.007	<1	0.95	0.006	0.06	0.1	0.05	2.7	<0.1	<0.05	3	0.5	<0.2
130930	Soil	18	0.27	100	0.015	<1	0.98	0.004	0.05	0.2	0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
130931	Soil	17	0.25	93	0.011	<1	0.99	0.003	0.04	<0.1	0.01	1.6	<0.1	<0.05	4	0.6	<0.2
130932	Soil	18	0.32	181	0.006	<1	1.13	0.005	0.06	0.1	0.04	1.9	<0.1	<0.05	3	0.6	<0.2
130933	Soil	17	0.32	161	0.004	<1	1.19	0.005	0.07	<0.1	0.02	1.9	<0.1	<0.05	4	<0.5	<0.2
130934	Soil	14	0.37	109	0.011	<1	0.93	0.006	0.07	0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
130935	Soil	16	0.40	129	0.007	<1	0.93	0.006	0.08	<0.1	0.07	2.4	<0.1	<0.05	3	<0.5	<0.2
130936	Soil	16	0.37	146	0.009	<1	1.02	0.005	0.06	<0.1	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
130937	Soil	16	0.39	181	0.006	<1	1.08	0.005	0.07	<0.1	0.02	2.3	<0.1	<0.05	3	0.6	<0.2
130938	Soil	17	0.32	126	0.009	<1	1.03	0.004	0.07	0.1	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
130939	Soil	14	0.38	145	0.005	1	0.97	0.005	0.07	<0.1	0.05	2.2	<0.1	<0.05	3	0.7	<0.2
130940	Soil	16	0.41	152	0.005	<1	1.13	0.006	0.08	<0.1	0.04	2.2	<0.1	<0.05	3	0.8	<0.2
130941	Soil	15	0.35	128	0.005	<1	0.91	0.005	0.07	<0.1	0.04	2.0	<0.1	<0.05	3	<0.5	<0.2
130942	Soil	17	0.38	159	0.006	<1	1.01	0.005	0.09	0.1	0.04	2.0	<0.1	<0.05	3	0.6	<0.2
130943	Soil	18	0.43	153	0.005	<1	1.11	0.004	0.08	<0.1	0.05	2.2	<0.1	<0.05	3	<0.5	<0.2
130944	Soil	15	0.28	86	0.007	<1	0.80	0.004	0.07	0.1	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
130945	Soil	13	0.36	111	0.005	<1	0.85	0.004	0.06	<0.1	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
130946	Soil	15	0.43	170	0.004	2	0.98	0.006	0.07	<0.1	0.04	1.8	<0.1	<0.05	3	0.9	<0.2
130947	Soil	14	0.26	87	0.007	<1	0.88	0.004	0.07	0.1	0.02	1.1	<0.1	<0.05	3	<0.5	<0.2
130948	Soil	16	0.34	141	0.006	<1	1.13	0.005	0.06	0.1	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
130949	Soil	15	0.31	146	0.007	<1	1.02	0.003	0.06	0.1	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
130950	Soil	17	0.40	198	0.008	1	1.24	0.005	0.06	0.1	0.02	2.4	<0.1	<0.05	3	<0.5	<0.2
130951	Soil	13	0.26	109	0.007	<1	0.91	0.004	0.06	0.1	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
130952	Soil	18	0.36	139	0.009	<1	1.06	0.005	0.06	0.1	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2

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Project: MLM2013  
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# CERTIFICATE OF ANALYSIS

WHI13000323.1

	Method	1DX15																				
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01	0.001	1
130953	Soil	0.6	15.2	12.1	41	<0.1	16.0	5.5	163	2.01	16.2	1.5	7.2	11	<0.1	3.6	0.2	26	0.12	0.015	24	
130954	Soil	0.9	9.4	10.7	34	<0.1	10.3	4.1	127	1.83	20.5	2.0	5.1	9	<0.1	5.3	0.2	39	0.09	0.013	19	
130955	Soil	1.1	27.3	13.2	53	<0.1	21.2	10.5	281	2.56	30.5	5.5	7.9	8	0.1	5.5	0.2	36	0.07	0.022	20	
130956	Soil	3.1	37.8	24.8	59	0.1	25.7	14.4	1002	3.46	72.1	8.1	7.5	19	0.2	25.3	0.3	22	0.30	0.044	21	
130957	Soil	1.4	13.6	14.6	51	<0.1	12.8	6.1	168	2.98	49.1	4.4	7.1	6	<0.1	9.9	0.2	34	0.05	0.017	24	
130958	Soil	0.7	32.2	31.8	70	<0.1	31.6	20.4	779	4.09	39.1	6.7	10.9	24	0.1	13.0	0.4	12	0.66	0.053	21	
130959	Soil	1.1	35.6	16.9	65	0.2	28.9	14.2	636	2.88	61.2	14.8	5.7	34	0.3	19.8	0.3	28	0.57	0.064	17	
130960	Soil	1.5	27.0	14.5	61	<0.1	25.1	12.6	528	2.97	58.3	7.2	8.0	9	<0.1	9.9	0.2	45	0.07	0.034	23	



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# CERTIFICATE OF ANALYSIS

WHI13000323.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
130953	Soil	16	0.33	121	0.009	<1	1.07	0.004	0.04	0.1	0.01	1.3	<0.1	<0.05	3	<0.5	<0.2
130954	Soil	18	0.30	119	0.018	<1	1.15	0.004	0.05	0.1	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
130955	Soil	22	0.37	168	0.015	<1	1.45	0.004	0.04	0.2	0.03	2.6	<0.1	<0.05	4	<0.5	<0.2
130956	Soil	15	0.27	207	0.005	<1	1.05	0.004	0.04	0.1	0.04	2.7	<0.1	<0.05	3	<0.5	<0.2
130957	Soil	16	0.23	68	0.010	<1	1.07	0.003	0.03	0.1	<0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
130958	Soil	9	0.19	90	0.004	<1	0.55	0.004	0.06	<0.1	0.02	2.2	<0.1	<0.05	1	<0.5	<0.2
130959	Soil	20	0.36	240	0.007	<1	1.07	0.005	0.05	0.2	0.06	3.3	<0.1	<0.05	3	0.7	<0.2
130960	Soil	28	0.43	249	0.031	<1	1.56	0.005	0.05	0.2	0.03	3.5	<0.1	<0.05	4	<0.5	<0.2

## QUALITY CONTROL REPORT

WHI13000323.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	
Pulp Duplicates																					
130803	Soil	0.5	22.2	18.5	36	<0.1	16.7	7.5	233	2.08	12.8	2.7	3.7	48	0.1	3.4	0.3	23	0.76	0.032	22
REP 130803	QC	0.5	21.8	18.2	38	<0.1	16.3	7.6	229	2.04	12.3	2.5	3.5	45	<0.1	3.4	0.3	24	0.73	0.031	22
130805	Soil	0.6	26.9	15.9	46	<0.1	25.4	10.2	299	2.69	20.8	3.1	6.4	10	<0.1	4.4	0.2	32	0.09	0.028	22
REP 130805	QC	0.6	27.3	16.2	47	<0.1	24.8	10.4	303	2.76	21.1	4.4	6.4	10	<0.1	4.4	0.2	32	0.09	0.029	22
130839	Soil	0.4	30.8	15.6	58	<0.1	23.1	10.5	595	2.56	44.0	7.3	7.9	21	0.1	20.0	0.2	12	0.39	0.048	21
REP 130839	QC	0.5	29.9	15.5	59	0.1	22.0	10.8	553	2.59	44.8	6.4	7.9	21	<0.1	22.0	0.2	12	0.36	0.048	21
130841	Soil	0.4	33.8	20.0	57	<0.1	25.3	10.8	497	2.92	63.9	8.1	8.7	22	<0.1	21.4	0.2	12	0.51	0.046	20
REP 130841	QC	0.5	33.9	20.3	57	<0.1	25.6	11.0	484	2.88	63.5	6.4	8.4	23	<0.1	22.5	0.2	11	0.55	0.049	21
130875	Soil	0.9	39.6	32.9	73	0.1	25.6	18.2	904	3.70	58.0	8.6	11.2	31	0.1	8.0	0.5	16	0.51	0.070	26
REP 130875	QC	1.0	40.3	32.1	72	0.1	25.7	17.9	897	3.61	56.7	8.4	11.2	31	<0.1	7.7	0.5	14	0.53	0.069	25
130878	Soil	0.9	43.8	25.7	41	0.2	27.1	16.8	622	2.58	13.2	1.4	2.2	41	0.1	1.2	0.3	13	0.69	0.099	17
REP 130878	QC	0.9	46.5	25.2	38	0.2	28.3	17.0	645	2.63	13.1	0.8	1.9	45	0.1	1.3	0.3	13	0.73	0.108	17
130914	Soil	0.9	42.9	24.2	83	<0.1	34.3	15.8	866	3.32	59.4	10.4	11.3	54	0.2	7.6	0.4	8	2.62	0.122	21
REP 130914	QC	0.8	42.7	24.4	84	0.1	36.8	17.0	895	3.34	60.7	11.4	11.5	57	0.3	7.8	0.4	8	2.63	0.120	22
130916	Soil	0.4	28.6	22.4	62	0.1	23.6	11.8	740	2.57	53.1	10.1	5.6	49	0.1	3.0	0.3	13	1.01	0.069	16
REP 130916	QC	0.4	29.2	21.9	65	0.1	24.0	12.1	747	2.66	52.3	10.7	5.7	50	0.2	2.9	0.3	13	0.97	0.068	16
130950	Soil	0.6	18.8	17.8	50	<0.1	18.5	10.9	397	2.66	25.1	3.3	8.3	40	<0.1	6.1	0.3	26	0.38	0.028	19
REP 130950	QC	0.5	19.4	19.0	52	<0.1	18.8	11.3	401	2.68	25.4	4.0	8.3	40	<0.1	6.3	0.3	26	0.39	0.029	19
130952	Soil	1.0	20.5	16.6	57	0.1	18.7	7.3	243	2.28	23.6	3.7	5.6	14	<0.1	6.4	0.2	29	0.18	0.030	20
REP 130952	QC	1.1	21.0	17.6	58	<0.1	18.8	7.7	242	2.27	23.9	3.9	5.5	14	0.1	6.1	0.2	30	0.19	0.028	20
Reference Materials																					
STD DS9	Standard	14.5	110.0	130.8	303	1.8	40.9	7.9	593	2.41	25.9	112.7	7.0	79	2.3	5.6	6.1	44	0.77	0.083	17
STD DS9	Standard	13.9	116.2	130.3	321	1.9	41.9	8.4	618	2.46	27.0	118.8	6.9	81	2.5	5.9	6.1	45	0.79	0.085	17
STD DS9	Standard	14.3	111.2	123.8	317	1.8	43.4	7.9	605	2.41	26.8	119.3	7.0	80	2.5	5.7	5.9	41	0.77	0.084	16
STD DS9	Standard	13.2	105.7	131.7	319	1.8	39.0	7.6	605	2.46	25.5	119.2	7.2	84	2.3	5.6	7.0	42	0.77	0.085	17
STD DS9	Standard	13.2	109.7	122.4	304	1.8	40.5	7.5	566	2.31	23.6	124.7	6.7	71	2.3	5.3	6.1	45	0.74	0.077	15
STD DS9 Expected		12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819	13.3
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1



# QUALITY CONTROL REPORT

WHI13000323.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																	
130803	Soil	13	0.23	110	0.008	2	0.92	0.006	0.07	0.1	0.02	1.5	<0.1	<0.05	3	0.5	<0.2
REP 130803	QC	13	0.24	111	0.008	1	0.88	0.006	0.07	0.1	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
130805	Soil	22	0.37	187	0.018	1	1.50	0.005	0.05	0.2	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
REP 130805	QC	22	0.37	192	0.019	2	1.50	0.006	0.05	0.1	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
130839	Soil	11	0.30	92	0.006	2	0.80	0.006	0.06	<0.1	0.03	1.6	<0.1	<0.05	2	<0.5	<0.2
REP 130839	QC	11	0.30	95	0.006	2	0.80	0.006	0.06	<0.1	0.04	1.7	<0.1	<0.05	2	<0.5	<0.2
130841	Soil	10	0.26	88	0.006	2	0.72	0.005	0.06	<0.1	0.03	1.9	<0.1	<0.05	2	0.5	<0.2
REP 130841	QC	11	0.29	87	0.006	2	0.73	0.006	0.06	<0.1	0.03	2.0	<0.1	<0.05	2	<0.5	<0.2
130875	Soil	18	0.63	127	0.003	<1	1.41	0.005	0.04	<0.1	0.04	1.9	<0.1	0.06	3	<0.5	<0.2
REP 130875	QC	17	0.61	125	0.002	2	1.38	0.004	0.04	<0.1	0.05	2.0	<0.1	0.05	4	<0.5	<0.2
130878	Soil	15	0.42	138	0.005	2	0.89	0.006	0.05	<0.1	0.07	1.2	<0.1	0.09	3	<0.5	<0.2
REP 130878	QC	15	0.42	141	0.005	2	0.91	0.006	0.05	<0.1	0.08	1.1	<0.1	0.10	3	0.7	<0.2
130914	Soil	11	1.45	43	0.004	1	0.62	0.004	0.04	<0.1	0.03	2.1	<0.1	<0.05	2	<0.5	<0.2
REP 130914	QC	11	1.39	45	0.005	1	0.65	0.004	0.04	<0.1	0.03	2.3	<0.1	<0.05	2	0.9	<0.2
130916	Soil	13	0.33	120	0.006	2	0.78	0.006	0.06	<0.1	0.04	2.1	<0.1	<0.05	2	<0.5	<0.2
REP 130916	QC	13	0.32	116	0.006	1	0.79	0.009	0.07	<0.1	0.06	2.1	<0.1	<0.05	2	0.8	<0.2
130950	Soil	17	0.40	198	0.008	1	1.24	0.005	0.06	0.1	0.02	2.4	<0.1	<0.05	3	<0.5	<0.2
REP 130950	QC	17	0.40	196	0.008	<1	1.22	0.005	0.06	<0.1	0.04	2.5	<0.1	<0.05	3	<0.5	<0.2
130952	Soil	18	0.36	139	0.009	<1	1.06	0.005	0.06	0.1	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
REP 130952	QC	17	0.36	139	0.010	<1	1.07	0.005	0.06	0.1	<0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
Reference Materials																	
STD DS9	Standard	127	0.65	330	0.126	2	1.02	0.100	0.42	3.3	0.21	2.8	5.2	0.05	5	5.3	5.4
STD DS9	Standard	126	0.64	312	0.129	2	1.03	0.091	0.43	3.1	0.21	2.7	5.4	0.08	5	6.2	5.5
STD DS9	Standard	122	0.60	320	0.119	3	0.94	0.089	0.42	2.9	0.21	3.1	5.1	0.12	5	6.9	5.2
STD DS9	Standard	128	0.68	336	0.128	2	1.02	0.096	0.41	3.1	0.20	3.6	5.3	0.18	5	5.5	5.8
STD DS9	Standard	126	0.63	296	0.123	1	0.95	0.076	0.38	2.8	0.20	2.4	5.3	0.09	4	4.9	4.8
STD DS9 Expected		121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



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 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

Client: **Mayo Lake Minerals Inc.**  
 P.O. 158 3232 Carp Rd.  
 Carp K0A 1A0 CANADA

Project: MLM2013  
 Report Date: September 05, 2013

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Part: 1 of 2

## QUALITY CONTROL REPORT

WHI13000323.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1



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 Carp K0A 1A0 CANADA

Project: MLM2013  
 Report Date: September 05, 2013

Page: 2 of 2

Part: 2 of 2

## QUALITY CONTROL REPORT

WHI13000323.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



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Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: Mayo Lake Minerals Inc.
P.O. 158 3232 Carp Rd.
Carp K0A 1A0 CANADA

Submitted By: Tyrell Sutherland/Vern Rampton
Receiving Lab: Canada-Whitehorse
Received: August 22, 2013
Report Date: September 11, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI13000324.1

CLIENT JOB INFORMATION

Project: MLM2013
Shipment ID: Dispatch #4
P.O. Number
Number of Samples: 3

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Procedure Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Contains two rows of sample preparation data.

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT Dispose of Reject After 90 days

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Mayo Lake Minerals Inc.
P.O. 158 3232 Carp Rd.
Carp K0A 1A0
CANADA

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. \*\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA  
 PHONE (604) 253-3158

Client: **Mayo Lake Minerals Inc.**  
 P.O. 158 3232 Carp Rd.  
 Carp K0A 1A0 CANADA

Project: MLM2013  
 Report Date: September 11, 2013

Page: 2 of 2

Part: 1 of 2

# CERTIFICATE OF ANALYSIS

WHI13000324.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
130908	Rock	0.93	<0.1	0.4	39.1	3	<0.1	1.3	0.7	1178	0.55	1.9	0.7	1.4	760	<0.1	0.2	0.4	<2	19.11	0.009
130879	Rock	1.04	0.3	13.3	5.8	49	<0.1	40.6	20.6	548	1.73	3.9	0.8	5.1	5	<0.1	0.2	<0.1	8	0.07	0.023
130876	Rock	1.09	<0.1	10.8	18.7	29	<0.1	14.2	6.9	425	1.77	0.6	0.9	6.1	28	<0.1	0.2	0.2	5	0.55	0.030



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 P.O. 158 3232 Carp Rd.  
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Project: MLM2013  
 Report Date: September 11, 2013

Page: 2 of 2

Part: 2 of 2

# CERTIFICATE OF ANALYSIS

WHI13000324.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
130908	Rock	5	2	0.13	12	<0.001	3	0.06	0.005	0.02	<0.1	<0.01	0.6	<0.1	<0.05	<1	<0.5	<0.2
130879	Rock	9	16	0.45	32	0.002	1	0.79	0.025	0.05	<0.1	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
130876	Rock	13	12	0.64	42	0.002	1	0.75	0.024	0.07	<0.1	<0.01	1.4	<0.1	0.07	2	<0.5	<0.2

## QUALITY CONTROL REPORT

WHI13000324.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Pulp Duplicates																					
130876	Rock	1.09	<0.1	10.8	18.7	29	<0.1	14.2	6.9	425	1.77	0.6	0.9	6.1	28	<0.1	0.2	0.2	5	0.55	0.030
REP 130876	QC		0.2	11.0	21.2	30	<0.1	15.9	7.3	442	1.87	<0.5	<0.5	6.9	30	<0.1	0.2	0.2	5	0.56	0.029
Reference Materials																					
STD DS9	Standard		13.4	98.9	120.3	298	1.8	37.0	7.1	567	2.28	24.5	122.0	5.8	69	2.2	5.6	6.6	38	0.68	0.089
STD DS9	Standard		11.3	103.0	114.2	309	1.8	37.1	7.2	548	2.25	25.9	108.4	5.8	61	2.3	5.7	6.1	39	0.66	0.077
STD DS9 Expected			12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
G1-WHI	Prep Blank		0.2	3.2	3.5	46	<0.1	3.2	4.1	551	1.90	<0.5	2.5	5.4	52	<0.1	<0.1	0.2	34	0.46	0.067

## QUALITY CONTROL REPORT

WHI13000324.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
130876	Rock	13	12	0.64	42	0.002	1	0.75	0.024	0.07	<0.1	<0.01	1.4	<0.1	0.07	2	<0.5	<0.2
REP 130876	QC	16	14	0.69	50	0.001	2	0.77	0.027	0.08	<0.1	<0.01	1.3	<0.1	0.06	2	<0.5	<0.2
Reference Materials																		
STD DS9	Standard	13	118	0.61	313	0.102	3	0.92	0.084	0.39	3.1	0.20	2.2	5.4	0.16	5	5.7	5.2
STD DS9	Standard	10	109	0.58	281	0.097	4	0.87	0.075	0.39	3.0	0.19	2.2	5.0	0.16	5	5.3	5.0
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																		
G1-WHI	Prep Blank	12	8	0.49	158	0.103	3	0.89	0.080	0.50	<0.1	<0.01	2.1	0.4	<0.05	5	<0.5	<0.2



## Appendix E

### Statement of Anderson Claim Group Expenditures

	Units /days	unit cost	Eligible Expenses	Ineligible Expenses	Total
<b>Assays</b>					
Rock	3	\$23.46	\$70.38		\$70.38
Silt and Soil	484	\$19.05	\$9,220.20		\$9,220.20
<b>Contractors</b>					
Tyrell Sutherland - Senior Geologist					
Field days	6	\$400.00	\$2,400.00		\$2,400.00
Travel days	4	\$200.00	\$800.00		\$800.00
Food and lodging			\$390.72	\$24.19	\$414.91
Travel			\$273.90	\$988.24	\$1,262.14
Report preparation and data interpretation	8	\$400.00	\$800.00	\$2,400.00	\$3,200.00
Marty Huber - Geologist					
Field Days	7	\$450.00	\$2,800.00	\$350.00	\$3,150.00
Food and lodging			\$309.38		\$309.38
Darrell Kramer - Technician					
Field Days	7	\$450.00	\$2,450.00	\$700.00	\$3,150.00
<b>Equipment rentals</b>					
Ford F-350	1	\$150.00	\$150.00		\$150.00
Toyota tundra	2	\$150.00	\$300.00		\$300.00
Boat (HarberCraft 115hp)	7	\$75.00	\$525.00		\$525.00
Geochem and camp equipment, generator, food	21	\$100.00	\$2,100.00		\$2,100.00
<b>Consumables</b>					
Fuel (Breakaway Invoice 985)			\$304.69		\$304.69
Fuel (Breakaway Invoice 995)			\$195.31		\$195.31
<b>Total</b>			<b>\$23,089.58</b>	<b>\$4,462.43</b>	<b>\$27,552.01</b>

Expenditure per claim \$70.29