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Assessment Report

On the

Roop Claim Group

GR various,

Describing

2014 Geochemical Survey and Interpretation

105M 15

Latitude 63.8234N, Longitude 134.8256E

In the

Mayo Mining District
Yukon Territory

By

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Introduction

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

This is a report outlining a geochemical sampling program in 2014 between Granite and McKim creeks in the eastern Gustavus range on the western end of the Property. Field work was completed by 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 (“ICP-MS”). Parts of this report are taken verbatim from Rampton and Sutherland 2013. Exceptions being those sections describing actual work completed in 2014 and related observations and interpretations thereof.

Location and Access

The Property consists of 87 contiguous claims located approximately 60 kilometers northeast of Mayo, Yukon, Canada and within NTS map sheet 105M 15. The claims are registered in the Mayo Mining district under the name of Mayo Lake Minerals Inc. The claims are listed in Table 1 below with the location of the claims shown in Figure 1 and Figure 2.

Grant Number	Claim Name	Map Sheet
YE24701-YE24714	GR 201-214	105M 15
YE24735-YE24750	GR 235-250	105M 15
YE46089-YE46098	GR 89-98	105M 15
YE46113-YE46122	GR 113-122	105M 15
YE46141-YE46152	GR 141-152	105M 15
YE46154	GR 154	105M 15
YE46166-YE46185	GR 166-185	105M 15
YE46197-YE46200	GR 197-200	105M 15

Table 1: Claims comprising the Roop Claim Group

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

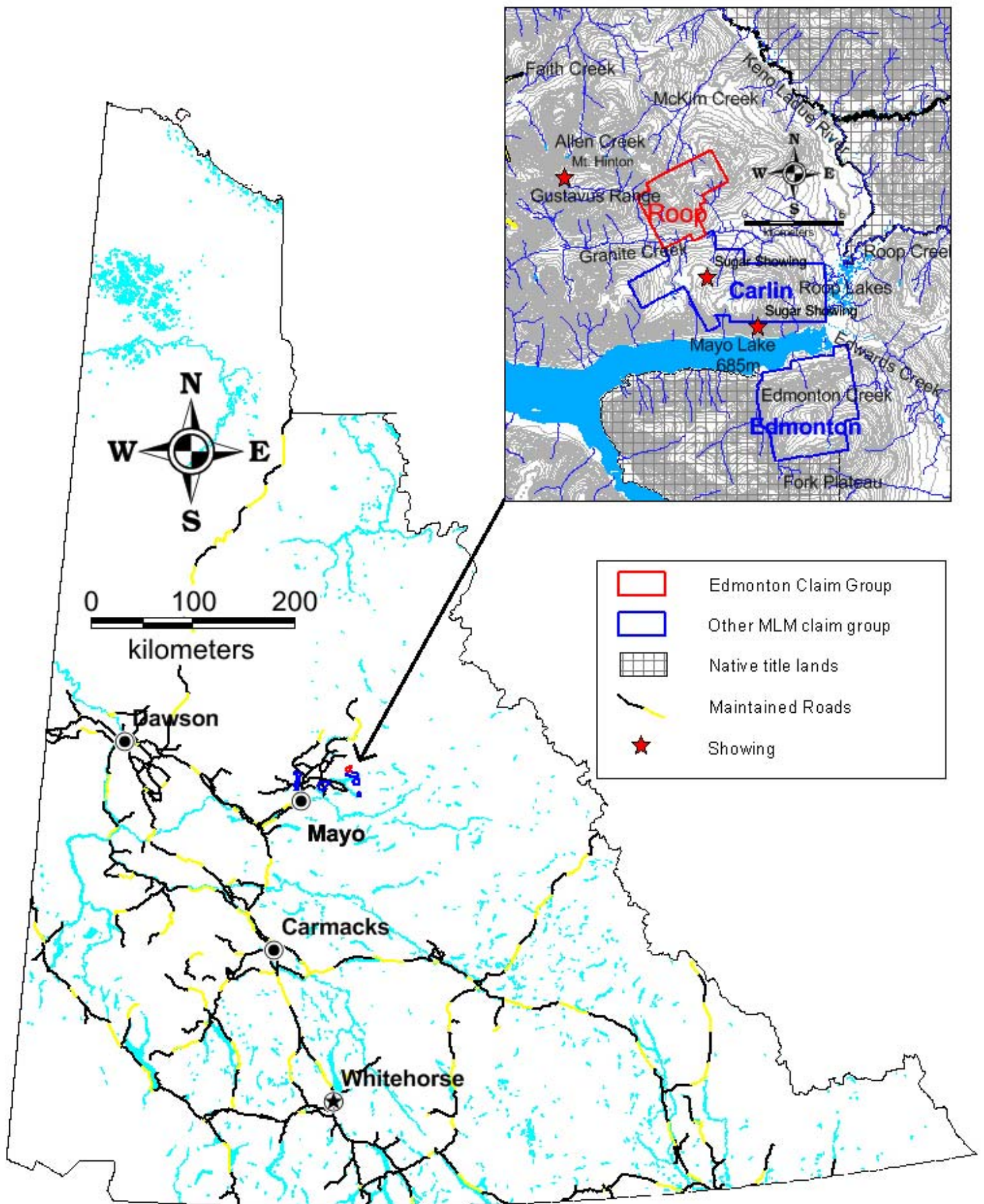


Figure 1: Roop property location

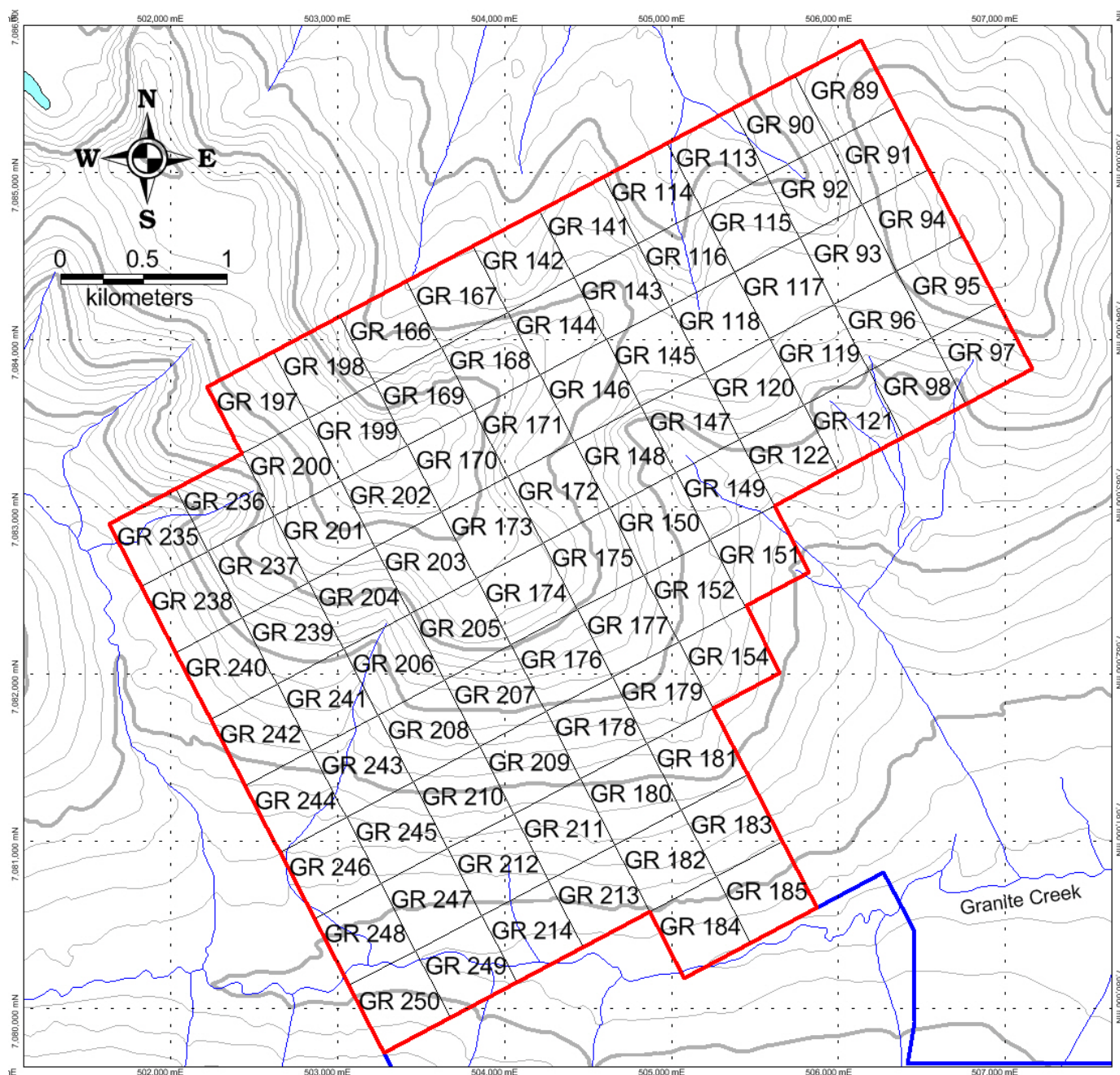


Figure 2: Location of claims in the Roop Claim Group

Previous Work

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. Creeks draining

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

The Property was again stream sediment sampled by the GSC in 1986-87 (Friske 1989). This program consisted of over 3000 samples in an area approximately 200km from east to west and 50km-150km north to south. Several gold anomalies were identified near the Property during this program (Figure 3).

A study by Lynch 2006, described an altered unit of the KHQ situated 20 km southeast of the Keno Hill mining district, between the Property and Mayo Lake. The unit was traced between two showings (Figure1) for 4 km through mapping and sampling and was referred to as the “Sugar Member”. Lynch classifies the unit as a potential host to a sediment-hosted disseminated gold occurrence, on the basis of the stratabound nature of the alteration and veining, and observed decarbonatization and apparent decalcification. Lynch goes on to note that characteristics suggest that the hydrothermal activity occurred within the mesothermal regime rather than the more common epithermal regime of well established, sediment-hosted disseminated gold deposits. Although gold assays returned modest values, the values are distinctly anomalous. Evidence suggests that gold was remobilized in the porous unit due to meteoric circulation and leaching and high grades may be present at depth. Sampling of material that is located below the water table remains a target for drilling.

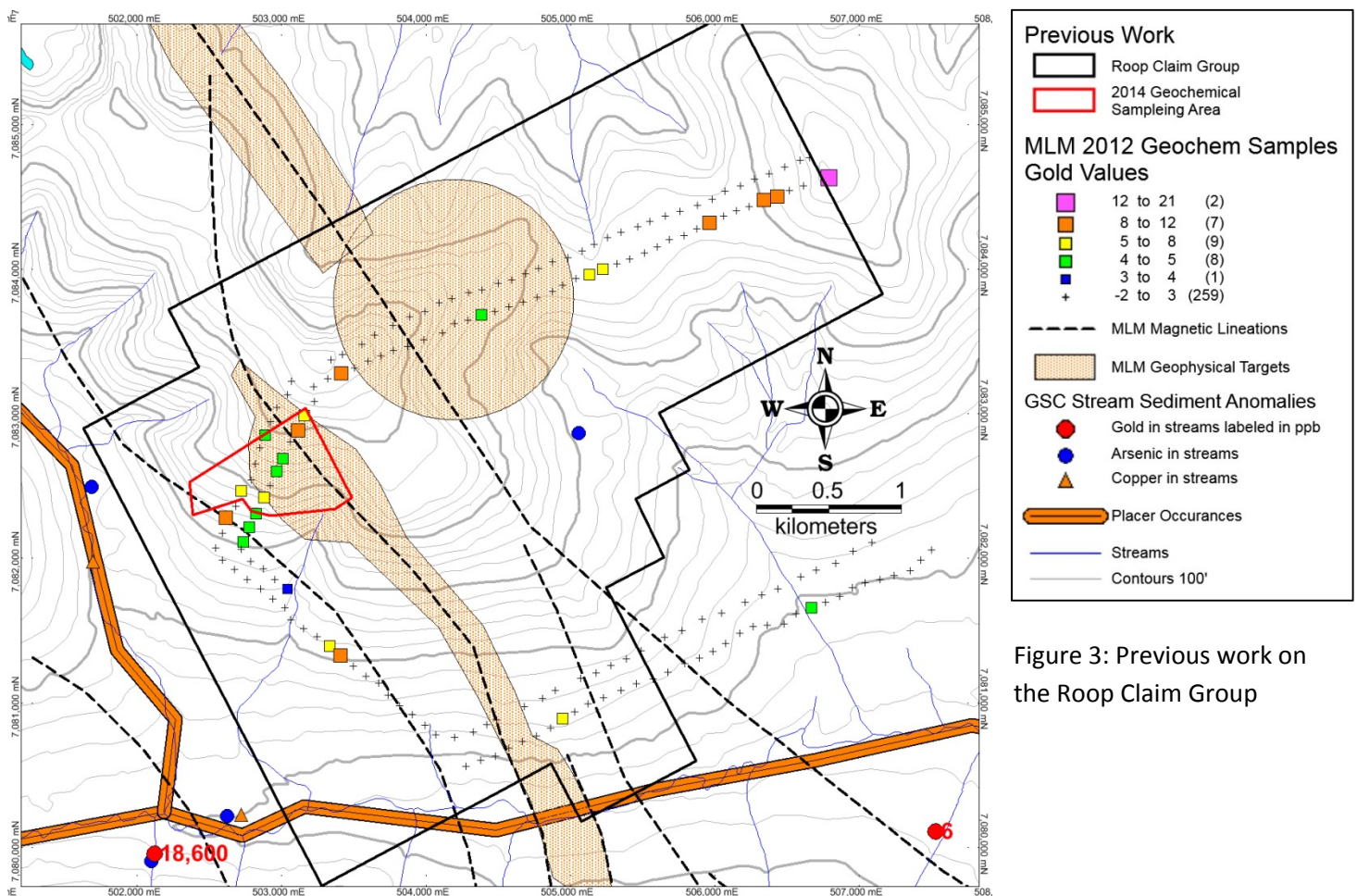


Figure 3: Previous work on the Roop Claim Group

In 2012 MLM undertook an airborne geophysical survey and a geochemical sampling program. MLM contracted the geophysical survey at ~15m above the ground with a 150m line spacing which produced high quality magnetic data (Rampton and Sutherland 2013). GDX Geophysics interpreted the geophysical data and provided MLM with multiple targets from that data (Figure 3).

In 2012 MLM collected over 300 soil and silt samples during a ridge and spur sampling program. This program delineated two geochemical targets (“G.T”), namely G.T.A and G.T.B, on the property requiring further sampling (Figure 4). Soil samples within the valley containing Granite Creek along the south edge of the sampled area generally yielded low results for most elements. This is likely the result of glacial overburden masking bedrock signatures (Rampton and Sutherland 2013).

G.T.A is located at on the western part of the Property and contains anomalous values for As, Au, Br, Cr and Sb and contains scattered Na and W values. This G.T overlaps a magnetic low that was one of the targets designated by GDX. This G.T. is on trend and within the same magnetic low as a target on the Carlin Claim Group south of Granite Creek.

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

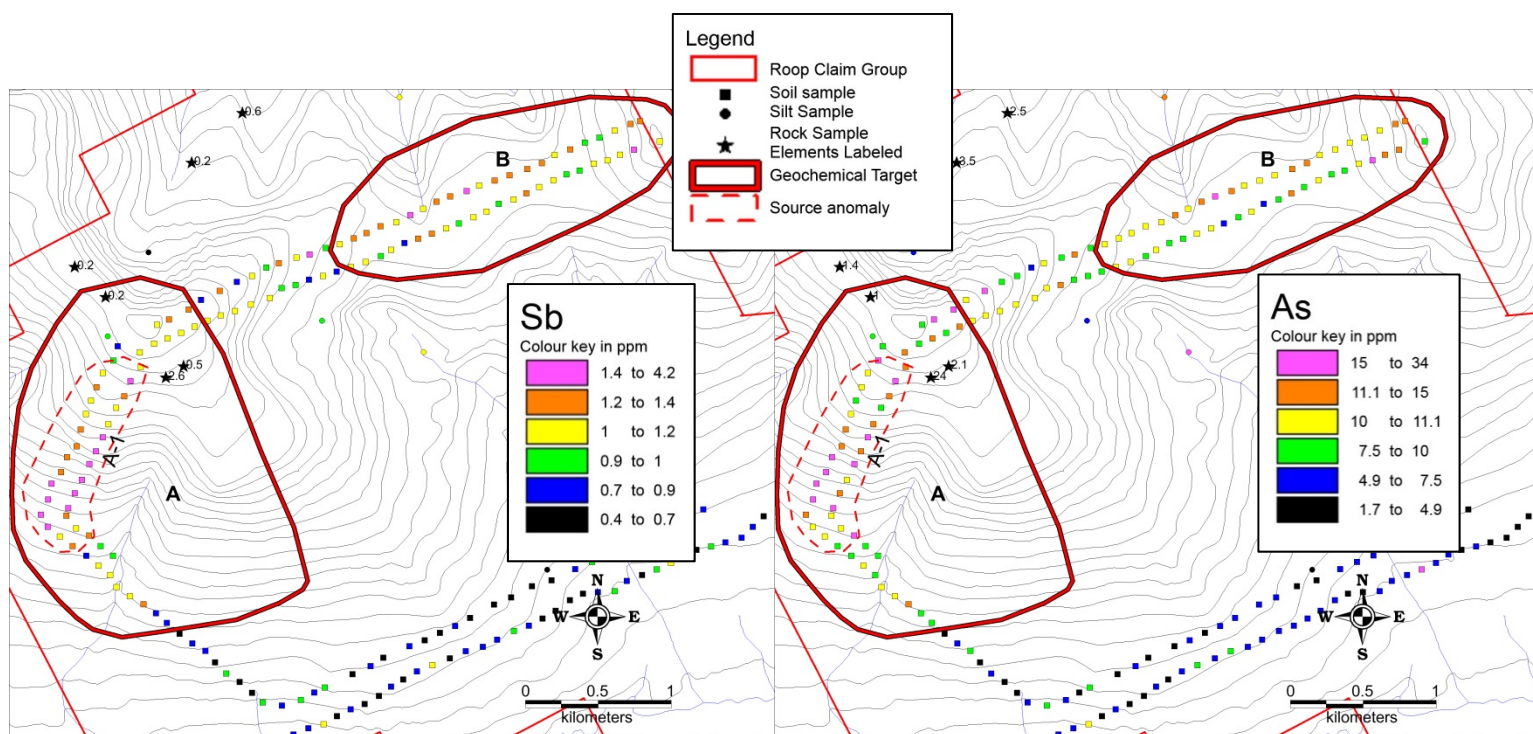


Figure 4: As and Sb in soils from MLM’s 2012 geochemical sampling program

Geomorphology

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

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

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

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

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

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

Regional Geology and Mineralization

The Property is located within the Selwyn Basin in the 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

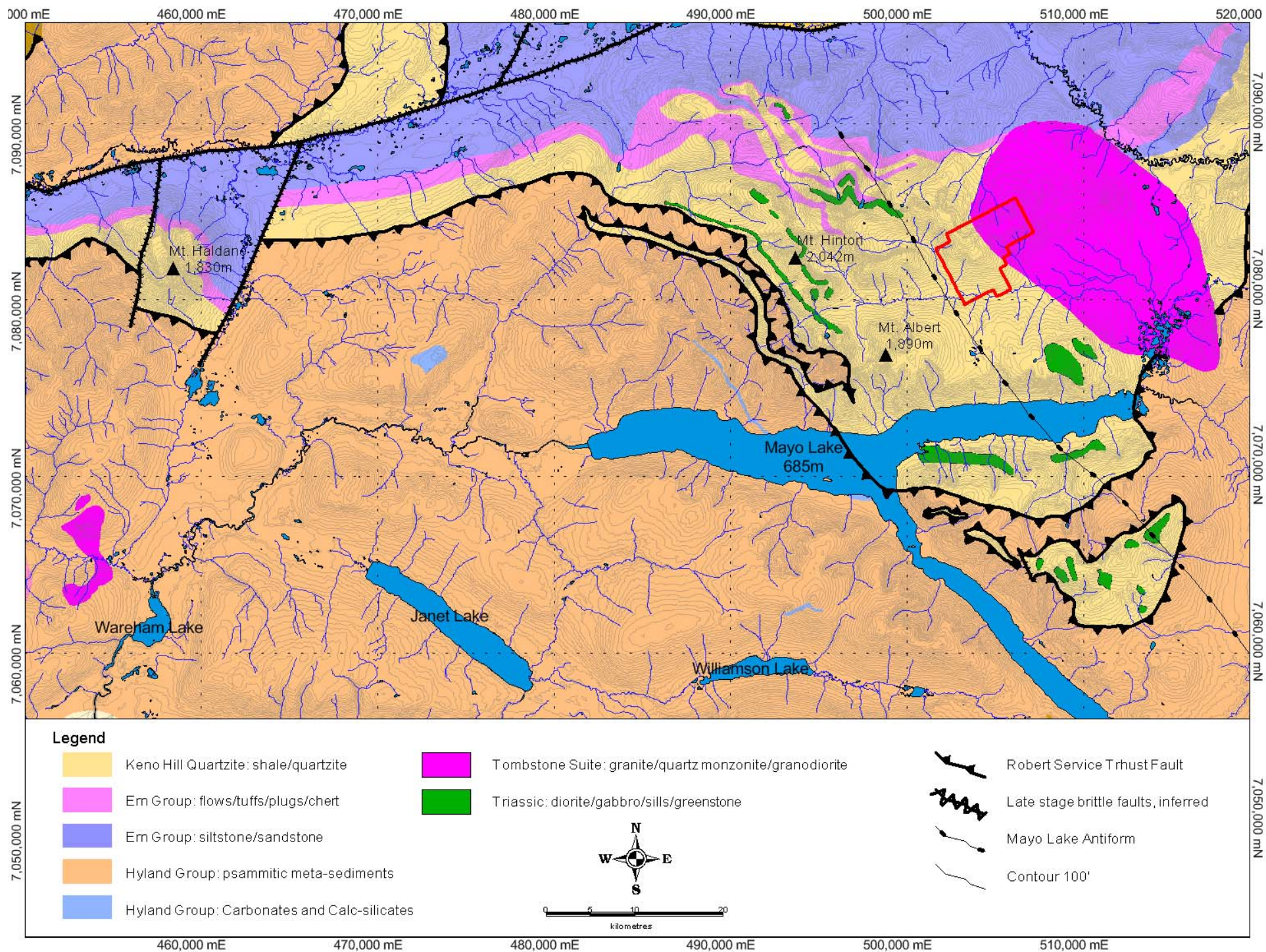


Figure 5: Regional Geology

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 100km² Roop Lakes Stock, west of the Keno Hill Camp, is the largest member of the Tombstone Plutonic Suite and probably drove hydrothermal circulation leading to the mineralization at Keno Hill as referenced by Roots (1997).

The dominant structural features in the area are a pair of imbricated thrust sheets; the RST and the Tombstone Thrust Sheet have over 150km of combined NE directed transport of rock masses. The RST Sheet itself contains many internal thrusts that are commonly difficult to distinguish due to subsequent intense folding of faults and contacts and a strong penetrative structural fabric imparted by the later underlying Tombstone Thrust; the area deformed during this event is often referred to as the Tombstone Strain Zone. Intense folding is especially evident in units immediately around Keno Hill. Large open folds, the McQueston Antiform (E-W) and Mayo Lake Antiform (NW-SE), and several inferred brittle faults were developed after the large thrusting events (Roots 1997).

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 hydrothermal 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 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.

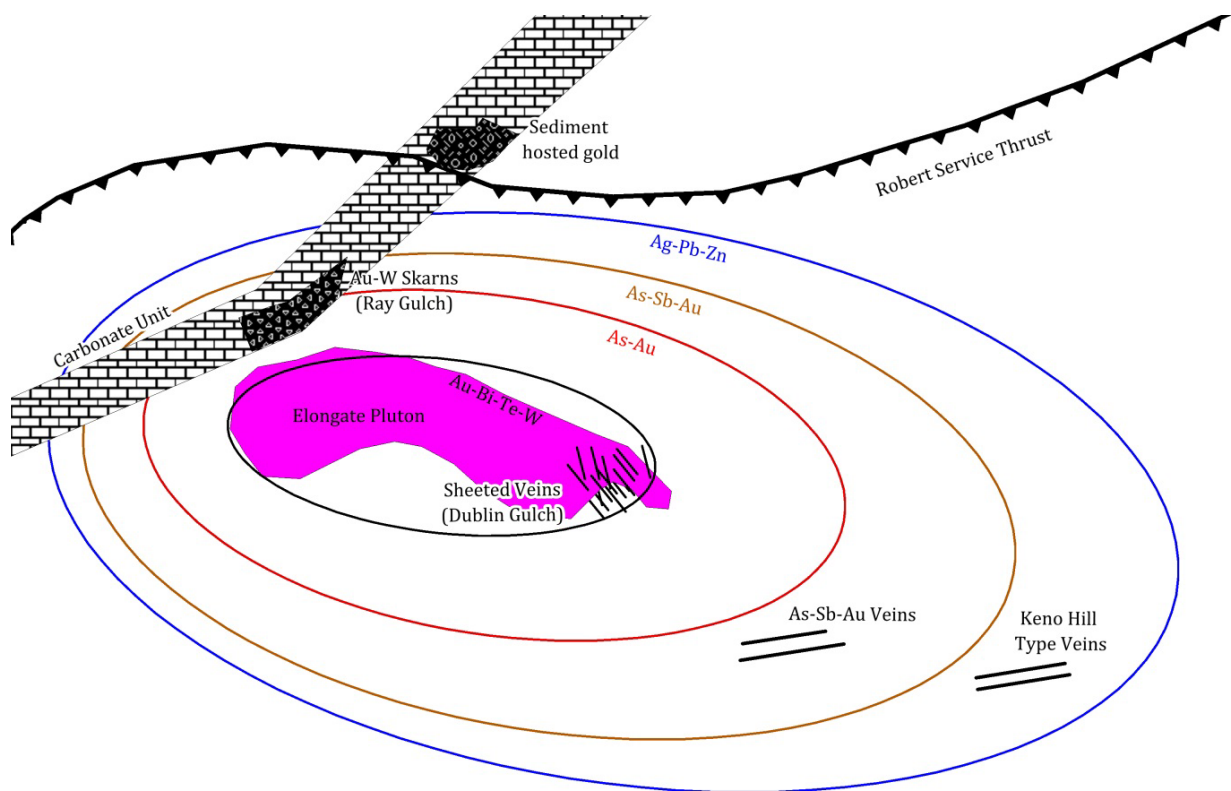


Figure 6: Idealized hydrothermal model for intrusion related gold systems in the Tintina Gold Belt (modified from Hart et. al 2002)

Property Geology

The Property's geology is shown on Figure 7. The Property is underlain by KHQ intruded by Triassic greenstones and the Cretaceous Roop Lakes Stock. A contact metamorphic aureole extends away from the stock up to 4km affecting most units underlying the property.

Stratigraphy

Forming the footwall of the Robert Service Thrust is the KHQ, comprised of massive to well-foliated and lineated quartzite with lesser phyllitic quartzite, chloritic and carbonaceous phyllite and and metavolcanic rocks (Green 1971). This is the primary unit exposed on the west of the Property. Locally KHQ is intercalated with minor andesitic volcanoclastics and meta-pelites.

Intrusions

The Keno Hill area is intruded by Cretaceous age dykes, plugs and stocks of the Tombstone Plutonic Suite. The 100km² Roop Lakes Stock is the largest in the Keno Hill area and underlies the eastern part of the Property. The Roop Lakes stock is porphyritic to megacrystic with alkali feldspar phenocrysts up to 2cm. The main body of the stock is composed of medium grained granodiorite and grades into quartz diorite around the periphery. The stock is ringed by a 100m wide zone extensively cross cut by aplite and pegmatite dykes. Analysis of government aeromagnetics and the presence of two plugs of biotite quartz monzonite indicate that the pluton likely extends southeast at a relatively shallow level.

During 2014 MLM located several pieces of greenstone float that are likely locally derived; these are likely fragments of the Triassic sills that are relatively common within the KHQ possibly radiating from the Gabbro stock to the southeast.

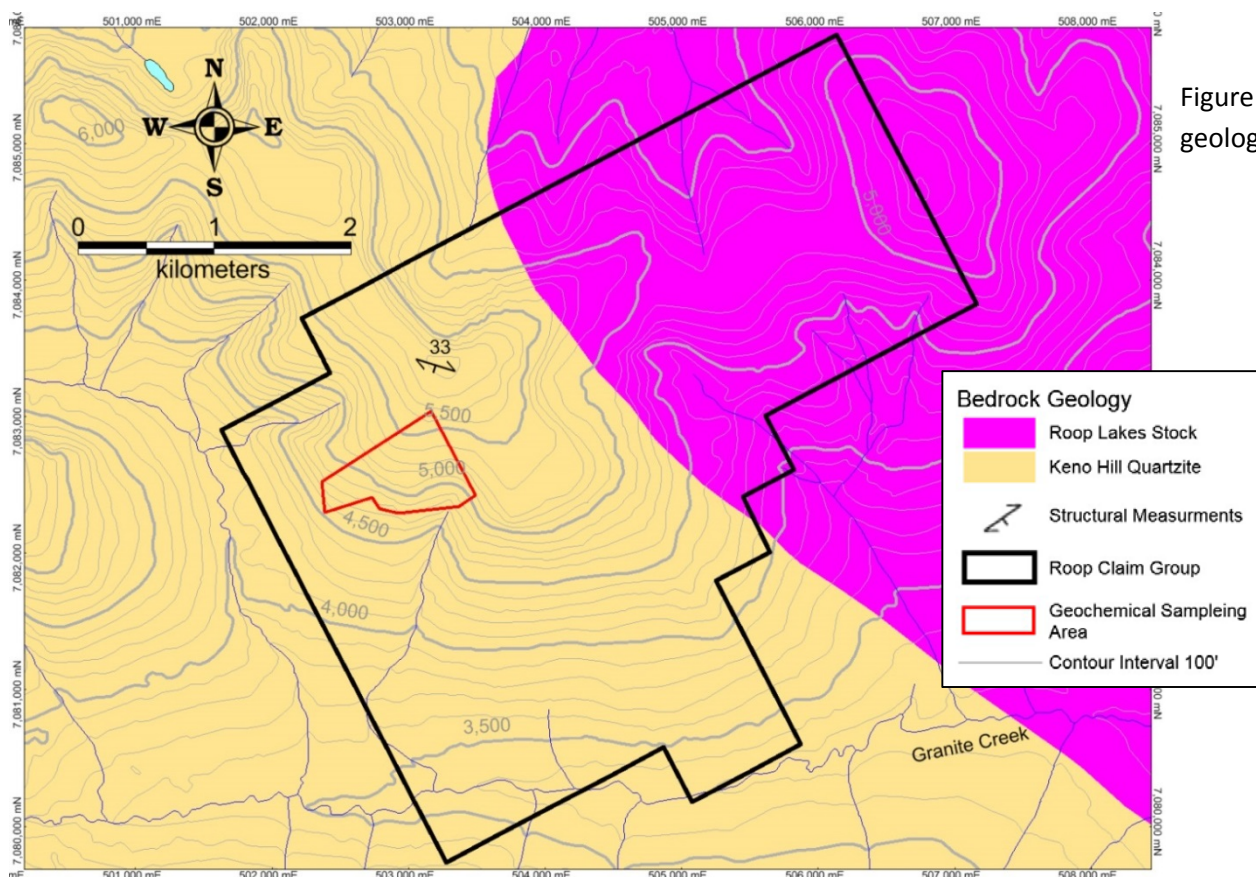


Figure 7: Property geology

Structure

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

Mineralization

The Property is a prospective host to a variety of deposit styles related to the complex Mesozoic and Cenozoic metamorphic, plutonic and volcanic history associated with the formation of the northern Canadian Cordilleran orogeny. The most 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. The nearby showing at Mt Hinton (figure1) contains multiple KHTVs.
- 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 veins: 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 of Carlin-like alteration south of the Property. 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.
- Skarns; similar to the Ray Gulch Tungsten Skarn at Dublin Gulch and showing southeast of the Roop Lakes Stock.

Description of Work

Field operations

MLM visited the Property for three days from August 30th-Sept 1st during which personnel camped on the ridge just to the east of the grid. The crew consisted of four members: two geologists, a sampling technician and a field assistant. One geologist with the field assistant mapped and prospected G.T.A collecting numerous rock samples 17 of which were submitted for analysis. While the second geologist and the sampling technician collected 115 soil samples. The program was hindered by heavy snow and sleet and the crew had to leave the Property earlier than intended.

Soil and silt samples were delivered 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.

Rock samples were delivered to Acme Analytical Laboratories Ltd. preparatory laboratory in Whitehorse, YT. Samples were crushed, pulverised then analysed using neutron activation. Neutron activation analysis was carried out by Becquerel Laboratories Inc. for Sb, Cr, La, Sm, Tb, As, Co, Lu, Sc, Th, Ba, Eu, Hg, Se, Sn, Br, Au, Mo, Ag, W, Ca, Hf, Nd, Na, U, Ce, Ir, Ni, Sr, Yb, Cs, Fe, Rb, Ta and Zn.

Soil Sampling

MLM designed the soil grid to test the combined geochemical-geophysical anomaly within G.T.A, designated A-1 on figure 4. The grid is approximately 1000m by 750m with sample spacing at 100m by 50m. Within the geochemical sampling area there is a relief of ~350m. The terrain is primarily alpine tundra above the treeline with areas of moderate to very steep boulder falls.

Soil sampling was undertaken by MLM personnel supervising and assisting a sampling technician. The soil sampling crew consisted of two members:

Tyrell Sutherland Senior geologist (MLM)

Bradley Sutherland Sampling technician (B.Sutherland consulting)

At each sample site 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. In areas where C horizon was sparse or nonexistent or frozen, B horizon was collected. Sample sites were located using the Garmin GPS Map 62s and recorded in a field book and sample book. An identification ticket containing the sample number is attached at the location. Samplers collected a duplicate sample every 33rd samples. Sample data was also entered into a database upon returning to camp at the end of each day

In areas where C horizon was sparse or nonexistent, B horizon was collected. Some very steep boulder falls prevented the accumulation of any soil; in this case samplers would attempt to find a sample site within 25m, if possible.

Prospecting and Mapping Activity

MLM contracted John Adams to map and prospect on the property and identify a possible extension of the Sugar Member described by Lynch (2006). Adams collected numerous rock samples, 17 of which were submitted for analysis. He was assisted by Gary Gordon, a resident of Mayo Lake and employee of the Na-Cho Nyak Dun Development Corporation. The location and description of analyzed rock and silt samples can be found in Appendix E.

Observations and Results

Prospecting and Mapping Observations

Felsomere and talus are abundant on the Property and appear to be proximal to their source. Felsomere and talus are predominantly grey to pink, pure to graphitic saccharoidal quartzite with minor interbedded andesite, graphitic schist and rare diabase. Limonitic alteration is common, and is locally abundant with gossans containing quartzite in a goethite-limonite-hematite matrix. These gossans are generally barren though one sample did yield 13ppb Au. No examples of carlin-like alteration were identified.

Geochemical Results and interpretations

One hundred and fifteen soil samples were collected along eight lines. These lines transected multiple geophysical lineaments within a geochemical anomaly previously identified as A-1 (figure 4) from 2012.

Analysis of submitted duplicates indicates that results were acceptable, although the nugget effect may have influenced the gold analytical results.

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

There are two distinct multi-element geochemical anomalies delineated by the soil grid, described here as R1 and R2 (Figure 8). Most elements indicate mass movement down slope with anomalies generally stretched to the south.

R1 is an oval shaped 350m by 250m zone on the north central portion of the grid. This anomaly is bisected by several boulder falls within which some elements do not show anomalous or enhanced values. There is a linear magnetic low which increases in width within the project area, suggesting a thickening of a lithological unit or area of alteration (Figure 8). R1 is delineated by anomalous or elevated values of Au, Ca, Co, Cu, Na, Ni, Sc, Ti (Figure 9 and 10). Elevated Au and several other elements within and around R1 are associated but are not mutually anomalous, with the Au typically being strongest around the southern edge of R1 and most other elements strongest within the center of R1. The Au anomaly in R1 forms two distinct lobes immediately adjacent to the two strongest Hg anomalies bisected by a boulder fall, the eastern lobe returned values up to 24ppb Au, and the western lobe yielded values up to 21 ppb along the western edge of R1. The western lobe of the Au anomaly extends beyond R1 towards R2 possibly due to mass movement downslope or interaction of R1 and R2; however it does fall within the same mag low as R1. Several elements are also anomalous in a halo around R1

(Mg, Mo, Pb, Hg and K) and/or following the magnetic low southeast from R1 (Al, Co, Hg, Mg, Mn, Pb and Zn). The circular shape of R1 suggests a plug or point source, however lithological control cannot be ruled out as it may appear circular due to masked values within the boulder falls to the southeast. An additional explanation could be a plunging fold axis since such a feature could express with features of both a circular source and linear trend. Further investigation will be required to determine the nature of R1.

R2 is a linear trend of elevated Al, Co, Fe, Mg, Mn, Ni, V and Zn values crossing all lines along the western quarter of the grid. Many elements also appear to have truncated anomalies or different backgrounds on either side of this anomaly. Notably there are high Au values up to 9.2ppb along the eastern edge of this anomaly. Al is depleted in samples along the east side of this anomaly coincident with elevated Au. The change in background values and parallel gold anomaly suggest faulting or fracture sets associated with a dyke or bedrock contact. The Au anomaly on the edge of R2 corresponds with a slight magnetic high.

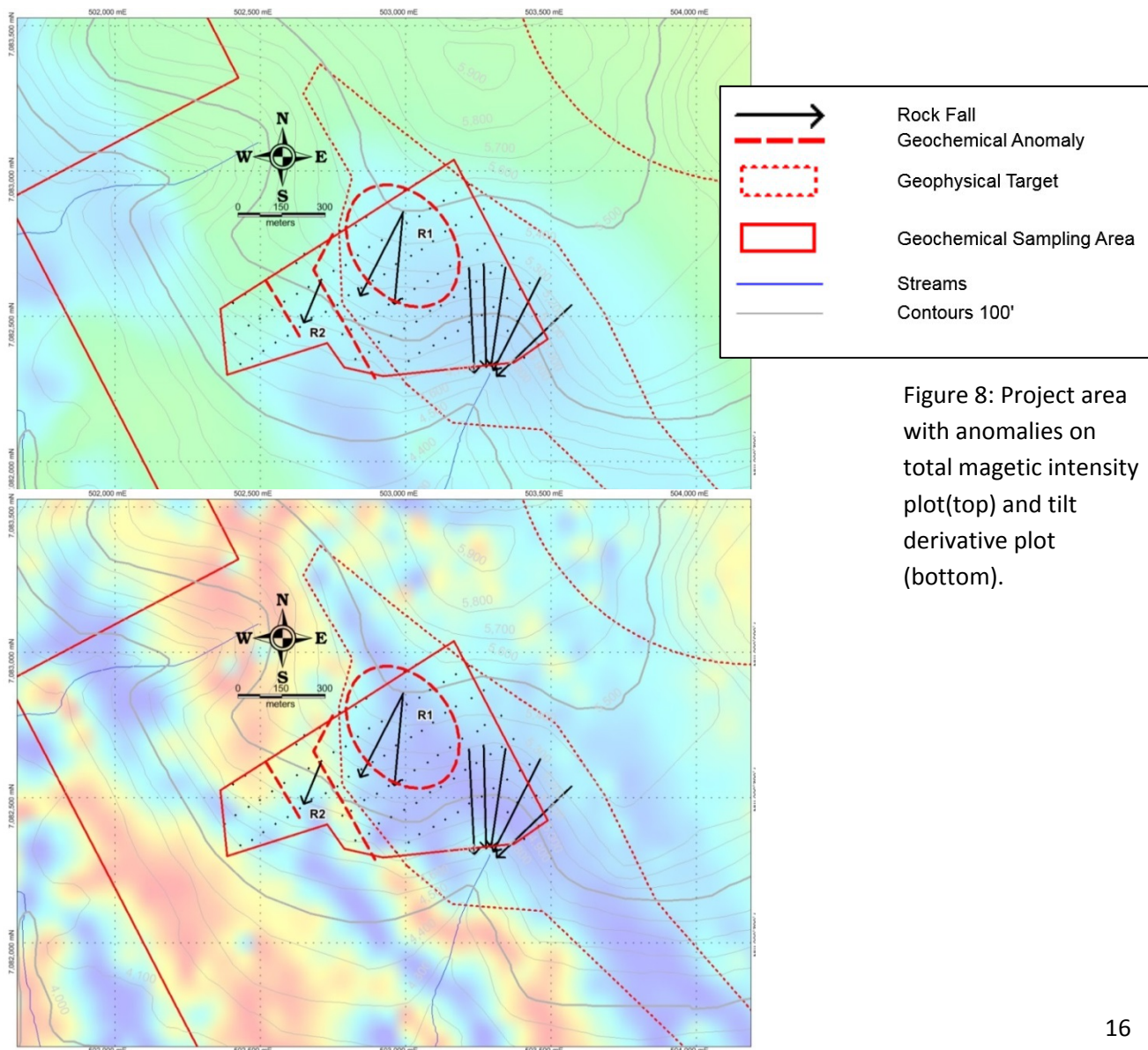


Figure 8: Project area with anomalies on total magnetic intensity plot (top) and tilt derivative plot (bottom).

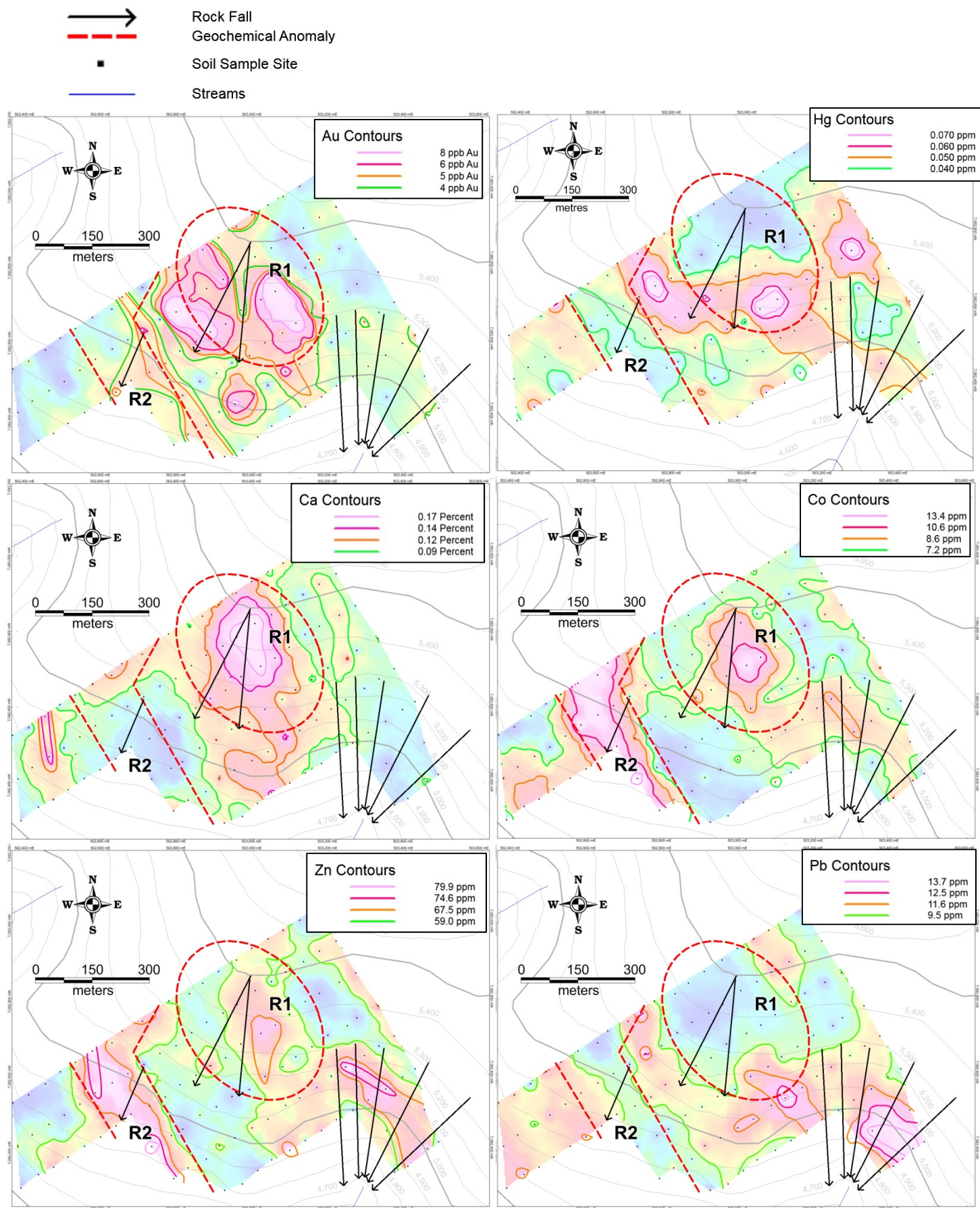


Figure 9: Au, Hg, Ca, Co, Zn and Pb geochemical anomalies in soils

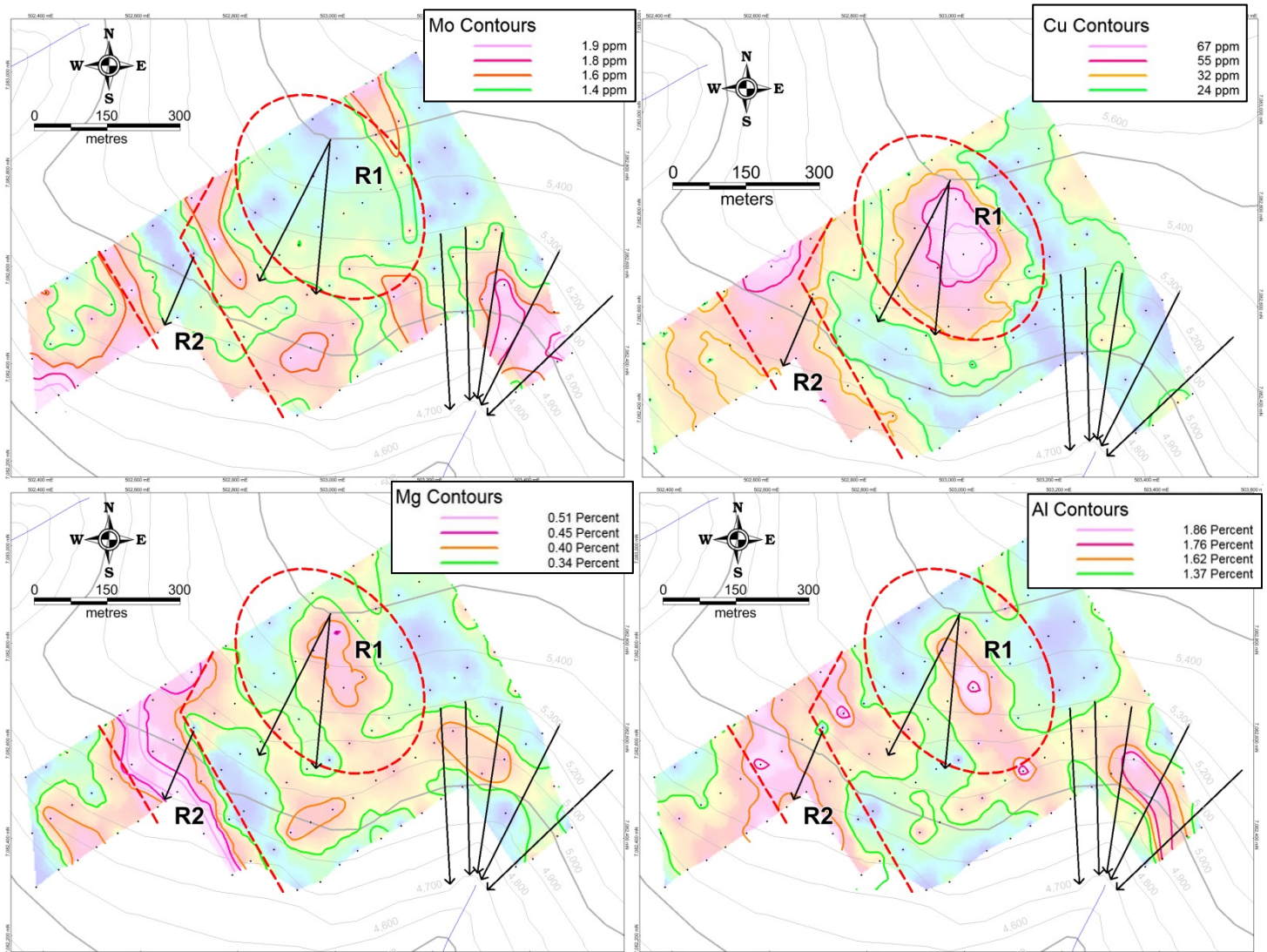


Figure 10: Mo, Cu, Mg and Al geochemical anomalies in soils

Discussion and Conclusions

Regional Interpretations

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. Targets 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.

Property Interpretations

The Property could well host deposits related to the Roop Lakes Stock or similar smaller intrusions. Mineralization could be steeply dipping sheeted gold veins and stockworks (reduced intrusion related gold) or brecciated orogenic gold veins within both intrusive and metasedimentary host rocks. Carbonate horizons may react with mineralizing fluids and host any gold-arsenic-copper-bismuth-tungsten skarns or Carlin-type mineralization. Keno Hill type Pb-Ag veins, which have been located on multiple adjacent properties, notably at Mount Hinton (figure 1) less than 3km away cannot be ruled out on the property though are unlikely within the 2014 project area.

The project area on Roop is on strike within the same magnetic low as carlin-type alteration located 5km to the south at the Sugar Showings (Figure 1). Detailed mapping of the Sugar Showings identified Triassic greenstones in close proximity to the Sugar Member in both localities indicating a possible relationship. This with anomalous Co, Cu and Ni suggest that any shallow intrusions or dykes present within the project area are likely mafic in nature, probably related to the Triassic greenstones or gabbros. The anomalous mafic indicators in conjunction with high Ca values, close Au-Hg association and geophysical lineations suggest a possible carlin-type provenance for the anomalous Au values at R1. Outcrops of the Sugar Member, which has an apparent thickness of 3m-15m, are potentially not exposed due to steep topography and abundant talus and felsomere.

The change in background values across R2 suggest veining associated with a fault, dyke or bedrock contact and the slight magnetic high strongly suggests a dyke, likely of mafic composition. For both R1 and R2 a likely candidate for economic mineralization is orogenic type gold veins this is supported by the apparent interaction between R1 and R2 as well as the decoupling of the gold anomaly at R1 from the major multi-element anomaly at R1. Further sampling and prospecting is needed to discern the nature of R1.

Recommended Future Exploration

Infill lines over described geochemical anomalies and trends and other areas of high Au, Ag, As, Hg, Pb and Zn values should be completed with the aim of increasing sample resolution over anomalies to 50m by 50m. 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 analysis or used to delineate trenching and or drilling targets directly.

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Appendix A

Statement of Qualifications

Tyrell Sutherland B.Sc. P.Geo.

Mayo Lake Minerals Inc.

P.O. Box 158, 107 Falldown Lane

Carp, Ontario. K0A 1L0

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

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

1. I am an authorized agent of Mayo Lake Minerals Inc.
2. I graduated with a B.Sc. Honors Specialization Geology, from the University of Ottawa in 2009.
3. I am a member in good standing of the Association of Professional Geoscientists of Ontario.
4. I have worked as a geologist for approximately 6 years, specifically in mineral exploration, in Canada, Australia, Jamaica and China.
5. I fulfill the requirements of a "qualified person" for the purposes of N.I. 43-101.
6. I am the senior co-author and to the best of my knowledge all data used in the preparation of the technical report titled "Assessment Report on the Roop Claim Group Describing the 2014 Geochemical Survey and Interpretation" is correct and of good quality. The technical information contained within the report was collected under my supervision and I was primarily responsible for its interpretation.

Dated the 11th day of February, 2015



Tyrell Brodie Sutherland

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

Rampton Resources Group Inc.

P.O. Box 158, Falldown Lane

Carp, Ontario. K0A 1L0

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

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

1. I am President of Rampton Resource Group Inc. and President and CEO of Mayo Lake Minerals Inc.
2. I graduated with a B.Sc. Eng. (Geology) from University of Manitoba in 1962 and with a Ph.D. (Geology) from University of Minnesota in 1969.
3. I am a member of the Professional Engineers of Ontario.
4. I have worked as a geologist for over 50 years, specifically in mineral exploration for the last 40 years, in Canada, Slovakia, Finland, Spain, Burkina Faso, Jamaica and the United States of America.
5. By reason of my education, affiliation with a professional organization (as defined in N.I. 43-101) and past relevant work experience, I fulfill the requirements of a "qualified person" for the purposes of N.I. 43-101.
6. By reason of my being CEO, President and a Director and my share holdings in Mayo Lake Minerals Inc., I am not an "independent qualified person" for the purposes of N.I. 43-101.
7. I am a co-author of the technical report titled "Assessment Report on the Roop Claim Group Describing the 2014 Geochemical Survey and Interpretation".

Dated the 11th day of February, 2015



Vernon Neil Rampton

Appendix B

Sample Collection Data

Soil Samples

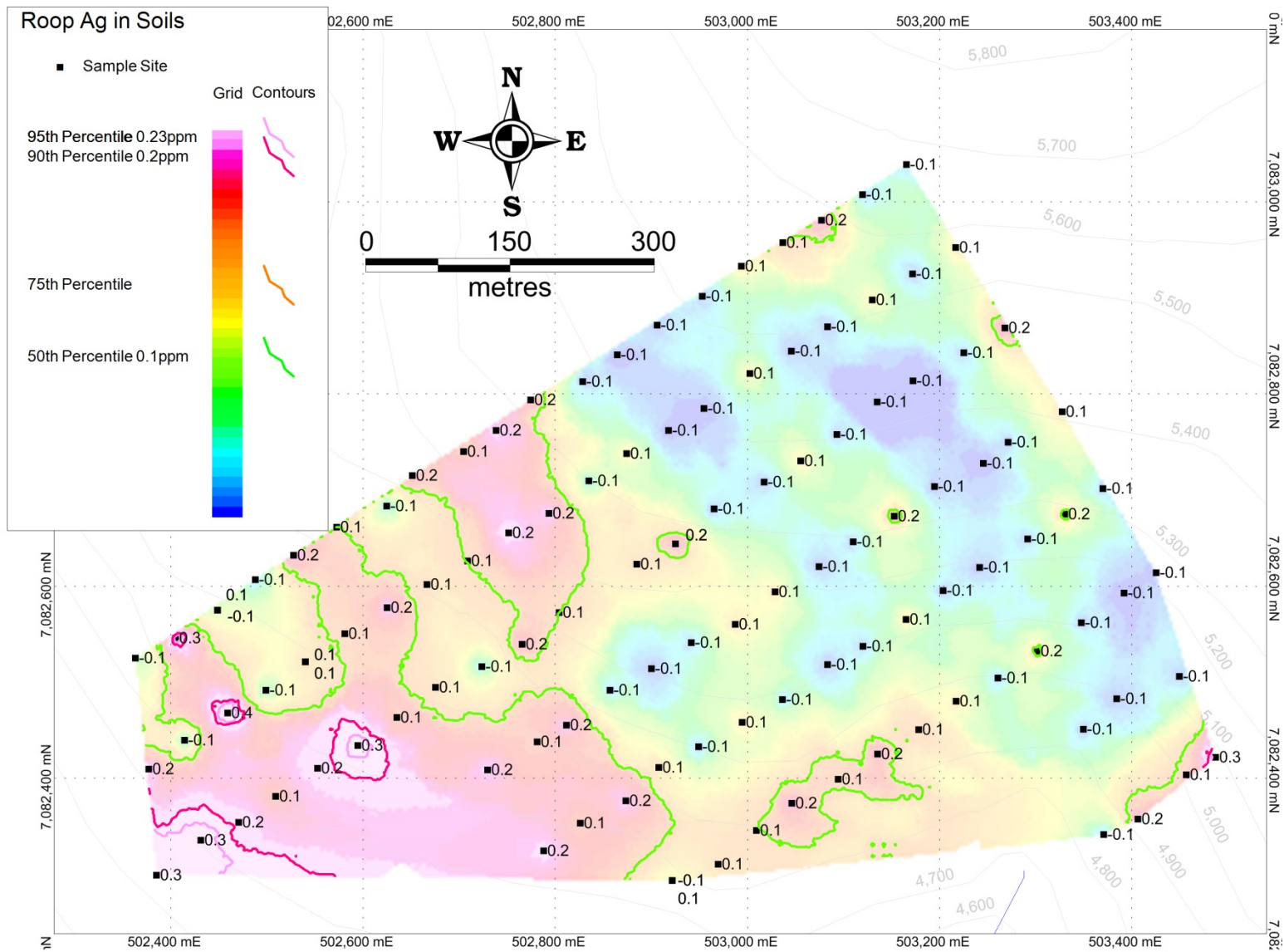
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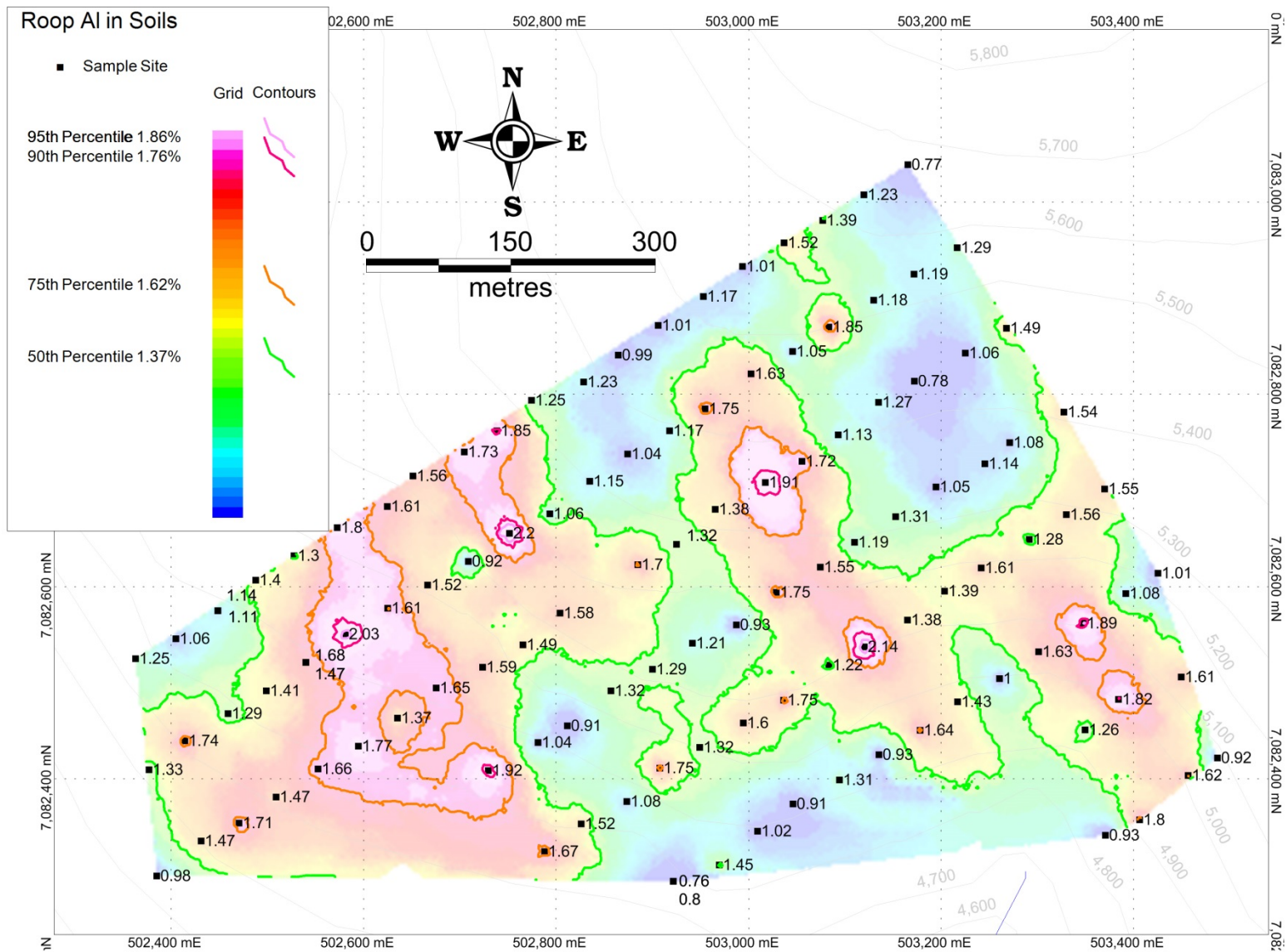
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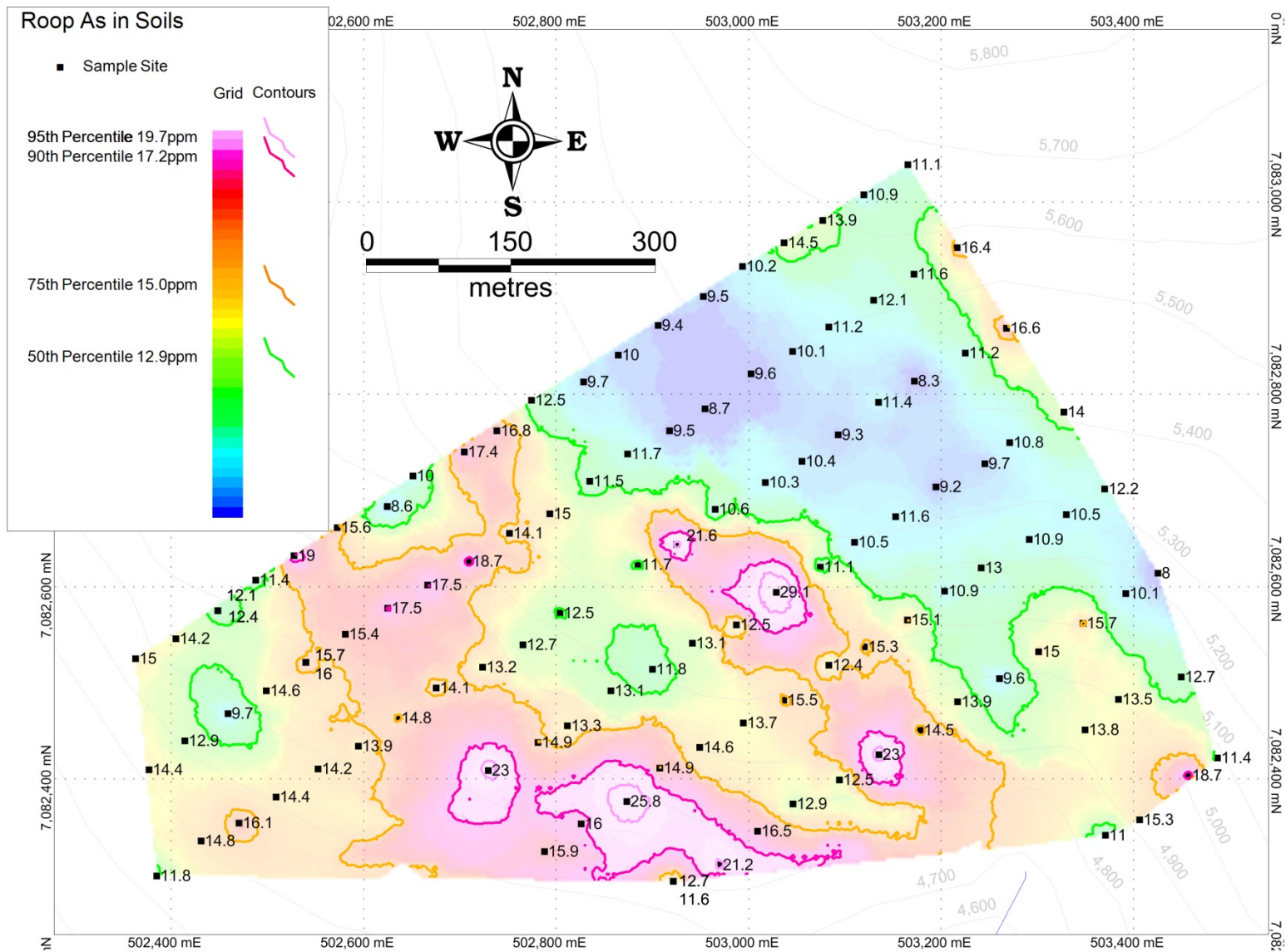
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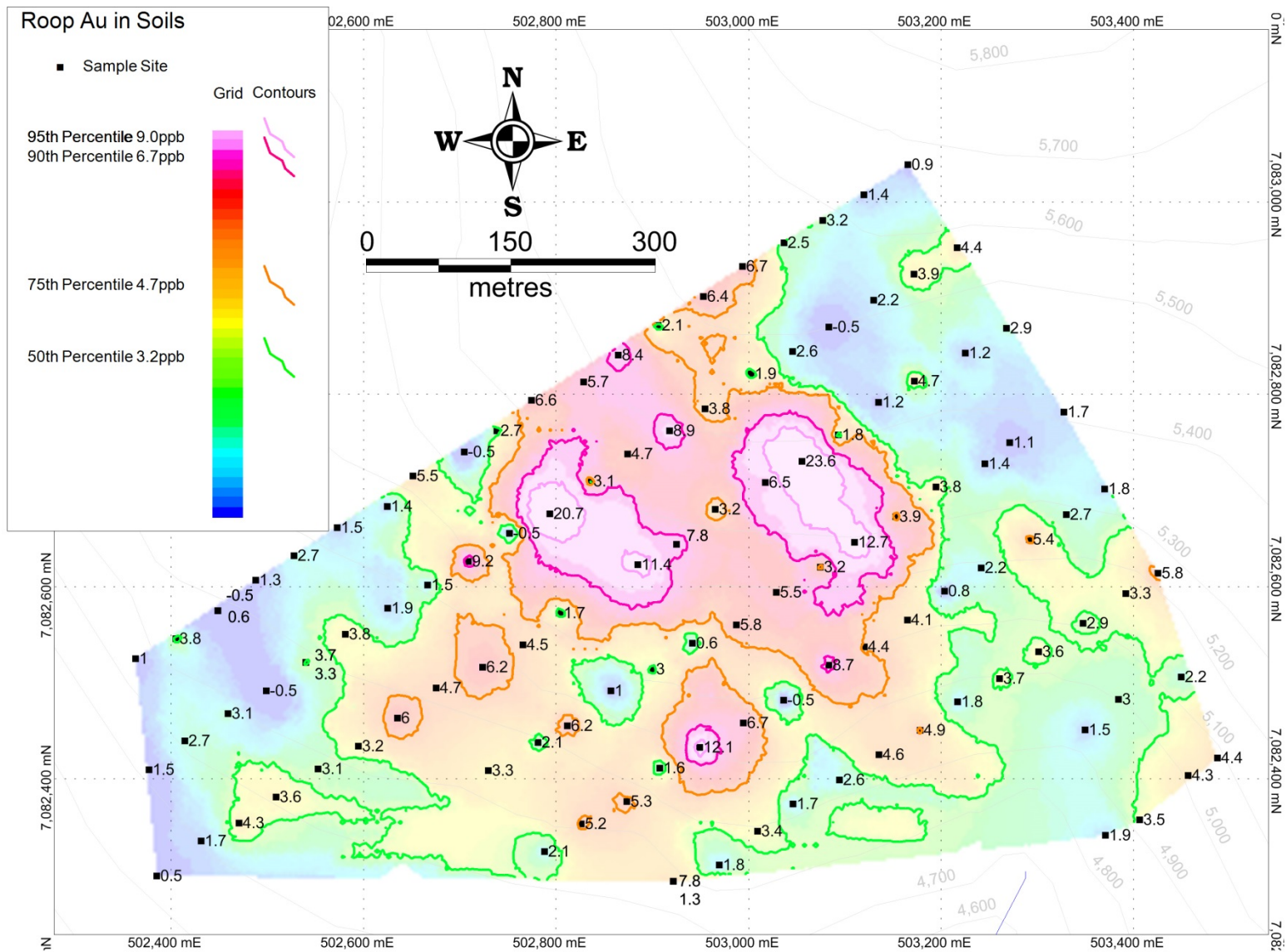
Appendix C

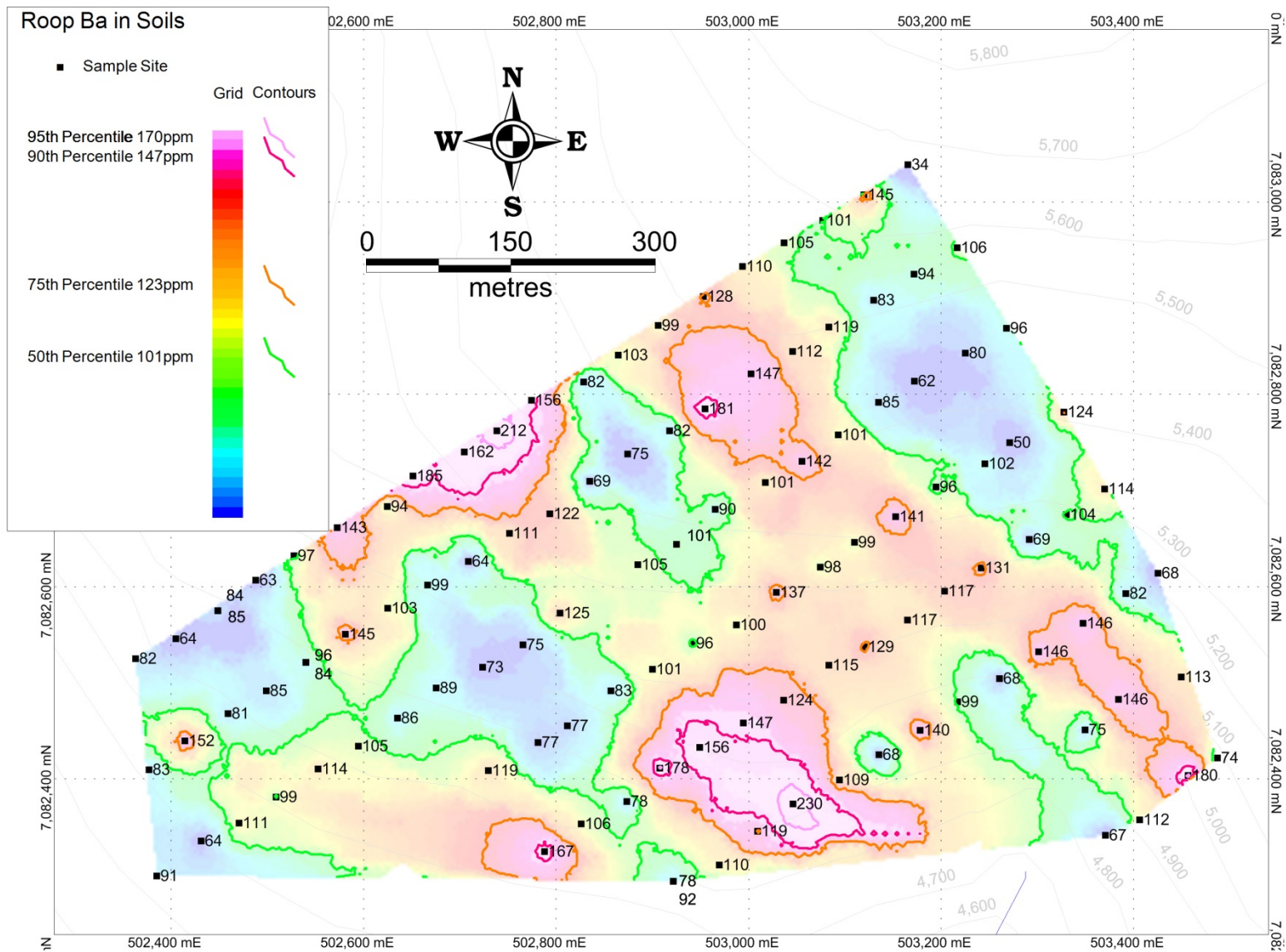
Geochemical Plots

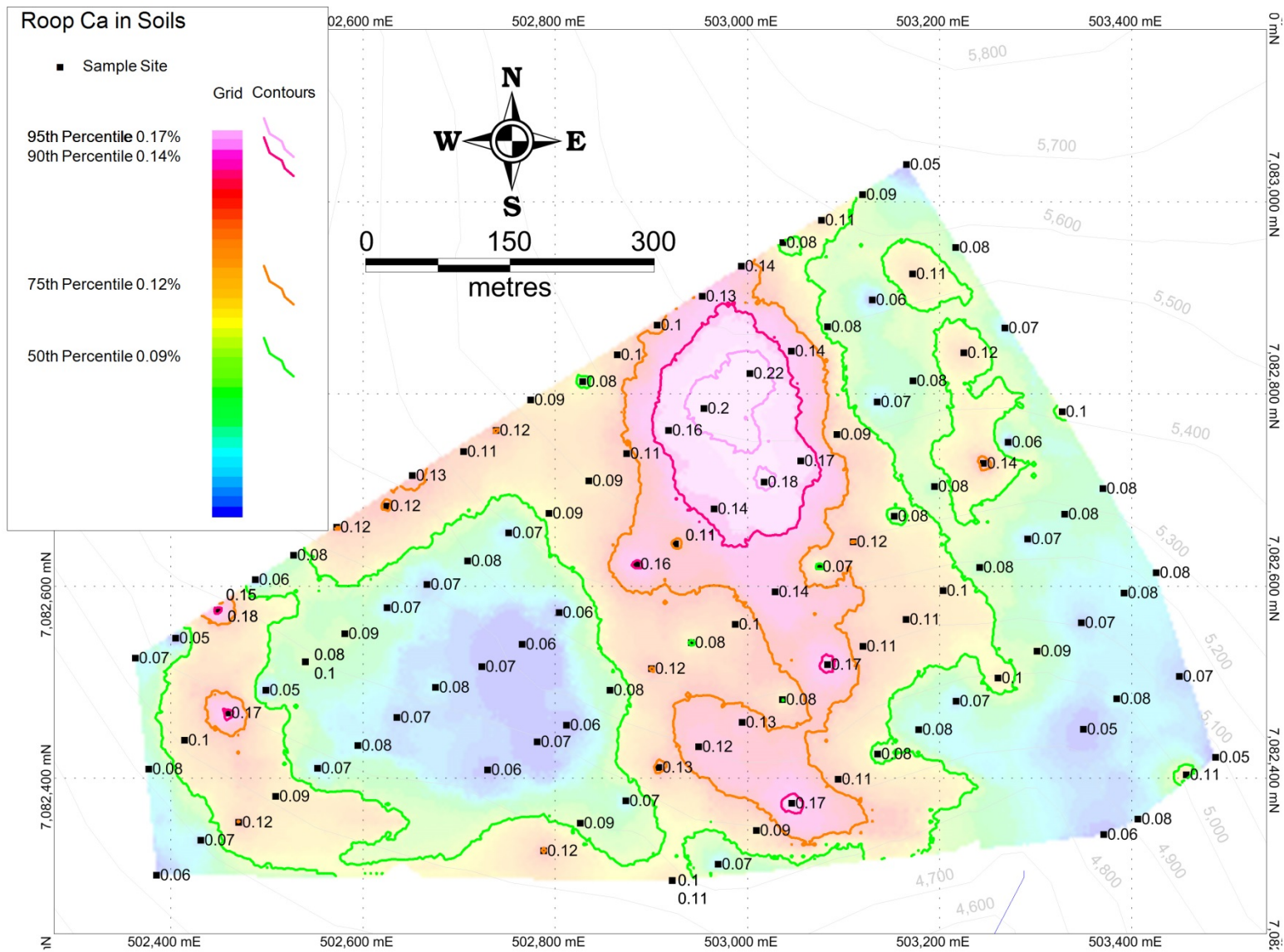


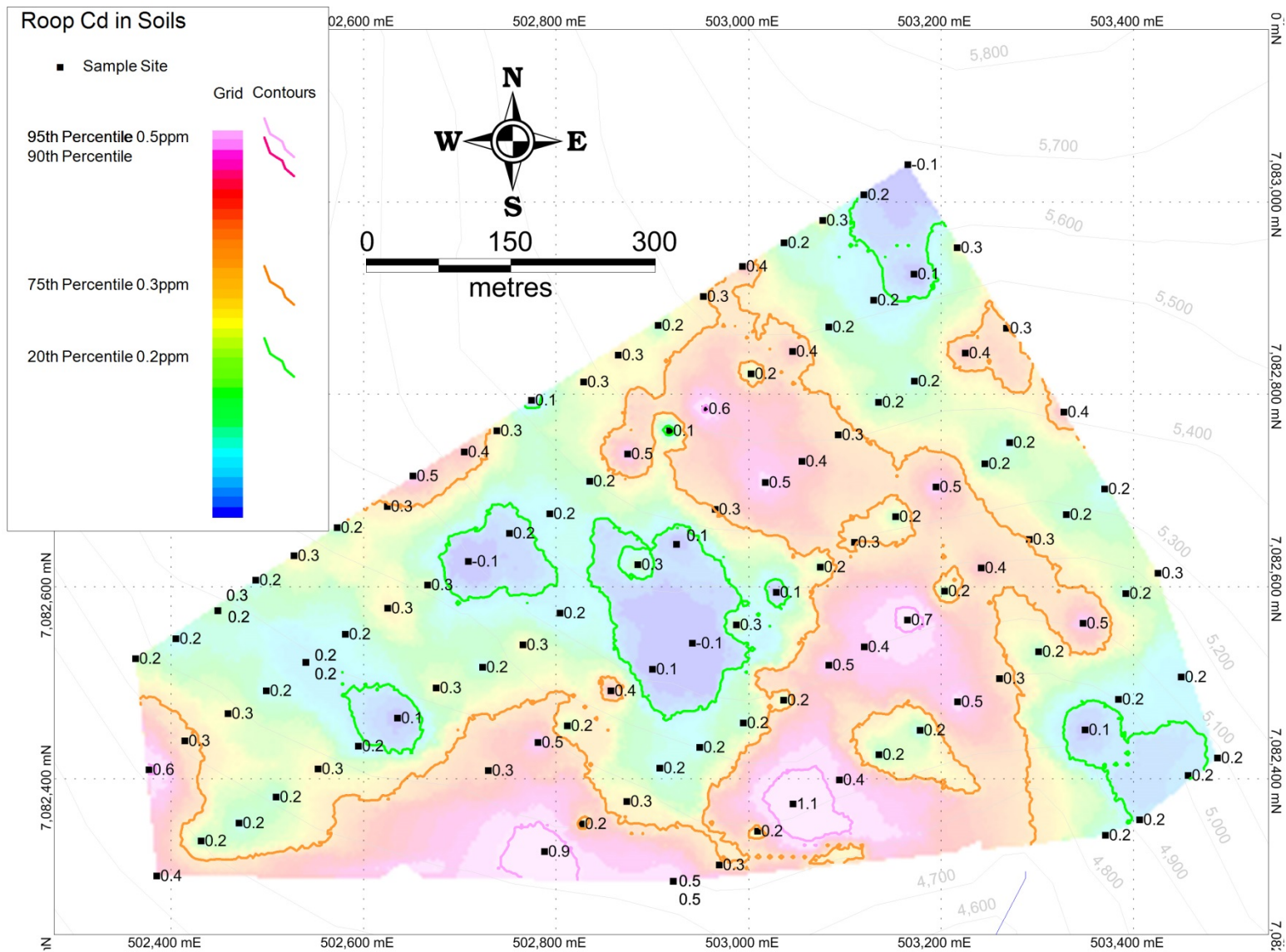


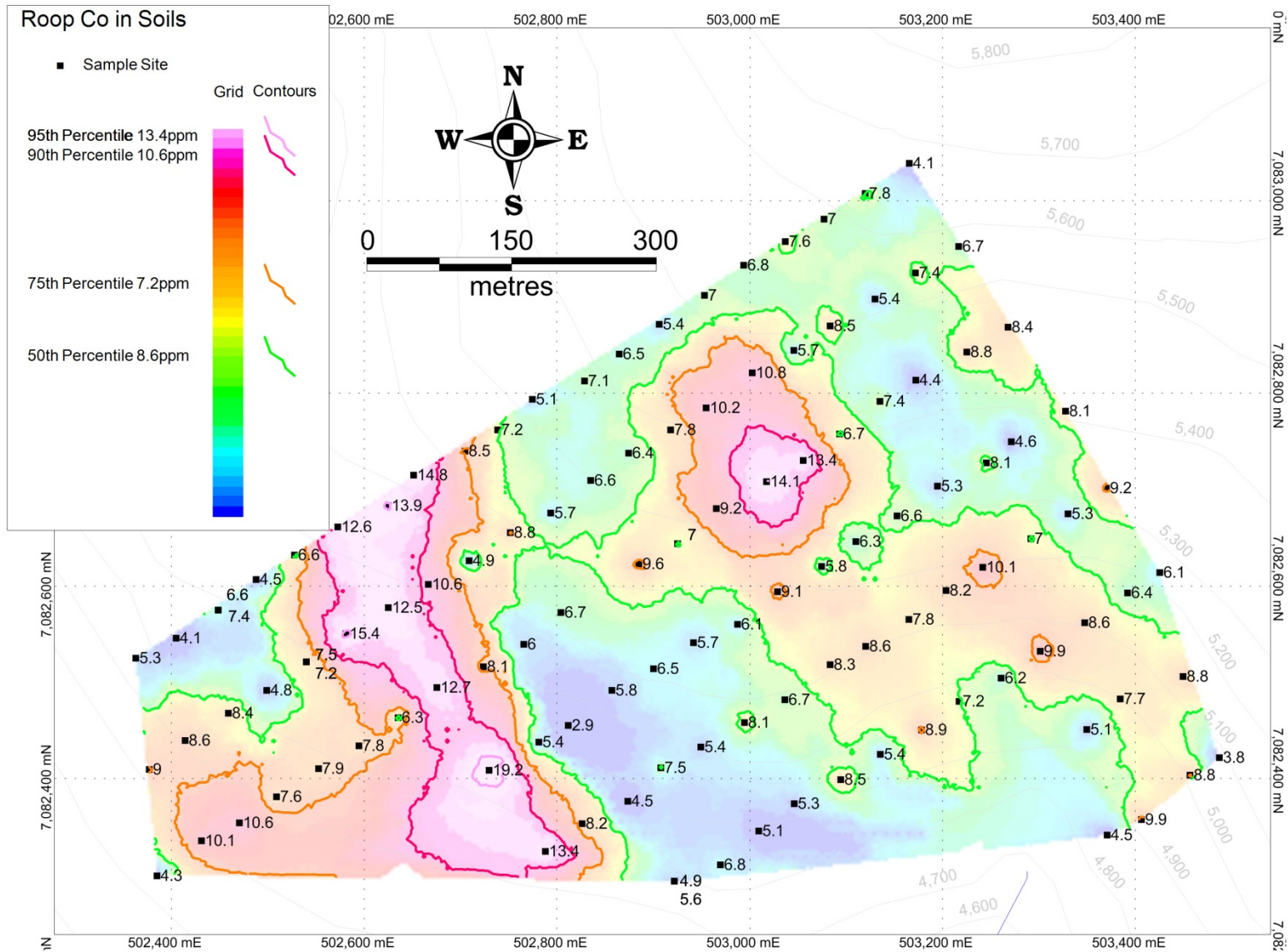


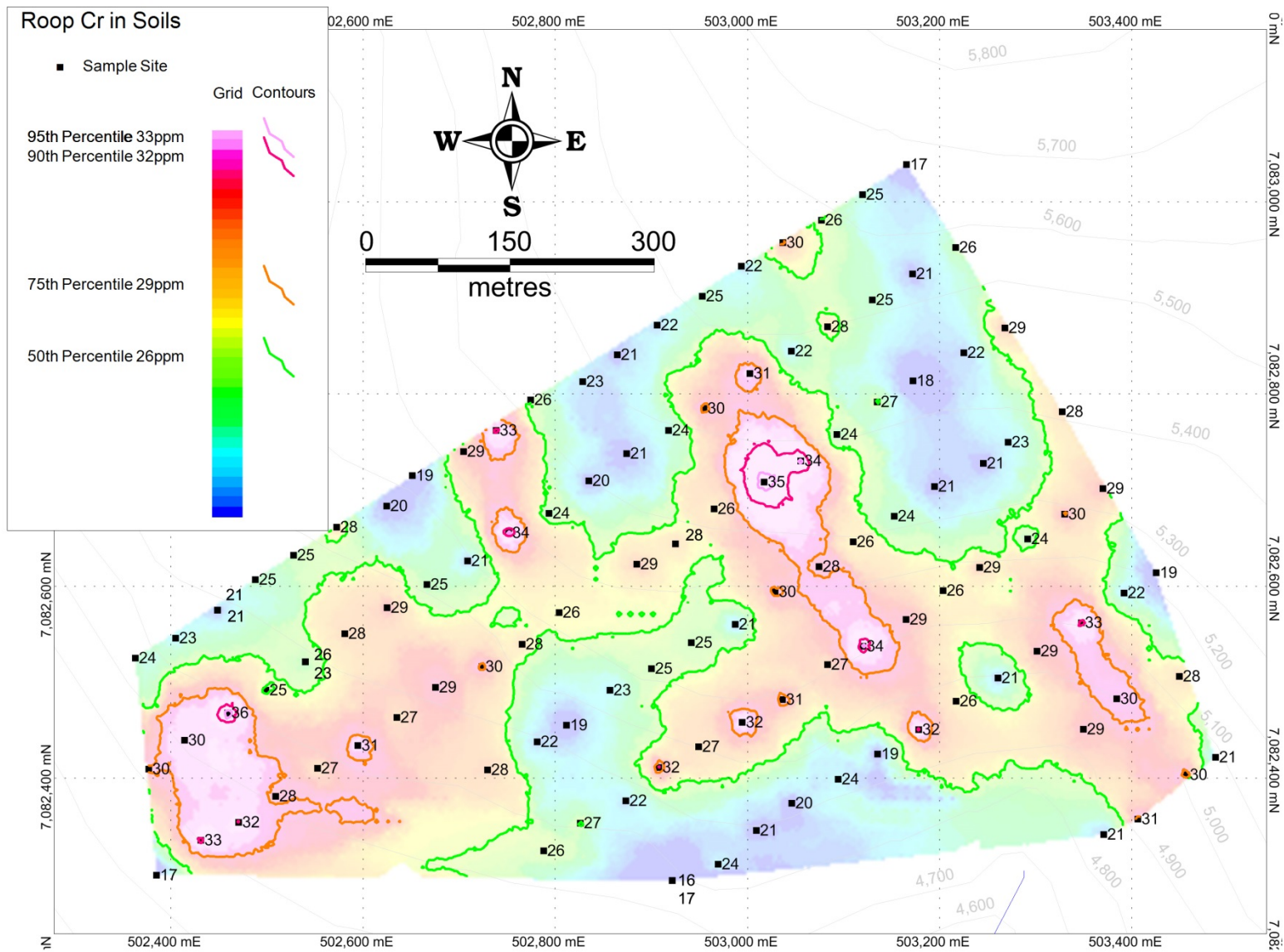


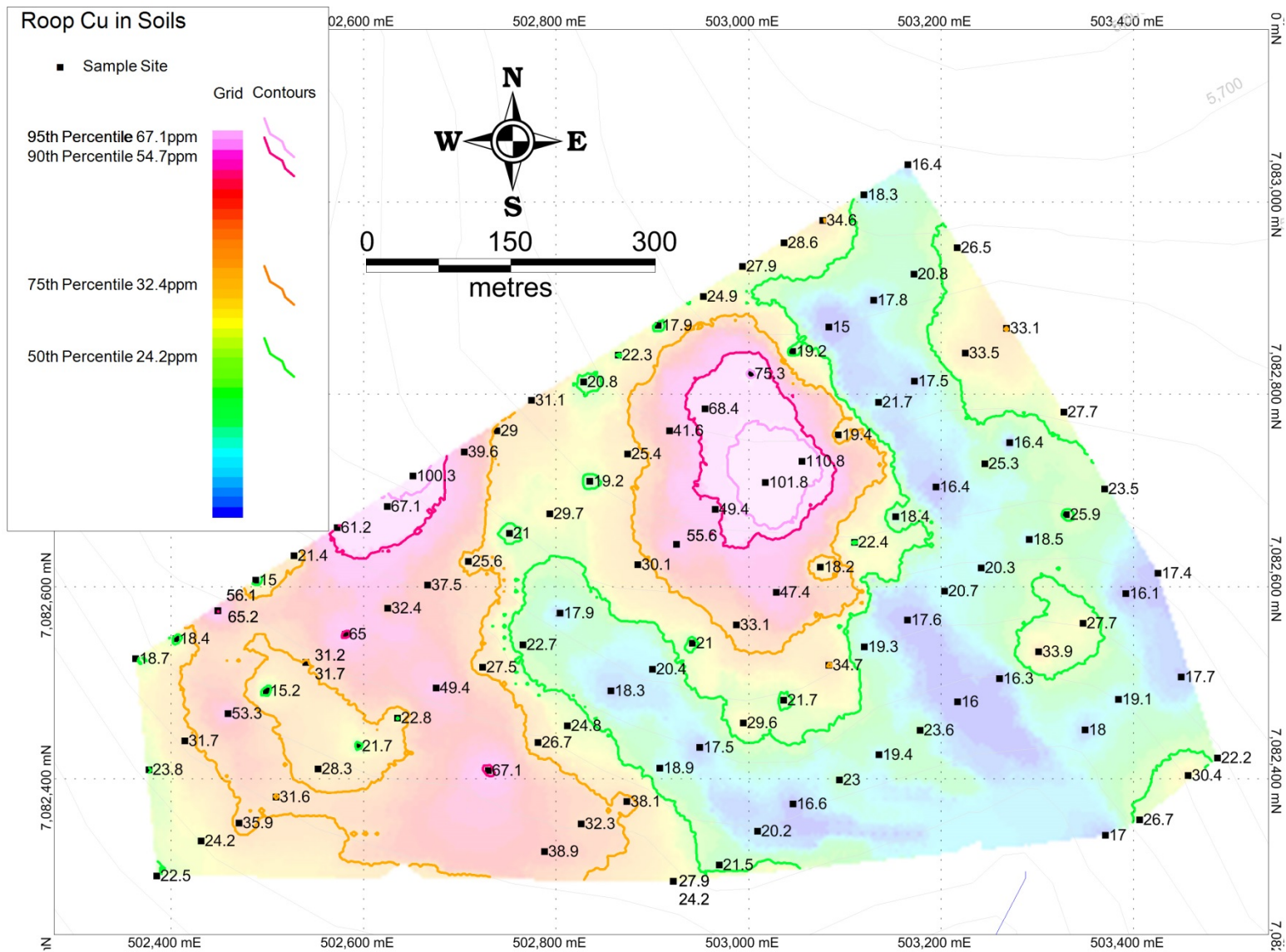


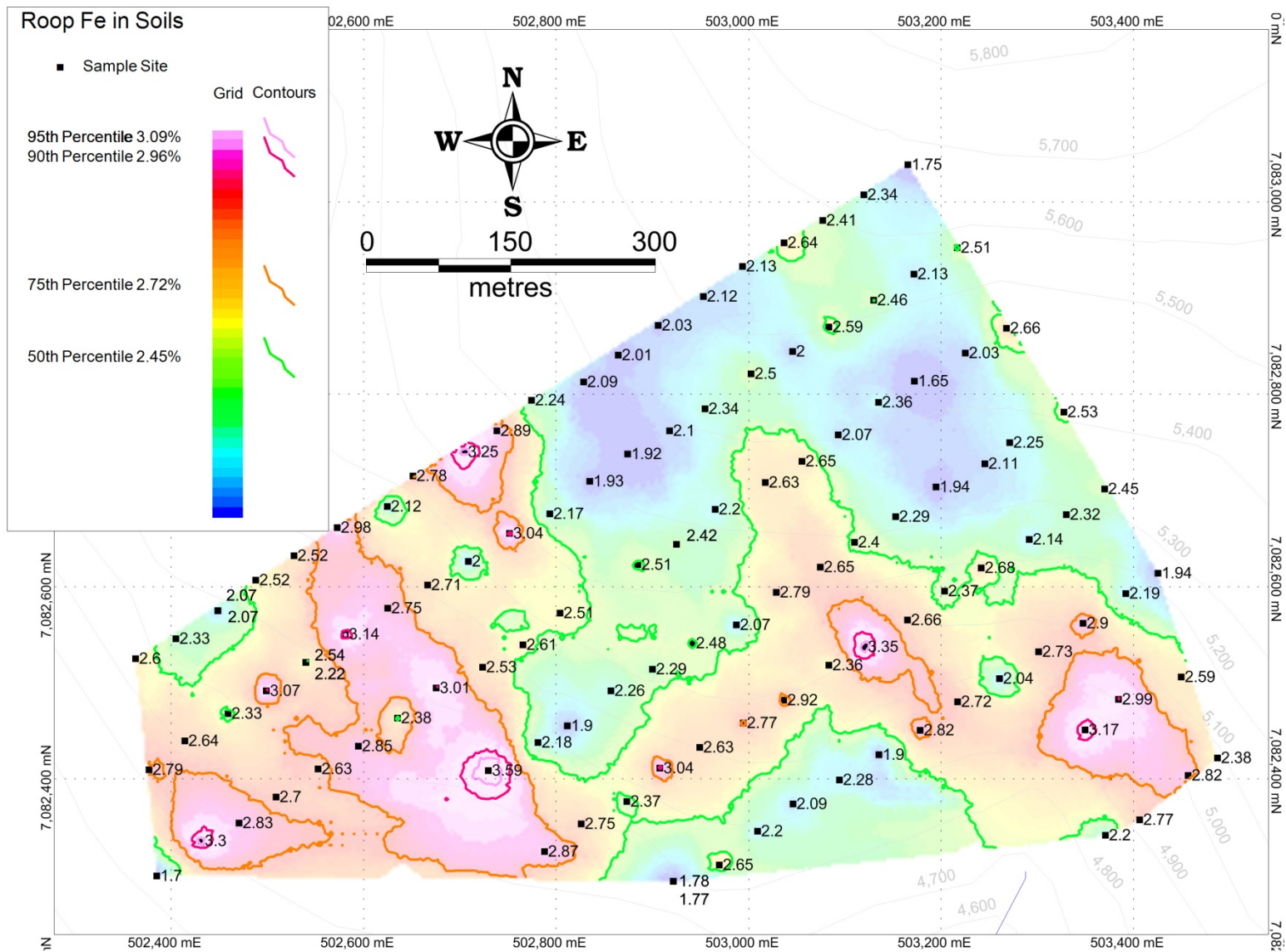


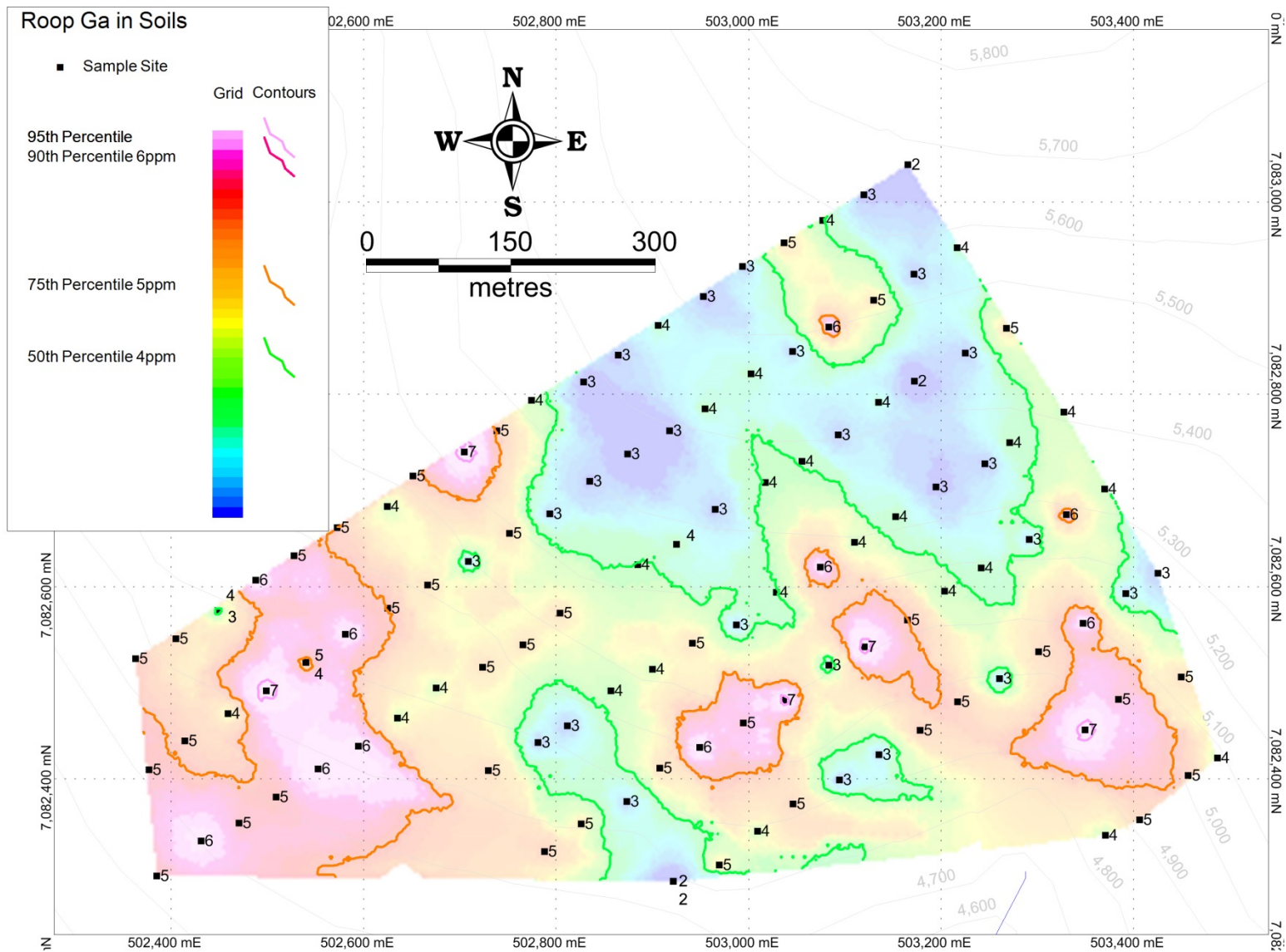


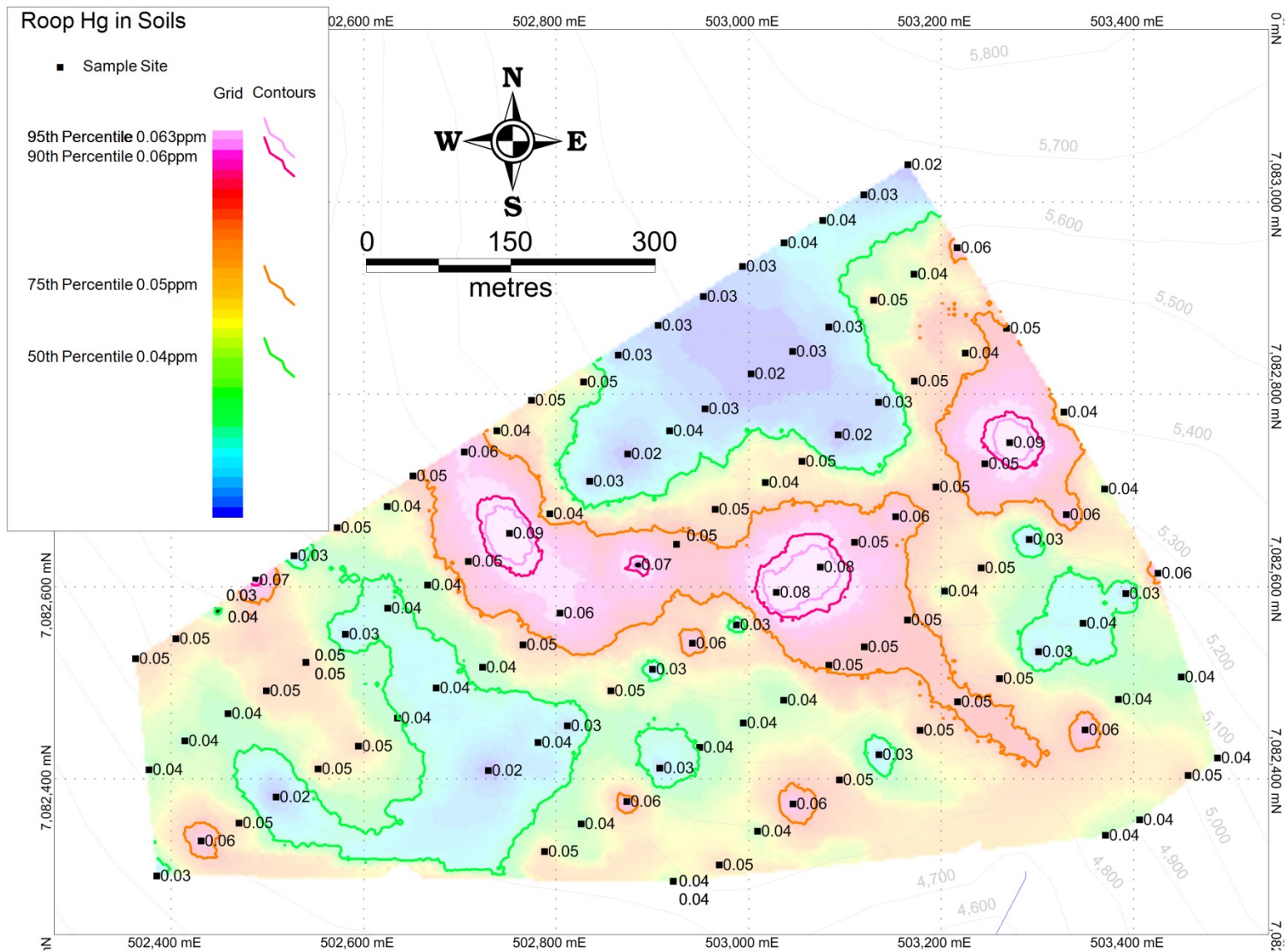


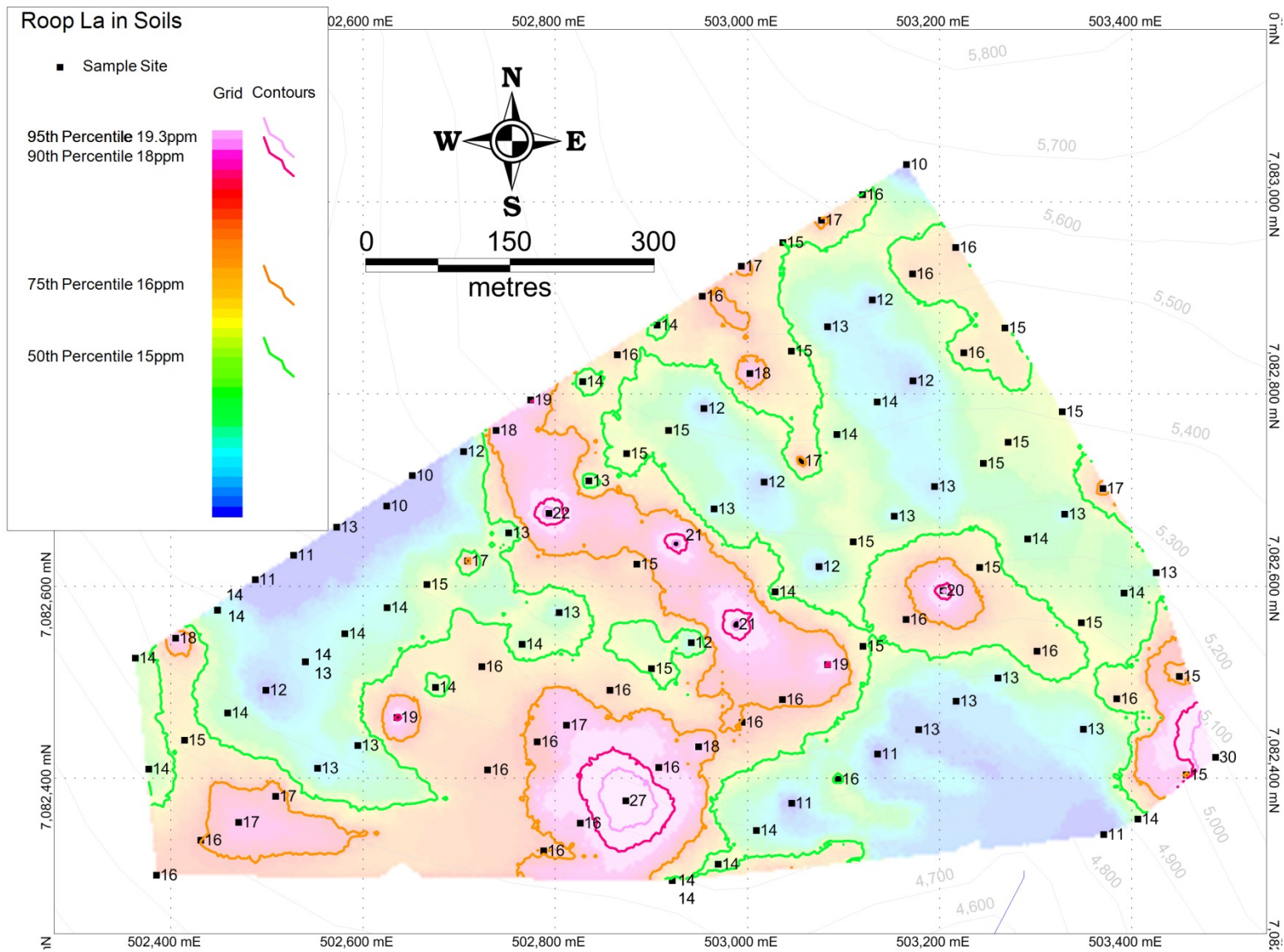


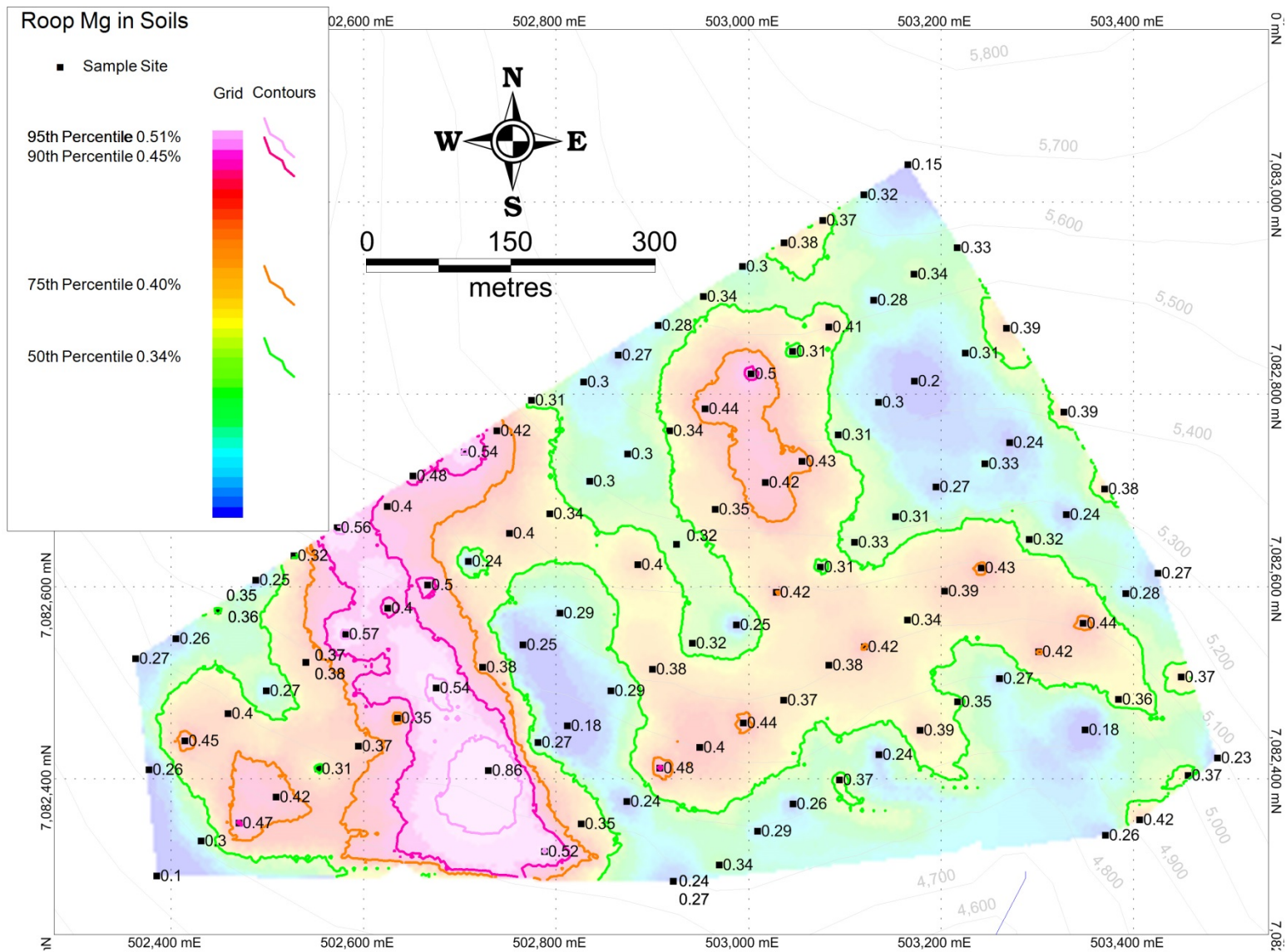


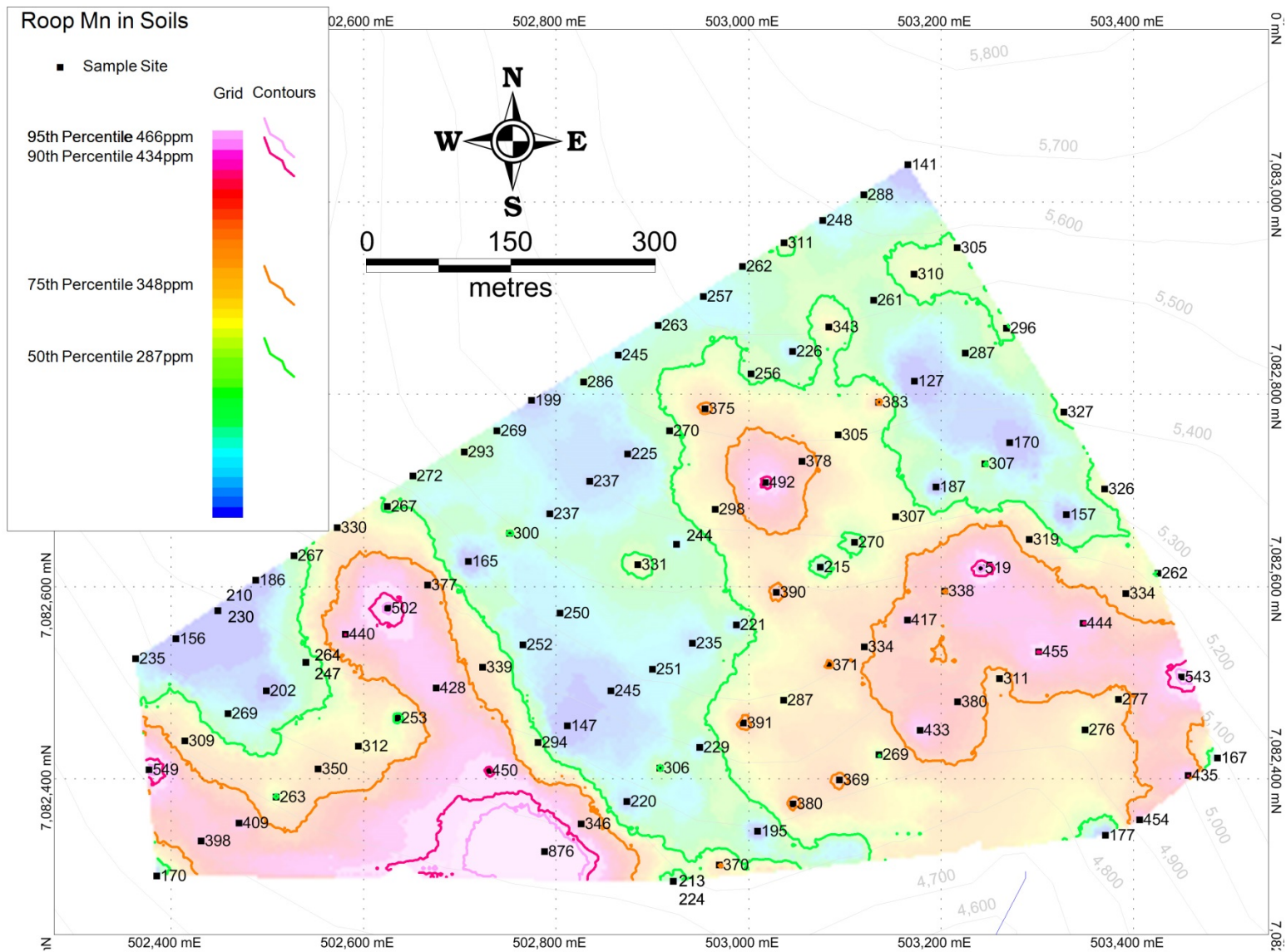


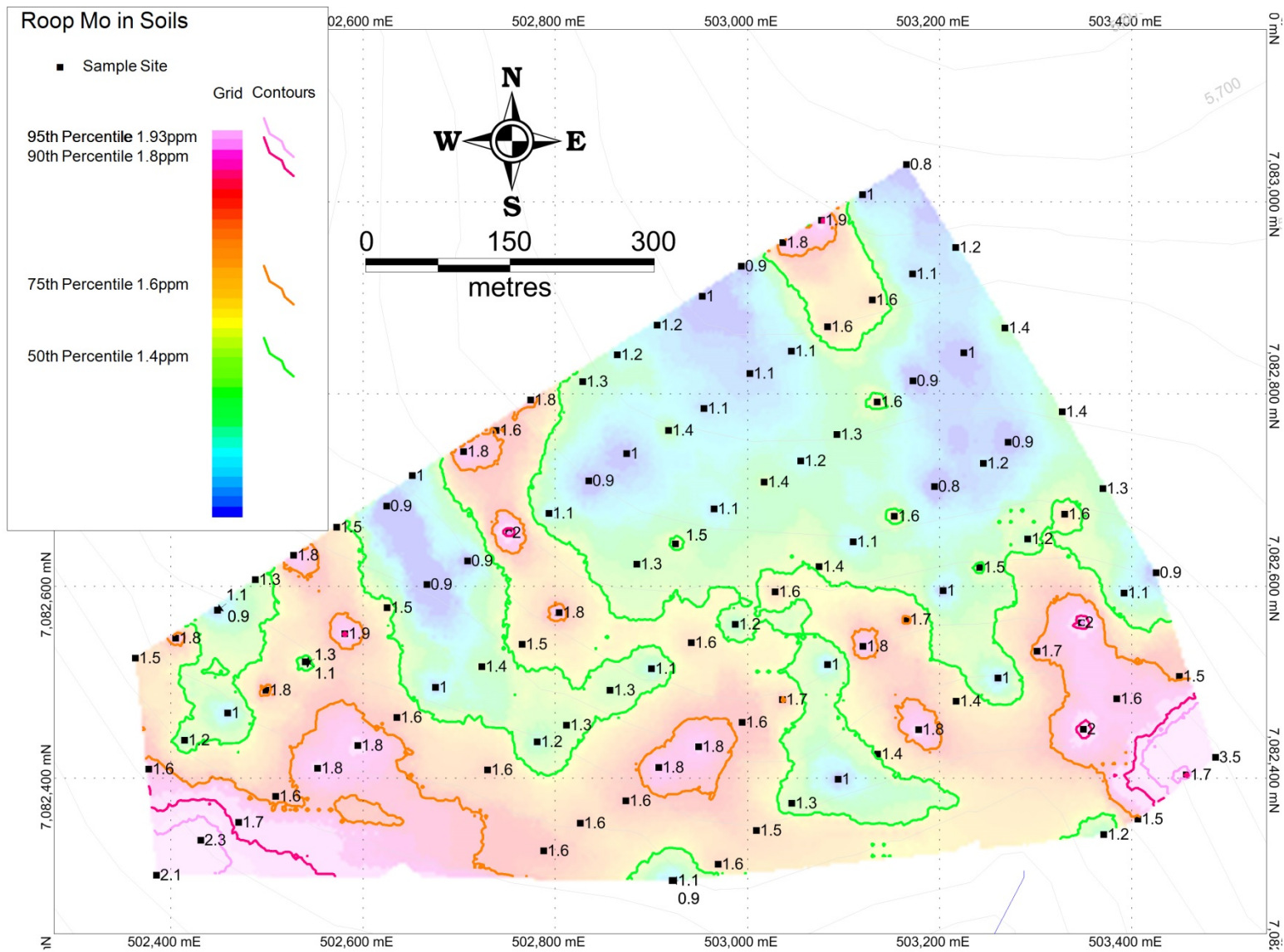


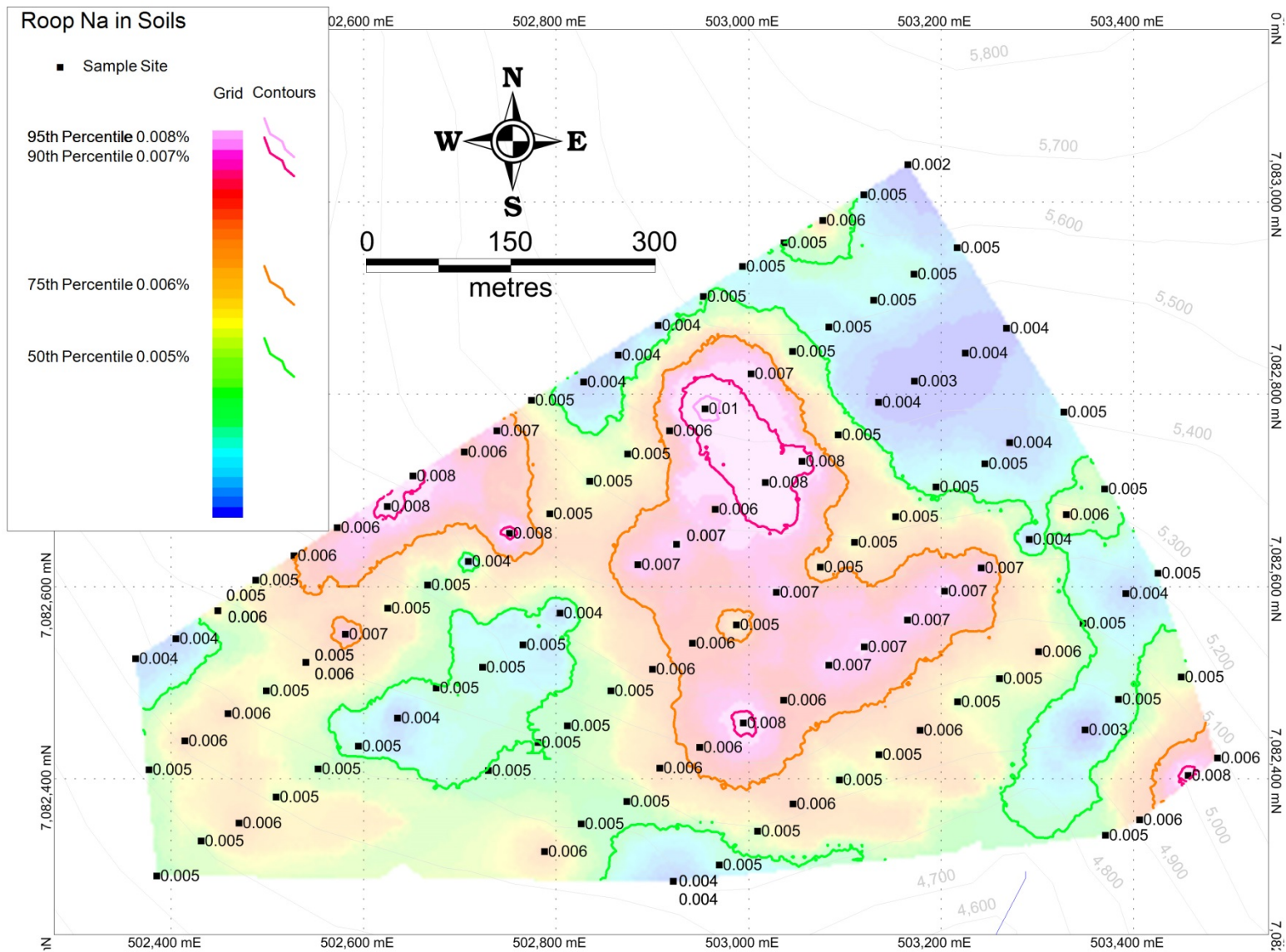


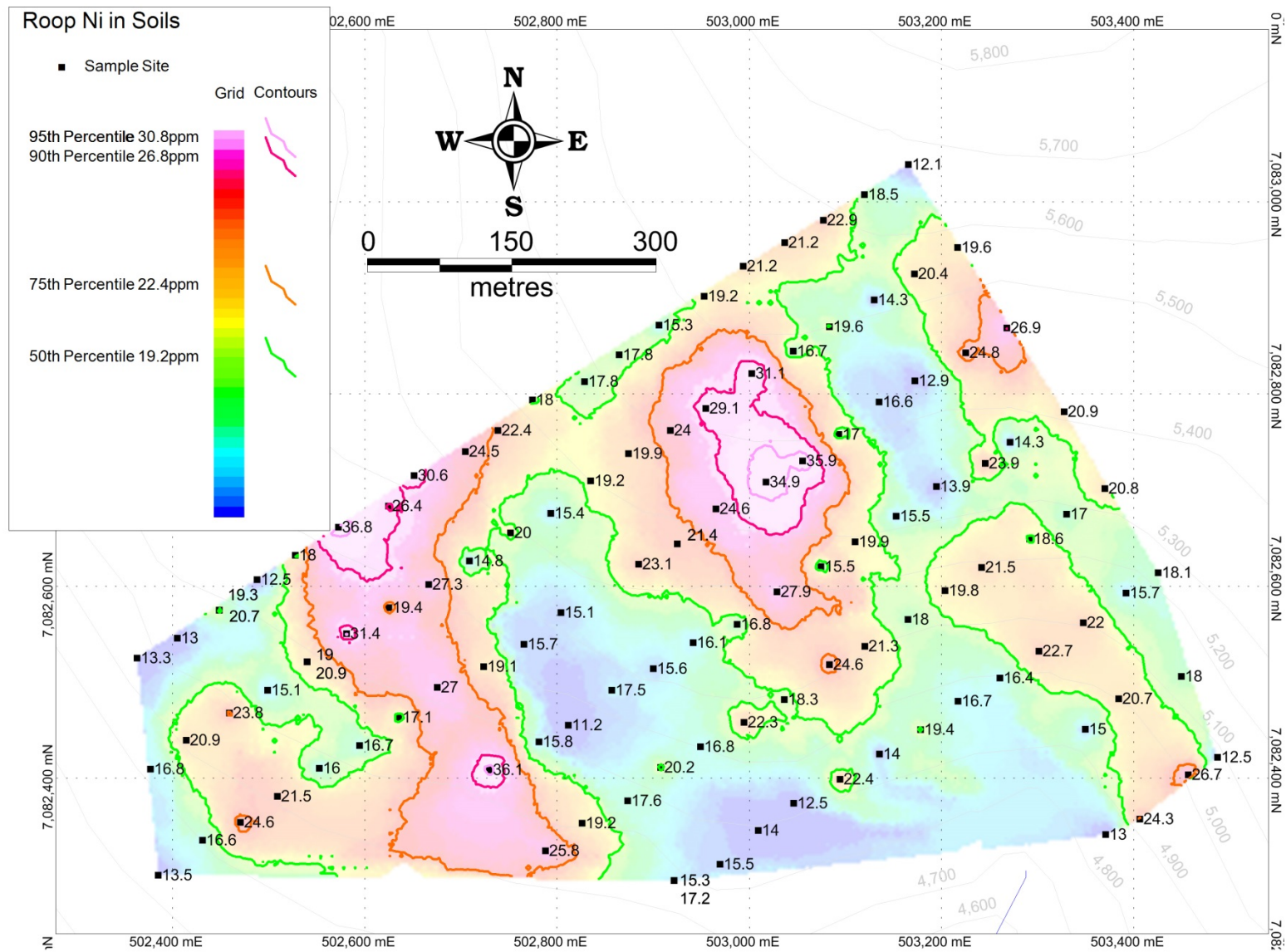


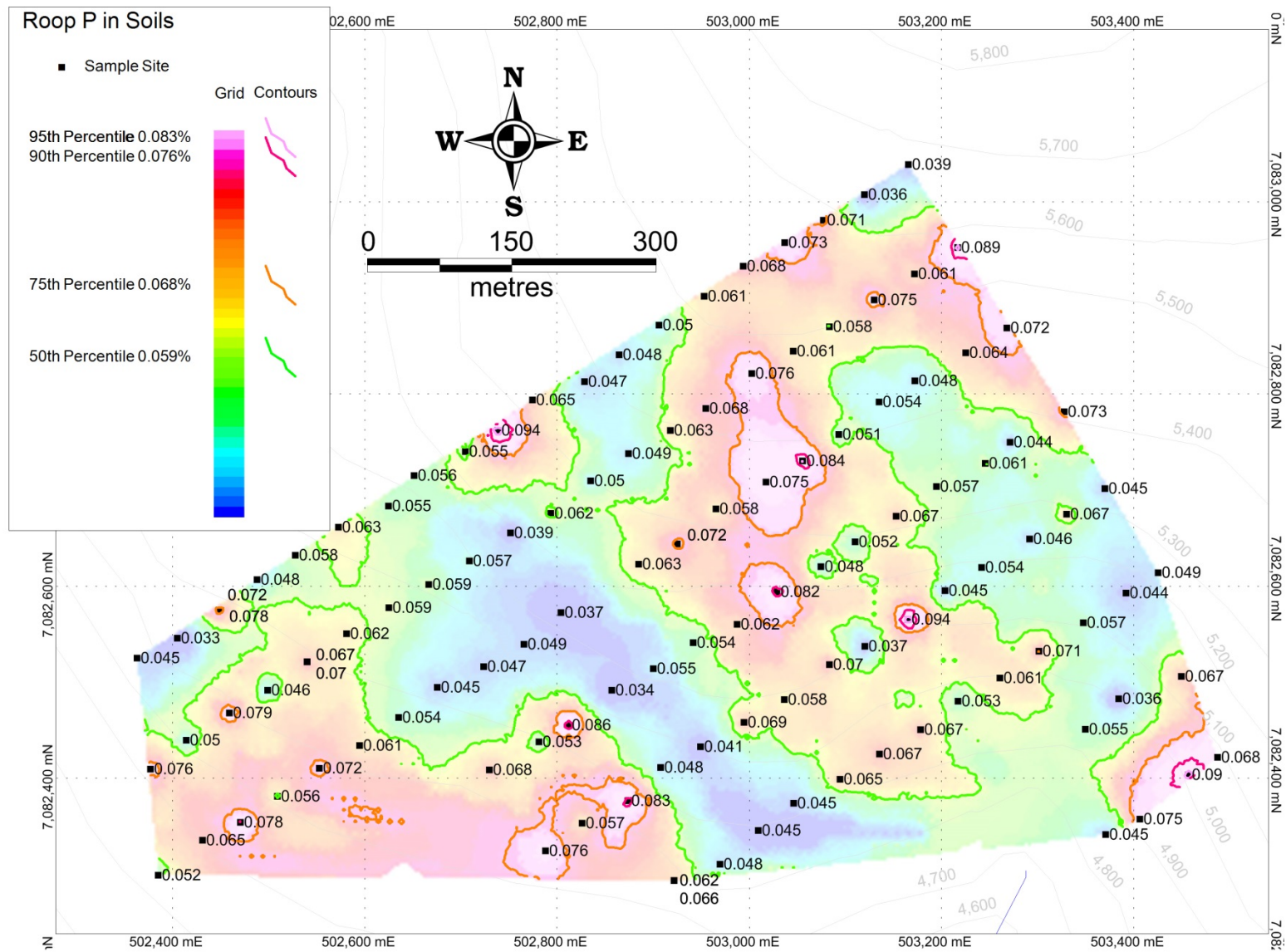


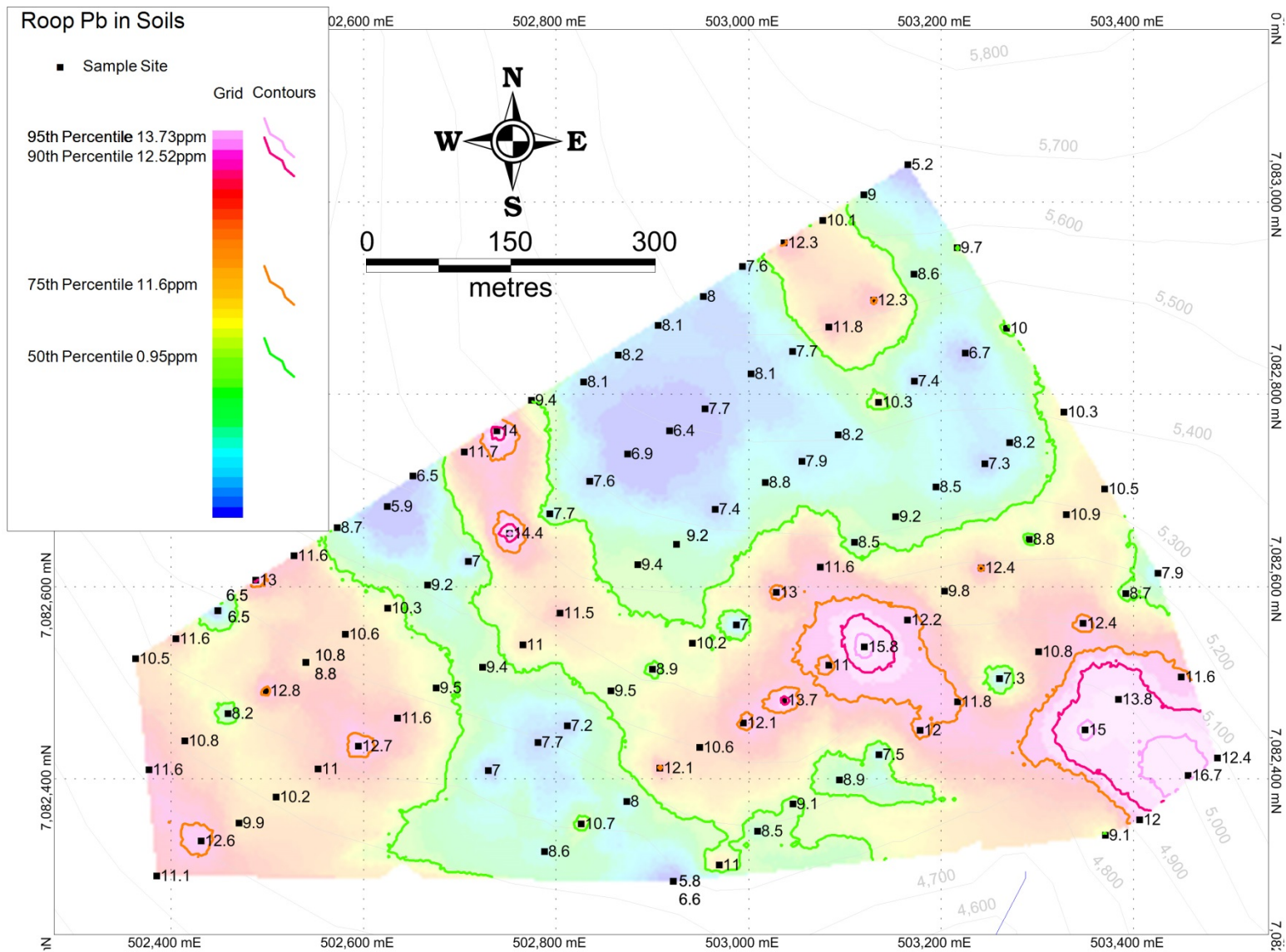


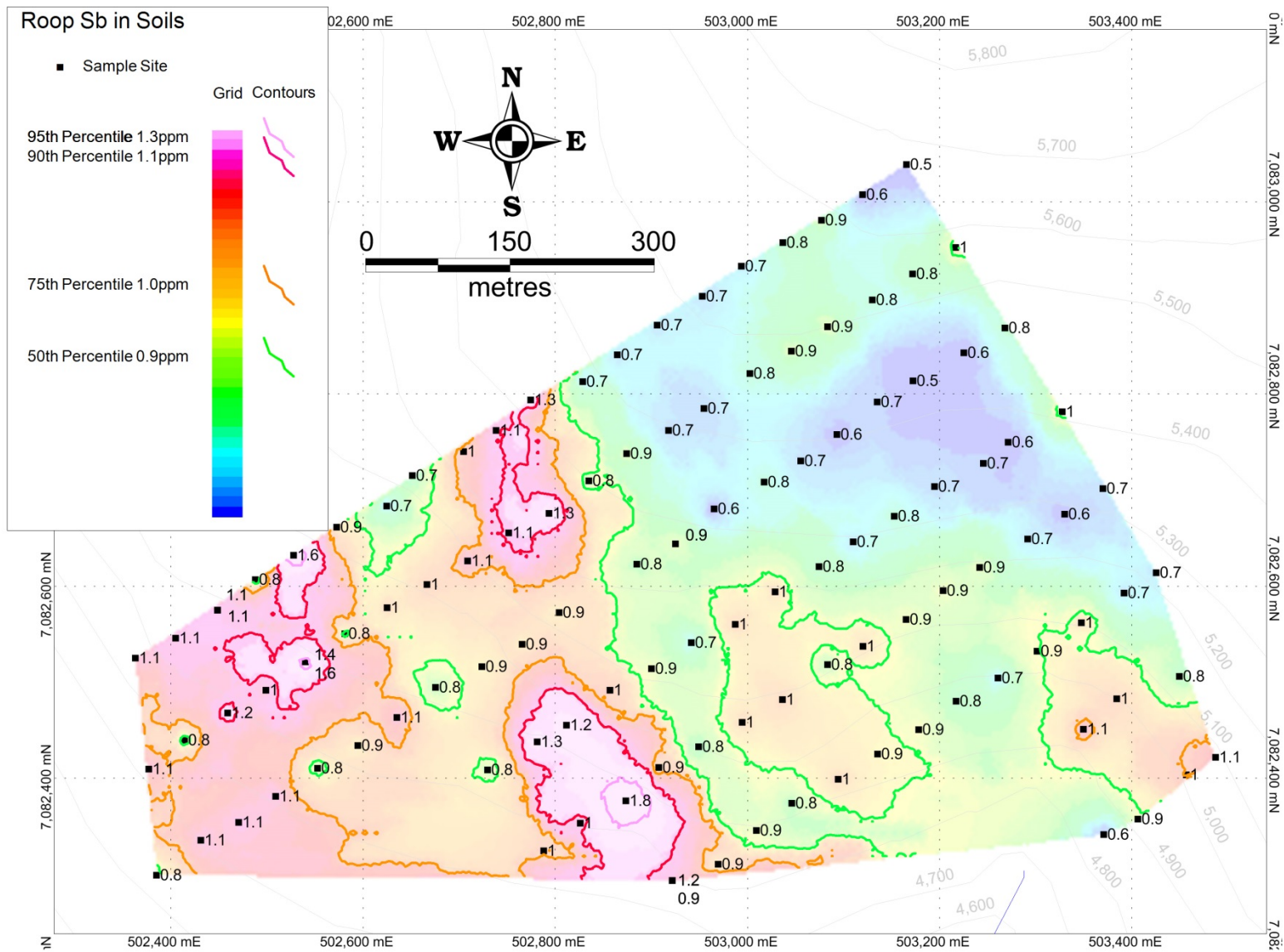


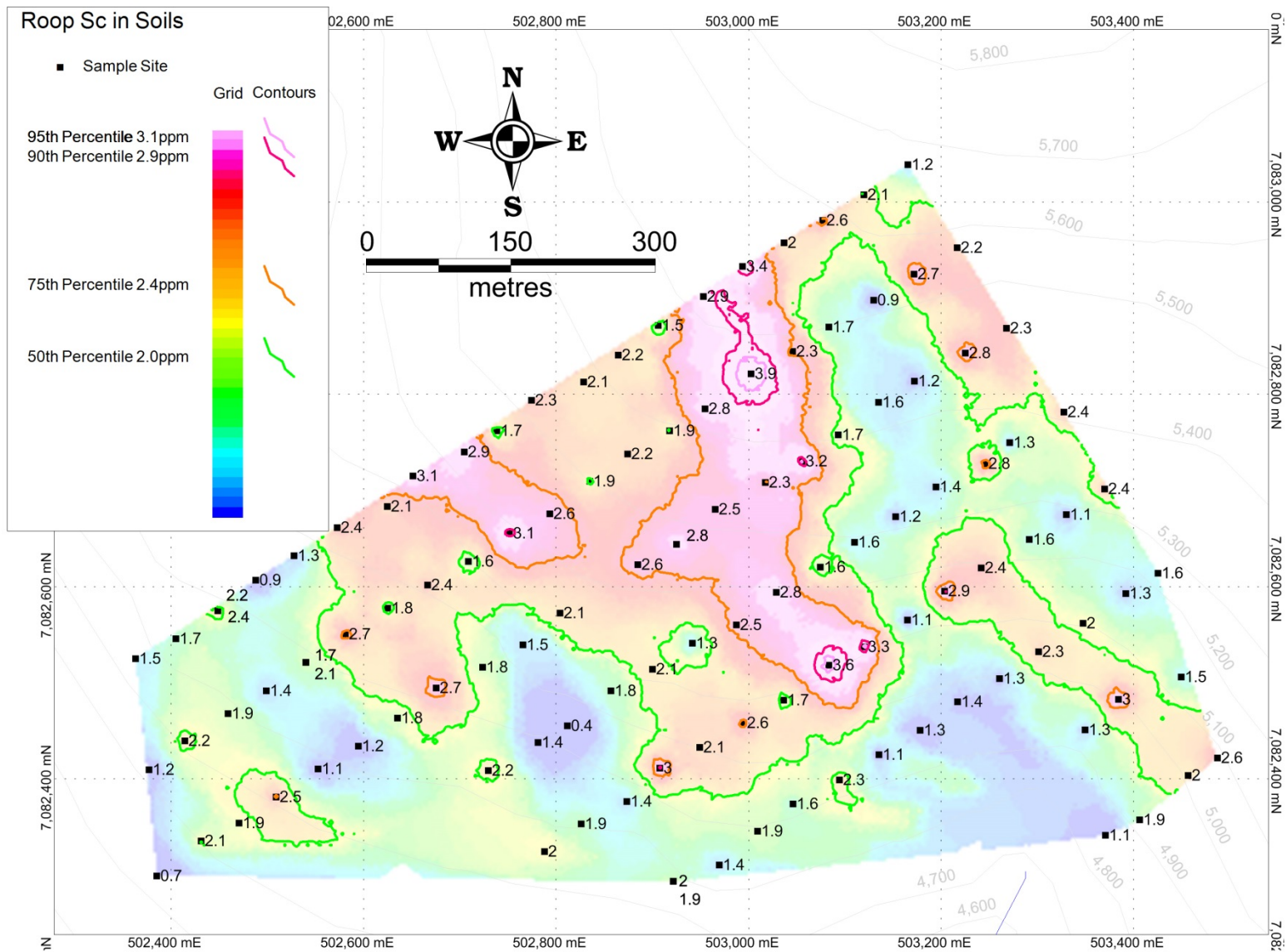


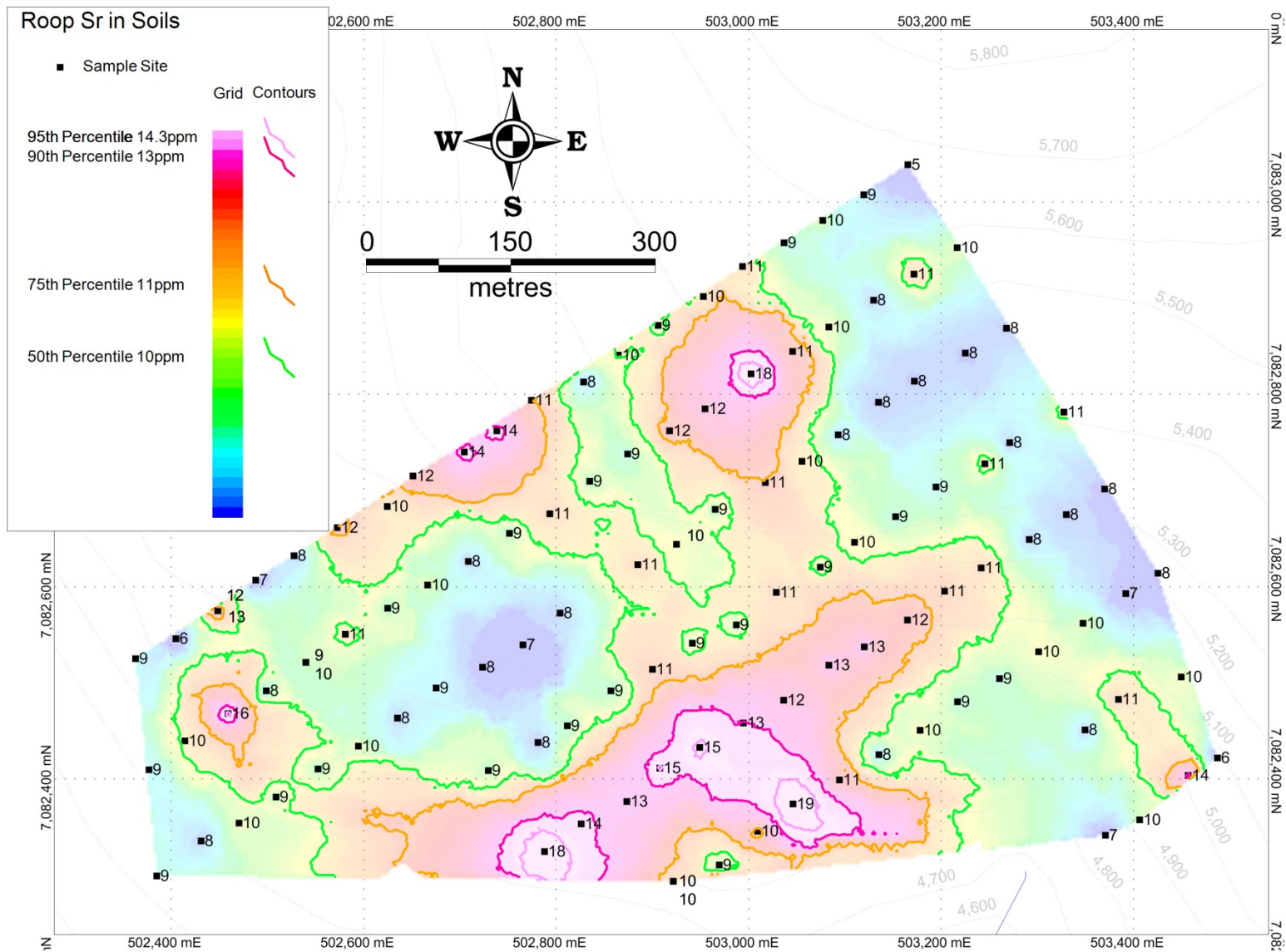


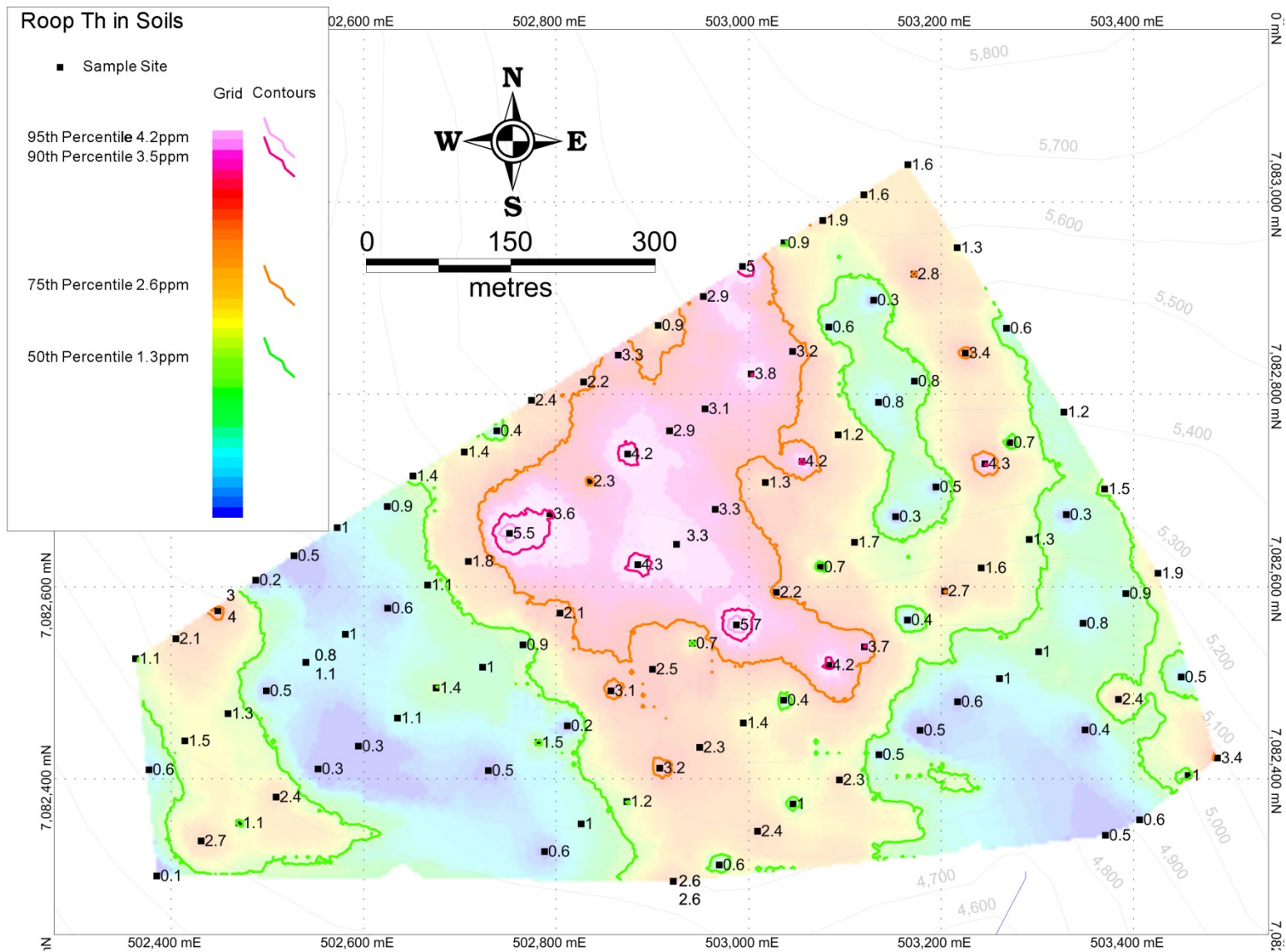


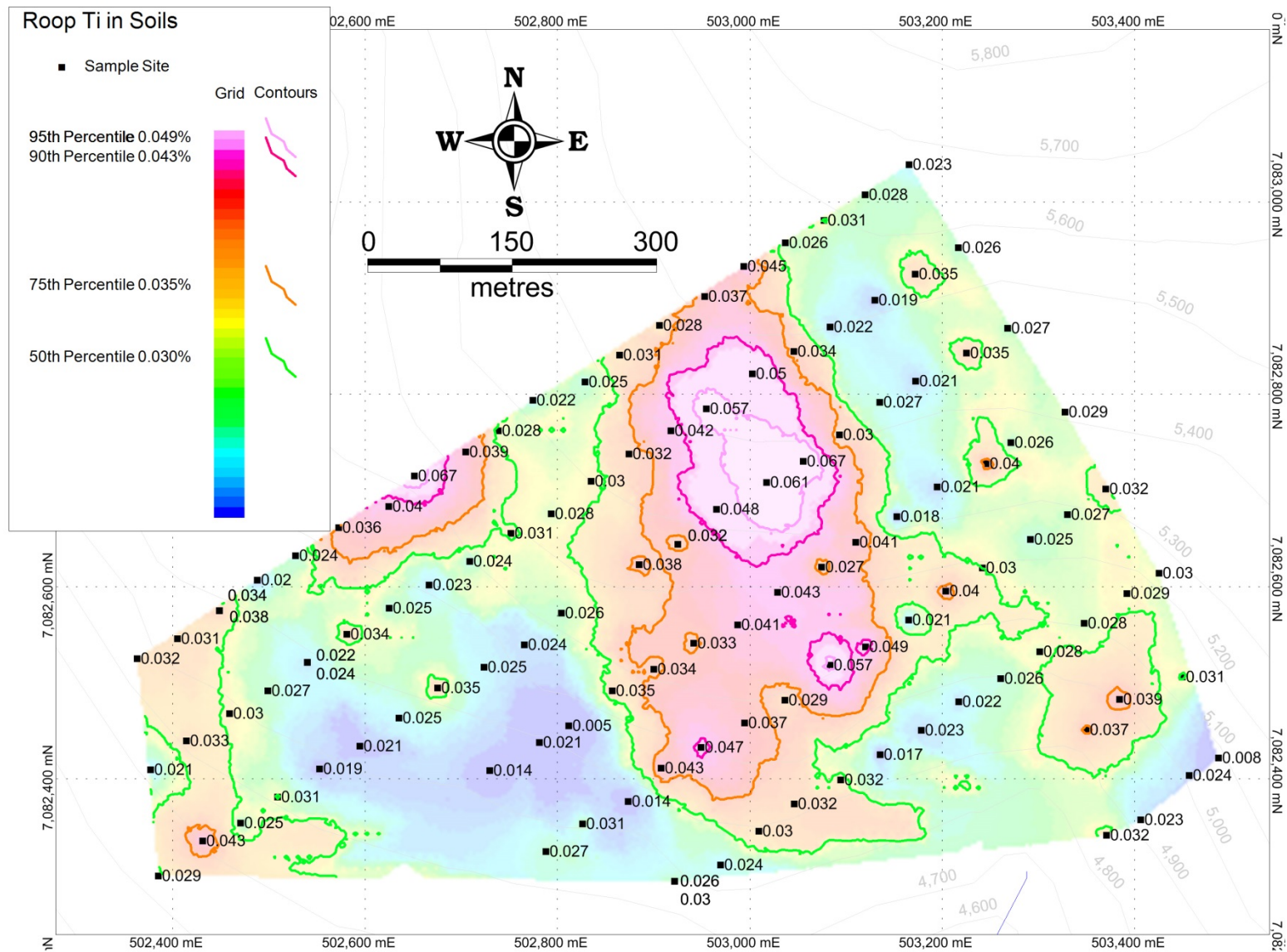


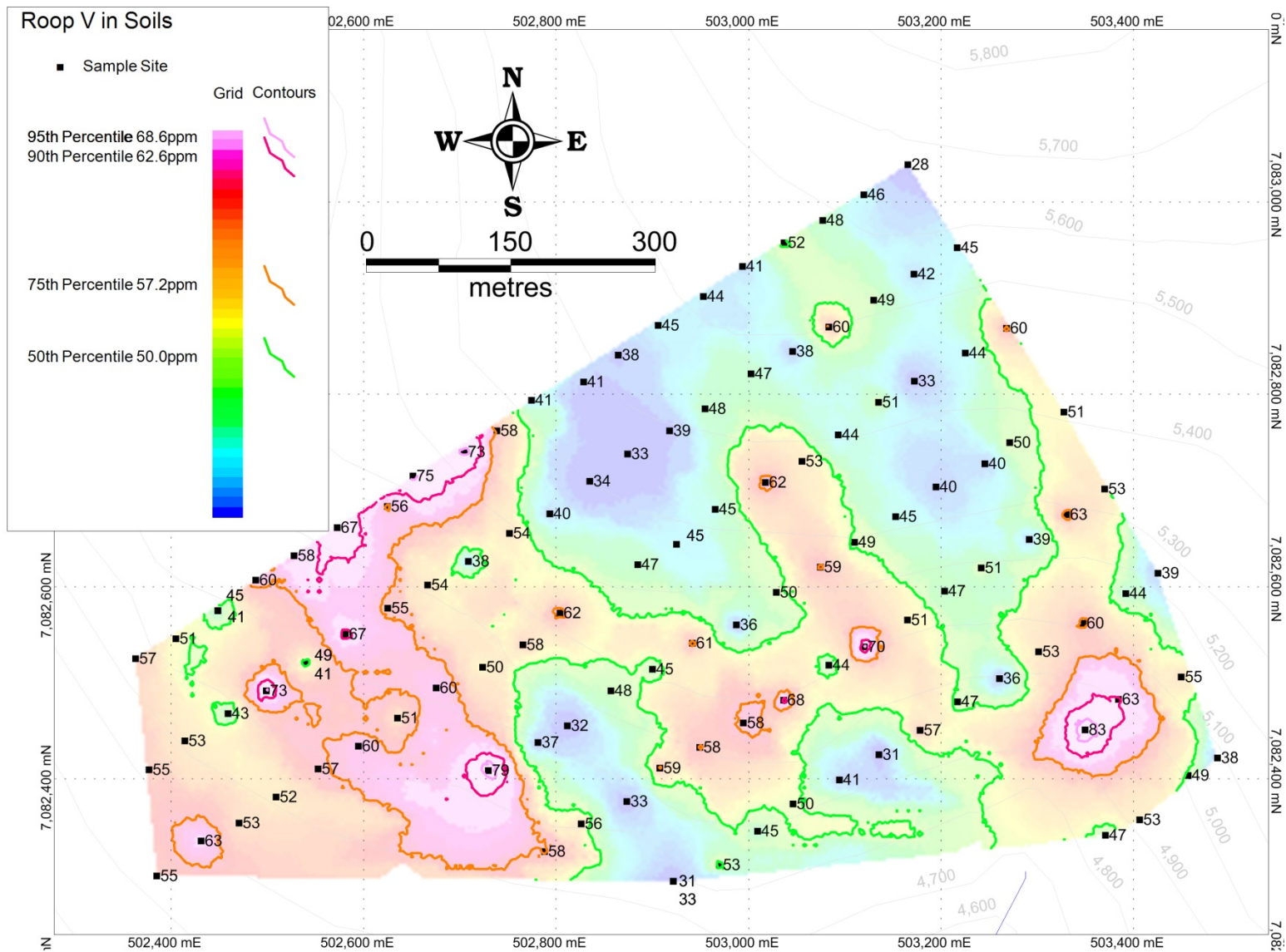












Appendix D

Assay certificates

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Mayo Lake Minerals Inc.**
107 Falldown Lane
Carp ON K0A 1L0 CANADA

Submitted By: Tyrell Sutherland
Receiving Lab: Canada-Whitehorse
Received: September 09, 2014
Report Date: October 02, 2014
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CERTIFICATE OF ANALYSIS

WHI14000192.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 320

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.
107 Falldown Lane
Carp ON K0A 1L0
CANADA

CC: Vern Rampton

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	320	Dry at 60C			WHI
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
AQ201	318	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
DISP2	320	Heat treatment of Soils and Sediments			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.

CERTIFICATE OF ANALYSIS

WHI14000192.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	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	0.1	2	0.01	0.001
1500501	Soil	0.6	22.9	15.4	46	0.1	21.0	8.7	292	2.15	8.8	2.4	3.9	92	0.4	0.8	0.2	33	1.00	0.068
1500502	Soil	0.6	30.3	16.6	66	0.1	23.6	11.7	265	2.42	10.4	2.6	9.0	33	0.3	0.9	0.2	29	0.37	0.066
1500503	Soil	1.2	24.5	16.1	55	<0.1	21.8	9.6	216	2.65	10.7	1.9	6.7	10	0.1	0.7	0.2	51	0.08	0.022
1500504	Soil	0.6	39.5	22.1	88	<0.1	28.0	14.7	362	3.68	7.4	2.4	21.4	5	<0.1	0.8	0.4	14	0.04	0.035
1500505	Soil	0.7	33.5	96.1	144	<0.1	31.1	15.8	294	2.81	19.2	1.6	22.4	14	0.1	1.0	0.5	21	0.11	0.024
1500506	Soil	0.2	30.7	14.0	69	<0.1	18.4	5.7	194	1.35	3.0	2.1	4.8	88	0.6	0.5	0.2	24	1.02	0.068
1500507	Soil	0.2	15.9	9.8	53	<0.1	13.8	5.0	120	1.55	5.9	3.3	3.8	57	0.3	0.5	0.1	23	0.69	0.067
1500508	Soil	0.2	18.1	12.5	67	<0.1	19.0	7.7	154	1.54	4.3	2.7	4.7	62	0.3	0.6	0.2	27	0.74	0.060
1500509	Soil	0.4	29.7	15.7	88	0.1	26.2	10.8	170	2.12	8.0	2.7	6.7	75	0.4	1.0	0.2	39	0.77	0.053
1500510	Soil	0.5	18.5	16.5	78	<0.1	22.0	9.8	639	2.43	16.9	2.9	9.0	33	0.2	1.4	0.2	21	0.43	0.078
1500511	Soil	0.5	22.9	17.9	99	<0.1	22.1	10.7	438	2.58	19.9	2.1	7.4	41	0.1	1.7	0.3	18	0.54	0.060
1500512	Soil	0.5	32.2	19.4	66	<0.1	26.4	10.7	655	2.32	16.6	1.5	8.7	49	0.2	2.0	0.3	16	0.77	0.069
1500513	Soil	0.5	30.3	20.4	69	<0.1	25.9	11.3	304	2.62	19.8	3.2	10.7	35	0.2	2.2	0.3	18	0.47	0.066
1500514	Soil	0.5	29.1	18.2	68	<0.1	24.6	9.9	489	2.44	16.2	7.4	9.2	39	0.2	2.2	0.3	19	0.51	0.067
1500515	Soil	0.5	27.5	17.8	62	<0.1	23.2	10.0	347	2.24	19.1	1.2	7.7	41	0.1	1.8	0.3	19	0.58	0.079
1500516	Soil	0.5	30.7	20.7	74	<0.1	24.3	10.3	188	2.15	20.0	2.2	9.5	39	0.2	1.7	0.3	25	0.49	0.064
1500517	Soil	0.4	32.7	22.9	70	<0.1	26.0	10.0	213	1.87	13.4	2.7	10.6	40	0.3	2.0	0.3	24	0.46	0.060
1500518	Soil	0.5	23.3	15.4	71	<0.1	21.0	10.1	359	2.35	16.9	1.8	7.6	49	0.2	1.6	0.2	18	0.67	0.063
1500519	Soil	0.4	23.4	15.7	86	<0.1	22.2	9.5	1177	2.07	13.7	1.7	3.7	101	0.3	1.4	0.2	16	1.58	0.074
1500520	Soil	0.7	37.4	21.9	70	<0.1	35.7	14.5	3079	2.74	22.9	2.0	11.0	35	0.3	2.4	0.3	22	0.41	0.061
1500521	Soil	0.4	23.0	19.7	62	<0.1	23.5	10.5	638	2.31	18.8	0.7	8.5	35	0.2	1.7	0.2	15	0.49	0.057
1500522	Soil	0.6	29.1	20.3	77	<0.1	28.1	10.7	467	2.64	23.3	1.2	11.2	28	0.2	2.6	0.3	19	0.33	0.076
1500523	Soil	0.5	22.3	11.8	74	<0.1	21.2	9.2	331	1.69	6.2	2.7	4.2	77	0.5	0.6	0.2	29	0.97	0.066
1500524	Soil	0.2	20.2	10.2	58	<0.1	15.5	5.4	165	1.59	5.7	1.2	4.1	60	0.3	0.5	0.1	28	0.72	0.062
1500525	Soil	0.7	31.4	21.5	70	<0.1	25.7	10.5	386	2.72	7.5	2.3	16.1	22	<0.1	0.6	0.3	22	0.28	0.060
1500526	Soil	0.7	26.3	16.3	55	<0.1	22.9	8.5	207	2.51	9.0	3.0	9.2	16	<0.1	0.5	0.2	34	0.17	0.028
1500527	Soil	0.7	29.3	19.6	65	0.1	28.2	12.2	1016	2.77	10.1	1.4	7.3	46	0.2	0.8	0.2	31	0.56	0.063
1500528	Soil	1.1	33.6	20.6	80	0.1	32.8	11.0	507	2.82	12.4	2.7	6.6	42	0.3	0.9	0.2	39	0.65	0.059
1500529	Soil	0.5	33.9	14.8	84	<0.1	37.0	13.8	456	3.06	6.8	1.5	15.8	26	0.1	0.6	0.3	21	0.31	0.058
1500530	Soil	0.8	35.4	23.3	73	0.1	36.2	12.9	275	2.84	12.2	4.1	9.3	60	0.3	1.3	0.3	32	0.83	0.063

CERTIFICATE OF ANALYSIS

WHI14000192.1

	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	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
1500501	Soil	20	0.31	336	0.015	3	1.07	0.008	0.04	0.2	0.08	3.0	<0.1	0.08	3	0.7	<0.2
1500502	Soil	20	0.38	245	0.018	2	1.08	0.008	0.04	0.2	0.08	3.1	<0.1	<0.05	3	<0.5	<0.2
1500503	Soil	28	0.40	225	0.024	1	1.78	0.006	0.05	0.2	0.03	3.1	<0.1	<0.05	5	<0.5	<0.2
1500504	Soil	18	0.55	135	0.007	1	1.47	0.005	0.09	<0.1	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
1500505	Soil	18	0.47	303	0.030	1	1.22	0.005	0.14	0.1	0.06	3.1	0.2	<0.05	4	<0.5	<0.2
1500506	Soil	19	0.35	376	0.021	3	1.09	0.008	0.04	0.4	0.11	3.0	<0.1	0.17	3	0.8	<0.2
1500507	Soil	15	0.29	285	0.017	2	0.94	0.008	0.03	0.2	0.05	2.3	<0.1	0.10	2	0.5	<0.2
1500508	Soil	19	0.36	339	0.016	2	1.07	0.007	0.04	0.2	0.06	2.6	<0.1	0.09	3	0.6	<0.2
1500509	Soil	26	0.47	450	0.020	2	1.54	0.009	0.05	0.2	0.08	4.0	0.1	0.13	4	0.9	<0.2
1500510	Soil	17	0.44	129	0.015	1	1.03	0.007	0.05	0.1	0.02	2.3	<0.1	<0.05	3	<0.5	<0.2
1500511	Soil	16	0.45	106	0.010	2	1.11	0.007	0.06	<0.1	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
1500512	Soil	16	0.41	116	0.011	2	0.99	0.006	0.05	0.1	0.06	2.4	<0.1	<0.05	3	<0.5	<0.2
1500513	Soil	15	0.44	115	0.013	<1	0.98	0.006	0.05	0.1	0.05	2.2	<0.1	<0.05	3	<0.5	<0.2
1500514	Soil	17	0.44	117	0.014	2	1.04	0.007	0.05	0.1	0.05	2.4	<0.1	<0.05	3	<0.5	<0.2
1500515	Soil	16	0.43	132	0.015	<1	0.99	0.007	0.05	0.1	0.06	2.3	<0.1	<0.05	3	<0.5	<0.2
1500516	Soil	20	0.47	190	0.013	<1	1.16	0.008	0.05	0.1	0.06	2.9	<0.1	<0.05	3	<0.5	<0.2
1500517	Soil	20	0.50	186	0.012	1	1.14	0.007	0.05	0.1	0.05	3.0	<0.1	<0.05	3	<0.5	<0.2
1500518	Soil	15	0.42	124	0.013	2	0.88	0.007	0.05	0.1	0.04	2.1	<0.1	<0.05	3	<0.5	<0.2
1500519	Soil	14	0.38	199	0.009	2	1.01	0.008	0.05	<0.1	0.05	1.8	<0.1	0.09	3	<0.5	<0.2
1500520	Soil	19	0.46	188	0.013	<1	1.10	0.007	0.06	0.1	0.07	3.0	<0.1	<0.05	4	0.5	<0.2
1500521	Soil	13	0.35	118	0.010	<1	0.81	0.006	0.05	<0.1	0.04	2.0	<0.1	<0.05	3	<0.5	<0.2
1500522	Soil	16	0.45	102	0.019	1	0.97	0.008	0.06	<0.1	0.02	2.5	<0.1	<0.05	3	<0.5	<0.2
1500523	Soil	19	0.34	337	0.019	2	1.02	0.009	0.04	0.1	0.06	2.8	<0.1	0.15	3	0.7	<0.2
1500524	Soil	16	0.31	295	0.017	1	0.94	0.008	0.03	0.2	0.06	2.4	<0.1	0.09	3	0.6	<0.2
1500525	Soil	18	0.43	189	0.015	1	1.16	0.006	0.07	<0.1	0.07	2.4	<0.1	<0.05	4	<0.5	<0.2
1500526	Soil	23	0.38	229	0.017	<1	1.32	0.007	0.05	0.2	0.07	2.9	<0.1	<0.05	4	<0.5	<0.2
1500527	Soil	21	0.35	323	0.015	1	1.18	0.007	0.05	0.2	0.07	3.3	<0.1	<0.05	3	0.8	<0.2
1500528	Soil	24	0.44	241	0.030	2	1.17	0.011	0.05	0.2	0.06	4.1	<0.1	<0.05	4	<0.5	<0.2
1500529	Soil	20	0.55	169	0.013	<1	1.23	0.009	0.05	<0.1	0.07	3.2	<0.1	<0.05	4	<0.5	<0.2
1500530	Soil	20	0.38	224	0.019	1	1.10	0.009	0.05	0.1	0.08	4.1	<0.1	<0.05	4	<0.5	<0.2

CERTIFICATE OF ANALYSIS

WHI14000192.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	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	0.1	2	0.01	0.001
1500531	Soil	0.8	29.9	17.9	55	0.1	23.8	9.3	575	2.15	8.7	1.3	4.7	88	0.3	1.2	0.2	25	1.30	0.068
1500532	Soil	0.6	21.6	10.9	53	<0.1	19.5	7.1	251	1.88	10.0	2.6	6.2	20	0.1	0.9	0.2	22	0.27	0.065
1500533	Soil	0.6	21.5	10.5	52	<0.1	18.6	7.3	247	1.89	10.6	2.8	6.4	21	0.1	0.8	0.2	20	0.26	0.064
1500534	Soil	0.4	13.2	14.2	53	<0.1	14.8	6.3	191	1.63	6.9	2.3	5.0	30	0.2	0.6	0.2	22	0.38	0.056
1500535	Soil	0.3	14.3	14.2	58	<0.1	14.6	5.4	174	1.23	2.9	2.4	3.6	48	0.2	0.5	0.2	26	0.60	0.057
1500536	Soil	0.6	25.1	17.2	51	<0.1	18.8	7.5	179	1.99	9.1	1.5	7.0	20	<0.1	0.7	0.2	27	0.22	0.045
1500537	Soil	0.8	29.7	15.1	57	<0.1	23.7	9.3	476	2.21	11.4	4.6	5.9	27	<0.1	1.0	0.2	25	0.28	0.066
1500538	Soil	0.9	24.3	13.1	56	<0.1	21.3	8.6	321	2.27	10.6	3.8	5.1	28	0.1	0.9	0.2	29	0.27	0.062
1500539	Soil	1.0	29.4	17.4	67	0.1	24.1	9.5	327	2.28	11.5	4.4	6.7	31	0.4	1.0	0.2	33	0.30	0.057
1500540	Soil	0.4	9.0	8.4	43	<0.1	11.0	4.7	125	1.42	6.0	2.8	3.9	27	0.2	0.5	0.1	23	0.31	0.052
1500541	Soil	0.1	12.5	9.9	46	<0.1	11.0	3.8	117	1.16	4.6	1.5	3.5	50	0.1	0.4	0.1	21	0.53	0.048
1500542	Soil	0.4	16.3	13.9	59	<0.1	15.0	6.2	185	1.51	5.3	3.4	4.1	50	0.3	0.5	0.2	24	0.54	0.051
1500543	Soil	0.5	17.1	11.7	52	<0.1	14.0	6.7	169	2.24	8.9	5.1	2.4	61	0.3	0.4	0.2	26	0.68	0.053
1500544	Soil	0.4	14.2	12.6	59	<0.1	13.3	5.1	125	1.66	4.0	2.9	4.5	51	0.2	0.4	0.1	26	0.52	0.056
1500545	Soil	0.4	20.1	17.3	72	<0.1	18.7	9.3	224	2.05	7.5	1.5	4.2	43	0.3	0.5	0.2	32	0.46	0.066
1500546	Soil	0.7	23.5	15.5	72	0.1	18.7	7.9	182	2.40	10.0	3.2	5.0	40	0.2	0.6	0.2	36	0.45	0.061
1500547	Soil	0.5	21.8	14.9	74	0.1	19.1	10.2	270	2.38	6.7	2.2	5.5	30	0.2	0.6	0.3	34	0.35	0.059
1500548	Soil	0.4	12.5	14.8	67	<0.1	15.5	8.3	223	2.12	6.2	2.3	3.6	53	0.1	0.4	0.2	34	0.57	0.057
1500549	Soil	0.9	31.9	17.2	97	0.2	30.7	13.5	958	2.96	14.3	10.2	6.8	57	0.5	1.1	0.2	33	0.65	0.061
1500550	Soil	1.0	41.2	25.4	94	0.1	32.5	12.8	671	2.84	15.5	2.4	10.9	27	0.2	1.5	0.3	26	0.32	0.062
1500551	Soil	0.7	24.1	14.3	67	0.1	21.0	9.7	288	2.08	8.5	8.6	3.9	56	0.3	0.7	0.2	34	0.53	0.064
1500552	Soil	1.2	32.1	13.8	69	0.1	27.6	9.3	410	2.58	14.2	2.6	6.6	34	0.2	2.3	0.2	30	0.33	0.051
1500553	Soil	0.6	38.3	15.7	78	<0.1	33.2	15.1	766	2.90	18.2	<0.5	11.3	23	0.2	2.0	0.3	17	0.22	0.053
1500554	Soil	0.8	27.3	11.6	69	0.1	25.3	10.6	563	2.43	11.6	1.8	7.2	37	0.3	1.0	0.2	32	0.33	0.052
1500555	Soil	0.3	15.1	10.7	49	<0.1	15.2	5.9	105	1.64	7.0	1.1	3.7	66	0.2	0.5	0.1	29	0.72	0.050
1500556	Soil	1.0	28.4	15.6	66	0.1	24.7	12.8	383	3.00	13.7	2.9	5.9	60	0.3	0.9	0.2	36	0.51	0.059
1500557	Soil	0.7	19.3	13.7	55	0.1	16.7	8.7	461	2.38	10.8	2.0	4.2	37	0.1	0.7	0.2	25	0.45	0.053
1500558	Soil	0.3	13.3	13.3	56	<0.1	13.4	5.9	204	1.39	5.7	0.8	3.6	36	0.2	0.5	0.2	32	0.42	0.047
1500559	Soil	0.3	14.0	11.5	47	<0.1	12.8	5.4	240	1.18	3.3	3.2	3.6	36	0.1	0.5	0.2	24	0.46	0.047
1500560	Soil	0.9	28.1	13.1	75	0.1	27.4	10.3	384	2.49	13.9	0.6	8.4	25	0.2	1.2	0.1	26	0.26	0.060

CERTIFICATE OF ANALYSIS

WHI14000192.1

Method Analyte Unit MDL		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	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	0.1	0.05	1	0.5
1500531	Soil	18	0.39	252	0.021	3	1.11	0.007	0.06	0.1	0.08	2.8	<0.1	0.06	3	<0.5	<0.2
1500532	Soil	15	0.33	133	0.017	<1	0.76	0.006	0.03	0.2	0.04	2.0	<0.1	<0.05	3	<0.5	<0.2
1500533	Soil	14	0.31	133	0.018	<1	0.78	0.007	0.03	0.2	0.04	2.0	<0.1	<0.05	2	<0.5	<0.2
1500534	Soil	15	0.29	199	0.012	<1	0.87	0.005	0.03	0.2	0.09	2.2	<0.1	0.06	3	<0.5	<0.2
1500535	Soil	18	0.31	250	0.012	<1	1.06	0.006	0.03	0.2	0.07	2.5	<0.1	0.10	3	<0.5	<0.2
1500536	Soil	17	0.35	203	0.017	<1	1.00	0.005	0.03	0.1	0.07	2.6	<0.1	<0.05	3	<0.5	<0.2
1500537	Soil	16	0.30	228	0.012	2	0.93	0.005	0.04	0.2	0.12	2.7	<0.1	<0.05	3	0.6	<0.2
1500538	Soil	20	0.34	296	0.017	5	1.12	0.008	0.04	0.2	0.09	3.0	<0.1	<0.05	3	<0.5	<0.2
1500539	Soil	19	0.35	303	0.020	2	1.11	0.006	0.04	0.2	0.13	3.4	<0.1	<0.05	3	0.8	<0.2
1500540	Soil	11	0.22	155	0.015	2	0.70	0.006	0.02	0.3	0.06	1.5	<0.1	<0.05	2	0.6	<0.2
1500541	Soil	11	0.24	193	0.012	2	0.73	0.005	0.02	0.2	0.05	1.6	<0.1	<0.05	2	<0.5	<0.2
1500542	Soil	15	0.29	231	0.012	3	0.89	0.005	0.03	0.2	0.08	2.2	<0.1	<0.05	2	<0.5	<0.2
1500543	Soil	13	0.25	195	0.011	1	0.87	0.005	0.02	0.2	0.06	1.5	<0.1	<0.05	3	0.5	<0.2
1500544	Soil	16	0.29	235	0.013	2	0.94	0.006	0.03	0.2	0.06	2.0	<0.1	<0.05	3	<0.5	<0.2
1500545	Soil	17	0.31	260	0.011	1	1.07	0.006	0.03	0.2	0.09	2.5	<0.1	<0.05	3	0.6	<0.2
1500546	Soil	21	0.37	319	0.014	2	1.24	0.006	0.04	0.2	0.09	2.9	<0.1	<0.05	3	0.8	<0.2
1500547	Soil	20	0.36	322	0.012	<1	1.25	0.006	0.04	0.2	0.13	2.8	<0.1	<0.05	3	<0.5	<0.2
1500548	Soil	20	0.33	265	0.014	<1	1.11	0.006	0.04	0.2	0.09	2.4	<0.1	<0.05	3	<0.5	<0.2
1500549	Soil	22	0.39	350	0.016	<1	1.27	0.007	0.04	0.1	0.10	3.4	<0.1	<0.05	4	0.7	<0.2
1500550	Soil	18	0.43	205	0.015	2	1.09	0.006	0.06	0.2	0.08	2.8	<0.1	<0.05	3	<0.5	<0.2
1500551	Soil	20	0.32	331	0.013	1	1.07	0.007	0.03	0.2	0.09	2.8	<0.1	<0.05	3	0.7	<0.2
1500552	Soil	22	0.33	316	0.023	2	1.02	0.007	0.04	0.2	0.15	3.5	<0.1	<0.05	3	<0.5	<0.2
1500553	Soil	12	0.29	124	0.013	<1	0.69	0.006	0.04	0.1	0.40	2.2	<0.1	<0.05	2	0.6	<0.2
1500554	Soil	19	0.37	285	0.020	1	0.97	0.007	0.04	0.2	0.15	2.7	<0.1	<0.05	3	1.0	<0.2
1500555	Soil	17	0.28	230	0.015	2	0.89	0.006	0.03	0.2	0.07	2.5	<0.1	<0.05	3	<0.5	<0.2
1500556	Soil	20	0.34	334	0.012	<1	1.25	0.006	0.04	0.2	0.11	3.1	0.1	<0.05	4	1.0	<0.2
1500557	Soil	14	0.28	194	0.010	<1	0.89	0.004	0.03	0.2	0.10	1.9	<0.1	<0.05	3	0.7	<0.2
1500558	Soil	16	0.29	270	0.012	<1	0.94	0.005	0.03	0.1	0.06	2.3	<0.1	<0.05	3	<0.5	<0.2
1500559	Soil	14	0.27	193	0.013	2	0.86	0.004	0.03	0.1	0.07	1.9	<0.1	<0.05	3	<0.5	<0.2
1500560	Soil	20	0.38	198	0.019	3	1.03	0.005	0.05	0.2	0.08	2.6	<0.1	<0.05	3	1.0	<0.2

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	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	0.1	2	0.01	0.001
1500561	Soil	0.8	15.9	12.1	50	0.1	17.3	8.9	285	2.09	9.5	1.2	3.9	37	0.1	0.6	0.2	41	0.39	0.053
1500562	Soil	0.7	19.4	11.5	57	<0.1	19.9	8.8	207	1.87	9.5	0.8	6.0	23	0.2	0.9	0.1	24	0.29	0.067
1500563	Soil	1.5	18.7	10.5	45	<0.1	13.3	5.3	235	2.60	15.0	1.0	1.1	9	0.2	1.1	0.2	57	0.07	0.045
1500564	Soil	1.8	18.4	11.6	38	0.3	13.0	4.1	156	2.33	14.2	3.8	2.1	6	0.2	1.1	0.2	51	0.05	0.033
1500565	Soil	1.1	56.1	6.5	50	0.1	19.3	6.6	210	2.07	12.1	<0.5	3.0	12	0.3	1.1	0.1	45	0.15	0.072
1500566	Soil	0.9	65.2	6.5	54	<0.1	20.7	7.4	230	2.07	12.4	0.6	4.0	13	0.2	1.1	0.1	41	0.18	0.078
1500567	Soil	1.3	15.0	13.0	51	<0.1	12.5	4.5	186	2.52	11.4	1.3	0.2	7	0.2	0.8	0.2	60	0.06	0.048
1500568	Soil	1.8	21.4	11.6	59	0.2	18.0	6.6	267	2.52	19.0	2.7	0.5	8	0.3	1.6	0.2	58	0.08	0.058
1500569	Soil	1.5	61.2	8.7	82	0.1	36.8	12.6	330	2.98	15.6	1.5	1.0	12	0.2	0.9	0.2	67	0.12	0.063
1500570	Soil	0.9	67.1	5.9	57	<0.1	26.4	13.9	267	2.12	8.6	1.4	0.9	10	0.3	0.7	0.1	56	0.12	0.055
1500571	Soil	1.0	100.3	6.5	69	0.2	30.6	14.8	272	2.78	10.0	5.5	1.4	12	0.5	0.7	0.1	75	0.13	0.056
1500572	Soil	1.8	39.6	11.7	69	0.1	24.5	8.5	293	3.25	17.4	<0.5	1.4	14	0.4	1.0	0.2	73	0.11	0.055
1500573	Soil	1.6	29.0	14.0	73	0.2	22.4	7.2	269	2.89	16.8	2.7	0.4	14	0.3	1.1	0.4	58	0.12	0.094
1500574	Soil	1.8	31.1	9.4	54	0.2	18.0	5.1	199	2.24	12.5	6.6	2.4	11	0.1	1.3	0.3	41	0.09	0.065
1500575	Soil	1.3	20.8	8.1	57	<0.1	17.8	7.1	286	2.09	9.7	5.7	2.2	8	0.3	0.7	0.2	41	0.08	0.047
1500576	Soil	1.2	22.3	8.2	56	<0.1	17.8	6.5	245	2.01	10.0	8.4	3.3	10	0.3	0.7	0.2	38	0.10	0.048
1500577	Soil	1.2	17.9	8.1	52	<0.1	15.3	5.4	263	2.03	9.4	2.1	0.9	9	0.2	0.7	0.2	45	0.10	0.050
1500578	Soil	1.0	24.9	8.0	60	<0.1	19.2	7.0	257	2.12	9.5	6.4	2.9	10	0.3	0.7	0.1	44	0.13	0.061
1500579	Soil	0.9	27.9	7.6	62	0.1	21.2	6.8	262	2.13	10.2	6.7	5.0	11	0.4	0.7	0.1	41	0.14	0.068
1500580	Soil	1.8	28.6	12.3	65	0.1	21.2	7.6	311	2.64	14.5	2.5	0.9	9	0.2	0.8	0.3	52	0.08	0.073
1500581	Soil	1.9	34.6	10.1	68	0.2	22.9	7.0	248	2.41	13.9	3.2	1.9	10	0.3	0.9	0.2	48	0.11	0.071
1500582	Soil	1.0	18.3	9.0	50	<0.1	18.5	7.8	288	2.34	10.9	1.4	1.6	9	0.2	0.6	0.1	46	0.09	0.036
1500583	Soil	0.8	16.4	5.2	35	<0.1	12.1	4.1	141	1.75	11.1	0.9	1.6	5	<0.1	0.5	<0.1	28	0.05	0.039
1500584	Soil	1.4	33.1	10.0	69	0.2	26.9	8.4	296	2.66	16.6	2.9	0.6	8	0.3	0.8	0.2	60	0.07	0.072
1500585	Soil	1.6	22.8	11.6	58	0.1	17.1	6.3	253	2.38	14.8	6.0	1.1	8	0.1	1.1	0.2	51	0.07	0.054
1500586	Soil	1.8	21.7	12.7	59	0.3	16.7	7.8	312	2.85	13.9	3.2	0.3	10	0.2	0.9	0.2	60	0.08	0.061
1500587	Soil	1.8	28.3	11.0	57	0.2	16.0	7.9	350	2.63	14.2	3.1	0.3	9	0.3	0.8	0.2	57	0.07	0.072
1500588	Soil	1.6	31.6	10.2	59	0.1	21.5	7.6	263	2.70	14.4	3.6	2.4	9	0.2	1.1	0.2	52	0.09	0.056
1500589	Soil	1.7	35.9	9.9	75	0.2	24.6	10.6	409	2.83	16.1	4.3	1.1	10	0.2	1.1	0.2	53	0.12	0.078
1500590	Soil	2.3	24.2	12.6	52	0.3	16.6	10.1	398	3.30	14.8	1.7	2.7	8	0.2	1.1	0.2	63	0.07	0.065

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	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
1500561	Soil	20	0.32	289	0.014	2	1.15	0.005	0.03	0.2	0.05	2.6	<0.1	<0.05	4	0.9	<0.2
1500562	Soil	15	0.30	177	0.014	<1	0.89	0.005	0.03	0.2	0.07	2.1	<0.1	<0.05	3	0.8	<0.2
1500563	Soil	24	0.27	82	0.032	1	1.25	0.004	0.03	0.2	0.05	1.5	<0.1	<0.05	5	0.9	<0.2
1500564	Soil	23	0.26	64	0.031	2	1.06	0.004	0.03	0.2	0.05	1.7	<0.1	<0.05	5	0.5	<0.2
1500565	Soil	21	0.35	84	0.034	<1	1.14	0.005	0.04	0.2	0.03	2.2	<0.1	<0.05	4	0.6	<0.2
1500566	Soil	21	0.36	85	0.038	1	1.11	0.006	0.03	0.2	0.04	2.4	<0.1	<0.05	3	0.8	<0.2
1500567	Soil	25	0.25	63	0.020	2	1.40	0.005	0.03	0.2	0.07	0.9	0.1	<0.05	6	0.7	<0.2
1500568	Soil	25	0.32	97	0.024	<1	1.30	0.006	0.03	0.2	0.03	1.3	<0.1	<0.05	5	0.8	<0.2
1500569	Soil	28	0.56	143	0.036	<1	1.80	0.006	0.04	0.1	0.05	2.4	0.1	<0.05	5	0.8	<0.2
1500570	Soil	20	0.40	94	0.040	<1	1.61	0.008	0.04	0.1	0.04	2.1	0.1	<0.05	4	1.1	<0.2
1500571	Soil	19	0.48	185	0.067	<1	1.56	0.008	0.08	0.1	0.05	3.1	0.1	<0.05	5	1.3	<0.2
1500572	Soil	29	0.54	162	0.039	1	1.73	0.006	0.05	0.3	0.06	2.9	0.1	<0.05	7	0.8	<0.2
1500573	Soil	33	0.42	212	0.028	4	1.85	0.007	0.05	0.3	0.04	1.7	0.2	0.06	5	<0.5	<0.2
1500574	Soil	26	0.31	156	0.022	2	1.25	0.005	0.03	0.2	0.05	2.3	<0.1	<0.05	4	<0.5	<0.2
1500575	Soil	23	0.30	82	0.025	<1	1.23	0.004	0.03	0.2	0.05	2.1	<0.1	<0.05	3	<0.5	<0.2
1500576	Soil	21	0.27	103	0.031	<1	0.99	0.004	0.03	0.2	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1500577	Soil	22	0.28	99	0.028	1	1.01	0.004	0.03	0.2	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
1500578	Soil	25	0.34	128	0.037	<1	1.17	0.005	0.04	0.3	0.03	2.9	<0.1	<0.05	3	<0.5	<0.2
1500579	Soil	22	0.30	110	0.045	1	1.01	0.005	0.03	0.4	0.03	3.4	<0.1	<0.05	3	<0.5	<0.2
1500580	Soil	30	0.38	105	0.026	1	1.52	0.005	0.05	0.2	0.04	2.0	0.1	<0.05	5	<0.5	<0.2
1500581	Soil	26	0.37	101	0.031	1	1.39	0.006	0.05	0.3	0.04	2.6	0.1	<0.05	4	<0.5	<0.2
1500582	Soil	25	0.32	145	0.028	<1	1.23	0.005	0.03	0.3	0.03	2.1	<0.1	<0.05	3	0.6	<0.2
1500583	Soil	17	0.15	34	0.023	<1	0.77	0.002	0.02	0.2	0.02	1.2	<0.1	<0.05	2	<0.5	<0.2
1500584	Soil	29	0.39	96	0.027	1	1.49	0.004	0.03	0.2	0.05	2.3	0.1	<0.05	5	<0.5	<0.2
1500585	Soil	27	0.35	86	0.025	1	1.37	0.004	0.04	0.2	0.04	1.8	<0.1	<0.05	4	0.5	<0.2
1500586	Soil	31	0.37	105	0.021	2	1.77	0.005	0.04	0.2	0.05	1.2	0.1	<0.05	6	<0.5	<0.2
1500587	Soil	27	0.31	114	0.019	1	1.66	0.005	0.04	0.2	0.05	1.1	0.1	<0.05	6	0.6	<0.2
1500588	Soil	28	0.42	99	0.031	<1	1.47	0.005	0.04	0.2	0.02	2.5	<0.1	<0.05	5	<0.5	<0.2
1500589	Soil	32	0.47	111	0.025	1	1.71	0.006	0.05	0.1	0.05	1.9	0.1	<0.05	5	<0.5	<0.2
1500590	Soil	33	0.30	64	0.043	1	1.47	0.005	0.03	0.2	0.06	2.1	0.1	<0.05	6	0.6	<0.2

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
1500591	Soil	2.1	22.5	11.1	39	0.3	13.5	4.3	170	1.70	11.8	0.5	0.1	9	0.4	0.8	0.3	55	0.06	0.052	16
1500592	Soil	1.0	49.4	9.5	67	0.1	27.0	12.7	428	3.01	14.1	4.7	1.4	9	0.3	0.8	0.2	60	0.08	0.045	14
1500593	Soil	1.4	27.5	9.4	68	<0.1	19.1	8.1	339	2.53	13.2	6.2	1.0	8	0.2	0.9	0.2	50	0.07	0.047	16
1500594	Soil	1.5	22.7	11.0	58	0.2	15.7	6.0	252	2.61	12.7	4.5	0.9	7	0.3	0.9	0.2	58	0.06	0.049	14
1500595	Soil	1.8	17.9	11.5	55	0.1	15.1	6.7	250	2.51	12.5	1.7	2.1	8	0.2	0.9	0.2	62	0.06	0.037	13
1500596	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1500597	Soil	1.3	30.1	9.4	72	0.1	23.1	9.6	331	2.51	11.7	11.4	4.3	11	0.3	0.8	0.2	47	0.16	0.063	15
1500598	Soil	1.5	55.6	9.2	55	0.2	21.4	7.0	244	2.42	21.6	7.8	3.3	10	0.1	0.9	0.2	45	0.11	0.072	21
1500599	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1500600	Soil	1.1	49.4	7.4	59	<0.1	24.6	9.2	298	2.20	10.6	3.2	3.3	9	0.3	0.6	0.1	45	0.14	0.058	13
1500601	Soil	1.4	101.8	8.8	70	<0.1	34.9	14.1	492	2.63	10.3	6.5	1.3	11	0.5	0.8	0.1	62	0.18	0.075	12
1500602	Soil	1.2	110.8	7.9	75	0.1	35.9	13.4	378	2.65	10.4	23.6	4.2	10	0.4	0.7	0.1	53	0.17	0.084	17
1500603	Soil	1.3	19.4	8.2	58	<0.1	17.0	6.7	305	2.07	9.3	1.8	1.2	8	0.3	0.6	0.1	44	0.09	0.051	14
1500604	Soil	1.6	21.7	10.3	57	<0.1	16.6	7.4	383	2.36	11.4	1.2	0.8	8	0.2	0.7	0.2	51	0.07	0.054	14
1500605	Soil	0.9	17.5	7.4	40	<0.1	12.9	4.4	127	1.65	8.3	4.7	0.8	8	0.2	0.5	0.1	33	0.08	0.048	12
1500606	Soil	1.0	33.5	6.7	59	<0.1	24.8	8.8	287	2.03	11.2	1.2	3.4	8	0.4	0.6	0.1	44	0.12	0.064	16
1500607	Soil	1.3	23.5	10.5	65	<0.1	20.8	9.2	326	2.45	12.2	1.8	1.5	8	0.2	0.7	0.2	53	0.08	0.045	17
1500608	Soil	1.6	25.9	10.9	49	0.2	17.0	5.3	157	2.32	10.5	2.7	0.3	8	0.2	0.6	0.2	63	0.08	0.067	13
1500609	Soil	1.2	18.5	8.8	61	<0.1	18.6	7.0	319	2.14	10.9	5.4	1.3	8	0.3	0.7	0.2	39	0.07	0.046	14
1500610	Soil	1.5	20.3	12.4	87	<0.1	21.5	10.1	519	2.68	13.0	2.2	1.6	11	0.4	0.9	0.2	51	0.08	0.054	15
1500611	Soil	1.0	20.7	9.8	53	<0.1	19.8	8.2	338	2.37	10.9	0.8	2.7	11	0.2	0.9	0.2	47	0.10	0.045	20
1500612	Soil	1.7	17.6	12.2	73	0.1	18.0	7.8	417	2.66	15.1	4.1	0.4	12	0.7	0.9	0.3	51	0.11	0.094	16
1500613	Soil	1.8	19.3	15.8	62	<0.1	21.3	8.6	334	3.35	15.3	4.4	3.7	13	0.4	1.0	0.3	70	0.11	0.037	15
1500614	Soil	1.0	34.7	11.0	59	<0.1	24.6	8.3	371	2.36	12.4	8.7	4.2	13	0.5	0.8	0.1	44	0.17	0.070	19
1500615	Soil	1.7	21.7	13.7	61	<0.1	18.3	6.7	287	2.92	15.5	<0.5	0.4	12	0.2	1.0	0.3	68	0.08	0.058	16
1500616	Soil	1.6	29.6	12.1	64	0.1	22.3	8.1	391	2.77	13.7	6.7	1.4	13	0.2	1.0	0.2	58	0.13	0.069	16
1500617	Soil	1.8	17.5	10.6	55	<0.1	16.8	5.4	229	2.63	14.6	12.1	2.3	15	0.2	0.8	0.2	58	0.12	0.041	18
1500618	Soil	1.8	18.9	12.1	67	0.1	20.2	7.5	306	3.04	14.9	1.6	3.2	15	0.2	0.9	0.2	59	0.13	0.048	16
1500619	Soil	1.6	38.1	8.0	54	0.2	17.6	4.5	220	2.37	25.8	5.3	1.2	13	0.3	1.8	0.3	33	0.07	0.083	27
1500620	Soil	1.6	32.3	10.7	58	0.1	19.2	8.2	346	2.75	16.0	5.2	1.0	14	0.2	1.0	0.2	56	0.09	0.057	16

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		Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
			Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	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
1500591	Soil	17	0.10	91	0.029	2	0.98	0.005	0.04	0.2	0.03	0.7	0.2	<0.05	5	<0.5	<0.2	
1500592	Soil	29	0.54	89	0.035	1	1.65	0.005	0.03	0.1	0.04	2.7	<0.1	<0.05	4	<0.5	<0.2	
1500593	Soil	30	0.38	73	0.025	1	1.59	0.005	0.03	0.2	0.04	1.8	0.1	<0.05	5	<0.5	<0.2	
1500594	Soil	28	0.25	75	0.024	<1	1.49	0.005	0.03	0.2	0.05	1.5	0.1	<0.05	5	0.6	<0.2	
1500595	Soil	26	0.29	125	0.026	1	1.58	0.004	0.04	0.2	0.06	2.1	0.1	<0.05	5	<0.5	<0.2	
1500596	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	
1500597	Soil	29	0.40	105	0.038	2	1.70	0.007	0.05	0.3	0.07	2.6	0.1	<0.05	4	<0.5	<0.2	
1500598	Soil	28	0.32	101	0.032	<1	1.32	0.007	0.03	0.3	0.05	2.8	<0.1	<0.05	4	<0.5	<0.2	
1500599	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	
1500600	Soil	26	0.35	90	0.048	<1	1.38	0.006	0.03	0.3	0.05	2.5	<0.1	<0.05	3	<0.5	<0.2	
1500601	Soil	35	0.42	101	0.061	1	1.91	0.008	0.04	0.2	0.04	2.3	0.1	<0.05	4	<0.5	<0.2	
1500602	Soil	34	0.43	142	0.067	1	1.72	0.008	0.03	0.3	0.05	3.2	<0.1	<0.05	4	<0.5	<0.2	
1500603	Soil	24	0.31	101	0.030	1	1.13	0.005	0.03	0.2	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2	
1500604	Soil	27	0.30	85	0.027	<1	1.27	0.004	0.03	0.2	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2	
1500605	Soil	18	0.20	62	0.021	<1	0.78	0.003	0.02	0.2	0.05	1.2	<0.1	<0.05	2	<0.5	<0.2	
1500606	Soil	22	0.31	80	0.035	<1	1.06	0.004	0.03	0.2	0.04	2.8	<0.1	<0.05	3	<0.5	<0.2	
1500607	Soil	29	0.38	114	0.032	1	1.55	0.005	0.04	0.3	0.04	2.4	0.1	<0.05	4	<0.5	<0.2	
1500608	Soil	30	0.24	104	0.027	2	1.56	0.006	0.03	0.3	0.06	1.1	0.2	<0.05	6	<0.5	<0.2	
1500609	Soil	24	0.32	69	0.025	1	1.28	0.004	0.03	0.2	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2	
1500610	Soil	29	0.43	131	0.030	1	1.61	0.007	0.05	0.2	0.05	2.4	0.1	<0.05	4	<0.5	<0.2	
1500611	Soil	26	0.39	117	0.040	1	1.39	0.007	0.04	0.3	0.04	2.9	<0.1	<0.05	4	<0.5	<0.2	
1500612	Soil	29	0.34	117	0.021	2	1.38	0.007	0.05	0.2	0.05	1.1	<0.1	0.06	5	<0.5	<0.2	
1500613	Soil	34	0.42	129	0.049	<1	2.14	0.007	0.05	0.3	0.05	3.3	0.2	<0.05	7	<0.5	<0.2	
1500614	Soil	27	0.38	115	0.057	2	1.22	0.007	0.04	0.3	0.05	3.6	<0.1	<0.05	3	<0.5	<0.2	
1500615	Soil	31	0.37	124	0.029	1	1.75	0.006	0.05	0.2	0.04	1.7	0.2	0.06	7	0.6	<0.2	
1500616	Soil	32	0.44	147	0.037	1	1.60	0.008	0.06	0.3	0.04	2.6	0.1	<0.05	5	<0.5	<0.2	
1500617	Soil	27	0.40	156	0.047	3	1.32	0.006	0.05	0.3	0.04	2.1	0.1	<0.05	6	<0.5	<0.2	
1500618	Soil	32	0.48	178	0.043	1	1.75	0.006	0.05	0.3	0.03	3.0	0.1	<0.05	5	<0.5	<0.2	
1500619	Soil	22	0.24	78	0.014	<1	1.08	0.005	0.04	0.2	0.06	1.4	<0.1	<0.05	3	<0.5	<0.2	
1500620	Soil	27	0.35	106	0.031	3	1.52	0.005	0.05	0.2	0.04	1.9	0.1	<0.05	5	<0.5	<0.2	

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
1500621	Soil	1.6	38.9	8.6	78	0.2	25.8	13.4	876	2.87	15.9	2.1	0.6	18	0.9	1.0	0.2	58	0.12	0.076	16
1500622	Soil	2.0	18.0	15.0	57	<0.1	15.0	5.1	276	3.17	13.8	1.5	0.4	8	0.1	1.1	0.3	83	0.05	0.055	13
1500623	Soil	1.6	19.1	13.8	62	<0.1	20.7	7.7	277	2.99	13.5	3.0	2.4	11	0.2	1.0	0.2	63	0.08	0.036	16
1500624	Soil	1.5	17.7	11.6	70	<0.1	18.0	8.8	543	2.59	12.7	2.2	0.5	10	0.2	0.8	0.2	55	0.07	0.067	15
1500625	Soil	0.3	11.6	9.5	61	<0.1	18.0	8.4	207	1.77	4.8	1.4	4.4	63	0.3	0.5	0.1	26	0.70	0.046	18
1500626	Soil	0.2	12.5	8.2	48	<0.1	15.2	6.8	454	1.72	4.0	1.1	4.0	60	0.2	0.5	0.1	23	0.70	0.058	18
1500627	Soil	0.6	21.8	18.9	50	0.1	22.2	9.1	427	2.12	13.0	2.1	6.3	24	0.1	1.6	0.2	22	0.25	0.053	24
1500628	Soil	0.5	26.9	15.0	53	<0.1	23.8	9.6	339	2.36	15.6	3.7	9.8	16	<0.1	1.7	0.2	17	0.18	0.045	30
1500629	Soil	0.4	22.2	10.1	44	<0.1	20.3	7.9	246	2.05	9.2	0.6	7.6	20	<0.1	1.8	0.2	21	0.21	0.044	31
1500630	Soil	0.6	22.9	12.6	57	<0.1	17.9	7.4	181	1.84	8.1	1.2	7.4	24	0.2	1.4	0.2	29	0.27	0.056	25
1500631	Soil	0.8	18.2	11.8	48	0.1	18.2	6.9	191	1.97	8.4	1.6	3.6	37	0.1	0.8	0.2	36	0.38	0.053	18
1500632	Soil	0.6	23.4	15.7	79	0.1	23.7	10.8	843	2.52	10.5	2.0	6.2	50	0.3	1.2	0.2	39	0.48	0.051	22
1500633	Soil	0.5	23.8	16.0	73	0.1	22.6	8.6	308	2.34	9.7	1.9	6.6	47	0.2	1.3	0.2	39	0.47	0.048	24
1500634	Soil	0.8	15.5	14.9	66	<0.1	18.2	6.6	221	3.15	37.9	3.6	4.4	53	0.2	1.0	0.2	46	0.56	0.063	19
1500635	Soil	0.7	29.1	15.7	82	0.2	27.2	12.5	239	3.23	14.1	3.5	6.1	58	0.3	1.5	0.2	37	0.54	0.056	23
1500636	Soil	0.9	22.8	14.6	61	0.1	21.6	8.7	194	2.25	15.0	2.0	6.0	33	0.3	1.2	0.2	36	0.31	0.055	22
1500637	Soil	0.8	26.9	13.0	66	0.1	23.1	10.4	239	2.37	12.6	2.7	5.4	66	0.3	1.2	0.2	42	0.60	0.061	20
1500638	Soil	0.6	19.4	14.6	59	0.1	17.6	6.7	128	2.42	14.1	1.6	5.2	34	0.2	1.1	0.2	37	0.35	0.057	22
1500639	Soil	0.6	43.5	21.8	72	0.1	30.5	11.5	404	2.69	31.9	2.1	9.9	40	0.3	3.2	0.3	22	0.50	0.055	38
1500640	Soil	0.5	14.0	10.9	74	<0.1	16.1	5.9	316	1.71	7.6	4.4	3.0	44	0.2	0.7	0.2	30	0.50	0.055	17
1500641	Soil	0.6	33.9	19.1	79	<0.1	33.0	14.6	802	3.05	27.4	2.3	11.7	31	0.2	2.8	0.3	23	0.40	0.058	36
1500642	Soil	0.4	28.9	18.7	64	<0.1	25.5	10.7	513	2.50	20.9	1.7	8.9	48	0.2	2.9	0.3	19	0.66	0.044	35
1500643	Soil	0.6	23.0	26.5	67	<0.1	24.6	11.4	660	2.92	34.2	1.6	8.6	22	0.2	2.4	0.3	23	0.27	0.044	30
1500644	Soil	0.7	23.0	13.0	74	0.1	21.5	9.1	198	2.35	11.1	1.4	5.1	54	0.3	0.9	0.2	36	0.50	0.060	21
1500645	Soil	0.4	20.5	14.2	64	0.1	18.7	9.6	570	1.79	6.7	1.2	5.1	55	0.3	1.0	0.2	28	0.42	0.052	17
1500646	Soil	0.2	18.0	12.5	52	<0.1	17.5	6.8	111	1.31	5.0	1.5	5.3	53	0.1	0.9	0.2	24	0.42	0.045	16
1500647	Soil	0.2	16.6	10.0	48	0.1	18.3	7.8	183	1.82	9.4	3.7	4.1	83	0.3	0.7	0.1	23	0.82	0.048	13
1500648	Soil	0.2	9.7	7.6	43	<0.1	13.0	6.0	138	1.15	3.7	1.5	3.3	51	<0.1	0.4	0.1	19	0.58	0.056	12
1500649	Soil	<0.1	5.8	4.3	35	<0.1	8.7	3.1	102	0.79	1.1	1.1	3.1	32	<0.1	0.3	<0.1	13	0.37	0.049	11
1500650	Soil	0.5	28.6	25.2	57	<0.1	24.5	9.7	132	2.46	6.4	1.0	13.1	20	<0.1	0.8	0.3	16	0.21	0.039	36

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	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
1500621	Soil	26	0.52	167	0.027	1	1.67	0.006	0.05	0.2	0.05	2.0	<0.1	<0.05	5	<0.5	<0.2
1500622	Soil	29	0.18	75	0.037	<1	1.26	0.003	0.04	0.2	0.06	1.3	0.1	0.05	7	0.5	<0.2
1500623	Soil	30	0.36	146	0.039	<1	1.82	0.005	0.04	0.3	0.04	3.0	0.1	<0.05	5	<0.5	<0.2
1500624	Soil	28	0.37	113	0.031	2	1.61	0.005	0.06	0.2	0.04	1.5	0.1	0.06	5	<0.5	<0.2
1500625	Soil	17	0.33	396	0.018	2	1.03	0.007	0.04	0.1	0.05	2.5	<0.1	0.11	3	0.7	<0.2
1500626	Soil	16	0.31	286	0.016	1	0.93	0.007	0.04	0.2	0.04	2.2	<0.1	0.09	2	<0.5	<0.2
1500627	Soil	15	0.29	168	0.012	<1	1.05	0.004	0.04	0.3	0.05	2.5	<0.1	<0.05	3	<0.5	<0.2
1500628	Soil	15	0.33	108	0.014	<1	1.00	0.004	0.05	0.1	0.04	2.2	<0.1	<0.05	2	<0.5	<0.2
1500629	Soil	15	0.32	123	0.018	<1	0.91	0.001	0.04	0.1	0.04	2.5	<0.1	<0.05	2	<0.5	<0.2
1500630	Soil	17	0.38	190	0.030	1	1.07	0.008	0.05	0.2	0.05	2.8	<0.1	<0.05	3	<0.5	<0.2
1500631	Soil	21	0.33	268	0.020	<1	1.18	0.007	0.05	0.2	0.06	3.5	<0.1	<0.05	3	<0.5	<0.2
1500632	Soil	25	0.47	376	0.020	1	1.55	0.008	0.06	0.1	0.07	3.8	<0.1	0.06	4	<0.5	<0.2
1500633	Soil	25	0.48	368	0.022	<1	1.60	0.009	0.06	0.2	0.08	3.9	0.1	0.07	4	<0.5	<0.2
1500634	Soil	22	0.38	295	0.013	1	1.37	0.007	0.05	0.2	0.06	3.2	<0.1	0.08	4	<0.5	<0.2
1500635	Soil	23	0.42	402	0.018	1	1.34	0.008	0.06	0.2	0.12	3.9	<0.1	0.08	4	<0.5	<0.2
1500636	Soil	21	0.38	361	0.020	<1	1.26	0.007	0.05	0.2	0.08	3.3	<0.1	<0.05	4	<0.5	<0.2
1500637	Soil	25	0.41	342	0.024	1	1.37	0.008	0.06	0.2	0.07	4.1	<0.1	0.06	4	<0.5	<0.2
1500638	Soil	22	0.39	257	0.016	<1	1.38	0.007	0.05	0.2	0.08	3.1	<0.1	<0.05	4	<0.5	<0.2
1500639	Soil	18	0.47	130	0.014	2	1.16	0.008	0.07	0.1	0.10	2.9	<0.1	<0.05	3	<0.5	<0.2
1500640	Soil	18	0.36	266	0.014	<1	1.16	0.008	0.05	0.2	0.06	2.5	<0.1	0.07	3	<0.5	<0.2
1500641	Soil	20	0.51	127	0.023	<1	1.09	0.009	0.08	0.1	0.06	2.9	<0.1	<0.05	3	<0.5	<0.2
1500642	Soil	17	0.47	153	0.017	1	1.06	0.008	0.07	0.1	0.06	2.5	<0.1	<0.05	3	<0.5	<0.2
1500643	Soil	18	0.44	164	0.010	<1	1.29	0.005	0.06	0.1	0.03	2.6	<0.1	<0.05	3	<0.5	<0.2
1500644	Soil	22	0.42	398	0.016	1	1.48	0.007	0.05	0.2	0.08	3.3	<0.1	0.10	4	<0.5	<0.2
1500645	Soil	19	0.34	461	0.010	2	1.13	0.005	0.04	0.2	0.07	2.7	<0.1	0.07	3	<0.5	<0.2
1500646	Soil	17	0.33	298	0.013	2	1.05	0.005	0.03	0.1	0.07	2.7	<0.1	0.08	3	0.5	<0.2
1500647	Soil	15	0.26	350	0.013	4	0.83	0.005	0.03	0.1	0.06	2.2	<0.1	0.15	2	0.9	<0.2
1500648	Soil	13	0.24	226	0.014	1	0.73	0.005	0.03	0.1	0.03	1.9	<0.1	0.11	2	0.8	<0.2
1500649	Soil	9	0.20	135	0.014	1	0.55	0.005	0.02	0.2	0.02	1.2	<0.1	0.05	2	0.7	<0.2
1500650	Soil	13	0.33	110	0.008	2	0.91	0.003	0.07	<0.1	0.06	1.4	<0.1	<0.05	2	<0.5	<0.2

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
1500651	Soil	0.2	11.5	8.5	41	<0.1	13.3	5.1	250	1.43	5.1	1.7	3.0	56	0.1	0.6	0.1	20	0.66	0.054	12
1500652	Soil	0.5	14.6	10.5	51	<0.1	16.7	7.3	212	2.43	11.8	2.1	4.4	49	0.3	0.8	0.2	26	0.55	0.055	16
1500653	Soil	0.2	22.5	11.3	78	0.1	21.0	8.5	246	2.04	6.1	1.7	4.3	76	0.6	0.7	0.2	26	0.86	0.063	17
1500654	Soil	0.4	20.6	13.4	79	0.1	23.8	11.7	646	2.32	9.8	0.8	4.3	79	0.4	0.5	0.2	33	0.90	0.060	19
1500655	Soil	0.8	14.2	76.9	37	<0.1	10.6	3.3	103	1.39	6.0	0.9	3.8	7	<0.1	0.5	0.2	32	0.05	0.016	14
1500656	Soil	0.3	18.2	12.2	46	0.1	17.3	6.7	99	1.60	5.7	2.0	4.5	34	0.1	0.8	0.2	30	0.42	0.048	16
1500657	Soil	0.8	23.4	14.4	60	0.1	22.6	9.5	258	2.35	12.4	1.9	7.7	32	0.2	1.2	0.2	29	0.45	0.045	21
1500658	Soil	0.4	27.1	13.8	57	0.1	25.0	9.1	136	2.39	12.4	2.4	5.6	61	0.7	1.1	0.2	29	0.66	0.051	20
1500659	Soil	0.7	18.6	10.9	45	<0.1	19.1	7.3	393	1.90	9.3	0.6	6.1	25	<0.1	1.1	0.2	16	0.36	0.053	20
1500660	Soil	0.7	19.8	12.5	47	0.1	18.7	6.9	217	2.02	9.4	1.9	4.4	63	0.2	1.1	0.2	29	0.88	0.055	17
1500661	Soil	0.9	17.9	12.1	45	<0.1	18.4	9.1	360	2.21	9.7	1.0	3.8	32	<0.1	0.7	0.2	31	0.41	0.056	15
1500662	Soil	0.7	22.3	13.2	59	<0.1	19.6	7.6	133	2.05	9.9	3.1	6.2	21	0.1	1.0	0.2	34	0.25	0.046	19
1500663	Soil	0.7	32.5	14.6	58	0.1	23.9	8.9	354	2.42	9.0	2.4	9.2	23	<0.1	1.1	0.3	23	0.31	0.051	29
1500664	Soil	0.5	24.6	12.1	55	<0.1	21.9	8.3	346	2.27	6.4	1.2	8.8	25	<0.1	0.7	0.2	19	0.32	0.045	28
1500665	Soil	0.6	23.8	13.0	53	<0.1	22.3	8.7	365	2.24	8.2	1.2	8.3	27	<0.1	0.8	0.2	18	0.38	0.047	27
1500666	Soil	0.6	33.9	15.7	69	<0.1	30.2	11.0	560	2.82	11.4	1.0	11.8	23	0.1	1.2	0.3	20	0.30	0.045	32
1500667	Soil	0.6	24.9	14.2	57	<0.1	22.7	9.3	348	2.41	8.6	1.8	9.1	24	<0.1	1.0	0.2	20	0.30	0.037	26
1500668	Soil	0.7	30.5	14.6	61	0.1	28.3	10.6	393	2.60	9.1	0.7	6.4	28	0.1	1.1	0.2	18	0.41	0.043	31
1500669	Soil	0.4	17.4	10.4	41	<0.1	16.5	7.1	262	1.87	6.3	<0.5	7.3	11	<0.1	0.6	0.2	15	0.14	0.035	23
1500670	Soil	0.6	30.4	19.9	62	<0.1	26.3	12.1	694	2.59	8.9	2.0	12.5	16	<0.1	0.8	0.2	13	0.18	0.040	41
1500671	Soil	0.4	14.4	9.4	40	<0.1	14.6	6.2	230	1.72	5.8	0.6	6.2	16	<0.1	0.9	0.2	14	0.18	0.036	19
1500672	Soil	0.7	28.3	15.8	65	0.1	30.0	11.2	466	2.57	7.9	1.5	10.1	26	0.1	0.9	0.3	16	0.35	0.048	33
1500673	Soil	0.6	30.9	15.8	62	<0.1	24.8	11.4	435	2.63	9.0	3.3	10.4	24	0.1	1.1	0.2	20	0.37	0.048	29
1500674	Soil	0.8	26.8	12.1	57	0.1	24.5	8.4	311	2.36	9.0	1.8	7.9	26	<0.1	1.1	0.2	26	0.31	0.043	24
1500675	Soil	1.0	19.9	11.5	44	<0.1	19.3	9.5	354	2.43	11.3	4.9	4.6	27	0.1	0.9	0.2	35	0.32	0.052	17
1500676	Soil	0.7	16.7	11.9	48	0.1	14.9	6.0	106	1.78	8.3	1.2	3.6	24	<0.1	0.6	0.2	34	0.28	0.055	15
1500677	Soil	0.6	17.0	11.5	53	<0.1	16.7	7.3	127	1.96	9.7	1.4	4.3	29	<0.1	0.8	0.2	34	0.34	0.059	16
1500678	Soil	0.6	12.8	10.1	53	<0.1	16.9	6.6	269	1.91	7.2	1.9	3.8	28	<0.1	0.7	0.2	32	0.34	0.062	15
1500679	Soil	0.4	18.5	10.1	49	<0.1	18.2	6.9	176	1.99	7.9	2.0	6.3	23	0.1	1.1	0.2	24	0.27	0.051	18
1500680	Soil	0.4	28.0	13.6	53	<0.1	24.5	10.1	210	2.32	12.3	6.5	5.6	29	0.3	1.2	0.2	32	0.36	0.048	19

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	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
1500651	Soil	12	0.25	211	0.012	2	0.76	0.005	0.03	0.2	0.04	1.8	<0.1	0.09	2	0.5	<0.2
1500652	Soil	17	0.32	311	0.014	2	0.99	0.006	0.03	0.2	0.07	2.4	<0.1	0.09	3	0.8	<0.2
1500653	Soil	19	0.35	387	0.015	3	1.08	0.007	0.04	0.1	0.06	2.7	<0.1	0.16	3	1.0	<0.2
1500654	Soil	21	0.40	454	0.014	3	1.27	0.007	0.04	0.1	0.08	3.1	<0.1	0.12	3	1.2	<0.2
1500655	Soil	14	0.19	77	0.027	1	0.93	0.004	0.03	0.1	0.03	1.5	<0.1	<0.05	3	0.6	<0.2
1500656	Soil	20	0.32	409	0.010	2	1.18	0.006	0.04	0.1	0.05	3.1	<0.1	<0.05	3	<0.5	<0.2
1500657	Soil	19	0.34	304	0.013	2	1.08	0.006	0.06	0.2	0.06	2.9	<0.1	<0.05	3	0.6	<0.2
1500658	Soil	19	0.31	377	0.011	2	1.06	0.006	0.04	0.2	0.07	3.5	<0.1	0.06	3	1.2	<0.2
1500659	Soil	13	0.29	165	0.008	1	0.79	0.005	0.05	<0.1	0.03	2.1	<0.1	<0.05	2	<0.5	<0.2
1500660	Soil	18	0.35	320	0.009	2	1.14	0.006	0.05	0.1	0.05	2.8	<0.1	0.07	3	<0.5	<0.2
1500661	Soil	18	0.31	314	0.011	1	1.07	0.006	0.04	0.2	0.06	2.7	<0.1	<0.05	3	<0.5	<0.2
1500662	Soil	20	0.35	286	0.014	<1	1.13	0.006	0.05	0.2	0.05	3.1	<0.1	<0.05	3	0.7	<0.2
1500663	Soil	17	0.35	253	0.011	2	1.13	0.005	0.07	0.1	0.07	3.0	<0.1	<0.05	3	0.6	<0.2
1500664	Soil	16	0.38	196	0.013	3	1.09	0.005	0.09	<0.1	0.05	2.4	<0.1	<0.05	3	<0.5	<0.2
1500665	Soil	14	0.34	203	0.010	2	1.02	0.005	0.08	<0.1	0.07	2.3	<0.1	<0.05	2	<0.5	<0.2
1500666	Soil	16	0.39	188	0.010	2	1.18	0.007	0.12	0.1	0.09	2.9	<0.1	<0.05	3	0.6	<0.2
1500667	Soil	15	0.35	166	0.011	2	1.05	0.006	0.10	<0.1	0.04	2.4	<0.1	<0.05	3	<0.5	<0.2
1500668	Soil	14	0.34	160	0.007	2	1.14	0.005	0.11	<0.1	0.07	2.0	<0.1	<0.05	3	<0.5	<0.2
1500669	Soil	12	0.31	126	0.009	<1	0.86	0.003	0.08	0.1	0.04	1.6	<0.1	<0.05	2	<0.5	<0.2
1500670	Soil	15	0.36	140	0.008	2	1.13	0.006	0.16	<0.1	0.06	3.0	0.1	<0.05	3	<0.5	<0.2
1500671	Soil	12	0.28	148	0.008	1	0.92	0.005	0.08	<0.1	0.02	1.8	<0.1	<0.05	2	<0.5	<0.2
1500672	Soil	18	0.38	191	0.007	3	1.20	0.005	0.12	<0.1	0.06	2.5	<0.1	<0.05	3	<0.5	<0.2
1500673	Soil	17	0.39	190	0.012	2	1.11	0.005	0.08	0.1	0.05	2.6	<0.1	<0.05	3	<0.5	<0.2
1500674	Soil	19	0.34	287	0.016	2	1.16	0.006	0.07	0.2	0.05	3.2	<0.1	<0.05	3	<0.5	<0.2
1500675	Soil	20	0.32	356	0.012	1	1.19	0.005	0.04	0.2	0.06	3.2	<0.1	<0.05	3	0.6	<0.2
1500676	Soil	21	0.34	270	0.012	1	1.24	0.006	0.04	0.2	0.06	2.9	<0.1	<0.05	4	<0.5	<0.2
1500677	Soil	19	0.35	278	0.013	1	1.16	0.005	0.04	0.2	0.06	2.8	<0.1	<0.05	3	<0.5	<0.2
1500678	Soil	20	0.34	276	0.011	1	1.20	0.006	0.05	0.2	0.07	2.5	<0.1	0.06	3	0.6	<0.2
1500679	Soil	16	0.32	229	0.016	<1	0.92	0.006	0.05	0.2	0.02	2.7	<0.1	<0.05	2	0.5	<0.2
1500680	Soil	21	0.34	331	0.010	1	1.18	0.006	0.05	0.2	0.05	3.2	<0.1	<0.05	3	0.8	<0.2

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
1500681	Soil	0.8	43.2	18.4	58	0.1	32.6	10.8	449	3.23	20.1	2.5	5.6	82	0.4	2.1	0.3	28	1.17	0.065	34
1500682	Soil	0.5	25.7	11.7	59	<0.1	22.4	8.7	214	2.22	12.8	3.6	5.5	34	0.3	1.3	0.2	33	0.43	0.053	18
1500683	Soil	0.4	14.6	11.6	56	<0.1	15.2	6.4	115	1.66	7.0	1.8	5.2	31	0.2	1.0	0.2	30	0.39	0.051	17
1500684	Soil	0.7	29.3	11.8	55	<0.1	23.1	8.4	210	2.61	14.0	2.8	5.3	29	0.3	1.3	0.2	35	0.36	0.063	21
1500685	Soil	1.6	18.7	11.4	68	0.1	17.7	7.2	280	2.60	51.2	2.9	0.8	9	0.2	0.9	0.2	48	0.07	0.061	14
1500686	Soil	1.5	27.9	10.9	77	0.2	23.9	8.2	312	2.48	75.2	6.9	1.4	10	0.3	0.9	0.2	42	0.09	0.073	18
1500687	Soil	1.3	13.0	9.2	89	0.3	16.0	5.2	252	2.38	150.8	2.3	0.5	14	0.2	0.6	0.3	48	0.11	0.076	14
1500688	Soil	1.0	26.5	11.1	83	<0.1	29.2	13.0	458	2.52	32.5	2.8	5.1	13	0.2	0.7	0.2	40	0.17	0.082	17
1500689	Soil	1.0	14.1	13.0	52	0.2	18.4	6.3	160	2.18	77.9	2.7	0.2	13	0.1	0.4	0.3	47	0.10	0.058	14
1500690	Soil	0.7	12.0	9.8	71	0.3	19.0	5.8	154	1.62	11.2	3.0	0.5	12	0.1	0.4	0.2	36	0.09	0.070	12
1500691	Soil	1.2	17.1	9.9	98	0.4	31.0	8.4	259	2.49	19.4	1.6	3.4	14	0.2	0.6	0.2	40	0.17	0.072	16
1500692	Soil	2.0	11.1	10.5	63	<0.1	14.3	6.8	455	2.73	19.7	1.6	0.5	11	0.1	0.9	0.3	52	0.08	0.051	13
1500693	Soil	1.3	45.2	13.4	104	0.2	35.8	17.4	449	2.96	44.2	1.1	5.7	14	0.2	0.7	0.2	44	0.14	0.054	20
1500694	Soil	1.6	41.0	16.3	114	0.4	33.8	16.6	469	3.40	43.0	2.3	4.5	16	0.3	0.9	0.3	52	0.13	0.066	19
1500695	Soil	2.1	29.6	14.7	112	0.2	29.0	16.8	480	3.28	46.4	2.3	1.9	13	0.2	0.8	0.3	53	0.08	0.058	21
1500696	Soil	2.1	35.4	16.8	121	0.2	29.1	12.4	404	3.39	48.1	2.1	2.6	15	0.3	0.9	0.3	53	0.08	0.055	18
1500697	Soil	2.1	40.1	22.8	109	0.2	35.0	15.3	458	3.43	199.4	2.4	2.9	14	0.4	0.9	0.4	48	0.09	0.080	18
1500698	Soil	1.7	26.1	15.1	83	0.3	21.0	8.5	335	2.71	47.8	2.4	0.6	11	0.3	0.8	0.2	45	0.08	0.085	12
1500699	Soil	1.6	26.2	13.8	83	0.2	21.6	8.5	339	2.74	48.1	2.2	0.7	11	0.3	0.7	0.2	45	0.09	0.075	12
1500700	Soil	1.4	29.9	15.1	91	<0.1	27.0	10.3	309	2.89	49.8	2.2	3.6	15	0.2	0.7	0.3	47	0.16	0.070	16
1500701	Soil	1.1	27.2	9.6	76	0.1	24.4	8.1	239	2.38	26.9	1.3	3.5	15	0.2	0.6	0.2	41	0.17	0.071	14
1500702	Soil	1.2	22.9	11.0	81	0.1	28.7	9.3	317	2.51	18.2	3.4	2.4	12	0.2	0.6	0.2	40	0.11	0.055	16
1500703	Soil	0.9	15.2	14.3	59	0.3	20.5	5.7	166	2.07	74.7	1.3	0.6	9	<0.1	0.3	0.2	34	0.08	0.074	14
1500704	Soil	1.5	21.0	12.1	74	0.2	24.2	8.7	291	2.68	38.2	3.6	1.4	12	0.1	0.7	0.3	54	0.10	0.060	16
1500705	Soil	1.3	28.5	12.8	84	0.1	25.7	11.8	354	2.99	49.8	3.7	2.5	13	0.2	0.7	0.2	50	0.15	0.075	15
1500706	Soil	1.1	41.3	11.2	76	0.2	26.1	11.2	355	2.60	21.3	7.1	3.8	15	<0.1	0.6	0.2	42	0.15	0.071	23
1500707	Soil	1.1	19.4	11.0	73	<0.1	19.1	9.2	349	2.60	144.6	4.8	1.8	10	0.2	0.8	0.2	42	0.11	0.060	16
1500708	Soil	1.2	24.7	12.5	87	0.2	22.5	9.5	364	2.90	175.2	1.9	2.5	12	0.1	0.8	0.3	53	0.12	0.070	19
1500709	Soil	1.1	20.6	11.1	65	<0.1	19.6	7.3	267	2.47	112.4	3.2	2.1	12	0.1	0.7	0.2	43	0.11	0.056	15
1500710	Soil	1.2	21.4	9.1	67	<0.1	18.6	6.5	263	2.35	128.3	2.9	2.0	12	0.2	0.7	0.2	41	0.13	0.069	17

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		Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
			Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	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
1500681	Soil	19	0.31	431	0.008	1	1.18	0.005	0.05	0.2	0.11	4.3	<0.1	0.06	3	1.7	<0.2	
1500682	Soil	20	0.35	366	0.016	1	1.04	0.007	0.05	0.2	0.05	3.5	<0.1	<0.05	3	<0.5	<0.2	
1500683	Soil	18	0.34	290	0.012	1	1.04	0.006	0.05	0.2	0.06	2.9	<0.1	<0.05	3	<0.5	<0.2	
1500684	Soil	21	0.35	390	0.011	<1	1.25	0.007	0.05	0.2	0.06	3.4	<0.1	<0.05	3	<0.5	<0.2	
1500685	Soil	25	0.42	109	0.022	<1	1.53	0.005	0.04	0.3	0.05	1.7	0.1	<0.05	5	<0.5	<0.2	
1500686	Soil	23	0.43	122	0.021	<1	1.42	0.005	0.04	0.3	0.03	2.2	0.1	<0.05	4	<0.5	<0.2	
1500687	Soil	28	0.46	210	0.015	2	1.67	0.006	0.06	0.2	0.04	1.5	0.2	<0.05	5	0.9	<0.2	
1500688	Soil	24	0.47	102	0.042	<1	1.41	0.006	0.05	0.3	0.04	2.7	<0.1	<0.05	4	0.5	<0.2	
1500689	Soil	27	0.41	182	0.014	<1	1.63	0.007	0.05	0.2	0.05	1.0	0.2	<0.05	6	0.6	<0.2	
1500690	Soil	25	0.39	145	0.020	<1	1.41	0.006	0.05	0.1	0.02	1.5	0.2	<0.05	5	<0.5	<0.2	
1500691	Soil	27	0.54	133	0.049	<1	1.51	0.005	0.07	0.2	0.03	2.5	0.1	<0.05	5	0.5	<0.2	
1500692	Soil	26	0.33	117	0.030	2	1.09	0.004	0.05	0.1	0.02	1.2	0.2	<0.05	5	0.6	<0.2	
1500693	Soil	29	0.61	134	0.064	<1	1.61	0.006	0.12	0.2	0.02	3.5	0.2	<0.05	5	0.8	<0.2	
1500694	Soil	34	0.70	170	0.065	<1	2.13	0.007	0.13	0.2	0.04	4.2	0.3	<0.05	6	1.0	<0.2	
1500695	Soil	32	0.65	145	0.032	1	1.96	0.006	0.06	0.2	0.03	2.9	0.2	<0.05	6	0.7	<0.2	
1500696	Soil	32	0.61	162	0.041	2	1.77	0.006	0.09	0.2	0.03	3.0	0.2	<0.05	5	<0.5	<0.2	
1500697	Soil	32	0.67	175	0.036	1	2.06	0.008	0.09	0.3	0.03	2.7	0.3	<0.05	6	0.6	<0.2	
1500698	Soil	25	0.45	107	0.026	3	1.55	0.006	0.07	0.2	0.05	1.4	0.2	0.06	5	0.6	<0.2	
1500699	Soil	26	0.48	104	0.028	2	1.52	0.007	0.07	0.2	0.05	1.6	0.2	0.05	5	<0.5	<0.2	
1500700	Soil	29	0.56	117	0.050	<1	1.84	0.006	0.08	0.3	0.05	2.6	0.2	<0.05	5	0.8	<0.2	
1500701	Soil	27	0.54	91	0.052	2	1.64	0.007	0.06	0.2	0.03	2.8	0.1	<0.05	4	<0.5	<0.2	
1500702	Soil	28	0.55	128	0.045	<1	1.66	0.006	0.08	0.2	0.03	2.8	0.2	<0.05	5	<0.5	<0.2	
1500703	Soil	26	0.43	132	0.023	1	1.69	0.006	0.07	0.1	0.05	1.6	0.2	0.06	5	1.3	<0.2	
1500704	Soil	30	0.45	175	0.026	<1	1.59	0.006	0.05	0.2	0.05	2.2	0.2	<0.05	6	<0.5	<0.2	
1500705	Soil	30	0.51	126	0.030	1	1.88	0.006	0.06	0.2	0.05	2.8	0.1	<0.05	5	0.9	<0.2	
1500706	Soil	27	0.54	107	0.042	1	1.87	0.009	0.09	0.2	0.03	3.5	0.2	<0.05	5	<0.5	<0.2	
1500707	Soil	24	0.45	111	0.026	<1	1.49	0.005	0.05	0.2	0.04	2.1	0.1	<0.05	4	<0.5	<0.2	
1500708	Soil	32	0.51	167	0.032	1	1.80	0.006	0.07	0.3	0.04	3.8	0.1	<0.05	5	0.5	<0.2	
1500709	Soil	25	0.45	106	0.032	<1	1.52	0.005	0.05	0.2	0.05	2.4	0.1	<0.05	4	<0.5	<0.2	
1500710	Soil	24	0.41	96	0.030	<1	1.38	0.005	0.05	0.2	0.05	2.4	<0.1	<0.05	4	0.8	<0.2	

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	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	0.1	2	0.01	0.001
1500711	Soil	1.5	109.4	10.6	88	0.1	40.3	15.2	345	2.68	31.4	3.6	3.3	19	0.2	0.9	0.2	54	0.20	0.093
1500712	Soil	2.5	199.7	10.0	118	0.2	52.9	20.6	370	3.56	49.9	6.6	3.2	75	0.3	0.6	0.2	68	0.36	0.095
1500713	Soil	3.0	51.6	13.2	68	0.2	20.6	21.4	719	2.84	22.8	1.6	0.3	13	0.2	0.8	0.3	62	0.07	0.081
1500714	Soil	1.1	49.1	7.9	66	<0.1	23.2	7.8	211	2.33	14.2	5.7	4.4	19	0.4	0.8	0.1	50	0.20	0.074
1500715	Soil	2.6	171.5	13.0	99	0.2	43.6	10.1	165	3.30	28.0	7.0	1.1	29	0.2	0.7	0.3	56	0.12	0.093
1500716	Soil	1.9	25.1	14.8	69	0.4	21.4	7.1	188	2.72	157.8	4.2	1.2	13	0.1	0.5	0.3	45	0.08	0.074
1500717	Soil	1.5	29.1	12.7	65	<0.1	18.5	7.5	212	2.64	37.9	6.5	1.1	11	0.1	0.6	0.2	55	0.09	0.058
1500718	Soil	1.3	55.3	10.5	87	<0.1	28.2	10.8	321	2.70	16.2	2.9	3.0	16	0.3	0.7	0.2	54	0.15	0.077
1500719	Soil	1.7	149.5	8.7	90	0.1	40.6	16.8	317	2.70	20.0	5.4	3.0	30	0.3	0.7	0.2	62	0.21	0.074
1500720	Soil	1.5	107.5	12.2	84	0.2	25.6	11.2	397	2.97	19.4	3.5	1.6	12	0.2	0.8	0.3	63	0.12	0.088
1500721	Soil	1.2	23.7	7.4	56	<0.1	18.4	5.4	194	2.17	12.6	3.8	2.3	11	0.2	0.6	0.1	43	0.11	0.036
1500722	Soil	1.5	26.4	11.8	61	<0.1	16.6	5.5	210	2.42	15.0	1.1	1.3	10	0.2	0.8	0.2	54	0.09	0.049
1500723	Soil	1.6	24.2	11.2	79	<0.1	21.4	10.7	422	2.81	21.0	1.4	0.8	12	0.2	0.9	0.2	55	0.09	0.057
1500724	Soil	1.4	24.9	10.8	72	<0.1	21.0	6.8	268	2.90	46.8	3.2	2.7	10	0.2	0.8	0.2	48	0.09	0.050
1500725	Soil	1.0	30.2	11.3	74	<0.1	22.4	8.7	276	2.81	220.9	4.3	4.6	12	0.2	0.8	0.2	41	0.12	0.061
1500726	Soil	1.4	21.5	12.7	53	<0.1	16.1	6.6	206	2.72	59.1	2.3	1.5	10	<0.1	0.7	0.2	54	0.10	0.058
1500727	Soil	1.6	20.4	13.0	64	<0.1	17.5	6.6	298	3.12	52.4	3.3	0.8	8	<0.1	0.8	0.2	60	0.05	0.061
1500728	Soil	1.1	31.0	11.7	73	0.1	22.9	8.3	275	2.86	68.4	9.1	3.0	10	0.2	0.8	0.2	39	0.08	0.054
1500729	Soil	1.4	20.5	10.5	70	0.1	19.7	7.9	240	2.80	30.2	10.0	1.3	9	0.1	0.6	0.2	52	0.09	0.056
1500730	Soil	1.6	16.3	9.0	94	0.4	28.1	17.7	1629	3.47	135.6	1.5	0.8	14	<0.1	0.6	0.2	52	0.11	0.100
1500731	Soil	1.3	16.8	12.7	72	0.3	21.2	7.4	159	3.13	34.8	2.1	0.9	11	0.1	0.5	0.2	50	0.10	0.067
1500732	Soil	1.6	24.3	11.4	88	0.3	22.7	6.3	194	2.62	29.0	1.6	1.1	12	0.2	0.6	0.2	51	0.10	0.063
1500733	Soil	1.3	22.0	11.0	89	0.3	21.2	6.5	178	2.42	26.0	3.6	1.1	11	0.2	0.6	0.2	50	0.10	0.064
1500734	Soil	1.4	18.8	10.2	82	0.3	22.2	6.5	239	2.35	20.8	2.9	0.5	17	0.2	0.4	0.2	53	0.15	0.074
1500735	Soil	1.0	20.0	12.2	72	0.3	22.8	6.9	187	2.46	10.9	3.4	1.2	12	0.2	0.6	0.2	46	0.12	0.070
1500736	Soil	1.1	23.9	9.0	77	<0.1	20.9	7.5	260	2.56	13.3	3.1	2.2	13	0.2	0.8	0.2	49	0.15	0.066
1500737	Soil	1.1	22.2	9.6	67	<0.1	19.5	7.1	237	2.46	14.8	3.1	2.5	14	0.2	0.6	0.2	45	0.17	0.074
1500738	Soil	1.6	26.6	11.4	74	<0.1	21.8	9.5	341	2.87	21.7	1.9	1.9	11	0.2	0.8	0.2	54	0.10	0.069
1500739	Soil	1.7	28.5	13.9	84	0.2	23.4	7.4	176	2.66	16.1	2.4	1.2	12	<0.1	0.7	0.2	54	0.10	0.067
1500740	Soil	1.9	30.5	14.2	104	0.3	27.1	7.3	195	3.04	34.9	3.5	1.9	12	0.3	0.8	0.2	57	0.11	0.077

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	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
1500711	Soil	33	0.54	198	0.030	<1	1.62	0.008	0.05	0.4	0.05	3.4	0.1	<0.05	4	0.7	<0.2
1500712	Soil	45	0.67	278	0.021	<1	1.83	0.015	0.05	0.3	0.06	3.5	0.2	0.08	6	0.7	<0.2
1500713	Soil	29	0.40	141	0.021	1	1.55	0.006	0.04	0.3	0.05	1.2	0.2	<0.05	6	1.0	<0.2
1500714	Soil	24	0.38	104	0.044	<1	1.03	0.007	0.05	0.3	0.04	2.2	<0.1	<0.05	3	<0.5	<0.2
1500715	Soil	38	0.54	155	0.025	3	1.73	0.017	0.05	0.2	0.06	2.6	0.2	0.06	5	1.1	<0.2
1500716	Soil	27	0.45	220	0.014	<1	1.56	0.005	0.05	0.3	0.05	1.8	0.1	<0.05	5	0.8	<0.2
1500717	Soil	27	0.45	169	0.025	2	1.59	0.005	0.04	0.2	0.03	1.9	0.1	<0.05	5	0.9	<0.2
1500718	Soil	28	0.50	186	0.039	<1	1.53	0.008	0.05	0.3	0.04	2.9	0.1	<0.05	4	0.7	<0.2
1500719	Soil	33	0.46	186	0.032	<1	1.81	0.010	0.05	0.3	0.03	2.5	0.1	<0.05	5	0.6	<0.2
1500720	Soil	30	0.49	179	0.031	<1	1.88	0.007	0.05	0.3	0.05	2.9	0.1	<0.05	6	0.5	<0.2
1500721	Soil	22	0.37	87	0.040	<1	1.05	0.006	0.04	0.2	0.05	1.5	<0.1	<0.05	4	0.5	<0.2
1500722	Soil	27	0.39	118	0.031	<1	1.51	0.005	0.04	0.2	0.04	2.1	0.1	<0.05	5	0.7	<0.2
1500723	Soil	28	0.42	154	0.027	<1	1.67	0.005	0.05	0.2	0.03	2.0	0.1	<0.05	5	0.8	<0.2
1500724	Soil	28	0.47	113	0.033	<1	1.72	0.005	0.05	0.2	0.04	2.8	0.1	<0.05	5	0.6	<0.2
1500725	Soil	24	0.48	118	0.029	<1	1.51	0.005	0.04	0.3	0.04	2.5	<0.1	<0.05	5	0.8	<0.2
1500726	Soil	25	0.38	96	0.033	<1	1.50	0.006	0.04	0.2	0.05	1.8	0.1	<0.05	6	0.6	<0.2
1500727	Soil	29	0.39	89	0.024	<1	1.61	0.005	0.04	0.2	0.03	1.4	0.2	<0.05	6	0.8	<0.2
1500728	Soil	23	0.46	107	0.025	<1	1.43	0.005	0.04	0.2	0.04	1.8	<0.1	<0.05	4	0.6	<0.2
1500729	Soil	26	0.47	110	0.023	1	1.68	0.006	0.05	0.2	0.05	1.8	0.1	<0.05	5	<0.5	<0.2
1500730	Soil	35	0.39	373	0.018	2	2.10	0.006	0.05	0.1	0.04	2.0	0.2	<0.05	7	1.1	<0.2
1500731	Soil	30	0.43	166	0.026	<1	1.66	0.006	0.05	0.2	0.05	1.8	0.1	<0.05	5	0.9	<0.2
1500732	Soil	30	0.49	167	0.031	<1	1.83	0.006	0.05	0.2	0.04	2.2	0.1	<0.05	6	0.9	<0.2
1500733	Soil	29	0.45	160	0.027	<1	1.72	0.005	0.05	0.2	0.03	2.0	0.1	<0.05	5	<0.5	<0.2
1500734	Soil	28	0.45	209	0.022	4	1.61	0.007	0.05	0.2	0.04	1.2	0.1	<0.05	5	0.6	<0.2
1500735	Soil	31	0.47	173	0.031	2	1.88	0.007	0.05	0.2	0.04	2.5	0.1	<0.05	5	0.6	<0.2
1500736	Soil	26	0.47	104	0.043	<1	1.60	0.006	0.05	0.2	0.05	2.7	0.1	<0.05	5	0.5	<0.2
1500737	Soil	24	0.45	93	0.040	<1	1.47	0.005	0.05	0.2	0.03	2.2	0.1	<0.05	4	0.6	<0.2
1500738	Soil	30	0.45	97	0.038	<1	1.57	0.005	0.05	0.2	0.03	2.1	0.1	<0.05	5	<0.5	<0.2
1500739	Soil	30	0.49	138	0.026	<1	1.75	0.006	0.05	0.2	0.04	2.0	0.1	<0.05	5	1.0	<0.2
1500740	Soil	33	0.56	162	0.032	<1	1.88	0.006	0.06	0.2	0.04	2.7	0.2	<0.05	6	<0.5	<0.2

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
1500741	Soil	2.2	30.1	13.0	98	0.2	24.2	10.5	287	3.17	49.6	1.7	1.9	13	0.3	0.8	0.2	51	0.11	0.079	18
1500742	Soil	1.6	28.6	11.0	91	0.2	26.7	8.7	406	3.04	30.5	2.2	1.7	14	0.2	0.9	0.2	52	0.13	0.094	16
1500743	Soil	1.4	21.9	10.5	75	0.3	21.0	6.3	165	2.30	24.7	3.2	1.1	12	0.2	0.6	0.2	47	0.10	0.076	15
1500744	Soil	0.5	10.4	13.9	42	0.4	14.0	4.0	115	1.17	10.3	1.8	0.4	11	0.1	0.3	0.2	31	0.09	0.051	13
1500745	Soil	0.7	20.4	9.6	61	0.3	20.9	7.2	241	2.14	43.5	<0.5	4.1	15	<0.1	0.5	0.1	39	0.16	0.057	18
1500746	Soil	0.3	14.9	10.9	41	0.4	16.5	4.5	84	0.91	28.4	3.7	0.9	21	0.4	0.4	0.2	37	0.18	0.060	14
1500747	Soil	1.2	22.9	10.5	70	0.1	20.6	9.3	283	2.70	47.5	4.6	2.6	10	<0.1	0.6	0.2	44	0.11	0.056	19
1500748	Soil	1.4	26.7	11.1	67	0.1	19.5	7.4	271	2.98	73.2	11.2	1.7	10	0.1	0.7	0.2	42	0.10	0.055	19
1500749	Soil	1.3	31.3	11.4	76	<0.1	21.2	8.1	283	3.07	162.5	1.7	5.2	11	0.2	0.7	0.2	39	0.13	0.059	20
1500750	Soil	1.3	16.7	10.3	53	<0.1	14.2	5.0	203	2.64	39.8	1.1	1.5	10	0.1	0.6	0.2	43	0.09	0.055	14
1500751	Soil	1.1	21.2	9.2	62	0.1	17.2	6.4	220	2.63	34.1	5.2	3.0	10	<0.1	0.6	0.2	40	0.10	0.050	16
1500752	Soil	0.8	18.5	8.3	54	0.1	17.3	6.3	247	2.33	37.7	5.7	2.6	11	0.2	0.6	0.1	34	0.11	0.059	15
1500753	Soil	1.1	21.9	8.8	56	0.1	17.9	6.0	201	2.34	46.9	<0.5	3.0	11	0.1	0.6	0.2	41	0.13	0.062	17
1500754	Soil	1.5	21.0	12.1	62	<0.1	19.7	7.1	248	2.51	19.5	3.6	2.2	10	<0.1	0.7	0.2	41	0.10	0.050	15
1500755	Soil	1.0	26.8	11.8	56	0.2	16.0	6.0	216	4.28	58.8	3.0	5.0	10	<0.1	0.9	0.1	38	0.09	0.061	16
1500756	Soil	1.3	21.2	11.5	61	<0.1	18.7	6.7	216	2.72	57.7	4.8	2.9	10	<0.1	0.5	0.2	40	0.09	0.055	18
1500757	Soil	1.4	24.1	12.7	69	0.1	20.3	8.1	241	2.79	19.3	5.5	1.4	10	<0.1	0.7	0.2	50	0.10	0.073	17
1500758	Soil	1.3	35.3	13.7	69	0.2	24.0	7.5	353	2.66	17.9	1.4	1.5	11	<0.1	0.8	0.2	48	0.11	0.066	15
1500759	Soil	1.5	23.8	13.7	79	0.2	23.6	8.6	221	2.78	82.5	0.9	1.0	11	<0.1	0.7	0.2	54	0.08	0.057	16
1500760	Soil	1.2	46.6	18.3	111	0.2	38.3	16.7	522	3.62	122.3	14.4	10.2	12	0.2	0.7	0.3	38	0.10	0.073	29
1500761	Soil	1.5	41.0	12.3	69	0.1	24.2	11.8	324	3.05	86.3	2.6	5.6	12	0.1	0.8	0.3	43	0.13	0.069	20
1500762	Soil	1.0	40.9	12.3	76	<0.1	29.6	13.4	315	3.07	199.5	1.7	8.9	14	0.2	0.6	0.2	36	0.15	0.073	20
1500763	Soil	1.3	24.1	10.2	45	0.4	15.3	5.5	132	2.10	271.9	4.3	0.7	11	0.2	0.5	0.3	33	0.06	0.054	17
1500764	Soil	1.3	24.4	9.7	67	0.1	19.8	8.0	300	2.85	106.4	0.9	4.8	11	0.2	0.6	0.2	40	0.12	0.069	18
1500765	Soil	1.2	27.4	12.3	68	<0.1	21.3	9.2	309	2.90	165.6	1.1	2.0	12	0.1	0.8	0.2	43	0.10	0.083	19
1500766	Soil	1.6	28.4	13.2	64	0.1	20.2	8.9	302	2.90	163.7	3.5	1.9	11	0.2	0.7	0.3	44	0.09	0.084	17
1500767	Soil	0.8	22.6	11.5	53	<0.1	21.7	9.2	243	2.16	11.1	0.5	6.2	31	0.2	1.1	0.2	27	0.37	0.057	23
1500768	Soil	0.7	20.3	13.8	61	<0.1	23.3	8.4	288	2.17	10.7	8.8	6.2	45	0.3	1.2	0.2	25	0.53	0.050	20
1500769	Soil	0.3	8.5	10.0	43	<0.1	11.7	5.6	152	1.53	6.0	<0.5	5.7	31	<0.1	0.8	0.1	24	0.41	0.080	17
1500770	Soil	0.4	10.7	9.0	48	<0.1	13.5	6.0	144	1.39	7.1	0.9	4.7	55	0.1	0.6	0.1	29	0.47	0.059	16

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		Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
			Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	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
1500741	Soil	31	0.53	167	0.031	<1	1.82	0.008	0.06	0.2	0.04	2.8	0.1	<0.05	5	1.0	<0.2	
1500742	Soil	32	0.49	138	0.033	<1	1.84	0.006	0.06	0.2	0.04	2.7	0.1	<0.05	5	1.1	<0.2	
1500743	Soil	26	0.44	174	0.026	<1	1.79	0.006	0.05	0.2	0.04	2.4	0.1	<0.05	5	0.7	<0.2	
1500744	Soil	19	0.27	158	0.019	<1	1.34	0.004	0.05	<0.1	0.06	1.0	0.2	<0.05	6	<0.5	<0.2	
1500745	Soil	26	0.44	190	0.038	<1	1.32	0.006	0.06	0.2	0.02	2.7	<0.1	<0.05	4	<0.5	<0.2	
1500746	Soil	22	0.29	588	0.013	<1	1.29	0.006	0.03	0.1	0.07	1.9	0.1	<0.05	4	1.3	<0.2	
1500747	Soil	26	0.48	161	0.028	<1	1.65	0.006	0.05	0.2	0.05	2.4	<0.1	<0.05	5	<0.5	<0.2	
1500748	Soil	25	0.46	110	0.019	3	1.62	0.005	0.04	0.2	0.03	1.6	<0.1	<0.05	5	<0.5	<0.2	
1500749	Soil	23	0.50	114	0.027	2	1.52	0.004	0.04	0.2	0.03	2.4	<0.1	<0.05	5	0.7	<0.2	
1500750	Soil	23	0.37	98	0.025	<1	1.49	0.005	0.04	0.2	0.04	1.8	0.1	<0.05	5	<0.5	<0.2	
1500751	Soil	24	0.37	105	0.034	<1	1.39	0.005	0.04	0.2	0.06	2.2	<0.1	<0.05	5	<0.5	<0.2	
1500752	Soil	22	0.40	104	0.030	<1	1.22	0.005	0.04	0.2	0.04	2.1	<0.1	<0.05	4	<0.5	<0.2	
1500753	Soil	23	0.41	101	0.034	<1	1.31	0.005	0.04	0.2	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2	
1500754	Soil	27	0.45	113	0.034	<1	1.34	0.005	0.06	0.2	0.01	2.0	0.1	<0.05	5	<0.5	<0.2	
1500755	Soil	24	0.38	121	0.031	<1	1.31	0.005	0.06	0.3	0.03	2.1	0.1	<0.05	4	0.9	<0.2	
1500756	Soil	26	0.45	87	0.036	<1	1.44	0.005	0.04	0.2	0.04	2.0	0.1	<0.05	5	0.7	<0.2	
1500757	Soil	27	0.48	101	0.026	<1	1.81	0.006	0.06	0.2	0.06	1.8	0.2	<0.05	5	<0.5	<0.2	
1500758	Soil	28	0.43	139	0.029	<1	1.78	0.006	0.05	0.2	0.05	2.2	0.2	<0.05	5	1.2	<0.2	
1500759	Soil	32	0.53	122	0.026	<1	1.85	0.005	0.05	0.2	0.03	1.9	0.2	<0.05	6	<0.5	<0.2	
1500760	Soil	26	0.76	118	0.047	<1	1.71	0.007	0.14	0.4	0.04	3.0	0.2	<0.05	5	<0.5	<0.2	
1500761	Soil	25	0.40	81	0.029	<1	1.40	0.005	0.04	0.4	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2	
1500762	Soil	23	0.45	73	0.027	<1	1.20	0.005	0.04	0.4	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2	
1500763	Soil	18	0.27	60	0.019	<1	0.92	0.006	0.04	0.2	0.05	1.0	<0.1	0.05	4	1.0	<0.2	
1500764	Soil	23	0.42	99	0.028	<1	1.33	0.004	0.04	0.2	0.04	1.9	0.1	<0.05	4	<0.5	<0.2	
1500765	Soil	24	0.43	91	0.021	<1	1.39	0.005	0.05	0.3	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2	
1500766	Soil	25	0.44	93	0.021	<1	1.41	0.005	0.05	0.2	0.03	1.4	<0.1	<0.05	4	0.9	<0.2	
1500767	Soil	18	0.29	242	0.016	<1	0.91	0.006	0.05	0.2	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2	
1500768	Soil	17	0.31	283	0.012	2	0.93	0.006	0.06	0.2	0.07	2.9	<0.1	0.05	3	<0.5	<0.2	
1500769	Soil	14	0.25	124	0.022	<1	0.67	0.006	0.04	0.4	0.02	1.3	<0.1	<0.05	2	0.6	<0.2	
1500770	Soil	16	0.31	306	0.019	<1	0.97	0.007	0.04	0.2	0.04	2.4	<0.1	<0.05	3	<0.5	<0.2	

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
1500771	Soil	0.6	40.3	14.1	56	0.1	30.7	11.8	538	2.61	11.3	3.4	4.5	80	0.3	1.4	0.2	32	1.00	0.067	23
1500772	Soil	1.0	24.7	13.3	55	0.1	25.1	10.4	192	2.45	11.3	1.2	6.8	32	0.2	1.0	0.2	37	0.37	0.056	21
1500773	Soil	0.7	24.7	11.8	56	<0.1	21.5	9.5	204	2.79	13.4	<0.5	5.0	38	0.1	1.0	0.1	38	0.43	0.063	18
1500774	Soil	0.4	22.7	14.1	56	0.1	20.7	7.9	109	2.05	10.0	0.5	7.4	41	<0.1	1.1	0.2	34	0.44	0.052	21
1500775	Soil	0.6	13.5	12.2	48	<0.1	13.7	4.8	196	1.73	8.4	<0.5	4.2	40	0.2	0.7	0.2	22	0.57	0.057	16
1500776	Soil	0.7	21.2	13.8	46	<0.1	18.7	8.1	117	1.98	8.9	<0.5	7.5	24	0.1	0.9	0.2	30	0.33	0.048	23
1500777	Soil	0.8	22.2	12.5	61	<0.1	22.8	8.9	358	2.34	8.5	<0.5	8.3	25	<0.1	1.0	0.2	24	0.33	0.055	27
1500778	Soil	0.7	24.5	10.2	45	<0.1	22.3	6.1	171	2.06	7.8	<0.5	7.2	20	<0.1	0.7	0.1	29	0.26	0.048	27
1500779	Soil	0.8	33.9	18.6	74	0.1	34.2	11.0	544	3.03	12.9	<0.5	12.1	27	0.1	1.9	0.2	23	0.38	0.061	32
1500780	Soil	1.0	38.1	19.3	77	<0.1	38.6	12.2	476	3.16	13.8	<0.5	12.1	23	<0.1	2.1	0.2	32	0.29	0.049	30
1500781	Soil	1.0	32.1	15.4	77	0.1	32.3	12.3	479	2.70	11.5	0.7	9.6	33	<0.1	1.5	0.2	30	0.42	0.058	27
1500782	Soil	0.4	26.2	13.8	62	0.1	29.0	11.7	373	2.45	10.8	<0.5	11.3	72	<0.1	1.5	0.2	21	1.30	0.049	29
1500783	Soil	0.6	27.6	14.7	67	0.1	27.1	12.5	500	2.68	12.7	<0.5	13.6	76	<0.1	1.4	0.2	17	1.58	0.047	32
1500784	Soil	0.7	24.2	14.1	61	0.1	22.4	9.5	362	2.47	11.1	<0.5	6.4	37	<0.1	0.9	0.2	31	0.47	0.059	24
1500785	Soil	0.9	30.0	15.0	65	0.1	30.4	11.5	270	2.81	14.4	<0.5	9.3	27	0.3	1.4	0.2	32	0.39	0.055	28
1500786	Soil	0.6	25.1	14.0	56	<0.1	23.1	8.5	228	2.44	12.3	<0.5	6.3	33	<0.1	1.1	0.2	39	0.41	0.050	21
1500787	Soil	0.7	16.9	10.6	56	<0.1	20.0	10.0	311	2.60	11.7	<0.5	4.5	46	0.1	0.8	0.2	37	0.57	0.068	17
1500788	Soil	0.8	19.3	12.3	59	0.1	19.1	8.9	138	2.15	8.9	<0.5	5.3	29	0.1	0.9	0.1	40	0.40	0.057	18
1500789	Soil	0.4	12.3	10.4	59	<0.1	15.2	6.5	354	1.88	8.7	3.3	4.4	43	0.2	0.8	0.2	29	0.51	0.065	15
1500790	Soil	0.6	19.2	12.1	54	<0.1	18.4	7.9	114	1.45	5.9	2.0	6.9	30	0.3	1.0	0.2	26	0.33	0.046	20
1500791	Soil	0.6	23.3	14.1	51	<0.1	20.9	8.2	187	2.27	11.2	2.4	7.1	40	0.2	1.2	0.3	27	0.47	0.053	21
1500792	Soil	0.1	15.2	9.8	43	<0.1	13.2	4.8	97	1.12	3.1	<0.5	4.3	68	0.2	0.6	0.1	22	0.61	0.050	14
1500793	Soil	0.4	25.8	14.6	55	<0.1	24.3	9.0	290	2.15	9.9	2.1	8.3	51	0.3	1.4	0.2	17	0.72	0.055	25
1500794	Soil	0.4	19.1	15.6	67	<0.1	20.9	6.9	118	2.65	13.0	1.9	8.0	49	0.3	1.3	0.3	27	0.44	0.050	25
1500795	Soil	1.0	23.5	17.4	58	<0.1	26.4	10.2	584	2.48	12.8	2.0	14.6	27	0.1	5.3	0.2	17	0.30	0.052	38
1500796	Soil	0.9	21.5	19.1	56	<0.1	26.2	10.2	560	2.31	9.4	<0.5	7.6	40	0.1	2.5	0.2	24	0.49	0.041	25
1500797	Soil	0.8	26.0	13.7	59	<0.1	24.0	8.5	355	2.44	12.6	3.1	7.9	32	<0.1	3.3	0.2	29	0.38	0.052	25
1500798	Soil	0.7	31.3	19.0	63	0.1	29.7	10.8	435	2.82	33.7	3.1	11.5	33	0.1	10.8	0.3	24	0.45	0.049	32
1500799	Soil	0.8	35.5	20.0	74	0.1	33.6	12.2	455	3.03	110.0	5.9	13.4	30	0.2	13.5	0.4	21	0.40	0.049	35
1500800	Soil	1.0	28.2	11.5	52	<0.1	28.6	9.3	342	2.80	14.5	13.9	12.9	25	<0.1	5.4	0.3	24	0.37	0.052	37

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Method Analyte Unit MDL		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	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	0.1	0.05	1	0.5
1500771	Soil	21	0.34	346	0.011	<1	1.22	0.007	0.06	0.2	0.06	2.9	<0.1	0.09	3	1.0	<0.2
1500772	Soil	23	0.37	373	0.021	<1	1.24	0.008	0.06	0.1	0.05	3.3	<0.1	<0.05	3	1.0	<0.2
1500773	Soil	21	0.36	367	0.014	<1	1.29	0.007	0.06	0.2	0.05	3.4	<0.1	<0.05	4	0.6	<0.2
1500774	Soil	22	0.39	329	0.012	<1	1.35	0.006	0.08	0.2	0.05	3.1	<0.1	<0.05	4	<0.5	<0.2
1500775	Soil	16	0.25	242	0.007	<1	0.96	0.005	0.06	0.2	0.04	1.8	<0.1	<0.05	3	0.6	<0.2
1500776	Soil	20	0.33	280	0.012	<1	1.22	0.007	0.07	0.2	0.05	2.8	0.1	<0.05	3	0.7	<0.2
1500777	Soil	18	0.34	222	0.016	<1	1.16	0.006	0.09	0.1	0.06	2.4	<0.1	<0.05	3	<0.5	<0.2
1500778	Soil	21	0.37	226	0.030	<1	1.11	0.007	0.05	0.2	0.02	3.1	<0.1	<0.05	3	<0.5	<0.2
1500779	Soil	19	0.35	342	0.012	<1	1.48	0.009	0.17	0.1	0.05	3.5	0.1	<0.05	4	0.6	<0.2
1500780	Soil	24	0.41	336	0.018	<1	1.68	0.009	0.18	0.2	0.06	3.7	0.1	<0.05	4	0.5	<0.2
1500781	Soil	19	0.40	244	0.022	<1	1.27	0.011	0.15	0.2	0.06	3.0	<0.1	<0.05	4	<0.5	<0.2
1500782	Soil	18	0.39	209	0.019	<1	1.17	0.009	0.13	0.1	0.03	2.5	<0.1	<0.05	3	<0.5	<0.2
1500783	Soil	17	0.35	227	0.010	<1	1.20	0.009	0.20	<0.1	0.05	2.5	0.1	<0.05	3	<0.5	<0.2
1500784	Soil	22	0.38	329	0.015	<1	1.32	0.008	0.09	0.2	0.05	3.1	<0.1	<0.05	3	<0.5	<0.2
1500785	Soil	22	0.39	289	0.020	<1	1.32	0.008	0.10	0.1	0.04	3.3	<0.1	<0.05	3	1.2	<0.2
1500786	Soil	23	0.35	306	0.016	<1	1.31	0.007	0.07	0.2	0.05	3.4	<0.1	0.06	4	<0.5	<0.2
1500787	Soil	22	0.35	293	0.013	<1	1.25	0.007	0.05	0.2	0.05	2.6	<0.1	0.06	3	1.1	<0.2
1500788	Soil	23	0.39	338	0.014	<1	1.39	0.007	0.05	0.2	0.07	3.4	0.1	<0.05	4	<0.5	<0.2
1500789	Soil	18	0.31	283	0.010	2	1.03	0.006	0.05	0.3	0.06	2.7	<0.1	0.06	3	<0.5	<0.2
1500790	Soil	17	0.33	250	0.012	2	1.04	0.006	0.06	0.2	0.04	2.8	<0.1	<0.05	3	<0.5	<0.2
1500791	Soil	17	0.33	307	0.008	2	1.08	0.006	0.06	0.2	0.07	2.8	<0.1	<0.05	3	<0.5	<0.2
1500792	Soil	17	0.31	311	0.012	<1	0.97	0.007	0.04	0.2	0.05	2.5	<0.1	0.13	3	<0.5	<0.2
1500793	Soil	14	0.30	217	0.010	<1	0.90	0.006	0.08	0.2	0.04	2.6	<0.1	<0.05	2	<0.5	<0.2
1500794	Soil	18	0.33	313	0.009	<1	1.11	0.006	0.06	0.1	0.06	2.8	<0.1	<0.05	3	0.9	<0.2
1500795	Soil	15	0.24	212	0.008	<1	0.88	0.005	0.07	<0.1	0.07	3.2	<0.1	<0.05	2	<0.5	<0.2
1500796	Soil	19	0.31	235	0.010	2	1.02	0.006	0.07	0.1	0.08	2.7	<0.1	<0.05	3	<0.5	<0.2
1500797	Soil	20	0.36	285	0.016	1	1.17	0.006	0.06	0.2	0.08	3.1	<0.1	<0.05	3	<0.5	<0.2
1500798	Soil	19	0.38	265	0.015	<1	1.16	0.007	0.07	0.2	0.09	3.2	<0.1	<0.05	3	<0.5	<0.2
1500799	Soil	18	0.38	210	0.012	1	1.12	0.007	0.08	0.1	0.11	3.2	<0.1	<0.05	3	<0.5	<0.2
1500800	Soil	20	0.39	266	0.011	<1	1.11	0.006	0.05	0.1	0.07	3.3	<0.1	<0.05	3	<0.5	<0.2

CERTIFICATE OF ANALYSIS

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
1500801	Soil	0.4	28.2	14.7	55	<0.1	26.0	8.9	276	2.60	15.1	0.8	12.5	27	<0.1	5.7	0.3	16	0.34	0.049	38
1500802	Soil	0.8	28.0	18.0	57	<0.1	24.8	12.2	428	2.99	17.3	2.8	8.7	34	<0.1	4.2	0.3	34	0.43	0.044	27
1500803	Soil	0.8	33.2	19.2	69	0.1	27.1	10.3	403	2.97	16.8	0.5	12.1	29	<0.1	8.7	0.3	23	0.39	0.059	34
1500804	Soil	0.6	26.6	18.6	63	<0.1	29.1	10.5	355	3.06	28.1	1.8	13.9	30	<0.1	16.6	0.4	13	0.35	0.033	29
1500805	Soil	0.6	31.5	17.0	71	<0.1	31.9	13.1	478	3.07	16.3	5.4	13.9	38	<0.1	9.7	0.3	20	0.54	0.051	39
1500806	Soil	0.8	38.2	18.7	145	0.1	35.5	15.8	516	3.08	8.9	3.2	12.0	33	0.2	2.4	0.4	25	0.51	0.060	39
1500807	Soil	0.6	32.4	17.9	73	0.2	30.3	11.6	385	3.00	18.8	2.3	14.1	24	<0.1	10.4	0.3	19	0.31	0.051	38
1500808	Soil	0.2	6.4	6.1	39	<0.1	8.2	3.8	112	1.07	2.4	<0.5	3.7	28	<0.1	0.8	<0.1	16	0.39	0.053	14
1500809	Soil	0.6	36.1	21.8	69	0.1	38.0	14.7	561	3.48	10.8	3.4	14.3	46	0.2	2.7	0.3	22	0.55	0.052	39
1500810	Soil	0.7	20.6	20.3	54	<0.1	21.7	8.5	494	2.70	4.0	<0.5	12.6	4	0.1	1.3	0.3	14	0.01	0.019	20
1500811	Soil	1.0	18.8	15.9	48	<0.1	17.7	8.3	263	2.50	12.5	<0.5	11.5	9	<0.1	4.6	0.3	22	0.02	0.039	25
1500812	Soil	0.7	40.1	16.2	71	<0.1	38.0	13.6	429	3.27	14.0	2.9	14.2	12	<0.1	4.6	0.3	19	0.09	0.028	37
1500813	Soil	0.4	29.6	18.6	62	<0.1	29.3	12.8	397	3.00	18.2	1.7	16.2	45	<0.1	10.6	0.3	14	0.84	0.045	38
1500814	Soil	1.4	35.5	13.7	81	0.1	32.7	12.5	553	2.87	15.3	2.0	7.3	37	0.2	2.3	0.3	45	0.49	0.061	21
1500815	Soil	0.7	26.1	14.1	55	0.1	24.9	9.7	454	2.53	11.5	0.8	8.3	41	0.1	4.5	0.2	28	0.45	0.047	28
1500816	Soil	0.5	24.6	14.5	49	0.1	22.8	8.5	224	2.36	10.1	2.2	5.8	40	<0.1	2.7	0.2	33	0.43	0.058	22
1500817	Soil	1.2	26.6	12.4	58	0.1	24.3	11.3	409	2.55	11.8	2.0	5.0	49	0.2	2.1	0.2	41	0.56	0.058	18
1500818	Soil	0.9	26.7	11.5	60	0.1	24.1	11.0	358	2.44	12.4	1.4	5.4	41	0.3	2.1	0.2	40	0.48	0.062	19
1500819	Soil	0.6	24.5	13.3	56	0.1	19.7	8.1	179	2.03	9.9	2.7	6.5	51	0.2	2.9	0.2	33	0.57	0.056	20
1500820	Soil	0.3	30.5	13.1	106	<0.1	40.0	15.1	267	3.85	9.0	0.8	21.0	66	<0.1	0.6	0.2	13	1.36	0.054	58

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	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
1500801	Soil	16	0.37	232	0.010	<1	1.14	0.005	0.06	0.2	0.09	3.0	<0.1	<0.05	3	<0.5	<0.2
1500802	Soil	20	0.36	334	0.021	<1	1.35	0.006	0.05	0.2	0.10	3.2	<0.1	<0.05	3	0.6	<0.2
1500803	Soil	20	0.47	238	0.013	<1	1.28	0.006	0.07	0.1	0.08	3.1	<0.1	<0.05	3	0.6	<0.2
1500804	Soil	14	0.36	148	0.005	<1	1.01	0.004	0.05	0.1	0.07	2.3	<0.1	<0.05	2	0.6	<0.2
1500805	Soil	17	0.44	200	0.009	<1	1.12	0.006	0.07	0.1	0.10	2.4	<0.1	<0.05	3	0.7	<0.2
1500806	Soil	19	0.42	282	0.013	<1	1.11	0.008	0.05	0.2	0.11	3.3	<0.1	<0.05	3	<0.5	<0.2
1500807	Soil	17	0.39	169	0.009	2	1.09	0.006	0.07	0.1	0.09	3.0	<0.1	<0.05	3	<0.5	<0.2
1500808	Soil	9	0.20	135	0.010	<1	0.63	0.004	0.03	0.3	0.04	1.4	<0.1	<0.05	2	<0.5	<0.2
1500809	Soil	21	0.46	198	0.008	1	1.16	0.005	0.05	<0.1	0.15	3.5	<0.1	<0.05	3	1.0	<0.2
1500810	Soil	16	0.41	55	0.004	<1	1.05	0.002	0.03	<0.1	<0.01	1.7	<0.1	<0.05	3	<0.5	<0.2
1500811	Soil	11	0.16	71	0.007	<1	0.70	0.003	0.08	0.1	0.04	1.3	<0.1	<0.05	2	<0.5	<0.2
1500812	Soil	17	0.42	218	0.010	<1	1.04	0.006	0.06	<0.1	0.10	2.9	<0.1	<0.05	3	<0.5	<0.2
1500813	Soil	14	0.37	159	0.006	1	1.06	0.006	0.12	0.1	0.10	2.7	<0.1	<0.05	3	<0.5	<0.2
1500814	Soil	27	0.46	358	0.040	<1	1.33	0.014	0.07	0.3	0.05	4.5	<0.1	<0.05	4	<0.5	<0.2
1500815	Soil	18	0.38	331	0.014	<1	1.27	0.006	0.06	0.1	0.09	3.2	<0.1	<0.05	3	<0.5	<0.2
1500816	Soil	19	0.35	361	0.016	<1	1.18	0.007	0.05	0.3	0.08	3.3	<0.1	<0.05	3	0.8	<0.2
1500817	Soil	22	0.39	467	0.019	<1	1.26	0.007	0.04	0.2	0.07	3.8	<0.1	<0.05	4	1.0	<0.2
1500818	Soil	22	0.39	432	0.022	<1	1.21	0.008	0.04	0.2	0.06	3.8	<0.1	<0.05	3	0.5	<0.2
1500819	Soil	20	0.40	311	0.015	<1	1.14	0.006	0.05	0.2	0.06	3.3	<0.1	<0.05	3	<0.5	<0.2
1500820	Soil	15	0.36	145	0.004	<1	0.86	0.007	0.05	<0.1	0.16	2.6	<0.1	<0.05	2	<0.5	<0.2

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		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
Pulp Duplicates																					
1500506	Soil	0.2	30.7	14.0	69	<0.1	18.4	5.7	194	1.35	3.0	2.1	4.8	88	0.6	0.5	0.2	24	1.02	0.068	18
REP 1500506	QC	0.2	31.8	14.3	72	0.1	18.3	5.5	189	1.36	3.4	2.7	5.0	88	0.6	0.5	0.2	26	0.96	0.065	20
1500542	Soil	0.4	16.3	13.9	59	<0.1	15.0	6.2	185	1.51	5.3	3.4	4.1	50	0.3	0.5	0.2	24	0.54	0.051	16
REP 1500542	QC	0.4	15.9	14.2	58	<0.1	15.5	5.8	178	1.44	5.5	2.2	4.3	51	0.2	0.5	0.2	27	0.51	0.052	17
1500578	Soil	1.0	24.9	8.0	60	<0.1	19.2	7.0	257	2.12	9.5	6.4	2.9	10	0.3	0.7	0.1	44	0.13	0.061	16
REP 1500578	QC	1.2	24.1	8.4	60	<0.1	19.5	7.1	270	2.13	9.6	4.3	2.8	11	0.3	0.7	0.1	46	0.14	0.060	16
1500614	Soil	1.0	34.7	11.0	59	<0.1	24.6	8.3	371	2.36	12.4	8.7	4.2	13	0.5	0.8	0.1	44	0.17	0.070	19
REP 1500614	QC	1.1	34.9	11.6	65	<0.1	26.0	8.8	373	2.42	13.1	3.0	4.1	13	0.6	0.9	0.2	45	0.17	0.071	19
1500650	Soil	0.5	28.6	25.2	57	<0.1	24.5	9.7	132	2.46	6.4	1.0	13.1	20	<0.1	0.8	0.3	16	0.21	0.039	36
REP 1500650	QC	0.4	27.9	24.3	59	<0.1	23.4	9.3	130	2.37	6.7	<0.5	12.3	19	<0.1	0.6	0.3	16	0.22	0.040	35
1500686	Soil	1.5	27.9	10.9	77	0.2	23.9	8.2	312	2.48	75.2	6.9	1.4	10	0.3	0.9	0.2	42	0.09	0.073	18
REP 1500686	QC	1.5	27.7	10.9	78	0.2	23.9	8.3	316	2.60	72.9	9.4	1.3	11	0.2	0.9	0.2	44	0.10	0.066	17
1500722	Soil	1.5	26.4	11.8	61	<0.1	16.6	5.5	210	2.42	15.0	1.1	1.3	10	0.2	0.8	0.2	54	0.09	0.049	15
REP 1500722	QC	1.4	25.2	12.6	59	<0.1	15.7	5.7	196	2.39	14.4	4.5	1.4	10	0.1	0.7	0.2	56	0.08	0.049	16
1500758	Soil	1.3	35.3	13.7	69	0.2	24.0	7.5	353	2.66	17.9	1.4	1.5	11	<0.1	0.8	0.2	48	0.11	0.066	15
REP 1500758	QC	1.4	34.1	13.5	66	0.2	24.0	7.7	364	2.77	18.0	1.3	1.5	11	<0.1	0.6	0.2	49	0.12	0.063	15
1500768	Soil	0.7	20.3	13.8	61	<0.1	23.3	8.4	288	2.17	10.7	8.8	6.2	45	0.3	1.2	0.2	25	0.53	0.050	20
REP 1500768	QC	0.7	20.6	13.9	62	<0.1	22.4	8.9	296	2.20	10.4	3.3	6.0	45	0.4	1.2	0.2	25	0.51	0.053	20
1500794	Soil	0.4	19.1	15.6	67	<0.1	20.9	6.9	118	2.65	13.0	1.9	8.0	49	0.3	1.3	0.3	27	0.44	0.050	25
REP 1500794	QC	0.5	19.9	15.2	62	<0.1	19.1	6.5	111	2.61	12.5	0.9	8.0	47	0.2	1.3	0.2	26	0.46	0.047	24
Reference Materials																					
STD DS10	Standard	15.1	154.0	157.8	363	2.0	72.8	12.7	878	2.80	44.3	78.0	7.7	65	2.7	8.7	12.2	47	1.03	0.076	17
STD DS10	Standard	14.8	162.4	160.9	389	2.0	78.9	14.1	908	3.01	49.3	66.5	7.9	66	2.9	9.4	13.2	49	1.06	0.084	19
STD DS10	Standard	13.9	149.4	156.0	358	1.9	74.7	13.1	878	2.75	43.3	72.3	7.5	71	2.2	9.1	13.2	42	1.04	0.076	16
STD DS10	Standard	15.4	155.8	143.9	359	1.9	75.6	12.9	893	2.82	46.8	157.1	7.5	74	2.5	9.2	12.2	46	1.16	0.075	20
STD DS10	Standard	14.5	164.9	156.6	378	2.0	81.1	13.2	936	2.96	48.1	66.6	7.9	72	2.7	10.0	13.5	46	1.12	0.078	19
STD DS10	Standard	14.0	149.0	147.1	366	1.8	73.8	12.6	875	2.82	44.2	86.4	6.9	66	2.8	8.6	10.7	47	1.00	0.072	18
STD DS10	Standard	12.4	151.5	153.4	367	2.0	76.4	13.1	866	2.71	43.0	73.3	7.1	69	2.2	9.4	12.7	44	1.00	0.072	16

Bureau Veritas Commodities Canada Ltd.

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Client: Mayo Lake Minerals Inc.
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Project: None Given
Report Date: October 02, 2014

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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		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
Pulp Duplicates																	
1500506	Soil	19	0.35	376	0.021	3	1.09	0.008	0.04	0.4	0.11	3.0	<0.1	0.17	3	0.8	<0.2
REP 1500506	QC	20	0.34	393	0.022	4	1.09	0.009	0.04	0.1	0.08	3.2	<0.1	0.20	3	0.8	<0.2
1500542	Soil	15	0.29	231	0.012	3	0.89	0.005	0.03	0.2	0.08	2.2	<0.1	<0.05	2	<0.5	<0.2
REP 1500542	QC	15	0.28	225	0.012	2	0.93	0.005	0.03	0.2	0.06	2.0	<0.1	<0.05	2	<0.5	<0.2
1500578	Soil	25	0.34	128	0.037	<1	1.17	0.005	0.04	0.3	0.03	2.9	<0.1	<0.05	3	<0.5	<0.2
REP 1500578	QC	26	0.36	127	0.039	<1	1.18	0.005	0.04	0.2	0.03	3.0	<0.1	<0.05	4	<0.5	<0.2
1500614	Soil	27	0.38	115	0.057	2	1.22	0.007	0.04	0.3	0.05	3.6	<0.1	<0.05	3	<0.5	<0.2
REP 1500614	QC	27	0.39	117	0.059	1	1.24	0.007	0.04	0.3	0.06	3.4	<0.1	<0.05	3	<0.5	<0.2
1500650	Soil	13	0.33	110	0.008	2	0.91	0.003	0.07	<0.1	0.06	1.4	<0.1	<0.05	2	<0.5	<0.2
REP 1500650	QC	12	0.32	107	0.008	1	0.88	0.003	0.08	<0.1	0.05	1.2	<0.1	<0.05	2	0.5	<0.2
1500686	Soil	23	0.43	122	0.021	<1	1.42	0.005	0.04	0.3	0.03	2.2	0.1	<0.05	4	<0.5	<0.2
REP 1500686	QC	25	0.40	119	0.022	1	1.32	0.004	0.04	0.2	0.04	2.2	0.1	<0.05	4	<0.5	<0.2
1500722	Soil	27	0.39	118	0.031	<1	1.51	0.005	0.04	0.2	0.04	2.1	0.1	<0.05	5	0.7	<0.2
REP 1500722	QC	27	0.38	121	0.031	<1	1.51	0.006	0.05	0.2	0.06	2.2	0.1	<0.05	5	0.8	<0.2
1500758	Soil	28	0.43	139	0.029	<1	1.78	0.006	0.05	0.2	0.05	2.2	0.2	<0.05	5	1.2	<0.2
REP 1500758	QC	30	0.43	131	0.029	<1	1.78	0.006	0.05	0.2	0.07	2.0	0.2	<0.05	4	0.8	<0.2
1500768	Soil	17	0.31	283	0.012	2	0.93	0.006	0.06	0.2	0.07	2.9	<0.1	0.05	3	<0.5	<0.2
REP 1500768	QC	17	0.30	277	0.012	<1	0.92	0.005	0.05	0.2	0.06	2.5	<0.1	<0.05	3	<0.5	<0.2
1500794	Soil	18	0.33	313	0.009	<1	1.11	0.006	0.06	0.1	0.06	2.8	<0.1	<0.05	3	0.9	<0.2
REP 1500794	QC	18	0.32	306	0.009	<1	1.06	0.005	0.06	<0.1	0.05	3.1	<0.1	0.05	3	<0.5	<0.2
Reference Materials																	
STD DS10	Standard	54	0.73	344	0.077	8	1.02	0.063	0.32	3.1	0.30	2.8	5.1	0.19	4	2.3	5.3
STD DS10	Standard	60	0.83	372	0.084	7	1.08	0.069	0.33	3.4	0.30	3.1	5.4	0.28	5	2.5	5.2
STD DS10	Standard	53	0.79	338	0.075	9	1.01	0.069	0.33	3.4	0.28	3.1	5.1	0.28	4	1.7	4.7
STD DS10	Standard	58	0.80	352	0.089	7	1.14	0.067	0.37	3.1	0.30	3.6	5.2	0.29	4	2.2	5.2
STD DS10	Standard	58	0.82	379	0.079	8	1.06	0.068	0.34	3.4	0.28	3.2	5.3	0.31	5	1.9	5.1
STD DS10	Standard	55	0.75	345	0.082	7	1.03	0.061	0.34	3.3	0.31	2.7	4.7	0.13	5	2.4	4.8
STD DS10	Standard	54	0.76	328	0.075	8	0.99	0.059	0.32	3.4	0.32	3.0	5.1	0.30	4	2.5	5.0

QUALITY CONTROL REPORT

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		AQ201 Mo ppm 0.1	AQ201 Cu ppm 0.1	AQ201 Pb ppm 0.1	AQ201 Zn ppm 1	AQ201 Ag ppm 0.1	AQ201 Ni ppm 0.1	AQ201 Co ppm 0.1	AQ201 Mn ppm 1	AQ201 Fe % 0.01	AQ201 As ppm 0.5	AQ201 Au ppb 0.5	AQ201 Th ppm 0.1	AQ201 Sr ppm 1	AQ201 Cd ppm 0.1	AQ201 Sb ppm 0.1	AQ201 Bi ppm 0.1	AQ201 V ppm 2	AQ201 Ca % 0.01	AQ201 P % 0.001	AQ201 La ppm 1
STD DS10	Standard	14.6	158.2	152.3	359	1.9	78.5	13.6	897	2.76	45.0	93.3	7.8	68	2.6	9.3	11.8	47	1.09	0.077	18
STD DS10	Standard	15.2	166.2	157.0	373	1.9	78.4	14.4	908	2.92	43.6	87.7	7.9	64	2.6	8.7	11.6	49	1.08	0.074	19
STD DS10	Standard	14.7	154.2	156.2	364	2.0	75.1	12.6	893	2.72	43.5	85.4	7.7	66	2.5	9.7	12.9	44	1.02	0.072	18
STD OXC109	Standard	1.5	33.2	10.9	38	<0.1	72.1	18.5	415	2.79	0.8	222.1	1.3	135	<0.1	<0.1	<0.1	49	0.64	0.105	12
STD OXC109	Standard	1.6	37.8	11.8	42	<0.1	76.5	20.2	419	2.93	0.7	203.2	1.5	140	<0.1	<0.1	<0.1	51	0.69	0.116	14
STD OXC109	Standard	1.3	37.4	10.7	41	<0.1	74.6	19.2	437	2.89	0.6	185.1	1.4	151	<0.1	<0.1	<0.1	49	0.70	0.105	12
STD OXC109	Standard	1.6	35.5	11.8	40	<0.1	77.1	20.0	414	3.00	0.8	205.2	1.5	158	<0.1	<0.1	<0.1	51	0.85	0.113	13
STD OXC109	Standard	1.6	35.7	11.3	38	<0.1	74.8	18.9	409	2.89	0.7	206.0	1.5	143	<0.1	<0.1	<0.1	48	0.72	0.107	13
STD OXC109	Standard	1.6	33.4	11.6	40	<0.1	74.1	19.1	409	2.90	<0.5	205.8	1.3	146	<0.1	<0.1	<0.1	49	0.69	0.108	13
STD OXC109	Standard	1.5	33.5	11.0	39	<0.1	75.1	19.5	419	2.82	<0.5	196.1	1.4	146	<0.1	<0.1	<0.1	49	0.63	0.104	12
STD OXC109	Standard	1.7	35.8	11.0	39	<0.1	76.0	19.5	425	3.01	0.9	204.0	1.5	141	<0.1	<0.1	<0.1	52	0.69	0.107	12
STD OXC109	Standard	1.6	37.7	11.4	43	<0.1	77.6	21.2	422	3.04	1.0	201.6	1.5	144	<0.1	<0.1	<0.1	53	0.70	0.103	13
STD OXC109	Standard	1.7	37.1	11.2	40	<0.1	75.6	18.3	446	2.89	0.6	207.0	1.5	141	<0.1	0.1	<0.1	50	0.61	0.108	13
STD DS10 Expected		14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073	17.5
STD OXC109 Expected		201																			
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
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	3	<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

QUALITY CONTROL REPORT

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		AQ201 Cr ppm 1	AQ201 Mg % 0.01	AQ201 Ba ppm 1	AQ201 Ti % 0.001	AQ201 B ppm 1	AQ201 Al % 0.01	AQ201 Na % 0.001	AQ201 K % 0.01	AQ201 W ppm 0.1	AQ201 Hg ppm 0.01	AQ201 Sc ppm 0.1	AQ201 Tl ppm 0.1	AQ201 S % 0.05	AQ201 Ga ppm 1	AQ201 Se ppm 0.5	AQ201 Te ppm 0.2
STD DS10	Standard	58	0.78	373	0.080	4	1.10	0.065	0.34	3.5	0.31	3.1	5.2	0.27	4	1.8	5.1
STD DS10	Standard	60	0.78	361	0.079	6	1.09	0.066	0.33	3.3	0.30	3.0	5.3	0.33	5	2.5	5.3
STD DS10	Standard	54	0.76	367	0.077	7	1.02	0.063	0.33	3.3	0.29	2.9	5.1	0.30	4	1.5	4.7
STD OXC109	Standard	59	1.33	55	0.364	3	1.48	0.617	0.38	0.2	<0.01	0.7	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	61	1.37	60	0.387	2	1.47	0.674	0.42	0.2	<0.01	1.0	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	59	1.43	56	0.384	1	1.56	0.704	0.43	0.2	<0.01	1.5	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	60	1.52	59	0.396	1	1.61	0.693	0.43	0.2	<0.01	1.4	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	57	1.45	57	0.371	<1	1.51	0.689	0.41	0.2	<0.01	1.1	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	58	1.46	61	0.390	<1	1.52	0.699	0.41	0.2	<0.01	1.1	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	58	1.38	54	0.368	1	1.49	0.649	0.40	0.2	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	62	1.43	57	0.379	<1	1.59	0.727	0.39	0.2	<0.01	0.7	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	63	1.46	56	0.397	2	1.54	0.657	0.42	0.2	<0.01	1.1	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	60	1.37	58	0.386	<1	1.52	0.662	0.43	0.2	<0.01	1.3	<0.1	<0.05	5	<0.5	<0.2
STD DS10 Expected		54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01
STD OXC109 Expected																	
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
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
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

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Mayo Lake Minerals Inc.**
107 Falldown Lane
Carp ON K0A 1L0 CANADA

Submitted By: Tyrell Sutherland
Receiving Lab: Canada-Whitehorse
Received: September 09, 2014
Report Date: October 01, 2014
Page: 1 of 12

CERTIFICATE OF ANALYSIS

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CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 320

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.
107 Falldown Lane
Carp ON K0A 1L0
CANADA

CC: Vern Rampton

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	320	Dry at 60C			WHI
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
AQ201	319	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
DISP2	320	Heat treatment of Soils and Sediments			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.

CERTIFICATE OF ANALYSIS

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
1500821	Soil	0.6	36.1	16.9	61	<0.1	30.6	11.8	444	3.11	23.4	1.8	17.4	18	<0.1	21.6	0.3	14	0.21	0.061	39
1500822	Soil	0.9	34.5	30.8	83	<0.1	43.1	21.3	494	4.30	15.6	<0.5	17.8	8	0.1	0.7	0.2	26	0.09	0.031	28
1500823	Soil	0.5	33.1	19.7	71	<0.1	31.3	12.9	234	2.74	63.7	1.1	15.2	60	<0.1	26.8	0.3	3	1.81	0.031	35
1500824	Soil	0.9	30.1	14.7	66	0.1	30.3	11.4	383	2.83	12.9	1.8	10.8	29	0.1	2.5	0.2	28	0.39	0.066	33
1500825	Soil	0.9	28.1	14.7	59	0.1	26.3	11.3	536	2.72	13.9	2.5	8.0	36	0.2	3.3	0.2	30	0.48	0.066	26
1500826	Soil	0.8	17.5	11.8	51	0.1	17.6	7.4	127	2.05	10.4	1.7	4.0	37	0.1	1.2	0.2	38	0.42	0.065	16
1500827	Soil	0.8	31.0	20.2	120	0.2	36.0	16.8	673	3.61	18.9	2.9	8.5	57	0.6	3.9	0.3	46	0.58	0.071	23
1500828	Soil	0.6	17.0	14.2	50	<0.1	17.8	8.6	158	2.20	11.8	1.3	7.2	35	0.2	3.3	0.2	28	0.43	0.057	20
1500829	Soil	1.0	23.2	16.5	64	<0.1	22.7	10.2	351	2.36	13.1	<0.5	6.6	30	0.1	5.2	0.2	31	0.39	0.068	23
1500830	Soil	0.9	26.3	15.2	56	0.1	22.7	10.6	331	2.45	14.5	1.5	7.0	29	<0.1	5.1	0.2	30	0.37	0.066	25
1500831	Soil	1.1	23.2	13.1	55	0.1	21.3	9.2	277	2.37	12.1	1.3	4.2	33	<0.1	2.3	0.2	36	0.41	0.067	18
1500832	Soil	0.9	31.8	13.5	59	0.1	28.6	10.6	442	2.62	15.2	2.1	8.0	40	<0.1	4.4	0.3	33	0.50	0.060	26
1500833	Soil	0.9	32.2	14.6	58	0.1	29.2	10.5	434	2.64	17.1	2.2	8.4	35	<0.1	5.1	0.2	31	0.47	0.063	28
1500834	Soil	1.0	34.2	13.9	68	0.1	32.4	10.9	405	2.92	13.6	2.7	9.5	36	0.1	4.7	0.3	30	0.48	0.060	27
1500835	Soil	0.9	34.0	17.6	58	0.2	28.5	11.3	426	2.70	14.3	3.2	7.1	41	0.1	5.3	0.3	32	0.55	0.063	27
1500836	Soil	1.0	31.5	15.2	60	0.1	26.9	9.5	300	2.60	15.4	1.7	8.5	32	0.1	5.2	0.2	31	0.41	0.060	28
1500837	Soil	0.9	28.4	20.0	57	0.1	26.4	10.5	253	2.54	12.7	2.7	10.2	37	0.2	1.4	0.2	32	0.49	0.052	28
1500838	Soil	0.8	14.7	13.7	75	<0.1	17.7	7.8	301	1.93	9.2	0.7	5.5	54	0.2	0.7	0.2	27	0.73	0.065	19
1500839	Soil	0.8	31.6	16.7	68	<0.1	28.0	11.8	255	2.78	8.0	1.9	11.5	27	0.1	0.8	0.3	24	0.34	0.053	31
1500840	Soil	0.7	32.3	18.3	69	0.1	29.0	10.7	346	2.65	10.9	2.5	12.3	43	0.2	2.0	0.3	23	0.97	0.056	31
1500841	Soil	0.7	24.6	15.6	54	<0.1	23.2	10.1	303	2.62	12.9	1.7	6.5	35	0.2	1.5	0.2	32	0.46	0.066	22
1500842	Soil	0.6	29.0	17.0	64	<0.1	27.3	10.5	562	2.63	11.7	2.2	7.8	74	0.3	2.0	0.2	21	1.03	0.063	28
1500843	Soil	0.8	16.5	12.4	83	0.1	18.6	12.0	225	1.73	11.0	1.4	4.9	49	0.3	0.9	0.2	36	0.60	0.064	15
1500844	Soil	0.2	18.4	12.4	56	<0.1	16.1	5.6	203	1.31	3.4	2.3	5.9	56	0.2	1.0	0.2	29	0.75	0.065	18
1500845	Soil	0.5	27.8	17.1	66	0.1	26.2	10.1	115	2.18	12.8	1.9	9.6	30	0.4	1.6	0.2	29	0.37	0.055	29
1500846	Soil	0.6	19.1	14.6	51	<0.1	17.8	7.8	114	2.17	9.8	1.4	6.1	32	0.1	0.9	0.2	34	0.40	0.059	19
1500847	Soil	0.6	31.2	17.8	68	<0.1	31.8	12.1	268	2.93	15.3	1.1	13.0	110	0.2	2.8	0.3	18	2.07	0.059	31
1500848	Soil	0.4	26.2	21.9	60	<0.1	25.6	10.4	132	2.07	9.2	1.4	10.7	85	0.2	1.7	0.2	18	1.32	0.060	28
1500849	Soil	0.7	28.4	17.5	76	<0.1	30.9	12.5	521	2.74	17.4	1.1	12.6	49	0.3	2.7	0.3	21	0.83	0.062	31
1500850	Soil	0.8	29.6	15.5	85	0.1	30.1	12.0	286	2.68	14.8	2.6	9.1	50	0.4	2.0	0.3	29	0.88	0.069	26

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	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
1500821	Soil	14	0.32	163	0.007	1	0.94	0.005	0.07	0.1	0.11	2.6	<0.1	<0.05	3	<0.5	<0.2
1500822	Soil	32	0.59	136	0.009	<1	1.88	0.003	0.04	<0.1	0.05	4.4	<0.1	<0.05	5	<0.5	<0.2
1500823	Soil	4	0.11	91	<0.001	1	0.30	0.005	0.04	<0.1	0.41	1.5	<0.1	<0.05	<1	<0.5	<0.2
1500824	Soil	21	0.45	335	0.015	<1	1.21	0.005	0.05	0.1	0.07	3.2	<0.1	<0.05	4	<0.5	<0.2
1500825	Soil	20	0.38	399	0.014	<1	1.12	0.007	0.04	0.2	0.07	3.3	<0.1	<0.05	4	<0.5	<0.2
1500826	Soil	21	0.36	360	0.015	<1	1.26	0.006	0.04	0.2	0.06	3.2	0.1	<0.05	4	<0.5	<0.2
1500827	Soil	30	0.55	577	0.012	2	1.62	0.009	0.06	0.2	0.10	5.0	0.1	0.05	5	0.8	<0.2
1500828	Soil	17	0.34	260	0.012	1	1.03	0.006	0.03	0.2	0.08	2.6	<0.1	<0.05	3	<0.5	<0.2
1500829	Soil	21	0.40	408	0.012	<1	1.10	0.006	0.05	0.2	0.06	3.0	<0.1	<0.05	3	<0.5	<0.2
1500830	Soil	19	0.35	329	0.011	1	1.06	0.005	0.05	0.2	0.08	3.0	<0.1	<0.05	3	0.5	<0.2
1500831	Soil	22	0.36	405	0.013	<1	1.17	0.005	0.04	0.2	0.07	3.1	<0.1	<0.05	4	0.6	<0.2
1500832	Soil	20	0.37	401	0.015	<1	1.20	0.006	0.05	0.2	0.10	3.4	<0.1	<0.05	4	0.5	<0.2
1500833	Soil	21	0.37	395	0.014	<1	1.24	0.006	0.05	0.2	0.12	3.5	<0.1	<0.05	4	0.7	<0.2
1500834	Soil	21	0.41	339	0.018	<1	1.12	0.006	0.05	0.2	0.10	3.3	<0.1	<0.05	4	<0.5	<0.2
1500835	Soil	22	0.36	355	0.015	<1	1.21	0.007	0.05	0.2	0.09	3.5	<0.1	<0.05	4	0.6	<0.2
1500836	Soil	23	0.39	341	0.019	<1	1.18	0.009	0.05	0.2	0.07	3.9	<0.1	<0.05	4	<0.5	<0.2
1500837	Soil	21	0.31	293	0.015	<1	1.15	0.006	0.06	0.2	0.11	3.6	<0.1	<0.05	4	0.5	<0.2
1500838	Soil	17	0.29	231	0.016	<1	0.97	0.006	0.06	0.2	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1500839	Soil	20	0.48	238	0.012	<1	1.17	0.005	0.06	0.1	0.04	2.6	<0.1	<0.05	4	0.6	<0.2
1500840	Soil	17	0.33	214	0.017	<1	0.97	0.006	0.07	0.1	0.07	3.0	<0.1	<0.05	3	<0.5	<0.2
1500841	Soil	19	0.32	312	0.014	<1	1.09	0.007	0.05	0.2	0.06	3.2	<0.1	<0.05	3	<0.5	<0.2
1500842	Soil	16	0.35	260	0.011	1	0.96	0.006	0.07	0.1	0.07	2.6	<0.1	<0.05	3	<0.5	<0.2
1500843	Soil	21	0.33	398	0.015	1	1.13	0.007	0.05	0.2	0.05	3.3	<0.1	0.13	4	0.5	<0.2
1500844	Soil	20	0.35	340	0.016	2	1.05	0.007	0.05	0.2	0.05	3.0	<0.1	0.09	3	<0.5	<0.2
1500845	Soil	19	0.34	313	0.011	<1	1.12	0.005	0.06	0.2	0.07	3.5	<0.1	<0.05	3	<0.5	<0.2
1500846	Soil	19	0.34	229	0.013	<1	1.21	0.005	0.04	0.2	0.05	3.0	<0.1	<0.05	4	<0.5	<0.2
1500847	Soil	16	0.38	172	0.014	1	1.02	0.005	0.09	<0.1	0.08	2.7	<0.1	<0.05	3	<0.5	<0.2
1500848	Soil	15	0.33	204	0.012	<1	0.85	0.005	0.05	0.1	0.07	3.1	<0.1	0.07	3	0.6	<0.2
1500849	Soil	16	0.33	179	0.018	<1	0.96	0.006	0.08	0.1	0.08	3.0	<0.1	<0.05	3	<0.5	<0.2
1500850	Soil	20	0.38	330	0.022	<1	1.13	0.007	0.07	0.2	0.09	3.5	<0.1	<0.05	3	<0.5	<0.2

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	Method Analyte Unit MDL	AQ201 Mo ppm 0.1	AQ201 Cu ppm 0.1	AQ201 Pb ppm 0.1	AQ201 Zn ppm 1	AQ201 Ag ppm 0.1	AQ201 Ni ppm 0.1	AQ201 Co ppm 0.1	AQ201 Mn ppm 1	AQ201 Fe % 0.01	AQ201 As ppm 0.5	AQ201 Au ppb 0.5	AQ201 Th ppm 0.1	AQ201 Sr ppm 1	AQ201 Cd ppm 0.1	AQ201 Sb ppm 0.1	AQ201 Bi ppm 0.1	AQ201 V ppm 2	AQ201 Ca % 0.01	AQ201 P % 0.001	AQ201 La ppm 1
1500851	Soil	0.7	30.0	18.7	81	<0.1	33.6	13.6	436	2.81	15.1	1.8	12.5	28	0.3	2.3	0.3	20	0.35	0.063	33
1500852	Soil	0.8	28.6	10.7	60	<0.1	25.2	9.2	347	2.20	12.0	10.8	5.2	29	0.2	1.2	0.1	35	0.39	0.076	17
1500853	Soil	0.7	32.3	15.4	70	<0.1	31.4	11.7	422	2.85	11.5	1.8	11.1	92	0.1	1.8	0.3	22	1.91	0.066	28
1500854	Soil	1.0	17.4	12.2	63	0.2	18.0	8.1	166	2.26	12.2	1.1	2.6	32	0.2	0.7	0.2	41	0.45	0.109	17
1500855	Soil	1.0	19.9	15.7	66	0.1	20.7	12.2	515	2.44	10.4	1.6	6.2	31	0.1	1.1	0.2	34	0.38	0.088	23
1500856	Soil	0.7	17.5	15.0	63	<0.1	23.9	10.0	466	2.69	12.7	1.6	6.5	29	0.2	1.4	0.2	30	0.36	0.086	21
1500857	Soil	0.9	24.9	16.0	70	0.1	24.8	10.2	300	2.76	13.9	7.6	7.4	57	0.4	1.3	0.3	28	0.65	0.064	24
1500858	Soil	0.5	24.7	14.2	49	0.1	22.0	8.7	113	2.46	12.4	1.1	6.8	64	0.3	1.2	0.2	29	0.61	0.054	21
1500859	Soil	0.2	9.7	7.4	62	<0.1	11.6	5.4	163	1.42	4.7	1.0	4.0	61	0.2	0.6	0.1	15	0.64	0.052	13
1500860	Soil	0.4	14.2	11.3	95	<0.1	19.0	9.8	215	1.79	6.1	2.0	5.4	104	0.5	0.9	0.2	20	1.11	0.057	16
1500861	Soil	0.6	26.3	17.6	92	0.1	28.6	12.3	267	2.73	12.7	3.1	8.5	47	0.3	1.5	0.3	33	0.48	0.060	22
1500862	Soil	0.4	21.9	12.4	55	0.1	19.6	8.7	127	1.97	9.1	2.5	6.9	35	0.1	1.1	0.2	31	0.40	0.046	19
1500863	Soil	0.4	17.3	10.4	54	<0.1	16.3	6.3	129	1.71	10.2	4.5	4.8	50	0.3	0.8	0.2	28	0.59	0.058	16
1500864	Soil	0.7	28.4	14.9	65	0.1	28.1	11.2	677	2.45	10.1	3.7	7.3	64	0.4	1.9	0.2	24	1.14	0.054	22
1500865	Soil	0.7	30.9	15.4	63	0.1	27.1	10.7	348	2.74	8.6	1.9	11.3	41	0.2	1.5	0.3	19	0.56	0.052	32
1500866	Soil	0.7	28.3	14.9	63	<0.1	26.7	10.3	326	2.68	9.2	5.9	11.4	32	0.1	1.5	0.3	21	0.43	0.049	31
1500867	Soil	0.7	33.5	17.2	59	0.1	28.7	11.3	781	2.93	14.4	4.6	7.4	44	0.2	1.6	0.3	25	0.62	0.063	29
1500868	Soil	0.8	12.8	13.6	68	<0.1	17.8	8.1	489	2.12	8.9	2.4	6.3	35	0.2	0.8	0.2	20	0.47	0.041	16
1500869	Soil	0.7	26.1	16.1	53	<0.1	24.4	9.4	287	2.21	9.3	1.8	9.5	39	0.2	1.4	0.2	22	0.47	0.050	27
1556501	Soil	0.3	56.9	16.6	78	<0.1	64.9	20.8	708	4.43	9.8	4.1	30.0	82	<0.1	0.2	0.6	11	1.99	0.058	84
1556502	Soil	0.7	18.0	13.1	46	<0.1	16.4	7.3	189	1.90	6.2	3.8	5.5	33	0.1	0.7	0.2	26	0.49	0.047	19
1556503	Soil	1.1	46.9	31.7	57	<0.1	46.0	15.5	1465	3.15	4.1	2.5	29.7	15	<0.1	0.7	0.4	16	0.13	0.020	51
1556504	Soil	0.7	32.4	16.1	53	0.1	31.8	9.9	578	2.59	6.1	3.3	7.9	98	0.1	0.9	0.2	17	1.18	0.058	42
1556505	Soil	0.3	32.5	15.5	96	0.1	19.8	7.9	779	1.82	4.1	2.8	3.7	110	0.6	0.5	0.2	27	1.30	0.076	23
1556506	Soil	0.5	34.6	24.4	68	<0.1	34.2	14.2	449	3.06	16.9	3.1	15.2	75	<0.1	1.3	0.3	18	1.25	0.037	47
1556507	Soil	0.4	28.6	18.5	64	<0.1	28.7	12.4	681	2.63	13.6	2.4	10.7	34	0.1	1.7	0.3	16	0.43	0.061	33
1556508	Soil	0.5	31.5	19.2	68	0.1	28.0	12.0	547	2.72	17.8	1.6	9.5	47	0.1	1.9	0.3	18	0.68	0.054	31
1556509	Soil	0.5	28.6	17.3	56	0.1	26.1	10.7	541	2.44	16.8	2.5	7.8	42	0.1	1.7	0.3	19	0.58	0.056	28
1556510	Soil	1.0	26.4	15.3	89	0.1	32.5	13.9	4665	1.89	13.4	2.6	2.1	149	0.9	1.4	0.2	20	2.00	0.078	18
1556511	Soil	0.4	16.0	14.1	57	<0.1	16.9	8.6	563	1.78	9.4	3.2	3.3	91	0.2	0.7	0.2	22	1.19	0.050	16

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	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
1500851	Soil	16	0.41	216	0.014	<1	1.11	0.007	0.06	0.1	0.09	3.0	<0.1	<0.05	3	<0.5	<0.2
1500852	Soil	20	0.37	305	0.031	1	0.98	0.010	0.04	0.2	0.03	3.5	<0.1	<0.05	3	<0.5	<0.2
1500853	Soil	17	0.39	302	0.018	<1	1.05	0.007	0.07	0.1	0.07	3.0	<0.1	<0.05	3	<0.5	<0.2
1500854	Soil	22	0.36	383	0.014	<1	1.32	0.006	0.04	0.2	0.07	3.2	0.1	<0.05	4	0.6	<0.2
1500855	Soil	22	0.37	361	0.010	<1	1.31	0.005	0.04	0.2	0.07	3.5	0.1	<0.05	4	0.8	<0.2
1500856	Soil	20	0.34	239	0.015	<1	0.96	0.006	0.04	0.2	0.06	2.8	<0.1	<0.05	3	<0.5	<0.2
1500857	Soil	19	0.37	286	0.009	2	1.18	0.005	0.05	0.1	0.06	3.0	<0.1	<0.05	3	<0.5	<0.2
1500858	Soil	19	0.35	275	0.012	<1	1.10	0.006	0.05	0.2	0.05	3.1	<0.1	0.05	3	<0.5	<0.2
1500859	Soil	11	0.23	232	0.010	1	0.63	0.005	0.03	0.2	0.05	1.5	<0.1	0.09	2	0.7	<0.2
1500860	Soil	15	0.30	379	0.010	2	0.95	0.006	0.05	0.2	0.05	2.3	<0.1	0.20	2	1.1	<0.2
1500861	Soil	23	0.46	360	0.009	2	1.44	0.007	0.08	0.2	0.06	3.5	<0.1	<0.05	4	1.1	<0.2
1500862	Soil	18	0.34	337	0.011	1	1.11	0.006	0.05	0.2	0.05	3.0	<0.1	<0.05	3	<0.5	<0.2
1500863	Soil	16	0.29	297	0.013	2	0.90	0.006	0.04	0.2	0.05	2.6	<0.1	0.07	2	0.6	<0.2
1500864	Soil	16	0.32	276	0.018	1	1.00	0.007	0.07	0.2	0.06	2.7	<0.1	<0.05	2	0.6	<0.2
1500865	Soil	16	0.39	268	0.011	<1	1.04	0.005	0.07	0.2	0.07	2.5	<0.1	<0.05	3	0.7	<0.2
1500866	Soil	16	0.39	251	0.013	1	1.04	0.006	0.07	0.2	0.06	2.8	<0.1	<0.05	3	0.6	<0.2
1500867	Soil	18	0.33	270	0.010	<1	1.12	0.005	0.07	0.2	0.07	3.1	<0.1	<0.05	3	<0.5	<0.2
1500868	Soil	14	0.28	161	0.010	<1	0.80	0.005	0.06	0.1	0.02	1.8	<0.1	<0.05	2	<0.5	<0.2
1500869	Soil	15	0.28	230	0.015	2	0.89	0.006	0.07	0.1	0.08	2.9	<0.1	<0.05	2	<0.5	<0.2
1556501	Soil	21	0.75	93	0.006	<1	1.51	0.004	0.06	<0.1	0.02	3.6	<0.1	<0.05	4	<0.5	<0.2
1556502	Soil	15	0.32	181	0.019	1	0.95	0.008	0.04	0.3	0.03	2.6	<0.1	<0.05	2	<0.5	<0.2
1556503	Soil	15	0.38	279	0.009	<1	1.15	0.005	0.08	<0.1	0.07	5.4	<0.1	<0.05	3	<0.5	<0.2
1556504	Soil	15	0.29	279	0.010	<1	0.85	0.008	0.06	0.1	0.06	2.7	<0.1	0.05	2	0.5	<0.2
1556505	Soil	21	0.38	435	0.020	3	1.21	0.015	0.05	0.1	0.12	3.3	<0.1	0.21	3	1.8	<0.2
1556506	Soil	18	0.50	130	0.010	1	1.20	0.007	0.09	<0.1	0.04	3.2	<0.1	<0.05	3	<0.5	<0.2
1556507	Soil	15	0.45	137	0.011	<1	1.05	0.006	0.07	<0.1	0.05	2.7	<0.1	<0.05	3	<0.5	<0.2
1556508	Soil	16	0.46	148	0.011	2	1.09	0.007	0.08	0.1	0.05	2.5	<0.1	<0.05	3	<0.5	<0.2
1556509	Soil	16	0.42	161	0.012	1	1.05	0.006	0.06	<0.1	0.05	2.5	<0.1	<0.05	3	<0.5	<0.2
1556510	Soil	14	0.29	387	0.010	3	0.78	0.009	0.04	0.1	0.05	1.7	<0.1	0.14	2	0.9	<0.2
1556511	Soil	15	0.30	212	0.014	2	0.83	0.008	0.04	0.2	0.07	2.2	<0.1	0.11	2	0.8	<0.2

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
1556512	Soil	0.6	20.9	16.2	70	<0.1	22.8	8.7	1045	2.05	12.2	28.6	3.7	107	0.3	1.0	0.2	22	1.45	0.062	19
1556513	Soil	0.3	20.2	7.1	86	0.1	18.0	5.7	430	1.44	4.1	3.1	2.0	181	0.5	0.6	0.1	18	2.48	0.073	12
1556514	Soil	0.6	19.0	18.4	70	<0.1	21.9	10.3	598	2.03	11.8	1.5	4.2	102	0.3	0.8	0.2	20	1.35	0.054	18
1556515	Soil	0.6	22.7	17.6	54	<0.1	20.6	10.7	553	2.57	16.0	2.4	4.7	77	0.3	0.8	0.2	26	0.98	0.036	21
1556516	Soil	0.5	25.2	12.3	60	<0.1	21.2	8.5	1157	1.69	9.8	13.7	4.1	90	0.2	1.7	0.2	16	1.34	0.053	18
1556517	Soil	0.5	18.9	14.5	63	<0.1	20.0	8.7	531	2.05	14.6	11.0	5.1	79	0.2	1.1	0.2	19	1.12	0.053	18
1556518	Soil	0.5	23.2	18.5	56	<0.1	19.7	9.0	233	1.91	12.9	5.9	8.0	41	0.1	1.7	0.2	18	0.57	0.058	26
1556519	Soil	0.4	39.4	20.2	61	0.1	24.7	9.6	272	2.39	21.9	4.0	7.3	52	0.2	1.4	0.3	19	0.78	0.054	28
1556520	Soil	0.4	17.0	12.6	62	<0.1	20.5	9.9	966	1.98	12.7	0.5	4.7	64	0.2	1.0	0.2	21	0.81	0.046	18
1556521	Soil	0.2	9.4	8.0	50	<0.1	12.2	4.8	185	1.40	4.3	1.2	3.3	62	0.1	0.4	0.1	22	0.77	0.055	13
1556522	Soil	0.5	31.1	20.8	65	<0.1	29.0	12.5	413	2.57	19.8	2.9	9.7	42	0.2	2.9	0.3	20	0.52	0.061	28
1556523	Soil	0.2	18.9	12.2	67	0.1	19.9	8.9	908	1.97	8.1	2.4	4.4	92	0.4	0.6	0.2	27	1.11	0.063	16
1556524	Soil	0.2	18.0	10.2	56	0.1	16.1	6.5	158	1.58	2.9	0.8	3.7	70	0.3	0.4	0.2	23	0.74	0.050	16
1556525	Soil	0.3	22.4	8.9	39	0.1	15.0	6.9	534	1.56	6.0	2.3	2.2	136	0.3	0.5	0.2	21	2.02	0.063	13
1556526	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1556527	Soil	0.6	34.7	16.1	60	0.1	28.9	10.1	480	2.37	9.8	4.4	6.1	61	0.3	1.2	0.2	25	0.94	0.064	26
1556528	Soil	0.5	21.1	48.9	69	<0.1	23.1	9.7	243	2.64	7.5	3.7	8.8	32	<0.1	0.5	0.2	31	0.38	0.036	26
1556529	Soil	0.6	37.7	28.7	70	0.1	41.8	13.4	451	3.32	11.0	1.6	21.6	65	<0.1	0.7	0.3	15	0.79	0.033	102
1556530	Soil	0.5	19.2	10.5	48	<0.1	18.0	7.2	243	1.95	8.1	1.5	6.9	18	0.1	1.4	0.2	19	0.23	0.047	23
1556531	Soil	0.8	27.3	14.4	56	0.1	25.1	10.0	448	2.23	10.3	2.4	7.2	27	0.1	1.2	0.2	25	0.32	0.050	24
1556532	Soil	0.9	26.5	13.3	58	0.1	23.1	8.9	517	2.29	10.9	4.4	4.3	53	0.3	1.1	0.2	33	0.59	0.060	19
1556533	Soil	0.6	19.0	12.5	52	<0.1	16.5	7.1	186	1.80	8.4	5.7	5.7	34	0.1	1.1	0.2	21	0.40	0.055	19
1556534	Soil	0.6	18.8	11.4	50	<0.1	17.0	6.5	315	1.99	10.8	1.5	4.5	43	0.2	1.0	0.2	25	0.53	0.054	18
1556535	Soil	0.5	17.1	11.4	49	<0.1	16.5	6.9	149	1.81	8.3	10.5	4.6	32	0.1	1.2	0.2	27	0.37	0.050	18
1556536	Soil	0.5	20.4	11.4	69	<0.1	19.3	12.0	849	1.84	6.4	1.9	4.4	66	0.3	1.0	0.2	26	0.71	0.058	17
1556537	Soil	0.5	21.2	12.5	72	0.1	22.0	8.9	376	2.07	7.6	2.4	4.9	59	0.3	0.9	0.2	34	0.58	0.054	19
1556538	Soil	0.4	16.7	10.3	56	<0.1	15.5	5.9	326	1.96	6.8	2.6	3.9	52	0.2	0.9	0.2	25	0.57	0.062	17
1556539	Soil	0.7	28.2	14.1	60	0.1	23.9	9.1	681	2.19	10.8	17.1	3.3	71	0.4	1.5	0.2	25	0.81	0.073	17
1556540	Soil	0.5	24.3	13.7	51	<0.1	23.3	10.8	1094	2.12	10.6	3.7	4.4	57	0.2	1.0	0.2	23	0.56	0.056	18
1556541	Soil	0.6	14.5	11.6	51	0.1	16.6	5.8	321	1.64	6.5	2.0	3.6	38	0.2	0.6	0.2	24	0.47	0.055	16

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	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
1556512	Soil	17	0.34	239	0.013	2	0.88	0.009	0.05	0.1	0.05	2.1	<0.1	0.10	2	<0.5	<0.2
1556513	Soil	15	0.31	285	0.016	3	0.86	0.014	0.05	<0.1	0.10	2.1	<0.1	0.23	2	<0.5	<0.2
1556514	Soil	17	0.35	174	0.011	1	0.95	0.010	0.05	0.1	0.04	2.3	<0.1	0.09	3	<0.5	<0.2
1556515	Soil	18	0.37	174	0.012	2	1.03	0.008	0.05	0.1	0.05	2.3	<0.1	<0.05	3	<0.5	<0.2
1556516	Soil	13	0.35	185	0.011	2	0.81	0.008	0.05	<0.1	0.04	1.9	<0.1	0.12	2	<0.5	<0.2
1556517	Soil	14	0.35	120	0.013	2	0.81	0.008	0.04	0.1	0.05	2.0	<0.1	0.07	2	<0.5	<0.2
1556518	Soil	14	0.37	104	0.013	1	0.85	0.006	0.05	0.1	0.05	2.2	<0.1	0.05	2	<0.5	<0.2
1556519	Soil	17	0.41	116	0.011	2	0.96	0.009	0.05	0.1	0.10	2.9	<0.1	0.06	3	0.5	<0.2
1556520	Soil	14	0.34	182	0.014	1	0.83	0.008	0.04	0.1	0.04	1.9	<0.1	0.08	2	<0.5	<0.2
1556521	Soil	13	0.27	209	0.018	1	0.77	0.007	0.03	0.2	0.06	2.1	<0.1	0.09	2	<0.5	<0.2
1556522	Soil	18	0.45	144	0.014	<1	1.02	0.007	0.06	0.2	0.06	2.7	<0.1	<0.05	3	<0.5	<0.2
1556523	Soil	17	0.33	337	0.016	1	0.97	0.009	0.04	0.2	0.06	2.5	<0.1	0.19	3	0.5	<0.2
1556524	Soil	16	0.29	297	0.015	3	0.90	0.008	0.03	0.1	0.06	2.2	<0.1	0.12	3	<0.5	<0.2
1556525	Soil	14	0.31	233	0.011	3	0.81	0.008	0.03	0.2	0.05	1.7	<0.1	0.14	2	0.7	<0.2
1556526	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1556527	Soil	18	0.33	284	0.019	1	0.93	0.008	0.05	0.2	0.10	2.8	<0.1	<0.05	3	0.7	<0.2
1556528	Soil	20	0.45	343	0.013	1	1.37	0.007	0.05	0.2	0.07	3.0	<0.1	<0.05	4	<0.5	<0.2
1556529	Soil	14	0.34	142	0.012	<1	0.97	0.004	0.05	<0.1	0.06	5.3	<0.1	<0.05	2	<0.5	<0.2
1556530	Soil	14	0.33	155	0.013	1	0.91	0.005	0.04	0.1	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1556531	Soil	18	0.35	247	0.017	<1	1.06	0.006	0.04	0.2	0.05	2.9	<0.1	<0.05	3	<0.5	<0.2
1556532	Soil	19	0.34	339	0.027	2	1.23	0.008	0.05	0.2	0.06	3.0	<0.1	<0.05	3	<0.5	<0.2
1556533	Soil	15	0.33	158	0.017	2	0.88	0.006	0.04	0.1	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
1556534	Soil	15	0.34	193	0.018	2	1.03	0.006	0.04	0.2	0.06	2.2	<0.1	<0.05	3	<0.5	<0.2
1556535	Soil	17	0.32	217	0.015	<1	1.07	0.006	0.04	0.2	0.07	2.4	<0.1	0.06	3	<0.5	<0.2
1556536	Soil	17	0.35	359	0.016	1	1.08	0.008	0.04	0.2	0.06	2.4	<0.1	0.09	3	<0.5	<0.2
1556537	Soil	20	0.38	385	0.015	1	1.28	0.007	0.05	0.2	0.06	3.0	<0.1	0.09	4	<0.5	<0.2
1556538	Soil	16	0.32	206	0.017	3	0.98	0.007	0.04	0.2	0.12	2.4	<0.1	0.06	3	<0.5	<0.2
1556539	Soil	18	0.32	288	0.013	1	1.05	0.006	0.04	0.1	0.12	2.5	<0.1	0.06	3	<0.5	<0.2
1556540	Soil	16	0.31	224	0.015	1	0.93	0.006	0.04	0.2	0.08	2.5	<0.1	<0.05	2	<0.5	<0.2
1556541	Soil	17	0.32	192	0.018	1	0.96	0.006	0.04	0.2	0.07	2.3	<0.1	<0.05	3	<0.5	<0.2

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
1556542	Soil	0.8	26.5	14.3	61	<0.1	23.5	10.0	380	2.32	12.1	2.2	6.3	34	0.1	1.2	0.2	30	0.39	0.054	21
1556543	Soil	0.6	19.7	12.8	59	<0.1	18.0	9.1	434	1.97	10.9	1.9	5.3	36	0.2	0.9	0.2	25	0.38	0.059	19
1556544	Soil	1.0	29.4	16.3	82	0.1	25.1	11.6	613	2.67	14.1	3.8	5.9	37	0.4	1.2	0.3	35	0.35	0.058	23
1556545	Soil	0.7	29.2	16.8	68	<0.1	29.7	12.0	383	2.74	22.1	1.2	12.1	25	0.1	6.0	0.3	19	0.34	0.059	33
1556546	Soil	0.6	20.5	15.1	92	0.1	22.2	11.8	642	2.47	12.4	3.0	4.3	79	0.4	0.9	0.2	33	0.81	0.071	21
1556547	Soil	0.4	22.2	15.2	71	0.1	21.0	10.3	288	2.16	8.4	2.3	4.1	55	0.3	0.7	0.2	35	0.55	0.056	19
1556548	Soil	0.4	14.5	12.8	58	<0.1	16.7	7.4	406	1.80	7.2	2.1	3.7	48	0.2	0.7	0.2	31	0.46	0.059	16
1556549	Soil	0.5	14.3	12.1	59	<0.1	15.2	6.0	204	1.60	5.5	3.6	3.9	44	0.2	0.6	0.2	24	0.48	0.054	15
1556550	Soil	0.8	15.9	14.1	64	0.1	19.5	22.7	2266	2.30	9.1	5.8	4.0	42	0.4	0.5	0.2	30	0.48	0.056	17
1556551	Soil	0.5	17.9	13.6	55	<0.1	16.5	7.7	237	1.85	9.1	3.3	4.8	34	0.1	0.8	0.2	27	0.37	0.049	19
1556552	Soil	0.5	9.4	9.7	40	<0.1	13.1	6.0	293	1.64	8.0	16.2	4.6	20	0.1	0.7	0.1	18	0.26	0.049	16
1556553	Soil	0.6	21.0	11.4	54	<0.1	20.2	8.5	314	2.06	7.8	33.5	6.6	22	0.1	0.9	0.2	25	0.25	0.048	21
1556554	Soil	0.8	26.5	15.2	60	0.1	23.0	8.3	296	1.96	7.9	3.0	3.8	47	0.1	0.7	0.2	29	0.58	0.053	17
1556555	Soil	1.3	24.1	14.8	54	<0.1	26.6	11.0	321	2.30	10.3	1.8	6.4	26	0.2	0.9	0.2	29	0.28	0.047	21
1556556	Soil	0.8	25.2	14.8	64	<0.1	24.1	9.2	434	2.42	11.2	3.2	5.7	42	0.1	1.0	0.2	31	0.41	0.057	20
1556557	Soil	0.3	11.2	8.7	39	<0.1	11.1	4.5	111	1.22	4.2	2.2	3.8	32	<0.1	0.6	0.1	22	0.36	0.049	14
1556558	Soil	0.6	19.3	12.7	58	0.1	20.6	8.6	367	2.12	9.7	2.5	4.4	57	0.3	0.8	0.2	31	0.62	0.060	16
1556559	Soil	0.9	23.7	15.2	55	0.1	26.4	11.8	333	2.52	11.5	3.5	6.6	39	0.1	1.1	0.2	30	0.39	0.049	20
1556560	Soil	0.5	19.5	13.8	55	0.1	18.8	9.3	202	2.33	10.0	1.3	4.6	46	0.2	0.9	0.2	35	0.50	0.046	16
1556561	Soil	1.6	23.8	11.6	63	0.2	16.8	9.0	549	2.79	14.4	1.5	0.6	9	0.6	1.1	0.2	55	0.08	0.076	14
1556562	Soil	1.2	31.7	10.8	59	<0.1	20.9	8.6	309	2.64	12.9	2.7	1.5	10	0.3	0.8	0.2	53	0.10	0.050	15
1556563	Soil	1.0	53.3	8.2	61	0.4	23.8	8.4	269	2.33	9.7	3.1	1.3	16	0.3	1.2	0.2	43	0.17	0.079	14
1556564	Soil	1.8	15.2	12.8	46	<0.1	15.1	4.8	202	3.07	14.6	<0.5	0.5	8	0.2	1.0	0.3	73	0.05	0.046	12
1556565	Soil	1.3	31.2	10.8	59	0.1	19.0	7.5	264	2.54	15.7	3.7	0.8	9	0.2	1.4	0.2	49	0.08	0.067	14
1556566	Soil	1.1	31.7	8.8	62	0.1	20.9	7.2	247	2.22	16.0	3.3	1.1	10	0.2	1.6	0.2	41	0.10	0.070	13
1556567	Soil	1.9	65.0	10.6	82	0.1	31.4	15.4	440	3.14	15.4	3.8	1.0	11	0.2	0.8	0.2	67	0.09	0.062	14
1556568	Soil	1.5	32.4	10.3	74	0.2	19.4	12.5	502	2.75	17.5	1.9	0.6	9	0.3	1.0	0.2	55	0.07	0.059	14
1556569	Soil	0.9	37.5	9.2	76	0.1	27.3	10.6	377	2.71	17.5	1.5	1.1	10	0.3	1.0	0.2	54	0.07	0.059	15
1556570	Soil	0.9	25.6	7.0	44	0.1	14.8	4.9	165	2.00	18.7	9.2	1.8	8	<0.1	1.1	0.3	38	0.08	0.057	17
1556571	Soil	2.0	21.0	14.4	60	0.2	20.0	8.8	300	3.04	14.1	<0.5	5.5	9	0.2	1.1	0.2	54	0.07	0.039	13

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	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
1556542	Soil	19	0.38	263	0.018	<1	1.13	0.006	0.05	0.1	0.08	3.0	<0.1	<0.05	3	0.5	<0.2
1556543	Soil	16	0.30	210	0.015	2	0.91	0.006	0.04	0.2	0.08	2.4	<0.1	<0.05	3	<0.5	<0.2
1556544	Soil	24	0.41	389	0.012	<1	1.41	0.007	0.05	0.1	0.09	3.5	<0.1	<0.05	4	<0.5	<0.2
1556545	Soil	18	0.48	120	0.022	3	1.01	0.007	0.07	<0.1	0.04	2.8	<0.1	<0.05	3	<0.5	<0.2
1556546	Soil	21	0.41	349	0.012	2	1.31	0.008	0.05	0.1	0.09	3.0	<0.1	0.06	4	<0.5	<0.2
1556547	Soil	22	0.40	378	0.014	1	1.33	0.007	0.05	0.2	0.10	3.2	<0.1	0.06	4	0.9	<0.2
1556548	Soil	18	0.32	297	0.014	<1	1.11	0.006	0.04	0.2	0.07	2.5	<0.1	0.07	3	0.7	<0.2
1556549	Soil	17	0.31	253	0.012	<1	0.98	0.005	0.04	0.2	0.06	2.2	<0.1	0.05	3	<0.5	<0.2
1556550	Soil	18	0.34	409	0.013	<1	1.15	0.006	0.04	0.2	0.09	2.8	<0.1	0.06	3	<0.5	<0.2
1556551	Soil	16	0.30	272	0.015	<1	1.00	0.005	0.04	0.2	0.07	2.4	<0.1	<0.05	3	<0.5	<0.2
1556552	Soil	12	0.24	135	0.013	<1	0.69	0.003	0.03	0.3	0.06	1.5	<0.1	<0.05	2	<0.5	<0.2
1556553	Soil	16	0.32	194	0.019	<1	0.98	0.006	0.04	0.2	0.11	2.5	<0.1	<0.05	3	<0.5	<0.2
1556554	Soil	21	0.33	272	0.013	1	1.15	0.006	0.04	0.2	0.07	2.6	<0.1	<0.05	3	<0.5	<0.2
1556555	Soil	24	0.36	227	0.017	<1	1.15	0.005	0.04	0.2	0.09	3.0	<0.1	<0.05	3	<0.5	<0.2
1556556	Soil	21	0.38	324	0.017	<1	1.21	0.006	0.05	0.2	0.08	3.0	<0.1	<0.05	3	<0.5	<0.2
1556557	Soil	13	0.24	173	0.018	<1	0.76	0.005	0.03	0.3	0.03	1.7	<0.1	<0.05	2	<0.5	<0.2
1556558	Soil	19	0.33	333	0.015	<1	1.12	0.006	0.04	0.2	0.09	2.9	<0.1	0.09	3	<0.5	<0.2
1556559	Soil	20	0.33	312	0.023	2	1.09	0.006	0.04	0.2	0.06	3.0	<0.1	<0.05	3	1.0	<0.2
1556560	Soil	20	0.33	290	0.015	<1	1.24	0.006	0.04	0.1	0.05	2.8	<0.1	<0.05	3	<0.5	<0.2
1556561	Soil	30	0.26	83	0.021	<1	1.33	0.005	0.04	0.1	0.04	1.2	0.1	<0.05	5	1.3	<0.2
1556562	Soil	30	0.45	152	0.033	<1	1.74	0.006	0.04	0.2	0.04	2.2	0.1	<0.05	5	1.1	<0.2
1556563	Soil	36	0.40	81	0.030	<1	1.29	0.006	0.04	0.1	0.04	1.9	<0.1	<0.05	4	1.0	<0.2
1556564	Soil	25	0.27	85	0.027	<1	1.41	0.005	0.04	0.2	0.05	1.4	0.1	<0.05	7	<0.5	<0.2
1556565	Soil	26	0.37	96	0.022	2	1.68	0.005	0.04	0.2	0.05	1.7	0.1	<0.05	5	1.1	<0.2
1556566	Soil	23	0.38	84	0.024	2	1.47	0.006	0.04	0.1	0.05	2.1	<0.1	<0.05	4	1.0	<0.2
1556567	Soil	28	0.57	145	0.034	<1	2.03	0.007	0.05	0.3	0.03	2.7	0.1	<0.05	6	0.8	<0.2
1556568	Soil	29	0.40	103	0.025	2	1.61	0.005	0.05	0.2	0.04	1.8	0.1	<0.05	5	<0.5	<0.2
1556569	Soil	25	0.50	99	0.023	2	1.52	0.005	0.04	0.2	0.04	2.4	<0.1	<0.05	5	0.7	<0.2
1556570	Soil	21	0.24	64	0.024	1	0.92	0.004	0.03	0.2	0.05	1.6	<0.1	<0.05	3	0.6	<0.2
1556571	Soil	34	0.40	111	0.031	3	2.20	0.008	0.06	0.2	0.09	3.1	0.2	<0.05	5	<0.5	<0.2

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
1556572	Soil	1.1	29.7	7.7	55	0.2	15.4	5.7	237	2.17	15.0	20.7	3.6	11	0.2	1.3	0.2	40	0.09	0.062	22
1556573	Soil	0.9	19.2	7.6	56	<0.1	19.2	6.6	237	1.93	11.5	3.1	2.3	9	0.2	0.8	0.1	34	0.09	0.050	13
1556574	Soil	1.0	25.4	6.9	54	0.1	19.9	6.4	225	1.92	11.7	4.7	4.2	9	0.5	0.9	0.1	33	0.11	0.049	15
1556575	Soil	1.4	41.6	6.4	57	<0.1	24.0	7.8	270	2.10	9.5	8.9	2.9	12	0.1	0.7	<0.1	39	0.16	0.063	15
1556576	Soil	1.1	68.4	7.7	69	<0.1	29.1	10.2	375	2.34	8.7	3.8	3.1	12	0.6	0.7	0.1	48	0.20	0.068	12
1556577	Soil	1.1	75.3	8.1	68	0.1	31.1	10.8	256	2.50	9.6	1.9	3.8	18	0.2	0.8	0.1	47	0.22	0.076	18
1556578	Soil	1.1	19.2	7.7	54	<0.1	16.7	5.7	226	2.00	10.1	2.6	3.2	11	0.4	0.9	0.1	38	0.14	0.061	15
1556579	Soil	1.6	15.0	11.8	64	<0.1	19.6	8.5	343	2.59	11.2	<0.5	0.6	10	0.2	0.9	0.2	60	0.08	0.058	13
1556580	Soil	1.6	17.8	12.3	55	0.1	14.3	5.4	261	2.46	12.1	2.2	0.3	8	0.2	0.8	0.2	49	0.06	0.075	12
1556581	Soil	1.1	20.8	8.6	63	<0.1	20.4	7.4	310	2.13	11.6	3.9	2.8	11	0.1	0.8	0.1	42	0.11	0.061	16
1556582	Soil	1.2	26.5	9.7	65	0.1	19.6	6.7	305	2.51	16.4	4.4	1.3	10	0.3	1.0	0.2	45	0.08	0.089	16
1556583	Soil	1.4	27.7	10.3	73	0.1	20.9	8.1	327	2.53	14.0	1.7	1.2	11	0.4	1.0	0.2	51	0.10	0.073	15
1556584	Soil	0.9	16.4	8.2	44	<0.1	14.3	4.6	170	2.25	10.8	1.1	0.7	8	0.2	0.6	0.1	50	0.06	0.044	15
1556585	Soil	1.2	25.3	7.3	59	<0.1	23.9	8.1	307	2.11	9.7	1.4	4.3	11	0.2	0.7	0.1	40	0.14	0.061	15
1556586	Soil	0.8	16.4	8.5	49	<0.1	13.9	5.3	187	1.94	9.2	3.8	0.5	9	0.5	0.7	0.1	40	0.08	0.057	13
1556587	Soil	1.6	18.4	9.2	59	0.2	15.5	6.6	307	2.29	11.6	3.9	0.3	9	0.2	0.8	0.2	45	0.08	0.067	13
1556588	Soil	1.1	22.4	8.5	53	<0.1	19.9	6.3	270	2.40	10.5	12.7	1.7	10	0.3	0.7	0.1	49	0.12	0.052	15
1556589	Soil	1.4	18.2	11.6	55	<0.1	15.5	5.8	215	2.65	11.1	3.2	0.7	9	0.2	0.8	0.2	59	0.07	0.048	12
1556590	Soil	1.6	47.4	13.0	71	0.1	27.9	9.1	390	2.79	29.1	5.5	2.2	11	0.1	1.0	0.2	50	0.14	0.082	14
1556591	Soil	1.2	33.1	7.0	52	0.1	16.8	6.1	221	2.07	12.5	5.8	5.7	9	0.3	1.0	0.1	36	0.10	0.062	21
1556592	Soil	1.6	21.0	10.2	46	<0.1	16.1	5.7	235	2.48	13.1	0.6	0.7	9	<0.1	0.7	0.2	61	0.08	0.054	12
1556593	Soil	1.1	20.4	8.9	53	<0.1	15.6	6.5	251	2.29	11.8	3.0	2.5	11	0.1	0.9	0.2	45	0.12	0.055	15
1556594	Soil	1.3	18.3	9.5	60	<0.1	17.5	5.8	245	2.26	13.1	1.0	3.1	9	0.4	1.0	0.2	48	0.08	0.034	16
1556595	Soil	1.3	24.8	7.2	35	0.2	11.2	2.9	147	1.90	13.3	6.2	0.2	9	0.2	1.2	0.2	32	0.06	0.086	17
1556596	Soil	1.2	26.7	7.7	62	0.1	15.8	5.4	294	2.18	14.9	2.1	1.5	8	0.5	1.3	0.2	37	0.07	0.053	16
1556597	Soil	1.6	67.1	7.0	103	0.2	36.1	19.2	450	3.59	23.0	3.3	0.5	9	0.3	0.8	0.2	79	0.06	0.068	16
1556598	Soil	1.1	27.9	5.8	51	<0.1	15.3	4.9	213	1.78	12.7	7.8	2.6	10	0.5	1.2	0.1	31	0.10	0.062	14
1556599	Soil	0.9	24.2	6.6	57	0.1	17.2	5.6	224	1.77	11.6	1.3	2.6	10	0.5	0.9	0.1	33	0.11	0.066	14
1556600	Soil	1.6	21.5	11.0	58	0.1	15.5	6.8	370	2.65	21.2	1.8	0.6	9	0.3	0.9	0.3	53	0.07	0.048	14
1556601	Soil	1.5	20.2	8.5	44	0.1	14.0	5.1	195	2.20	16.5	3.4	2.4	10	0.2	0.9	0.2	45	0.09	0.045	14

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	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	0.1	0.05	1	0.5	0.2
1556572	Soil	24	0.34	122	0.028	<1	1.06	0.005	0.03	0.2	0.04	2.6	<0.1	<0.05	3	0.5	<0.2
1556573	Soil	20	0.30	69	0.030	1	1.15	0.005	0.03	0.2	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
1556574	Soil	21	0.30	75	0.032	<1	1.04	0.005	0.03	0.3	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
1556575	Soil	24	0.34	82	0.042	1	1.17	0.006	0.03	0.2	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
1556576	Soil	30	0.44	181	0.057	<1	1.75	0.010	0.04	0.3	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
1556577	Soil	31	0.50	147	0.050	1	1.63	0.007	0.04	0.3	0.02	3.9	<0.1	<0.05	4	<0.5	<0.2
1556578	Soil	22	0.31	112	0.034	2	1.05	0.005	0.04	0.2	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
1556579	Soil	28	0.41	119	0.022	<1	1.85	0.005	0.04	0.2	0.03	1.7	0.2	<0.05	6	0.8	<0.2
1556580	Soil	25	0.28	83	0.019	1	1.18	0.005	0.04	0.2	0.05	0.9	0.1	0.06	5	<0.5	<0.2
1556581	Soil	21	0.34	94	0.035	2	1.19	0.005	0.04	0.3	0.04	2.7	<0.1	<0.05	3	0.8	<0.2
1556582	Soil	26	0.33	106	0.026	2	1.29	0.005	0.05	0.2	0.06	2.2	0.1	<0.05	4	0.6	<0.2
1556583	Soil	28	0.39	124	0.029	<1	1.54	0.005	0.05	0.3	0.04	2.4	0.1	<0.05	4	1.4	0.2
1556584	Soil	23	0.24	50	0.026	<1	1.08	0.004	0.03	0.3	0.09	1.3	<0.1	<0.05	4	<0.5	<0.2
1556585	Soil	21	0.33	102	0.040	1	1.14	0.005	0.04	0.3	0.05	2.8	<0.1	<0.05	3	<0.5	<0.2
1556586	Soil	21	0.27	96	0.021	2	1.05	0.005	0.04	0.3	0.05	1.4	<0.1	<0.05	3	0.8	<0.2
1556587	Soil	24	0.31	141	0.018	1	1.31	0.005	0.04	0.1	0.06	1.2	0.1	<0.05	4	<0.5	<0.2
1556588	Soil	26	0.33	99	0.041	2	1.19	0.005	0.04	0.3	0.05	1.6	<0.1	<0.05	4	1.0	<0.2
1556589	Soil	28	0.31	98	0.027	3	1.55	0.005	0.03	0.3	0.08	1.6	0.1	<0.05	6	0.7	<0.2
1556590	Soil	30	0.42	137	0.043	1	1.75	0.007	0.04	0.4	0.08	2.8	0.1	<0.05	4	<0.5	<0.2
1556591	Soil	21	0.25	100	0.041	<1	0.93	0.005	0.03	0.2	0.03	2.5	<0.1	<0.05	3	0.7	<0.2
1556592	Soil	25	0.32	96	0.033	1	1.21	0.006	0.04	0.3	0.06	1.3	0.1	<0.05	5	<0.5	<0.2
1556593	Soil	25	0.38	101	0.034	<1	1.29	0.006	0.04	0.3	0.03	2.1	<0.1	<0.05	4	0.6	<0.2
1556594	Soil	23	0.29	83	0.035	<1	1.32	0.005	0.04	0.3	0.05	1.8	<0.1	<0.05	4	<0.5	<0.2
1556595	Soil	19	0.18	77	0.005	1	0.91	0.005	0.03	0.2	0.03	0.4	<0.1	<0.05	3	<0.5	<0.2
1556596	Soil	22	0.27	77	0.021	1	1.04	0.005	0.03	0.1	0.04	1.4	<0.1	<0.05	3	1.0	<0.2
1556597	Soil	28	0.86	119	0.014	2	1.92	0.005	0.03	<0.1	0.02	2.2	<0.1	<0.05	5	<0.5	<0.2
1556598	Soil	16	0.24	78	0.026	1	0.76	0.004	0.03	0.2	0.04	2.0	<0.1	<0.05	2	0.7	<0.2
1556599	Soil	17	0.27	92	0.030	1	0.80	0.004	0.04	0.2	0.04	1.9	<0.1	<0.05	2	<0.5	<0.2
1556600	Soil	24	0.34	110	0.024	2	1.45	0.005	0.04	0.2	0.05	1.4	0.1	<0.05	5	<0.5	<0.2
1556601	Soil	21	0.29	119	0.030	<1	1.02	0.005	0.03	0.3	0.04	1.9	<0.1	<0.05	4	<0.5	<0.2

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
1556602	Soil	1.3	16.6	9.1	54	0.2	12.5	5.3	380	2.09	12.9	1.7	1.0	19	1.1	0.8	0.2	50	0.17	0.045	11
1556603	Soil	1.0	23.0	8.9	84	0.1	22.4	8.5	369	2.28	12.5	2.6	2.3	11	0.4	1.0	0.2	41	0.11	0.065	16
1556604	Soil	1.4	19.4	7.5	51	0.2	14.0	5.4	269	1.90	23.0	4.6	0.5	8	0.2	0.9	0.2	31	0.08	0.067	11
1556605	Soil	1.8	23.6	12.0	71	0.1	19.4	8.9	433	2.82	14.5	4.9	0.5	10	0.2	0.9	0.2	57	0.08	0.067	13
1556606	Soil	1.4	16.0	11.8	60	0.1	16.7	7.2	380	2.72	13.9	1.8	0.6	9	0.5	0.8	0.2	47	0.07	0.053	13
1556607	Soil	1.0	16.3	7.3	48	<0.1	16.4	6.2	311	2.04	9.6	3.7	1.0	9	0.3	0.7	0.1	36	0.10	0.061	13
1556608	Soil	1.7	33.9	10.8	74	0.2	22.7	9.9	455	2.73	15.0	3.6	1.0	10	0.2	0.9	0.2	53	0.09	0.071	16
1556609	Soil	2.0	27.7	12.4	79	<0.1	22.0	8.6	444	2.90	15.7	2.9	0.8	10	0.5	1.0	0.2	60	0.07	0.057	15
1556610	Soil	1.1	16.1	8.7	56	<0.1	15.7	6.4	334	2.19	10.1	3.3	0.9	7	0.2	0.7	0.2	44	0.08	0.044	14
1556611	Soil	0.9	17.4	7.9	53	<0.1	18.1	6.1	262	1.94	8.0	5.8	1.9	8	0.3	0.7	0.1	39	0.08	0.049	13
1556612	Soil	3.5	22.2	12.4	40	0.3	12.5	3.8	167	2.38	11.4	4.4	3.4	6	0.2	1.1	0.4	38	0.05	0.068	30
1556613	Soil	1.7	30.4	16.7	82	0.1	26.7	8.8	435	2.82	18.7	4.3	1.0	14	0.2	1.0	0.3	49	0.11	0.090	15
1556614	Soil	1.5	26.7	12.0	79	0.2	24.3	9.9	454	2.77	15.3	3.5	0.6	10	0.2	0.9	0.2	53	0.08	0.075	14
1556615	Soil	1.2	17.0	9.1	46	<0.1	13.0	4.5	177	2.20	11.0	1.9	0.5	7	0.2	0.6	0.2	47	0.06	0.045	11
1556616	Soil	1.0	15.9	11.5	50	<0.1	18.1	7.6	234	2.29	9.0	1.3	5.2	15	<0.1	0.6	0.1	42	0.13	0.024	17
1556617	Soil	1.2	31.0	17.7	74	0.2	26.0	10.0	404	2.52	11.7	3.6	5.7	46	0.4	0.9	0.2	43	0.46	0.061	18
1556618	Soil	0.1	14.5	10.0	66	<0.1	16.1	7.1	153	1.45	5.2	0.9	3.7	67	0.2	0.4	0.1	27	0.84	0.058	14
1556619	Soil	0.6	36.0	26.3	68	0.1	31.4	12.5	750	2.86	12.5	12.6	12.1	28	<0.1	1.6	0.3	16	0.32	0.048	28
1556620	Soil	0.5	15.4	14.7	46	<0.1	17.1	6.2	171	2.04	7.7	2.4	5.9	10	<0.1	0.9	0.2	23	0.10	0.024	15
1556621	Soil	0.3	20.3	14.2	45	<0.1	17.5	7.0	295	1.99	9.9	0.9	8.9	14	<0.1	1.7	0.2	13	0.19	0.054	28
1556622	Soil	0.5	24.3	12.9	50	0.1	22.0	7.6	297	2.14	10.4	2.9	7.5	19	<0.1	1.5	0.2	23	0.25	0.047	25
1556623	Soil	1.1	25.5	16.4	54	0.1	22.5	11.3	379	2.37	13.4	<0.5	7.0	30	0.1	1.4	0.2	32	0.38	0.046	21
1556624	Soil	0.7	24.3	14.0	56	0.1	23.1	8.7	389	2.32	12.2	2.0	7.5	30	0.1	1.4	0.2	27	0.37	0.050	23
1556625	Soil	0.5	13.7	11.9	64	0.1	16.0	8.7	378	1.74	4.8	0.8	3.9	84	0.1	0.6	0.1	26	0.98	0.059	13
1556626	Soil	0.2	17.1	10.0	58	0.1	17.1	7.8	187	1.73	6.0	1.8	4.2	62	0.2	0.6	0.2	30	0.70	0.054	16
1556627	Soil	0.5	34.0	19.3	71	<0.1	32.0	13.3	480	2.95	28.2	1.1	12.1	52	<0.1	2.8	0.2	19	1.05	0.066	31
1556628	Soil	0.6	28.3	18.7	78	<0.1	25.3	12.1	462	2.46	20.9	2.7	7.4	35	0.3	2.1	0.2	23	0.40	0.060	28
1556629	Soil	0.6	22.7	14.9	65	<0.1	21.2	9.0	654	2.19	16.6	0.7	4.9	52	0.2	1.4	0.2	18	0.70	0.065	21
1556630	Soil	0.5	25.2	16.3	62	<0.1	23.7	10.5	494	2.54	20.5	1.8	7.3	48	<0.1	2.0	0.2	17	0.71	0.058	26
1556631	Soil	0.9	23.0	20.8	66	<0.1	22.0	10.3	514	2.52	22.5	4.1	6.9	46	0.1	1.7	0.3	20	0.68	0.066	24

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	Method	Analyte	Unit	MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201			
					Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	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
1556602	Soil	20	0.26	230	0.032	<1	0.91	0.006	0.05	0.3	0.06	1.6	0.1	<0.05	5	<0.5	<0.2			
1556603	Soil	24	0.37	109	0.032	2	1.31	0.005	0.04	0.2	0.05	2.3	<0.1	<0.05	3	<0.5	<0.2			
1556604	Soil	19	0.24	68	0.017	1	0.93	0.005	0.03	0.2	0.03	1.1	<0.1	<0.05	3	0.6	<0.2			
1556605	Soil	32	0.39	140	0.023	2	1.64	0.006	0.04	0.2	0.05	1.3	<0.1	<0.05	5	1.2	<0.2			
1556606	Soil	26	0.35	99	0.022	1	1.43	0.005	0.05	0.2	0.05	1.4	<0.1	<0.05	5	<0.5	<0.2			
1556607	Soil	21	0.27	68	0.026	<1	1.00	0.005	0.03	0.2	0.05	1.3	<0.1	<0.05	3	<0.5	<0.2			
1556608	Soil	29	0.42	146	0.028	<1	1.63	0.006	0.04	0.2	0.03	2.3	0.1	<0.05	5	<0.5	<0.2			
1556609	Soil	33	0.44	146	0.028	1	1.89	0.005	0.05	0.7	0.04	2.0	0.1	<0.05	6	0.5	<0.2			
1556610	Soil	22	0.28	82	0.029	1	1.08	0.004	0.03	0.2	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2			
1556611	Soil	19	0.27	68	0.030	1	1.01	0.005	0.03	0.3	0.06	1.6	<0.1	<0.05	3	<0.5	<0.2			
1556612	Soil	21	0.23	74	0.008	<1	0.92	0.006	0.02	0.1	0.04	2.6	0.1	<0.05	4	0.9	0.3			
1556613	Soil	30	0.37	180	0.024	2	1.62	0.008	0.05	0.2	0.05	2.0	0.1	<0.05	5	<0.5	<0.2			
1556614	Soil	31	0.42	112	0.023	1	1.80	0.006	0.05	0.2	0.04	1.9	0.1	<0.05	5	<0.5	<0.2			
1556615	Soil	21	0.26	67	0.032	3	0.93	0.005	0.03	0.1	0.04	1.1	<0.1	<0.05	4	<0.5	<0.2			
1556616	Soil	23	0.40	192	0.033	<1	1.36	0.006	0.04	0.2	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2			
1556617	Soil	25	0.41	504	0.028	3	1.35	0.011	0.05	0.3	0.09	3.8	<0.1	<0.05	4	<0.5	<0.2			
1556618	Soil	15	0.32	265	0.016	4	0.99	0.008	0.04	0.2	0.06	2.4	<0.1	0.13	2	1.8	<0.2			
1556619	Soil	14	0.39	130	0.009	<1	0.99	0.005	0.05	<0.1	0.04	2.3	<0.1	<0.05	3	0.6	<0.2			
1556620	Soil	14	0.26	130	0.011	<1	1.07	0.003	0.03	<0.1	<0.01	1.4	<0.1	<0.05	3	<0.5	<0.2			
1556621	Soil	11	0.32	97	0.010	1	0.80	0.005	0.04	0.1	0.03	1.5	<0.1	<0.05	2	<0.5	<0.2			
1556622	Soil	17	0.33	198	0.016	<1	1.01	0.005	0.04	0.1	0.05	2.8	<0.1	<0.05	3	0.5	<0.2			
1556623	Soil	21	0.34	253	0.019	<1	1.15	0.007	0.04	0.2	0.06	2.6	<0.1	<0.05	3	1.5	<0.2			
1556624	Soil	16	0.33	166	0.024	2	0.93	0.007	0.04	0.4	0.05	2.6	<0.1	<0.05	3	<0.5	<0.2			
1556625	Soil	20	0.36	400	0.014	3	1.15	0.008	0.04	0.2	0.05	2.3	<0.1	0.18	3	0.9	<0.2			
1556626	Soil	18	0.32	299	0.017	3	1.03	0.007	0.04	0.2	0.05	2.6	<0.1	0.13	3	1.2	<0.2			
1556627	Soil	16	0.51	102	0.018	2	1.05	0.007	0.07	<0.1	0.04	2.2	<0.1	<0.05	3	<0.5	<0.2			
1556628	Soil	17	0.42	171	0.013	<1	1.07	0.006	0.05	0.2	0.04	2.6	<0.1	<0.05	3	<0.5	<0.2			
1556629	Soil	13	0.34	146	0.010	2	0.85	0.006	0.04	0.2	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2			
1556630	Soil	15	0.42	134	0.013	2	0.94	0.007	0.06	0.1	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2			
1556631	Soil	17	0.41	111	0.014	1	0.92	0.007	0.05	0.1	0.04	2.2	<0.1	0.06	3	<0.5	<0.2			

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
1556632	Soil	0.5	26.1	16.3	60	<0.1	22.2	9.6	325	2.45	17.1	5.7	5.9	61	0.2	2.0	0.3	17	0.92	0.053	24
1556633	Soil	0.5	26.3	17.2	61	<0.1	25.2	11.5	453	2.65	21.8	3.8	6.8	47	0.2	2.0	0.3	19	0.65	0.057	26
1556634	Soil	0.4	27.1	18.1	63	<0.1	23.1	10.2	349	2.53	18.9	3.8	7.8	38	0.1	1.8	0.2	16	0.51	0.051	28
1556635	Soil	0.5	33.4	21.7	75	0.1	28.2	12.2	556	2.79	26.9	4.0	11.3	25	0.1	2.5	0.3	13	0.33	0.057	32
1556636	Soil	0.5	17.6	18.8	59	<0.1	21.8	8.6	651	2.45	21.7	3.5	8.1	22	0.1	1.9	0.3	16	0.31	0.056	22
1556637	Soil	0.3	23.9	13.4	81	0.1	20.5	8.1	161	1.75	5.1	5.8	5.8	58	0.3	0.9	0.2	30	0.57	0.051	18
1556638	Soil	0.6	18.9	12.0	61	<0.1	17.6	7.2	169	1.79	11.3	2.5	5.7	32	0.2	0.9	0.2	35	0.34	0.052	17
1556639	Soil	0.8	27.4	14.5	58	0.2	26.4	11.4	822	2.33	10.6	2.7	4.6	45	0.2	1.6	0.2	31	0.57	0.062	24
1556640	Soil	0.5	21.0	15.0	51	<0.1	19.8	7.9	314	2.28	13.1	2.8	5.9	8	0.1	1.3	0.2	19	0.09	0.037	19
1556641	Soil	0.5	31.0	23.7	54	<0.1	36.1	13.7	679	3.48	12.5	2.7	21.2	13	<0.1	0.8	0.3	10	0.15	0.037	40
1556642	Soil	0.3	13.8	9.1	66	<0.1	16.0	8.4	1156	2.76	10.5	2.5	3.0	88	0.3	0.5	0.1	21	1.16	0.072	12
1556643	Soil	0.9	23.6	27.3	72	<0.1	21.5	9.3	302	2.49	8.6	3.1	6.7	32	<0.1	0.6	0.2	36	0.32	0.043	25
1556644	Soil	0.4	20.9	11.6	52	<0.1	18.4	6.5	145	1.72	3.3	4.3	3.5	107	0.4	0.5	0.2	25	0.93	0.062	15
1556645	Soil	0.2	15.3	12.5	68	0.1	16.8	7.0	575	1.61	4.1	6.7	2.6	121	0.5	0.5	0.1	27	1.57	0.072	14
1556646	Soil	0.6	21.4	14.5	62	0.1	20.4	9.5	299	2.33	8.9	4.4	7.7	32	0.1	0.7	0.2	32	0.38	0.047	24
1556647	Soil	0.3	12.5	10.2	51	<0.1	14.8	6.2	101	1.79	7.6	2.7	4.2	29	0.1	0.7	0.1	39	0.37	0.056	14
1556648	Soil	0.4	21.5	10.7	49	0.1	18.6	7.1	105	1.77	8.5	3.5	4.6	44	0.2	0.9	0.1	36	0.54	0.053	17
1556649	Soil	0.5	19.9	9.8	53	<0.1	18.1	6.1	164	1.79	9.9	2.0	4.7	43	0.3	1.2	0.1	31	0.50	0.063	16
1556650	Soil	0.8	29.5	15.0	68	0.1	31.2	11.5	362	2.77	46.8	1.8	8.0	42	0.3	3.7	0.2	21	0.59	0.060	27
1556651	Soil	0.6	28.6	19.9	61	0.2	34.8	13.5	539	3.00	37.8	3.2	12.0	29	0.2	10.0	0.6	13	0.38	0.056	35
1556652	Soil	0.9	25.9	15.8	55	<0.1	27.4	10.4	293	2.51	12.4	3.2	8.9	30	0.1	2.6	0.2	26	0.36	0.047	28
1556653	Soil	1.0	24.7	10.3	61	<0.1	23.1	8.5	316	2.21	9.9	3.0	6.3	27	0.2	1.0	0.2	29	0.32	0.051	20
1556654	Soil	0.8	19.5	10.0	51	0.1	18.9	9.2	386	2.05	8.5	7.1	3.3	47	0.1	0.8	0.2	35	0.53	0.059	15
1556655	Soil	0.7	21.1	12.0	56	<0.1	20.5	8.5	218	2.24	9.5	2.7	5.8	26	0.1	1.0	0.2	31	0.33	0.052	20
1556656	Soil	0.6	24.4	11.7	54	0.1	22.6	9.2	339	2.49	10.7	7.3	4.6	80	0.5	1.0	0.2	29	0.98	0.049	18
1556657	Soil	0.6	19.5	11.1	55	0.1	19.6	7.8	148	2.00	9.6	4.5	5.0	82	0.3	0.7	0.1	30	0.89	0.054	16
1556658	Soil	0.5	16.1	9.9	56	<0.1	17.6	7.6	332	1.71	7.4	8.5	5.1	24	0.2	0.9	0.1	23	0.32	0.068	20
1556659	Soil	0.8	33.8	18.0	72	<0.1	31.9	13.6	561	3.03	12.4	3.0	11.2	21	0.3	1.2	0.2	20	0.29	0.051	31
1556660	Soil	0.6	26.8	14.2	62	<0.1	25.7	10.0	454	2.40	9.0	2.3	8.4	49	0.1	1.0	0.2	17	0.64	0.053	27
1556661	Soil	0.9	30.6	15.4	62	<0.1	28.7	11.4	502	2.49	9.7	2.6	8.0	42	0.2	0.9	0.2	23	0.58	0.052	27

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	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
1556632	Soil	15	0.39	156	0.011	2	0.98	0.006	0.05	0.1	0.05	2.1	<0.1	<0.05	3	<0.5	<0.2
1556633	Soil	17	0.40	165	0.012	1	1.03	0.007	0.05	0.1	0.08	2.6	<0.1	<0.05	3	<0.5	<0.2
1556634	Soil	16	0.39	116	0.011	1	0.99	0.005	0.06	<0.1	0.05	2.1	<0.1	<0.05	3	<0.5	<0.2
1556635	Soil	15	0.48	100	0.015	<1	1.00	0.007	0.06	<0.1	0.05	2.4	<0.1	<0.05	3	<0.5	<0.2
1556636	Soil	14	0.39	92	0.013	<1	0.92	0.005	0.05	0.1	0.04	1.8	<0.1	<0.05	3	<0.5	<0.2
1556637	Soil	21	0.39	407	0.016	2	1.34	0.008	0.05	0.2	0.06	3.4	<0.1	<0.05	4	<0.5	<0.2
1556638	Soil	19	0.34	330	0.020	<1	1.23	0.007	0.04	0.2	0.06	2.8	<0.1	<0.05	4	<0.5	<0.2
1556639	Soil	18	0.34	374	0.019	3	1.39	0.007	0.05	0.2	0.07	3.3	<0.1	<0.05	4	<0.5	<0.2
1556640	Soil	13	0.29	85	0.015	1	0.88	0.003	0.03	0.2	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1556641	Soil	15	0.51	104	0.006	1	1.09	0.003	0.05	<0.1	0.04	2.5	<0.1	<0.05	3	0.5	<0.2
1556642	Soil	16	0.29	313	0.014	3	0.93	0.007	0.04	0.1	0.06	2.1	<0.1	0.11	3	<0.5	<0.2
1556643	Soil	21	0.39	255	0.017	1	1.37	0.006	0.06	0.2	0.04	2.9	<0.1	<0.05	4	<0.5	<0.2
1556644	Soil	19	0.30	413	0.021	3	1.13	0.008	0.04	0.2	0.08	3.2	<0.1	<0.05	3	<0.5	<0.2
1556645	Soil	19	0.30	433	0.018	4	1.19	0.008	0.04	0.2	0.06	3.0	<0.1	<0.05	3	0.5	<0.2
1556646	Soil	21	0.32	281	0.021	1	1.20	0.008	0.05	0.2	0.09	3.2	<0.1	<0.05	4	<0.5	<0.2
1556647	Soil	20	0.35	242	0.016	2	1.16	0.007	0.04	0.2	0.04	2.6	<0.1	<0.05	4	<0.5	<0.2
1556648	Soil	21	0.37	337	0.016	3	1.22	0.007	0.04	0.2	0.06	3.1	<0.1	<0.05	4	<0.5	<0.2
1556649	Soil	18	0.33	295	0.019	3	0.97	0.007	0.04	0.2	0.05	2.7	<0.1	<0.05	3	<0.5	<0.2
1556650	Soil	16	0.26	293	0.012	2	0.90	0.006	0.06	0.1	0.17	2.8	<0.1	<0.05	3	0.9	<0.2
1556651	Soil	11	0.27	124	0.008	2	0.75	0.004	0.06	0.1	0.18	2.6	<0.1	<0.05	2	<0.5	<0.2
1556652	Soil	21	0.35	230	0.011	<1	1.13	0.005	0.06	0.2	0.10	3.2	<0.1	<0.05	3	<0.5	<0.2
1556653	Soil	18	0.33	269	0.022	2	1.01	0.007	0.05	0.2	0.06	3.2	<0.1	<0.05	3	<0.5	<0.2
1556654	Soil	20	0.33	337	0.014	1	1.30	0.007	0.04	0.2	0.05	3.0	<0.1	<0.05	4	0.7	<0.2
1556655	Soil	19	0.34	280	0.018	<1	1.24	0.006	0.05	0.2	0.06	3.4	<0.1	<0.05	3	0.7	<0.2
1556656	Soil	17	0.28	324	0.016	2	1.11	0.007	0.05	0.2	0.07	3.0	<0.1	<0.05	3	1.1	<0.2
1556657	Soil	18	0.31	272	0.013	<1	1.11	0.007	0.06	0.1	0.06	3.0	<0.1	<0.05	3	1.7	<0.2
1556658	Soil	15	0.27	263	0.014	<1	0.88	0.006	0.05	0.5	0.05	2.1	<0.1	<0.05	3	<0.5	<0.2
1556659	Soil	17	0.37	212	0.012	2	1.15	0.009	0.10	0.1	0.06	2.9	<0.1	<0.05	3	<0.5	<0.2
1556660	Soil	15	0.33	169	0.014	4	1.06	0.006	0.09	0.2	0.06	2.4	<0.1	<0.05	3	<0.5	<0.2
1556661	Soil	18	0.33	299	0.014	2	1.21	0.007	0.08	0.1	0.06	2.8	<0.1	<0.05	4	0.7	<0.2

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	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	0.1	2	0.01	0.001
1556662	Soil	0.6	21.6	11.2	49	<0.1	20.2	7.6	254	1.97	6.9	3.0	5.9	23	<0.1	0.7	0.2	27	0.29	0.047
1556663	Soil	0.7	25.9	13.7	47	0.1	23.9	9.3	400	2.35	9.9	2.1	5.2	36	<0.1	1.0	0.2	28	0.47	0.050
1556664	Soil	0.6	25.5	11.0	58	0.1	23.3	9.9	317	2.22	8.4	3.5	8.1	18	<0.1	1.2	0.2	21	0.23	0.047
1556665	Soil	0.8	12.0	10.8	43	<0.1	13.2	5.5	92	1.84	9.4	3.7	2.3	22	<0.1	0.6	0.2	35	0.27	0.054
1556666	Soil	0.9	13.1	10.0	47	<0.1	14.6	6.0	109	1.90	9.1	2.1	2.7	21	<0.1	0.7	0.2	37	0.27	0.054
1556667	Soil	0.8	13.7	11.6	44	<0.1	14.8	7.1	216	1.95	7.8	3.1	2.7	24	<0.1	0.7	0.2	36	0.32	0.062
1556668	Soil	0.5	18.1	11.2	62	0.1	18.5	9.5	297	2.16	8.7	5.9	3.9	37	0.3	1.0	0.2	36	0.41	0.067
1556669	Soil	0.6	11.1	8.6	50	<0.1	12.4	4.1	103	1.61	10.9	1.6	3.2	33	0.1	0.8	0.1	27	0.39	0.061
1556670	Soil	0.5	18.0	12.3	38	0.1	18.4	7.4	288	2.82	14.1	16.5	3.5	84	0.3	1.3	0.2	24	1.06	0.065
1556671	Soil	0.4	20.7	12.5	62	0.1	19.5	7.7	152	1.93	10.4	1.6	5.5	39	0.3	1.1	0.2	33	0.44	0.053
1556672	Soil	0.6	25.2	14.1	59	0.1	23.1	9.0	364	2.52	13.0	2.0	3.7	73	0.7	1.3	0.2	32	0.92	0.068
1556673	Soil	0.8	30.2	18.1	59	<0.1	30.5	11.3	438	2.78	18.3	2.0	11.5	27	0.2	3.1	0.3	15	0.39	0.047
1556674	Soil	1.6	23.3	15.0	74	<0.1	20.5	8.3	322	2.98	264.5	3.0	2.0	11	0.1	1.1	0.3	50	0.08	0.049
1556675	Soil	1.5	20.8	12.0	66	<0.1	18.3	5.4	198	2.63	92.6	2.2	0.8	10	0.2	0.8	0.2	48	0.08	0.048
1556676	Soil	1.7	17.3	12.3	67	<0.1	17.9	9.7	414	2.77	122.1	3.1	0.9	10	0.1	0.8	0.3	47	0.08	0.057
1556677	Soil	1.0	27.8	10.5	85	<0.1	28.3	11.2	398	2.68	28.8	2.7	3.2	15	0.4	0.8	0.2	49	0.17	0.082
1556678	Soil	1.2	23.8	10.8	62	<0.1	21.1	8.0	260	2.56	18.1	4.4	2.4	12	<0.1	0.8	0.2	48	0.12	0.060
1556679	Soil	1.2	21.6	11.6	59	<0.1	20.3	8.4	291	2.58	14.1	4.5	2.7	12	0.1	0.9	0.2	47	0.15	0.054
1556680	Soil	1.1	23.0	13.3	70	0.1	20.8	7.9	190	2.57	37.1	1.3	1.4	11	0.1	0.6	0.3	41	0.11	0.057
1556681	Soil	1.3	24.3	16.5	88	0.3	28.7	10.3	286	2.94	29.0	4.6	1.1	15	0.1	0.9	0.3	52	0.15	0.094
1556682	Soil	0.9	14.7	9.8	71	0.1	18.5	6.0	225	2.17	20.4	4.2	1.2	13	<0.1	0.5	0.2	42	0.13	0.071
1556683	Soil	1.2	24.9	10.3	80	0.2	25.5	9.5	376	2.46	68.9	1.7	1.0	16	0.4	0.7	0.2	43	0.18	0.113
1556684	Soil	1.7	31.3	13.0	91	<0.1	28.2	10.7	399	3.21	46.1	2.5	3.5	13	0.2	0.9	0.2	54	0.13	0.068
1556685	Soil	1.9	42.8	17.5	134	0.2	35.8	13.9	421	3.63	88.6	4.0	3.0	13	0.2	0.8	0.3	51	0.11	0.070
1556686	Soil	2.1	53.6	13.4	117	0.3	36.0	13.4	476	3.37	35.7	6.7	5.3	16	0.4	1.0	0.3	51	0.14	0.085
1556687	Soil	2.5	35.8	15.9	105	0.3	26.1	17.5	430	3.36	57.3	2.4	1.9	14	0.3	1.0	0.3	55	0.08	0.079
1556688	Soil	2.0	31.1	14.4	106	0.2	27.3	15.4	453	3.17	41.2	2.2	2.2	14	0.2	0.9	0.3	54	0.11	0.073
1556689	Soil	1.4	36.0	13.5	103	0.1	30.8	12.1	376	3.26	51.6	1.3	3.4	11	0.2	0.7	0.3	48	0.09	0.061
1556690	Soil	1.3	17.0	20.2	54	0.3	16.7	7.3	197	1.95	26.3	1.9	0.3	12	0.1	0.5	0.3	46	0.08	0.101
1556691	Soil	1.4	17.9	15.1	61	<0.1	18.4	9.0	286	2.74	107.3	6.3	1.0	11	0.1	0.8	0.3	50	0.08	0.047

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	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
1556662	Soil	17	0.31	234	0.012	1	1.06	0.005	0.06	0.1	0.04	2.5	<0.1	<0.05	3	<0.5	<0.2
1556663	Soil	17	0.29	300	0.009	2	1.26	0.005	0.06	0.2	0.08	2.9	<0.1	<0.05	4	<0.5	<0.2
1556664	Soil	17	0.32	229	0.019	1	0.98	0.006	0.06	0.1	0.06	2.7	<0.1	<0.05	3	0.6	<0.2
1556665	Soil	19	0.30	226	0.013	<1	1.21	0.005	0.04	0.2	0.04	2.1	<0.1	<0.05	4	<0.5	<0.2
1556666	Soil	20	0.32	220	0.015	<1	1.21	0.006	0.04	0.2	0.04	2.2	<0.1	<0.05	4	<0.5	<0.2
1556667	Soil	19	0.29	285	0.012	<1	1.18	0.005	0.04	0.2	0.05	2.6	<0.1	<0.05	4	<0.5	<0.2
1556668	Soil	21	0.34	363	0.012	<1	1.14	0.006	0.04	0.2	0.06	3.2	<0.1	<0.05	3	<0.5	<0.2
1556669	Soil	15	0.26	286	0.012	<1	0.83	0.006	0.03	0.2	0.05	2.2	<0.1	<0.05	3	<0.5	<0.2
1556670	Soil	15	0.25	356	0.009	2	0.82	0.006	0.04	0.1	0.06	2.3	<0.1	0.11	2	0.6	<0.2
1556671	Soil	19	0.34	376	0.016	1	1.04	0.007	0.05	0.2	0.06	3.1	<0.1	<0.05	3	<0.5	<0.2
1556672	Soil	19	0.29	432	0.012	2	0.97	0.006	0.04	0.2	0.07	3.1	<0.1	0.05	3	1.0	<0.2
1556673	Soil	13	0.30	176	0.015	<1	0.80	0.006	0.08	0.1	0.03	3.1	<0.1	<0.05	2	<0.5	<0.2
1556674	Soil	26	0.46	132	0.022	2	1.70	0.005	0.04	0.2	0.04	2.4	0.1	<0.05	5	<0.5	<0.2
1556675	Soil	25	0.38	106	0.018	<1	1.43	0.005	0.05	0.2	0.06	1.6	0.1	<0.05	5	0.7	<0.2
1556676	Soil	32	0.39	145	0.019	1	1.47	0.006	0.05	0.2	0.03	1.6	0.1	<0.05	5	<0.5	<0.2
1556677	Soil	28	0.51	159	0.046	2	1.63	0.008	0.06	0.3	0.03	3.5	0.1	<0.05	4	<0.5	<0.2
1556678	Soil	26	0.48	128	0.034	2	1.62	0.006	0.05	0.2	0.05	2.7	0.1	<0.05	5	<0.5	<0.2
1556679	Soil	25	0.42	125	0.029	<1	1.40	0.005	0.05	0.3	0.05	2.8	0.1	<0.05	5	0.7	<0.2
1556680	Soil	25	0.52	109	0.021	2	1.70	0.005	0.05	0.2	0.03	1.8	0.1	<0.05	5	0.6	<0.2
1556681	Soil	33	0.53	164	0.022	<1	1.98	0.007	0.07	0.2	0.06	2.5	0.2	<0.05	6	0.9	<0.2
1556682	Soil	24	0.46	105	0.028	2	1.62	0.005	0.05	0.2	0.03	2.0	0.1	<0.05	5	0.7	<0.2
1556683	Soil	24	0.46	92	0.028	1	1.47	0.006	0.06	0.3	0.03	1.9	0.1	<0.05	4	0.7	<0.2
1556684	Soil	30	0.54	114	0.040	1	1.72	0.005	0.06	0.3	0.04	3.2	0.1	<0.05	5	<0.5	<0.2
1556685	Soil	31	0.61	139	0.030	2	1.83	0.006	0.07	0.2	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1556686	Soil	31	0.58	137	0.043	1	1.72	0.007	0.07	0.3	0.04	4.3	0.2	<0.05	5	<0.5	<0.2
1556687	Soil	32	0.60	161	0.027	2	1.96	0.006	0.06	0.2	0.04	2.8	0.2	<0.05	6	0.7	<0.2
1556688	Soil	32	0.56	163	0.031	2	1.82	0.006	0.06	0.2	0.04	3.3	0.2	<0.05	6	<0.5	<0.2
1556689	Soil	30	0.61	151	0.038	<1	1.97	0.005	0.07	0.2	0.04	3.5	0.2	<0.05	6	<0.5	<0.2
1556690	Soil	24	0.31	171	0.014	1	1.48	0.005	0.06	0.1	0.04	1.5	0.2	0.06	6	<0.5	<0.2
1556691	Soil	27	0.43	138	0.019	<1	1.69	0.005	0.05	0.2	0.04	1.8	0.2	<0.05	5	0.5	<0.2

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	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	0.1	2	0.01	0.001
1556692	Soil	1.0	21.8	11.8	72	0.1	19.1	8.6	290	2.56	31.2	2.6	1.2	13	0.2	0.8	0.2	47	0.14	0.069
1556693	Soil	1.4	17.0	12.5	67	<0.1	23.2	6.4	216	2.63	36.8	1.4	1.1	15	<0.1	0.8	0.2	52	0.14	0.045
1556694	Soil	1.1	22.1	11.1	69	0.1	20.1	7.0	257	2.59	51.3	4.8	1.8	11	0.1	0.8	0.2	44	0.08	0.040
1556695	Soil	1.2	21.7	11.7	65	<0.1	18.6	6.6	252	2.73	99.1	2.4	1.6	11	<0.1	0.8	0.3	43	0.09	0.042
1556696	Soil	0.9	19.4	10.8	64	<0.1	18.5	6.1	256	2.87	150.5	2.0	0.8	9	<0.1	0.5	0.3	33	0.07	0.051
1556697	Soil	1.0	23.1	12.1	68	<0.1	18.8	6.5	248	2.86	298.1	3.0	1.9	11	0.2	0.8	0.2	41	0.10	0.050
1556698	Soil	1.0	44.7	15.9	84	0.3	22.6	8.7	341	3.70	533.7	5.9	6.1	13	0.1	1.2	0.3	30	0.08	0.056
1556699	Soil	1.1	41.1	15.2	76	0.2	21.3	8.0	314	3.48	490.6	4.2	6.6	13	0.2	1.2	0.3	30	0.09	0.054
1556700	Soil	1.1	36.4	15.1	77	0.3	22.7	8.6	359	3.40	326.4	3.0	4.2	9	0.2	0.9	0.4	34	0.05	0.040
1556701	Soil	2.3	39.0	12.8	71	0.4	23.0	9.8	344	2.92	27.8	2.0	7.1	20	0.2	0.8	0.4	43	0.15	0.102
1556702	Soil	1.4	29.2	13.0	76	0.2	23.9	9.7	250	2.84	42.3	2.4	3.0	15	0.2	1.0	0.2	46	0.14	0.067
1556703	Soil	1.0	34.1	10.4	68	0.1	19.9	7.6	184	3.30	28.2	4.9	7.4	14	<0.1	0.8	0.2	38	0.15	0.067
1556704	Soil	1.2	39.5	15.4	65	<0.1	19.3	6.4	156	2.49	51.4	3.5	0.7	11	0.5	0.8	0.3	36	0.05	0.074
1556705	Soil	1.3	26.0	15.3	74	0.1	21.2	9.8	300	2.86	61.5	5.8	1.2	18	0.3	0.6	0.3	42	0.08	0.075
1556706	Soil	1.6	25.9	14.1	85	0.2	21.4	9.9	314	2.99	28.2	2.0	1.8	12	0.2	0.8	0.3	55	0.08	0.088
1556707	Soil	2.0	13.4	14.0	52	<0.1	12.1	5.4	194	2.61	14.7	3.6	2.8	9	0.2	0.8	0.2	59	0.09	0.063
1556708	Soil	1.1	32.7	9.2	74	0.1	25.6	9.1	279	2.52	32.5	3.2	7.0	15	0.3	0.9	0.2	43	0.19	0.092
1556709	Soil	1.0	25.3	9.6	81	<0.1	22.3	8.9	307	2.65	22.5	4.4	6.5	11	0.4	0.7	0.2	30	0.13	0.076
1556710	Soil	1.9	29.9	10.1	84	0.2	20.8	7.3	260	2.80	52.7	3.2	5.6	12	0.3	0.8	0.2	40	0.12	0.075
1556711	Soil	1.3	50.6	9.0	73	<0.1	33.0	14.5	291	2.29	19.9	1.1	3.5	17	0.3	0.9	0.1	46	0.20	0.076
1556712	Soil	1.1	33.7	8.0	67	<0.1	23.9	9.4	347	2.15	16.4	3.5	4.5	20	0.4	0.8	0.1	43	0.24	0.091
1556713	Soil	1.7	27.4	14.2	78	0.2	20.4	9.0	367	3.14	135.1	7.4	2.0	13	0.2	1.0	0.3	51	0.09	0.078
1556714	Soil	1.4	25.8	14.9	84	<0.1	23.4	11.6	394	2.98	189.5	3.0	3.4	12	0.3	0.8	0.3	41	0.10	0.065
1556715	Soil	0.9	23.9	11.7	64	0.3	21.2	12.2	372	2.28	47.5	4.4	1.7	13	0.1	0.5	0.2	38	0.13	0.047
1556716	Soil	1.1	30.3	15.4	82	0.3	32.1	21.1	689	2.72	42.1	4.2	2.4	12	0.1	0.7	0.2	41	0.13	0.066
1556717	Soil	1.4	20.8	16.4	66	<0.1	19.8	8.9	328	3.16	26.2	6.7	4.8	10	0.2	0.8	0.3	45	0.09	0.053
1556718	Soil	1.3	22.7	11.1	94	0.1	25.2	8.3	265	2.49	24.6	3.3	1.9	13	0.2	0.7	0.2	46	0.14	0.066
1556719	Soil	1.2	12.1	8.9	62	<0.1	14.1	5.8	260	1.87	12.4	2.4	0.3	15	0.3	0.5	0.2	47	0.13	0.070
1556720	Soil	1.3	17.1	12.1	68	<0.1	18.9	7.4	258	2.47	16.9	1.5	2.0	12	0.2	0.7	0.2	48	0.13	0.057
1556721	Soil	0.8	12.6	8.9	58	<0.1	17.4	5.8	187	2.11	13.5	1.1	1.5	12	0.1	0.4	0.1	39	0.14	0.053

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	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	0.1	0.05	1	0.5	0.2
1556692	Soil	27	0.47	134	0.026	2	1.65	0.006	0.05	0.2	0.09	2.3	0.1	<0.05	5	<0.5	<0.2
1556693	Soil	29	0.47	197	0.030	<1	1.55	0.006	0.05	0.2	0.05	2.6	0.1	<0.05	5	<0.5	<0.2
1556694	Soil	26	0.48	140	0.024	2	1.67	0.005	0.05	0.2	0.03	2.3	0.1	<0.05	5	0.6	<0.2
1556695	Soil	25	0.48	139	0.020	<1	1.57	0.005	0.05	0.2	0.03	2.0	0.1	<0.05	5	<0.5	<0.2
1556696	Soil	23	0.53	95	0.011	<1	1.63	0.004	0.05	0.1	0.03	1.1	0.2	<0.05	5	<0.5	<0.2
1556697	Soil	22	0.42	128	0.019	2	1.37	0.004	0.05	0.2	0.05	1.9	0.1	<0.05	5	<0.5	<0.2
1556698	Soil	21	0.52	141	0.015	<1	1.52	0.004	0.06	0.2	0.04	2.0	0.2	<0.05	5	<0.5	<0.2
1556699	Soil	21	0.50	146	0.015	<1	1.47	0.004	0.06	0.2	0.04	2.1	0.1	<0.05	5	<0.5	<0.2
1556700	Soil	22	0.48	98	0.020	<1	1.57	0.005	0.07	0.2	0.06	1.8	0.2	<0.05	5	<0.5	<0.2
1556701	Soil	26	0.48	119	0.020	<1	1.48	0.005	0.05	0.2	0.04	2.8	0.1	<0.05	4	1.3	<0.2
1556702	Soil	26	0.50	185	0.030	1	1.56	0.006	0.05	0.2	0.03	3.1	0.1	<0.05	5	<0.5	<0.2
1556703	Soil	22	0.46	112	0.028	2	1.51	0.005	0.05	0.2	0.04	2.7	<0.1	<0.05	4	0.7	<0.2
1556704	Soil	21	0.31	71	0.011	2	1.19	0.007	0.04	0.2	0.05	0.8	0.1	0.07	5	0.6	<0.2
1556705	Soil	25	0.45	99	0.021	2	1.45	0.008	0.07	0.2	0.04	1.3	0.1	<0.05	5	<0.5	<0.2
1556706	Soil	32	0.53	138	0.026	1	1.82	0.005	0.05	0.2	0.03	2.6	0.2	<0.05	6	<0.5	<0.2
1556707	Soil	26	0.34	90	0.023	2	1.60	0.006	0.05	0.2	0.04	2.4	0.2	<0.05	6	0.5	<0.2
1556708	Soil	24	0.40	115	0.037	1	1.23	0.006	0.04	0.4	0.04	2.6	<0.1	<0.05	4	<0.5	<0.2
1556709	Soil	19	0.40	98	0.023	1	1.15	0.004	0.03	0.2	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
1556710	Soil	25	0.48	119	0.025	<1	1.38	0.005	0.04	0.2	0.03	2.6	<0.1	<0.05	4	0.6	<0.2
1556711	Soil	29	0.44	166	0.042	1	1.46	0.007	0.04	0.2	0.04	3.2	<0.1	<0.05	4	<0.5	<0.2
1556712	Soil	22	0.37	197	0.040	1	1.10	0.007	0.04	0.3	0.03	2.5	<0.1	<0.05	3	<0.5	<0.2
1556713	Soil	30	0.48	140	0.025	<1	1.63	0.005	0.06	0.2	0.04	2.3	0.2	<0.05	5	0.5	<0.2
1556714	Soil	27	0.49	115	0.023	1	1.61	0.005	0.06	0.2	0.03	2.1	0.1	<0.05	5	<0.5	<0.2
1556715	Soil	23	0.38	139	0.024	1	1.29	0.006	0.06	0.2	0.03	1.8	0.1	<0.05	5	<0.5	<0.2
1556716	Soil	26	0.45	134	0.031	2	1.69	0.006	0.07	0.2	0.05	2.5	0.1	<0.05	5	0.6	<0.2
1556717	Soil	25	0.43	89	0.035	2	1.49	0.004	0.07	0.3	0.04	2.1	0.1	<0.05	5	<0.5	<0.2
1556718	Soil	28	0.46	165	0.033	<1	1.52	0.006	0.06	0.2	0.04	2.6	0.1	<0.05	5	<0.5	<0.2
1556719	Soil	23	0.30	165	0.022	<1	1.11	0.007	0.06	0.2	0.03	1.2	<0.1	0.05	5	<0.5	<0.2
1556720	Soil	27	0.43	124	0.036	1	1.60	0.006	0.06	0.2	0.03	2.3	0.1	<0.05	5	<0.5	<0.2
1556721	Soil	23	0.43	109	0.034	<1	1.27	0.005	0.05	0.2	0.02	1.7	<0.1	<0.05	5	<0.5	<0.2

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
1556722	Soil	1.3	17.3	11.6	78	<0.1	20.3	8.6	376	2.60	17.4	1.0	0.9	12	0.2	0.6	0.2	47	0.13	0.084	15
1556723	Soil	1.4	15.9	9.9	68	0.1	17.9	6.5	235	2.40	11.9	0.7	1.6	10	0.2	0.7	0.2	48	0.09	0.050	13
1556724	Soil	1.1	21.7	9.3	82	<0.1	23.7	8.2	235	2.71	15.8	2.4	3.4	12	0.2	0.6	0.2	47	0.14	0.056	16
1556725	Soil	1.5	40.2	10.9	88	0.2	32.0	10.8	330	2.59	19.6	4.7	6.7	18	0.3	0.9	0.2	48	0.23	0.108	20
1556726	Soil	1.7	29.2	11.7	90	0.1	24.2	8.1	299	2.64	46.9	3.1	1.5	15	0.3	0.9	0.2	56	0.13	0.073	16
1556727	Soil	1.8	25.4	14.9	79	<0.1	21.9	10.3	423	2.88	22.2	2.0	0.7	13	0.3	0.9	0.3	58	0.11	0.068	16
1556728	Soil	1.2	20.0	9.8	77	<0.1	19.9	6.4	210	2.35	13.4	1.4	2.7	13	0.2	0.7	0.2	43	0.15	0.068	16
1556729	Soil	1.0	32.3	12.5	63	1.6	27.2	4.1	106	1.82	25.8	0.9	0.3	16	0.3	0.6	0.2	41	0.14	0.144	21
1556730	Soil	1.0	16.1	9.5	68	<0.1	18.1	6.0	208	2.12	12.6	2.9	1.8	11	0.2	0.5	0.2	41	0.12	0.055	14
1556731	Soil	1.4	14.7	12.4	75	0.1	19.1	6.5	274	2.66	24.7	<0.5	0.7	16	0.1	0.6	0.3	54	0.15	0.062	14
1556732	Soil	1.0	17.8	10.8	65	0.1	18.7	6.8	193	2.21	22.6	2.2	1.9	13	0.1	0.6	0.2	44	0.15	0.067	16
1556733	Soil	0.9	19.6	10.3	68	<0.1	20.1	7.2	182	2.19	21.0	2.2	2.9	13	0.2	0.6	0.2	41	0.15	0.068	17
1556734	Soil	1.5	11.8	11.9	59	<0.1	15.3	8.7	410	2.26	22.6	0.7	0.7	15	0.1	0.6	0.3	53	0.16	0.047	14
1556735	Soil	1.2	28.1	9.6	72	<0.1	22.9	7.2	244	2.48	20.1	10.3	2.7	14	0.3	0.9	0.2	43	0.16	0.076	22
1556736	Soil	1.6	18.6	15.3	60	0.1	19.5	9.0	534	2.48	21.5	6.6	1.1	11	0.1	0.6	0.2	41	0.08	0.064	18
1556737	Soil	2.1	33.2	18.4	111	0.1	30.3	13.6	518	3.33	43.7	2.2	3.2	15	0.3	1.3	0.3	50	0.10	0.080	18
1556738	Soil	1.5	25.6	17.9	129	<0.1	30.2	11.2	450	2.97	28.2	1.6	1.9	12	0.6	0.7	0.3	46	0.09	0.077	18
1556739	Soil	1.7	26.3	14.5	74	<0.1	20.5	7.1	276	2.70	19.7	2.1	3.4	11	0.2	0.8	0.3	44	0.07	0.057	20
1556740	Soil	1.8	22.0	16.5	70	0.1	18.0	7.9	327	2.93	22.4	2.7	1.1	11	0.1	1.0	0.3	54	0.07	0.075	18
1556741	Soil	1.6	18.2	11.4	63	<0.1	17.2	5.8	214	2.39	14.5	1.8	1.3	10	0.2	0.7	0.3	47	0.08	0.051	15
1556742	Soil	1.3	20.8	10.0	57	<0.1	16.6	6.4	191	2.24	14.4	3.5	2.3	10	0.2	0.7	0.2	33	0.09	0.046	18
1556743	Soil	1.5	20.5	14.0	62	<0.1	17.5	6.7	239	2.50	10.6	1.7	2.6	17	0.2	0.6	0.3	40	0.09	0.048	18
1556744	Soil	1.0	24.7	15.7	81	<0.1	26.6	10.2	297	2.81	11.1	2.1	5.1	16	0.1	0.7	0.3	43	0.13	0.043	14
1556745	Soil	2.0	17.9	12.5	73	0.1	18.3	7.9	254	2.70	13.5	2.7	1.1	12	0.2	0.8	0.2	61	0.09	0.059	15
1556746	Soil	1.3	23.5	10.6	57	0.1	18.6	7.4	235	2.29	12.2	2.2	2.1	14	0.2	0.7	0.2	50	0.11	0.065	17
1556747	Soil	1.8	23.3	11.7	56	0.2	17.3	5.2	145	2.36	11.2	7.3	0.8	15	<0.1	0.7	0.2	52	0.09	0.066	18
1556748	Soil	1.6	30.1	12.0	90	<0.1	26.4	9.7	408	2.55	14.6	5.8	5.2	13	0.2	1.0	0.2	47	0.13	0.064	21
1556749	Soil	0.9	16.6	9.8	48	<0.1	13.5	5.4	205	1.96	18.3	1.3	2.8	9	0.2	0.8	0.2	31	0.08	0.040	17
1556750	Soil	0.8	20.9	9.9	52	<0.1	15.2	5.4	198	2.10	19.8	2.1	3.1	8	0.1	0.6	0.2	33	0.08	0.034	20
1556751	Soil	0.9	19.9	8.7	53	<0.1	16.6	6.2	227	2.07	27.6	2.9	3.0	12	0.2	0.6	0.2	35	0.13	0.046	16

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	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	0.1	0.05	1	0.5	0.2
1556722	Soil	29	0.50	134	0.022	1	1.56	0.006	0.06	0.1	0.02	1.7	0.1	<0.05	5	<0.5	<0.2
1556723	Soil	28	0.40	104	0.041	1	1.28	0.005	0.06	0.2	0.02	2.0	0.1	<0.05	6	<0.5	<0.2
1556724	Soil	30	0.51	113	0.055	2	1.58	0.006	0.07	0.2	0.02	2.7	0.1	<0.05	5	0.6	<0.2
1556725	Soil	27	0.51	117	0.051	2	1.58	0.008	0.06	0.3	0.04	3.4	<0.1	<0.05	4	0.6	<0.2
1556726	Soil	30	0.48	166	0.033	1	1.41	0.007	0.05	0.3	0.04	2.5	0.1	<0.05	5	0.6	<0.2
1556727	Soil	29	0.44	181	0.019	1	1.65	0.005	0.06	0.2	0.03	1.7	0.2	<0.05	6	0.5	<0.2
1556728	Soil	26	0.44	99	0.037	1	1.59	0.005	0.06	0.2	0.04	2.3	0.1	<0.05	5	<0.5	<0.2
1556729	Soil	51	0.32	259	0.012	2	1.74	0.008	0.06	0.2	0.07	1.5	0.2	0.14	5	1.5	<0.2
1556730	Soil	25	0.45	111	0.035	1	1.40	0.005	0.06	0.2	0.02	2.0	0.1	<0.05	5	<0.5	<0.2
1556731	Soil	27	0.42	238	0.022	2	1.58	0.005	0.06	0.2	0.02	1.6	0.2	<0.05	6	<0.5	<0.2
1556732	Soil	27	0.43	107	0.034	1	1.62	0.005	0.06	0.2	0.05	2.1	0.1	<0.05	5	<0.5	<0.2
1556733	Soil	25	0.44	109	0.038	1	1.49	0.005	0.05	0.2	0.03	2.4	0.1	<0.05	5	<0.5	<0.2
1556734	Soil	26	0.36	143	0.024	1	1.33	0.005	0.06	0.2	0.03	1.4	0.1	<0.05	5	<0.5	<0.2
1556735	Soil	23	0.35	153	0.033	1	1.05	0.005	0.04	0.6	0.08	1.8	<0.1	<0.05	4	<0.5	<0.2
1556736	Soil	26	0.33	114	0.020	<1	1.09	0.004	0.05	0.3	0.05	1.1	0.1	<0.05	4	<0.5	<0.2
1556737	Soil	28	0.46	187	0.019	1	1.69	0.006	0.07	0.2	0.04	2.6	0.1	<0.05	5	0.8	<0.2
1556738	Soil	27	0.58	147	0.025	1	1.90	0.006	0.07	0.1	0.05	2.2	0.2	<0.05	5	0.5	<0.2
1556739	Soil	25	0.44	127	0.028	1	1.49	0.005	0.06	0.2	0.04	2.4	0.1	<0.05	5	0.6	<0.2
1556740	Soil	29	0.42	117	0.019	1	1.69	0.005	0.06	0.2	0.05	1.7	0.2	<0.05	5	0.7	<0.2
1556741	Soil	24	0.40	108	0.020	2	1.42	0.004	0.05	0.2	0.04	1.7	0.1	<0.05	5	0.9	<0.2
1556742	Soil	20	0.39	97	0.018	<1	1.26	0.005	0.05	0.1	0.02	1.8	0.1	<0.05	4	<0.5	<0.2
1556743	Soil	24	0.52	131	0.027	<1	1.69	0.006	0.07	0.1	0.03	2.0	0.2	<0.05	5	<0.5	<0.2
1556744	Soil	28	0.90	169	0.056	2	2.26	0.008	0.10	0.2	0.03	3.5	0.3	<0.05	6	<0.5	<0.2
1556745	Soil	31	0.46	127	0.026	<1	1.65	0.006	0.06	0.1	0.03	2.2	0.2	<0.05	5	<0.5	<0.2
1556746	Soil	26	0.40	154	0.032	<1	1.45	0.005	0.05	0.2	0.04	2.7	0.1	<0.05	4	<0.5	<0.2
1556747	Soil	28	0.41	116	0.022	1	1.55	0.005	0.04	0.1	0.04	1.8	0.1	<0.05	5	0.6	<0.2
1556748	Soil	25	0.47	194	0.043	<1	1.45	0.007	0.06	0.2	0.07	3.9	0.1	<0.05	4	<0.5	<0.2
1556749	Soil	19	0.33	96	0.023	1	1.02	0.004	0.04	0.2	0.03	1.6	0.1	<0.05	3	<0.5	<0.2
1556750	Soil	19	0.39	100	0.021	<1	1.22	0.004	0.04	0.1	0.04	1.7	<0.1	<0.05	4	<0.5	<0.2
1556751	Soil	21	0.39	101	0.029	<1	1.22	0.005	0.04	0.1	0.02	2.3	<0.1	<0.05	3	<0.5	<0.2

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	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
1556752	Soil	1.2	18.9	9.5	55	<0.1	16.3	5.2	191	2.18	15.0	2.2	1.0	11	0.1	0.6	0.2	39	0.11	0.047	14
1556753	Soil	0.9	22.8	8.6	61	<0.1	18.4	7.1	240	2.09	14.4	4.5	2.9	11	0.2	0.5	0.2	35	0.12	0.052	17
1556754	Soil	1.0	17.3	9.4	54	<0.1	15.1	5.4	198	2.17	17.1	2.1	1.2	10	0.1	0.6	0.2	38	0.09	0.048	17
1556755	Soil	1.0	16.2	8.3	44	<0.1	13.0	4.4	166	1.84	21.9	1.6	0.6	10	<0.1	0.4	0.2	35	0.10	0.046	13
1556756	Soil	0.4	17.8	12.5	61	<0.1	16.2	6.7	135	1.71	8.7	3.2	6.1	57	0.2	0.8	0.2	32	0.45	0.044	18
1556757	Soil	0.4	12.4	10.6	68	<0.1	17.0	9.4	377	1.89	6.4	1.5	4.5	69	0.2	0.6	0.2	31	0.62	0.054	15
1556758	Soil	0.2	17.4	10.2	55	<0.1	12.1	5.5	324	1.27	3.5	2.2	4.6	40	0.3	0.8	0.1	26	0.43	0.044	16
1556759	Soil	0.2	13.1	10.5	55	<0.1	14.6	5.5	130	1.33	3.3	2.5	4.4	33	0.2	0.7	0.2	26	0.35	0.044	16
1556760	Soil	0.5	16.7	10.4	54	<0.1	16.3	6.8	178	1.74	7.0	2.0	4.0	56	0.4	0.8	0.2	28	0.55	0.058	16
1556761	Soil	0.6	26.4	14.6	57	<0.1	24.5	9.7	286	2.39	9.6	3.1	9.1	28	0.2	1.2	0.2	24	0.37	0.048	27
1556762	Soil	0.6	21.1	11.9	54	<0.1	20.2	7.1	286	1.99	8.2	2.0	7.5	24	0.1	1.0	0.2	23	0.31	0.052	24
1556763	Soil	0.2	17.1	11.6	42	<0.1	15.5	7.2	168	1.54	6.4	3.4	5.6	28	0.1	0.7	0.2	26	0.35	0.046	21
1556764	Soil	0.7	19.4	15.2	55	<0.1	19.6	8.8	298	2.26	10.9	1.8	6.2	31	<0.1	1.1	0.2	27	0.38	0.050	21
1556765	Soil	0.7	24.1	13.5	50	<0.1	23.0	10.0	246	2.23	9.7	2.2	6.5	33	0.1	1.1	0.2	29	0.37	0.048	22
1556766	Soil	0.7	23.9	14.6	53	0.1	23.7	9.6	253	2.30	10.1	1.2	7.6	31	0.2	1.2	0.2	29	0.37	0.050	24
1556767	Soil	0.6	28.1	13.0	60	0.1	26.8	10.2	411	2.51	10.6	2.4	8.6	27	0.1	1.4	0.2	27	0.32	0.053	28
1556768	Soil	0.9	15.8	12.8	44	<0.1	17.7	7.5	273	2.19	8.7	2.8	6.3	18	<0.1	0.6	0.2	40	0.21	0.033	23
1556769	Soil	0.6	20.2	11.7	45	<0.1	19.8	7.4	243	2.18	8.4	4.0	8.2	12	<0.1	1.1	0.2	27	0.11	0.023	26
1556770	Soil	0.3	15.8	10.9	42	<0.1	16.0	7.4	303	1.82	5.5	2.1	7.3	9	<0.1	0.9	0.2	13	0.11	0.035	31
1556771	Soil	0.5	18.9	10.5	46	<0.1	19.2	7.6	238	1.91	7.0	2.6	6.1	14	<0.1	0.9	0.2	26	0.14	0.033	20

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	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
1556752	Soil	22	0.38	88	0.023	<1	1.32	0.004	0.04	0.2	0.04	1.6	0.1	<0.05	4	<0.5	<0.2
1556753	Soil	22	0.40	96	0.029	<1	1.33	0.005	0.05	0.2	0.04	2.3	0.1	<0.05	4	<0.5	<0.2
1556754	Soil	22	0.38	103	0.020	<1	1.30	0.004	0.04	0.1	0.05	1.4	<0.1	<0.05	4	<0.5	<0.2
1556755	Soil	19	0.32	72	0.019	<1	1.06	0.005	0.04	0.2	0.04	1.0	<0.1	<0.05	4	<0.5	<0.2
1556756	Soil	19	0.34	391	0.011	<1	1.12	0.007	0.06	0.1	0.04	2.9	0.1	0.05	3	<0.5	<0.2
1556757	Soil	20	0.35	383	0.014	<1	1.11	0.008	0.06	0.1	0.04	2.9	<0.1	0.06	3	<0.5	<0.2
1556758	Soil	17	0.29	275	0.013	<1	0.96	0.006	0.05	0.1	0.06	2.7	<0.1	0.05	3	0.6	<0.2
1556759	Soil	20	0.33	330	0.014	1	1.12	0.007	0.05	0.1	0.04	2.7	0.1	<0.05	4	<0.5	<0.2
1556760	Soil	18	0.31	333	0.012	<1	1.03	0.007	0.05	0.2	0.05	2.8	<0.1	<0.05	3	<0.5	<0.2
1556761	Soil	17	0.35	232	0.019	<1	1.08	0.007	0.09	0.1	0.07	2.7	<0.1	<0.05	3	<0.5	<0.2
1556762	Soil	17	0.33	221	0.017	<1	0.94	0.007	0.08	<0.1	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
1556763	Soil	16	0.30	223	0.012	<1	0.99	0.006	0.06	0.2	0.04	2.3	<0.1	<0.05	3	<0.5	<0.2
1556764	Soil	18	0.31	264	0.010	1	1.12	0.006	0.07	0.1	0.04	2.4	<0.1	<0.05	3	<0.5	<0.2
1556765	Soil	18	0.32	345	0.009	<1	1.18	0.006	0.07	0.1	0.06	2.9	<0.1	<0.05	3	<0.5	<0.2
1556766	Soil	19	0.33	337	0.009	1	1.21	0.006	0.07	0.1	0.06	2.8	<0.1	<0.05	3	<0.5	<0.2
1556767	Soil	19	0.36	312	0.015	2	1.25	0.007	0.10	0.1	0.05	3.2	<0.1	<0.05	3	<0.5	<0.2
1556768	Soil	22	0.36	286	0.023	1	1.33	0.007	0.06	0.2	0.04	3.7	<0.1	<0.05	4	<0.5	<0.2
1556769	Soil	19	0.35	178	0.018	<1	1.25	0.006	0.07	0.1	0.05	3.2	<0.1	<0.05	3	<0.5	<0.2
1556770	Soil	11	0.31	131	0.011	2	0.87	0.005	0.07	<0.1	0.03	2.0	<0.1	<0.05	2	<0.5	<0.2
1556771	Soil	17	0.33	152	0.020	<1	1.02	0.005	0.06	0.2	0.02	2.3	<0.1	<0.05	3	<0.5	<0.2

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Method Analyte Unit MDL		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		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
Pulp Duplicates																					
1500836	Soil	1.0	31.5	15.2	60	0.1	26.9	9.5	300	2.60	15.4	1.7	8.5	32	0.1	5.2	0.2	31	0.41	0.060	28
REP 1500836	QC	1.0	31.0	15.1	59	<0.1	27.1	9.4	296	2.56	14.8	2.4	8.2	31	0.1	5.2	0.3	30	0.39	0.060	26
1556503	Soil	1.1	46.9	31.7	57	<0.1	46.0	15.5	1465	3.15	4.1	2.5	29.7	15	<0.1	0.7	0.4	16	0.13	0.020	51
REP 1556503	QC	1.1	48.2	31.8	58	<0.1	45.1	15.6	1466	3.11	4.2	3.0	30.3	16	0.1	0.9	0.4	17	0.13	0.020	52
1556539	Soil	0.7	28.2	14.1	60	0.1	23.9	9.1	681	2.19	10.8	17.1	3.3	71	0.4	1.5	0.2	25	0.81	0.073	17
REP 1556539	QC	0.7	26.7	13.6	61	0.1	22.7	9.2	699	2.22	10.7	4.2	3.1	69	0.5	1.5	0.3	26	0.82	0.073	18
1556575	Soil	1.4	41.6	6.4	57	<0.1	24.0	7.8	270	2.10	9.5	8.9	2.9	12	0.1	0.7	<0.1	39	0.16	0.063	15
REP 1556575	QC	1.3	42.4	6.5	56	<0.1	25.3	8.4	274	2.22	9.5	4.2	2.9	12	0.5	0.7	0.1	37	0.16	0.067	15
1556611	Soil	0.9	17.4	7.9	53	<0.1	18.1	6.1	262	1.94	8.0	5.8	1.9	8	0.3	0.7	0.1	39	0.08	0.049	13
REP 1556611	QC	1.0	17.4	8.0	51	<0.1	16.9	6.2	278	2.00	9.1	1.7	1.8	8	0.3	0.7	0.1	39	0.09	0.049	13
1556647	Soil	0.3	12.5	10.2	51	<0.1	14.8	6.2	101	1.79	7.6	2.7	4.2	29	0.1	0.7	0.1	39	0.37	0.056	14
REP 1556647	QC	0.5	12.3	10.2	55	<0.1	15.1	6.2	106	1.72	7.3	2.7	3.9	29	0.1	0.8	0.1	37	0.39	0.055	14
1556683	Soil	1.2	24.9	10.3	80	0.2	25.5	9.5	376	2.46	68.9	1.7	1.0	16	0.4	0.7	0.2	43	0.18	0.113	16
REP 1556683	QC	1.2	25.4	10.4	81	0.1	24.4	9.7	377	2.48	74.1	3.2	1.0	15	0.3	0.8	0.2	42	0.19	0.121	16
1556719	Soil	1.2	12.1	8.9	62	<0.1	14.1	5.8	260	1.87	12.4	2.4	0.3	15	0.3	0.5	0.2	47	0.13	0.070	13
REP 1556719	QC	1.4	12.5	9.1	64	<0.1	14.3	5.6	266	1.87	12.5	<0.5	0.3	14	0.4	0.6	0.2	45	0.13	0.068	13
1556755	Soil	1.0	16.2	8.3	44	<0.1	13.0	4.4	166	1.84	21.9	1.6	0.6	10	<0.1	0.4	0.2	35	0.10	0.046	13
REP 1556755	QC	1.0	15.6	8.6	47	<0.1	13.8	4.5	168	1.93	22.0	2.5	0.6	10	<0.1	0.5	0.2	35	0.10	0.048	14
Reference Materials																					
STD DS10	Standard	15.0	150.1	159.4	354	2.0	75.7	13.3	863	2.68	43.3	88.3	7.6	72	2.6	9.0	13.4	44	1.04	0.074	17
STD DS10	Standard	15.8	154.3	146.2	373	1.9	77.8	12.7	903	2.78	43.7	76.9	7.5	65	2.5	9.2	11.6	46	1.02	0.073	18
STD DS10	Standard	14.9	153.0	151.3	375	1.9	75.0	12.4	874	2.78	46.7	74.8	7.9	77	2.7	10.0	13.3	43	1.14	0.077	19
STD DS10	Standard	15.8	163.4	155.8	377	1.9	77.2	13.5	872	2.94	44.8	106.5	7.9	72	2.3	10.8	12.1	47	1.15	0.078	19
STD DS10	Standard	14.3	156.4	148.0	380	1.9	75.4	12.7	852	2.83	47.0	76.3	7.8	67	3.1	10.3	12.7	47	1.04	0.083	19
STD DS10	Standard	14.3	150.4	153.4	361	1.8	75.9	13.6	850	2.66	46.4	72.3	7.6	65	3.0	9.4	12.4	46	1.07	0.082	18
STD DS10	Standard	14.9	153.9	152.5	380	1.7	76.5	12.7	852	2.81	43.8	71.2	7.4	66	2.6	9.0	11.2	44	0.99	0.072	18
STD DS10	Standard	13.9	152.4	151.2	358	1.8	72.9	12.7	867	2.69	43.3	76.5	7.6	70	2.3	9.2	12.6	45	1.02	0.067	18
STD DS10	Standard	14.1	152.9	157.1	357	2.0	76.3	12.9	875	2.77	44.8	77.2	7.6	73	2.6	9.6	12.6	44	1.04	0.074	18

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		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
Pulp Duplicates																	
1500836	Soil	23	0.39	341	0.019	<1	1.18	0.009	0.05	0.2	0.07	3.9	<0.1	<0.05	4	<0.5	<0.2
REP 1500836	QC	22	0.37	320	0.018	<1	1.15	0.007	0.04	0.2	0.06	3.6	<0.1	<0.05	3	<0.5	<0.2
1556503	Soil	15	0.38	279	0.009	<1	1.15	0.005	0.08	<0.1	0.07	5.4	<0.1	<0.05	3	<0.5	<0.2
REP 1556503	QC	15	0.38	282	0.009	2	1.15	0.005	0.07	<0.1	0.06	5.0	<0.1	<0.05	3	<0.5	<0.2
1556539	Soil	18	0.32	288	0.013	1	1.05	0.006	0.04	0.1	0.12	2.5	<0.1	0.06	3	<0.5	<0.2
REP 1556539	QC	19	0.33	295	0.014	2	1.08	0.007	0.05	0.2	0.12	2.8	<0.1	0.08	3	<0.5	<0.2
1556575	Soil	24	0.34	82	0.042	1	1.17	0.006	0.03	0.2	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
REP 1556575	QC	25	0.35	86	0.038	<1	1.20	0.006	0.03	0.2	0.03	2.0	<0.1	<0.05	3	1.0	<0.2
1556611	Soil	19	0.27	68	0.030	1	1.01	0.005	0.03	0.3	0.06	1.6	<0.1	<0.05	3	<0.5	<0.2
REP 1556611	QC	21	0.27	69	0.030	<1	0.98	0.004	0.03	0.3	0.06	1.6	<0.1	<0.05	3	0.5	<0.2
1556647	Soil	20	0.35	242	0.016	2	1.16	0.007	0.04	0.2	0.04	2.6	<0.1	<0.05	4	<0.5	<0.2
REP 1556647	QC	20	0.35	249	0.017	2	1.18	0.007	0.04	0.2	0.05	2.7	<0.1	<0.05	4	<0.5	<0.2
1556683	Soil	24	0.46	92	0.028	1	1.47	0.006	0.06	0.3	0.03	1.9	0.1	<0.05	4	0.7	<0.2
REP 1556683	QC	24	0.46	94	0.027	<1	1.45	0.006	0.06	0.2	0.03	1.6	0.1	<0.05	4	<0.5	<0.2
1556719	Soil	23	0.30	165	0.022	<1	1.11	0.007	0.06	0.2	0.03	1.2	<0.1	0.05	5	<0.5	<0.2
REP 1556719	QC	23	0.30	167	0.022	2	1.12	0.006	0.06	0.2	0.02	1.3	0.1	0.06	5	<0.5	<0.2
1556755	Soil	19	0.32	72	0.019	<1	1.06	0.005	0.04	0.2	0.04	1.0	<0.1	<0.05	4	<0.5	<0.2
REP 1556755	QC	19	0.32	72	0.020	<1	1.07	0.004	0.04	0.2	0.03	1.1	0.1	<0.05	4	<0.5	<0.2
Reference Materials																	
STD DS10	Standard	55	0.78	338	0.080	6	1.03	0.066	0.33	3.3	0.32	3.2	5.2	0.30	4	2.1	5.3
STD DS10	Standard	54	0.77	368	0.082	6	1.06	0.064	0.32	3.5	0.28	2.9	5.2	0.18	5	2.2	4.9
STD DS10	Standard	54	0.83	371	0.081	7	1.11	0.068	0.34	3.5	0.32	3.5	5.3	0.30	5	2.2	5.6
STD DS10	Standard	60	0.81	367	0.083	7	1.07	0.069	0.34	3.5	0.29	2.7	5.1	0.29	4	2.2	5.8
STD DS10	Standard	56	0.78	374	0.083	8	1.05	0.068	0.35	3.5	0.28	3.1	5.4	0.27	5	2.0	5.1
STD DS10	Standard	54	0.75	356	0.084	7	1.02	0.064	0.32	3.3	0.28	2.8	5.2	0.26	4	1.9	4.9
STD DS10	Standard	57	0.75	345	0.076	7	1.08	0.060	0.31	3.4	0.27	2.9	5.0	0.23	4	2.4	4.8
STD DS10	Standard	55	0.75	344	0.081	5	1.02	0.061	0.31	3.2	0.27	3.1	5.1	0.28	4	1.9	5.0
STD DS10	Standard	56	0.81	371	0.080	6	1.08	0.066	0.34	3.2	0.30	3.3	5.1	0.34	4	2.2	5.3

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		AQ201 Mo ppm 0.1	AQ201 Cu ppm 0.1	AQ201 Pb ppm 0.1	AQ201 Zn ppm 1	AQ201 Ag ppm 0.1	AQ201 Ni ppm 0.1	AQ201 Co ppm 0.1	AQ201 Mn ppm 1	AQ201 Fe % 0.01	AQ201 As ppm 0.5	AQ201 Au ppb 0.5	AQ201 Th ppm 0.1	AQ201 Sr ppm 1	AQ201 Cd ppm 0.1	AQ201 Sb ppm 0.1	AQ201 Bi ppm 0.1	AQ201 V ppm 2	AQ201 Ca % 0.01	AQ201 P % 0.001	AQ201 La ppm 1
STD OXC109	Standard	1.5	35.9	11.5	42	<0.1	73.0	19.7	447	3.01	0.8	203.2	1.5	149	<0.1	<0.1	<0.1	49	0.66	0.107	13
STD OXC109	Standard	1.5	34.9	11.0	39	<0.1	72.0	19.1	413	2.91	0.7	204.2	1.5	136	<0.1	<0.1	<0.1	47	0.71	0.103	13
STD OXC109	Standard	1.5	34.5	11.3	39	<0.1	74.6	18.9	423	3.01	0.7	193.4	1.5	155	<0.1	<0.1	<0.1	47	0.79	0.099	13
STD OXC109	Standard	1.6	34.2	10.9	39	<0.1	73.2	19.8	409	2.84	0.9	200.3	1.5	141	<0.1	<0.1	<0.1	52	0.65	0.104	12
STD OXC109	Standard	1.4	36.1	11.6	40	<0.1	72.8	19.7	399	2.83	0.6	196.4	1.5	141	<0.1	<0.1	<0.1	52	0.72	0.114	13
STD OXC109	Standard	1.5	34.7	11.8	38	<0.1	70.1	19.8	393	2.89	<0.5	200.2	1.6	136	<0.1	<0.1	<0.1	49	0.68	0.118	13
STD OXC109	Standard	1.2	34.3	10.9	36	<0.1	71.6	19.6	380	2.78	1.2	187.7	1.4	128	<0.1	<0.1	<0.1	47	0.65	0.099	12
STD OXC109	Standard	1.5	35.5	11.1	38	<0.1	72.3	19.2	433	2.87	<0.5	191.7	1.5	153	<0.1	<0.1	<0.1	51	0.69	0.097	12
STD OXC109	Standard	1.6	33.2	11.1	39	<0.1	69.4	17.9	413	2.72	<0.5	199.6	1.5	145	<0.1	<0.1	<0.1	45	0.62	0.100	12
STD DS10 Expected		14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073	17.5
STD OXC109 Expected		201																			
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
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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		AQ201 Cr ppm 1	AQ201 Mg % 0.01	AQ201 Ba ppm 1	AQ201 Ti % 0.001	AQ201 B ppm 1	AQ201 Al % 0.01	AQ201 Na % 0.001	AQ201 K % 0.01	AQ201 W ppm 0.1	AQ201 Hg ppm 0.01	AQ201 Sc ppm 0.1	AQ201 Ti ppm 0.1	AQ201 S % 0.05	AQ201 Ga ppm 1	AQ201 Se ppm 0.5	AQ201 Te ppm 0.2
STD OXC109	Standard	61	1.38	57	0.387	<1	1.49	0.675	0.41	0.1	<0.01	1.3	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	57	1.43	56	0.372	3	1.55	0.644	0.40	0.2	<0.01	0.8	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	55	1.45	58	0.375	2	1.55	0.667	0.43	0.2	<0.01	1.1	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	59	1.38	57	0.379	<1	1.51	0.673	0.40	0.1	<0.01	0.6	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	59	1.38	59	0.360	1	1.51	0.648	0.39	0.2	<0.01	1.1	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	59	1.41	59	0.387	<1	1.46	0.629	0.42	0.2	<0.01	1.1	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	56	1.33	54	0.348	1	1.43	0.644	0.37	0.2	<0.01	0.8	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	59	1.32	55	0.380	<1	1.47	0.628	0.38	0.2	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	54	1.32	54	0.350	2	1.44	0.628	0.38	0.2	<0.01	1.1	<0.1	<0.05	5	<0.5	<0.2
STD DS10 Expected		54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01
STD OXC109 Expected																	
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
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
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

Report Date: 2014/10/16

Acme Analytical Laboratories Ltd.
Client Project #: WHI14000195
Your P.O. #: 8521

RESULTS OF ANALYSES OF SOLID

Maxxam ID		XS8944	XS8945	XS8946	XS8947	XS8948	XS8949	XS8950		
Sampling Date										
	Units	1500911	1500921	1500922	1500923	1500924	1500925	1500926	RDL	QC Batch
Bromine	ppm	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	3768840
Antimony (Sb)	ppm	0.3	0.2	0.3	1.2	0.3	1.9	0.9	0.1	3768840
Arsenic (As)	ppm	2.4	7.2	3.1	29.0	6.5	16.0	12.0	0.5	3768840
Barium (Ba)	ppm	100	<50	170	<50	530	<50	<50	50	3768840
Calcium (Ca)	ppm	<10000	20000	<10000	<10000	<10000	<10000	<10000	10000	3768840
Cerium (Ce)	ppm	10	16	40	6	29	8	3	3	3768840
Cesium (Cs)	ppm	<1	<1	<1	<1	2	<1	<1	1	3768840
Chromium (Cr)	ppm	9	17	38	17	57	30	41	5	3768840
Cobalt (Co)	ppm	2	<1	3	2	<1	<1	<1	1	3768840
Europium (Eu)	ppm	<0.2	0.2	0.3	<0.2	0.3	<0.2	<0.2	0.2	3768840
Gold (Au)	ppm	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.002	3768840
Hafnium (Hf)	ppm	2	2	11	7	6	14	5	1	3768840
Iridium (Ir)	ppm	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	3768840
Iron (Fe)	ppm	6500	8500	21400	277000	32500	72300	100000	100	3768840
Lanthanum (La)	ppm	4.6	7.3	18.0	3.9	14.0	3.9	1.9	0.5	3768840
Lutetium (Lu)	ppm	<0.05	0.06	0.21	0.11	0.25	0.16	0.08	0.05	3768840
Mercury (Hg)	ppm	<1	<1	<1	<1	<1	<1	<1	1	3768840
Molybdenum (Mo)	ppm	<1	<1	<1	<1	2	<1	<1	1	3768840
Neodymium (Nd)	ppm	<5	7	13	<5	11	<5	<5	5	3768840
Nickel (Ni)	ppm	<100	<100	<100	<100	<100	<100	<100	100	3768840
Rubidium (Rb)	ppm	<15	<15	33	<15	56	<15	<15	15	3768840
Samarium (Sm)	ppm	0.8	1.3	2.2	0.8	3.0	0.8	0.4	0.1	3768840
Scandium (Sc)	ppm	0.8	1.0	4.2	0.7	10.8	1.1	0.9	0.1	3768840
Selenium (Se)	ppm	<3	<3	<3	<3	<3	<3	<3	3	3768840
Silver (Ag)	ppm	<5	<5	<5	<5	<5	<5	<5	5	3768840
Sodium (Na)	ppm	4600	12000	25000	<100	1400	<100	<100	100	3768840
Strontium (Sr)	ppm	<500	<500	<500	<500	<500	<500	<500	500	3768840
Tantalum (Ta)	ppm	<0.5	<0.5	0.6	<0.5	0.6	<0.5	<0.5	0.5	3768840
Terbium (Tb)	ppm	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	0.5	3768840
Thorium (Th)	ppm	3.7	4.6	13.0	1.0	6.4	1.6	1.4	0.2	3768840
Tin (Sn)	ppm	<100	<100	<100	<100	<100	<100	<100	100	3768840
Tungsten (W)	ppm	<1	<1	<1	1	2	<1	<1	1	3768840
Uranium (U)	ppm	<0.5	0.7	1.9	0.9	1.6	2.2	1.2	0.5	3768840
Ytterbium (Yb)	ppm	0.2	0.3	1.2	0.7	1.5	0.9	0.4	0.2	3768840
Zinc (Zn)	ppm	<50	<50	100	400	<50	<50	<50	50	3768840
RDL = Reportable Detection Limit										
QC Batch = Quality Control Batch										

Report Date: 2014/10/16

Acme Analytical Laboratories Ltd.
Client Project #: WHI14000195
Your P.O. #: 8521

RESULTS OF ANALYSES OF SOLID

Maxxam ID		XS8951	XS8952	XS8953	XS8954	XS8955	XS8956	XS8957		
Sampling Date										
	Units	1500927	1500928	1500929	1500930	1500931	1500932	1500933	RDL	QC Batch
Bromine	ppm	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	3768840
Antimony (Sb)	ppm	0.5	2.1	<0.1	0.4	1.5	1.7	0.7	0.1	3768840
Arsenic (As)	ppm	7.8	57.0	1.1	1.1	19.0	14.0	27.0	0.5	3768840
Barium (Ba)	ppm	<50	<50	57	<50	95	55	<50	50	3768840
Calcium (Ca)	ppm	<10000	<10000	<10000	<10000	<10000	<10000	<10000	10000	3768840
Cerium (Ce)	ppm	5	7	13	10	17	11	31	3	3768840
Cesium (Cs)	ppm	<1	<1	<1	<1	<1	<1	<1	1	3768840
Chromium (Cr)	ppm	33	23	18	11	26	34	18	5	3768840
Cobalt (Co)	ppm	<1	15	<1	<1	<1	<1	<1	1	3768840
Europium (Eu)	ppm	<0.2	<0.2	<0.2	<0.2	<0.2	0.2	0.3	0.2	3768840
Gold (Au)	ppm	<0.002	0.013	<0.002	<0.002	0.002	<0.002	<0.002	0.002	3768840
Hafnium (Hf)	ppm	6	9	9	5	6	6	8	1	3768840
Iridium (Ir)	ppm	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	3768840
Iron (Fe)	ppm	93700	305000	4100	6500	66500	70100	41500	100	3768840
Lanthanum (La)	ppm	2.6	4.4	6.3	5.4	10.0	6.1	18.0	0.5	3768840
Lutetium (Lu)	ppm	0.09	0.13	0.13	0.07	0.12	0.10	0.11	0.05	3768840
Mercury (Hg)	ppm	<1	<1	<1	<1	<1	<1	<1	1	3768840
Molybdenum (Mo)	ppm	<1	<1	<1	<1	<1	<1	<1	1	3768840
Neodymium (Nd)	ppm	<5	<5	5	<5	9	6	13	5	3768840
Nickel (Ni)	ppm	<100	<100	<100	<100	<100	<100	<100	100	3768840
Rubidium (Rb)	ppm	<15	<15	<15	<15	<15	<15	<15	15	3768840
Samarium (Sm)	ppm	0.5	1.0	1.0	0.6	1.8	1.1	2.1	0.1	3768840
Scandium (Sc)	ppm	0.9	1.5	0.6	0.4	1.3	0.8	1.0	0.1	3768840
Selenium (Se)	ppm	<3	35	<3	<3	<3	<3	<3	3	3768840
Silver (Ag)	ppm	<5	<5	<5	<5	<5	<5	<5	5	3768840
Sodium (Na)	ppm	<100	<100	<100	<100	290	130	180	100	3768840
Strontium (Sr)	ppm	<500	<500	<500	<500	<500	<500	<500	500	3768840
Tantalum (Ta)	ppm	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	3768840
Terbium (Tb)	ppm	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	3768840
Thorium (Th)	ppm	1.5	1.7	1.8	1.1	1.8	1.3	1.5	0.2	3768840
Tin (Sn)	ppm	<100	<100	<100	<100	<100	<100	<100	100	3768840
Tungsten (W)	ppm	<1	<1	<1	<1	<1	<1	<1	1	3768840
Uranium (U)	ppm	1.0	1.6	0.7	<0.5	2.6	2.5	2.1	0.5	3768840
Ytterbium (Yb)	ppm	0.5	0.6	0.7	0.4	0.7	0.6	0.7	0.2	3768840
Zinc (Zn)	ppm	<50	<50	<50	<50	<50	<50	<50	50	3768840
RDL = Reportable Detection Limit										
QC Batch = Quality Control Batch										

Report Date: 2014/10/16

Acme Analytical Laboratories Ltd.
Client Project #: WHI14000195
Your P.O. #: 8521

RESULTS OF ANALYSES OF SOLID

Maxxam ID		XS8958		XS8959		XS8960	XS8961	XS8962	XS8963		
Sampling Date											
	Units	1500934	RDL	1500935	RDL	1500936	1500942	1500944	1500948	RDL	QC Batch
Bromine	ppm	<0.5	0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	0.5	3768840
Antimony (Sb)	ppm	0.8	0.1	1.1	0.1	0.4	0.3	0.2	0.3	0.1	3768840
Arsenic (As)	ppm	16.0	0.5	24.0	0.5	2.5	27.0	0.7	0.6	0.5	3768840
Barium (Ba)	ppm	<50	50	170	50	71	150	<50	60	50	3768840
Calcium (Ca)	ppm	<10000	10000	<10000	10000	<10000	16000	<10000	<10000	10000	3768840
Cerium (Ce)	ppm	10	3	13	3	10	25	4	5	3	3768840
Cesium (Cs)	ppm	<1	1	3	1	<1	<1	<1	<1	1	3768840
Chromium (Cr)	ppm	17	5	29	5	18	160	10	11	5	3768840
Cobalt (Co)	ppm	1	1	1	1	<1	20	2	2	1	3768840
Europium (Eu)	ppm	<0.2	0.2	<0.2	0.2	<0.2	0.8	<0.2	<0.2	0.2	3768840
Gold (Au)	ppm	<0.002	0.002	<0.002	0.002	<0.002	<0.002	<0.002	<0.002	0.002	3768840
Hafnium (Hf)	ppm	7	1	9	1	7	<1	<1	<1	1	3768840
Iridium (Ir)	ppm	<0.005	0.005	<0.005	0.005	<0.005	<0.005	<0.005	<0.005	0.005	3768840
Iron (Fe)	ppm	78600	100	41000	100	15300	43300	7900	10000	100	3768840
Lanthanum (La)	ppm	5.8	0.5	6.6	0.5	5.0	13.0	1.7	2.4	0.5	3768840
Lutetium (Lu)	ppm	0.10	0.05	0.15	0.05	0.10	0.13	0.06	<0.05	0.05	3768840
Mercury (Hg)	ppm	<1	1	<1	1	<1	<1	<1	<1	1	3768840
Molybdenum (Mo)	ppm	<1	1	<2.1	2.1	<1	<1	<1	<1	1	3768840
Neodymium (Nd)	ppm	<5	5	5	5	<5	14	<5	<5	5	3768840
Nickel (Ni)	ppm	<100	100	<100	100	<100	<100	<100	<100	100	3768840
Rubidium (Rb)	ppm	<15	15	<15	15	<15	<15	<15	<15	15	3768840
Samarium (Sm)	ppm	1.0	0.1	1.2	0.1	0.8	3.1	0.3	0.4	0.1	3768840
Scandium (Sc)	ppm	0.6	0.1	3.5	0.1	0.9	8.1	0.7	0.6	0.1	3768840
Selenium (Se)	ppm	<3	3	<3	3	<3	<3	<3	<3	3	3768840
Silver (Ag)	ppm	<5	5	<5	5	<5	<5	<5	<5	5	3768840
Sodium (Na)	ppm	160	100	380	100	150	6700	560	720	100	3768840
Strontium (Sr)	ppm	<500	500	<500	500	<500	<500	<500	<500	500	3768840
Tantalum (Ta)	ppm	<0.5	0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	0.5	3768840
Terbium (Tb)	ppm	<0.5	0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	0.5	3768840
Thorium (Th)	ppm	1.3	0.2	2.9	0.2	1.5	0.3	0.6	0.9	0.2	3768840
Tin (Sn)	ppm	<100	100	<100	100	<100	<100	<100	<100	100	3768840
Tungsten (W)	ppm	<1	1	<1	1	<1	<1	<1	<1	1	3768840
Uranium (U)	ppm	1.9	0.5	3.9	0.5	1.0	<0.5	<0.5	<0.5	0.5	3768840
Ytterbium (Yb)	ppm	0.6	0.2	0.9	0.2	0.5	0.9	0.4	0.2	0.2	3768840
Zinc (Zn)	ppm	74	50	<50	50	<50	170	<50	<50	50	3768840
RDL = Reportable Detection Limit											
QC Batch = Quality Control Batch											

Report Date: 2014/10/16

Acme Analytical Laboratories Ltd.
Client Project #: WHI14000195
Your P.O. #: 8521

RESULTS OF ANALYSES OF SOLID

Maxxam ID		XS8964	XS8965	XS8966	XS8967	XS8968	XS8969	XS8970		
Sampling Date										
	Units	1500954	1500955	1500957	1500958	1500959	1500961	1500962	RDL	QC Batch
Bromine	ppm	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	3768840
Antimony (Sb)	ppm	0.2	0.3	0.2	0.4	2.9	0.4	0.1	0.1	3768840
Arsenic (As)	ppm	12.0	1.4	2.0	6.5	4.3	1.1	0.6	0.5	3768840
Barium (Ba)	ppm	160	74	160	160	95	<50	86	50	3768840
Calcium (Ca)	ppm	12000	13000	<10000	<10000	210000	16000	31000	10000	3768840
Cerium (Ce)	ppm	28	47	24	19	18	<3	11	3	3768840
Cesium (Cs)	ppm	<1	<1	<1	<1	<1	<1	<1	1	3768840
Chromium (Cr)	ppm	29	14	18	27	13	9	12	5	3768840
Cobalt (Co)	ppm	9	5	8	6	40	1	4	1	3768840
Europium (Eu)	ppm	0.3	0.5	0.4	0.3	0.3	<0.2	0.3	0.2	3768840
Gold (Au)	ppm	<0.002	<0.002	0.100	<0.002	0.002	<0.002	<0.002	0.002	3768840
Hafnium (Hf)	ppm	2	<1	<1	2	2	<1	<1	1	3768840
Iridium (Ir)	ppm	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	3768840
Iron (Fe)	ppm	21100	12000	25500	21700	95800	10500	10000	100	3768840
Lanthanum (La)	ppm	15.0	20.0	12.0	5.8	7.5	1.2	5.6	0.5	3768840
Lutetium (Lu)	ppm	0.29	0.41	0.11	0.12	0.69	0.21	0.28	0.05	3768840
Mercury (Hg)	ppm	<1	<1	<1	<1	<1	<1	<1	1	3768840
Molybdenum (Mo)	ppm	<1	<1	<1	<1	<1	<1	<1	1	3768840
Neodymium (Nd)	ppm	11	15	9	5	6	<5	<5	5	3768840
Nickel (Ni)	ppm	<100	<100	<100	<100	<100	<100	<100	100	3768840
Rubidium (Rb)	ppm	38	<15	26	37	<15	<15	<15	15	3768840
Samarium (Sm)	ppm	2.3	2.7	1.9	1.0	1.1	0.3	0.8	0.1	3768840
Scandium (Sc)	ppm	3.7	1.4	2.4	3.4	4.4	0.5	1.7	0.1	3768840
Selenium (Se)	ppm	<3	<3	<3	<3	4	<3	<3	3	3768840
Silver (Ag)	ppm	<5	<5	<5	<5	<5	<5	<5	5	3768840
Sodium (Na)	ppm	6900	700	8200	5500	2000	290	1200	100	3768840
Strontium (Sr)	ppm	<500	<500	<500	<500	710	<500	<500	500	3768840
Tantalum (Ta)	ppm	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	3768840
Terbium (Tb)	ppm	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	3768840
Thorium (Th)	ppm	5.0	1.9	3.6	3.5	3.0	0.4	1.9	0.2	3768840
Tin (Sn)	ppm	<100	<100	<100	<100	<100	<100	<100	100	3768840
Tungsten (W)	ppm	<1	<1	<1	<1	<1	<1	<1	1	3768840
Uranium (U)	ppm	1.0	<0.5	0.6	0.5	1.4	<0.5	<0.5	0.5	3768840
Ytterbium (Yb)	ppm	1.8	2.3	0.8	0.7	4.3	1.1	1.5	0.2	3768840
Zinc (Zn)	ppm	58	<50	<50	<50	<50	<50	<50	50	3768840
RDL = Reportable Detection Limit										
QC Batch = Quality Control Batch										

Report Date: 2014/10/16

Acme Analytical Laboratories Ltd.
Client Project #: WHI14000195
Your P.O. #: 8521

RESULTS OF ANALYSES OF SOLID

Maxxam ID		XS8971	XS8972	XS8973		
Sampling Date						
	Units	1500964	1500965	1500952	RDL	QC Batch
Bromine	ppm	<0.5	<0.5	<0.5	0.5	3768840
Antimony (Sb)	ppm	0.4	0.1	0.2	0.1	3768840
Arsenic (As)	ppm	1.3	1.0	0.8	0.5	3768840
Barium (Ba)	ppm	410	62	67	50	3768840
Calcium (Ca)	ppm	15000	140000	120000	10000	3768840
Cerium (Ce)	ppm	51	11	11	3	3768840
Cesium (Cs)	ppm	<1	<1	<1	1	3768840
Chromium (Cr)	ppm	37	10	11	5	3768840
Cobalt (Co)	ppm	8	2	1	1	3768840
Europium (Eu)	ppm	0.5	<0.2	<0.2	0.2	3768840
Gold (Au)	ppm	<0.002	<0.002	<0.002	0.002	3768840
Hafnium (Hf)	ppm	4	<1	<1	1	3768840
Iridium (Ir)	ppm	<0.005	<0.005	<0.005	0.005	3768840
Iron (Fe)	ppm	23600	10000	10400	100	3768840
Lanthanum (La)	ppm	24.0	5.3	5.0	0.5	3768840
Lutetium (Lu)	ppm	0.15	0.14	0.14	0.05	3768840
Mercury (Hg)	ppm	<1	<1	<1	1	3768840
Molybdenum (Mo)	ppm	<1	<1	<1	1	3768840
Neodymium (Nd)	ppm	19	<5	<5	5	3768840
Nickel (Ni)	ppm	<100	<100	<100	100	3768840
Rubidium (Rb)	ppm	64	<15	<15	15	3768840
Samarium (Sm)	ppm	3.3	0.8	0.8	0.1	3768840
Scandium (Sc)	ppm	5.6	2.5	2.3	0.1	3768840
Selenium (Se)	ppm	<3	<3	<3	3	3768840
Silver (Ag)	ppm	<5	<5	<5	5	3768840
Sodium (Na)	ppm	5200	1500	1400	100	3768840
Strontium (Sr)	ppm	<500	<500	<500	500	3768840
Tantalum (Ta)	ppm	<0.5	<0.5	<0.5	0.5	3768840
Terbium (Tb)	ppm	<0.5	<0.5	<0.5	0.5	3768840
Thorium (Th)	ppm	5.8	1.2	1.2	0.2	3768840
Tin (Sn)	ppm	<100	<100	<100	100	3768840
Tungsten (W)	ppm	1	<1	<1	1	3768840
Uranium (U)	ppm	1.2	<0.5	<0.5	0.5	3768840
Ytterbium (Yb)	ppm	0.9	0.9	0.9	0.2	3768840
Zinc (Zn)	ppm	<50	<50	<50	50	3768840
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						

Report Date: 2014/10/16

Acme Analytical Laboratories Ltd.
Client Project #: WHI14000195
Your P.O. #: 8521

GENERAL COMMENTS

Mo results are interfered with by Mo production from U fission.

Results relate only to the items tested.

Report Date: 2014/10/16

Acme Analytical Laboratories Ltd.
Client Project #: WHI14000195
Your P.O. #: 8521

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Steven Simpson, Becquerel

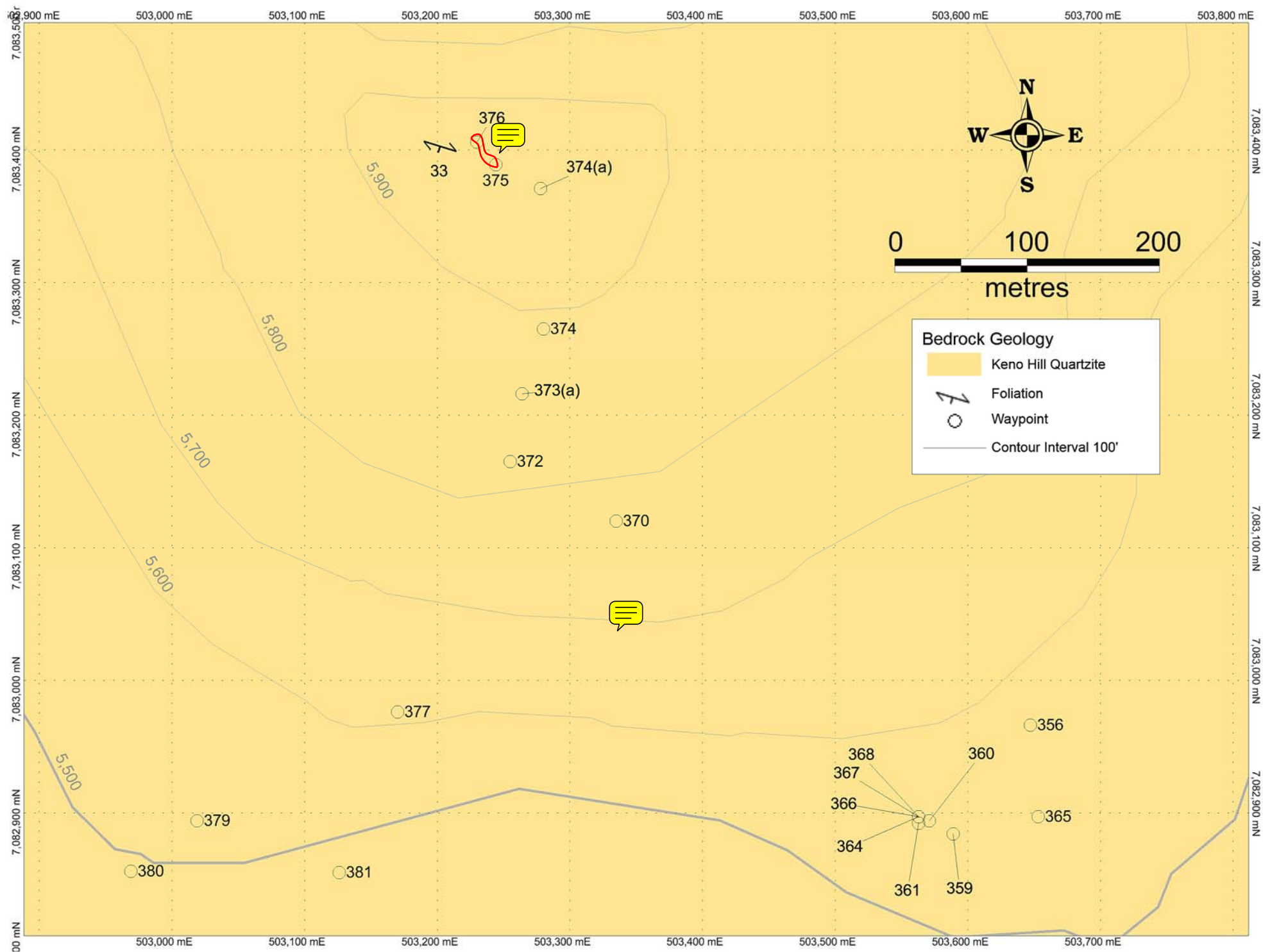
Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Appendix E

Mapping and Prospecting Observations

Way point	Date and time	Property	Easting	Northing	Elev (m)	Sample Number	Point Type (otcp-float)	Comments	strike (az)	Dip
356	Aug 30 2014	Roop	503647	7082966	1713	1500923	flt	float sample tag 1500923. Small bldr 30 x 20 x 20cm; dk mauve, vuggy, fine bk veinlets. Fine sand grains suggest host is qtzite.		
357	Aug 30 2014	Roop				1500924	flt	float sample tag 1500924. pink qtzite with qtz vein with iron oxide stain.		
359	Aug 31 2014	Roop	503589	7082884		1500925	flt	float sample tag 1500925. Small angular cobble with vein breccia, vugs, lim & hem stain; v.f.g. bk vein material forms ground mass around qtzite breccia frags. Similar cobbles in 10 x 8m area comprized of small rounded cobbles of qtzite with 10% portion of lim qtzite and vugs (after py?)		
359	Aug 31 2014	Roop	503589	7082884		1500926	flt	float sample tag 1500926. photo		
360	Aug 31 2014	Roop	503571	7082894	1695	1500927	flt	float sample tag 1500927. Cobble of brecciated qtzite with lim & goethite; bleached qtzite clasts. Photo		
361	Aug 31 2014	Roop	503563	7082892	1695	1500928	flt	float sample tag 1500928. cobble of brecciated vein material; abund goethite & lim. Same boulder cfield as 1500927		
362	Aug 31 2014	Roop					flt	no sample. Limonitic breccia float as above		
364	Aug 31 2014	Roop	503563	7082897	1693	1500929	flt	float sample tag 1500929; sugary, pale grey to white qtzite float		
365	Aug 31 2014	Roop	503653	7082897	1693		flt	no sample. Among typical qtzite bldrs are friable, bleached qtzite cobbles; also grey, red and pink friable qtzite cobbles.		
366	Aug 31 2014	Roop	503563	7082897	1693	1500930	flt	float of brecciated qtz vein in graphitic qtzite. Sample 1500930		
367	Aug 31 2014	Roop	503563	7082897	1693	1500931	flt	float sample 1500931. South end of new area of vein breccia float.		
368	Aug 31 2014	Roop	503563	7082897			flt	No sample. Approx western edge of brecciated vein float.		
370	Aug 31 2014	Roop	503335	7083120	1768		flt	No sample. Cobbles of vein breccia with lim & goethite		
372	Aug 31 2014	Roop	503255	7083165	1786		flt	abund qtzite float with large fold segments like roof tiles.		
373(a)	Aug 31 2014	Roop	503264	7083216	1786	1500932	flt	float sample 1500932. Large cobble of vein breccia with lim & goethite		
374(a)	Aug 31 2014	Roop	503278	7083371			flt	Cairn on top of mountain.		
374	Aug 31 2014	Roop	503280	7083265	1792		flt	No sample. Photo of banding in qtzite.		
375	Aug 31 2014	Roop	503244	7083389			otcp	Otcp f.g. qtzite on lip of west facing cirque		
	Aug 31 2014	Roop	50323	7083406	1798	1500933	flt	float samples 1500933; limonitic		
376	Aug 31 2014	Roop	50323	7083406	1798	1500934	flt	float samples 1500934; limonitic		

Way point	Date and time	Property	Easting	Northing	Elev (m)	Sample Number	Point Type (otcp-float)	Comments	strike (az)	Dip
376	Aug 31 2014	Roop	50323	7083406	1798		otcp	Otcp on lip of cirque extends 10m to SW. Pink qtzite with dark grey graphitic lams; f.g. to v.f.g.	107	33
377	Aug 31 2014	Roop	503170	7082976	1718		flt	No sample. Frost heave(?) of greenstone (diabase ?) with hem stain.		
378	Aug 31 2014	Roop	503156	7002971	1716		flt	Breakwater sample site 0128224; some diabase float nearby		
379	Aug 31 2014	Roop	503019	7082894	1690		flt	Between Wp377 & here is mixed pink qtzite & graphitic banded grey qtzite. At WP379 is mod amount of graphitic schist		
380	Aug 31 2014	Roop	502969	7082856			flt	end of traverse. Edge of steep slope. Dom float is grey lan qtzite followed by pink qtzite.		
381	Aug 31 2014	Roop	503126	7082855		1500935	flt	Sample 1500935. Boxwork in 30cm x 15cm x 20cm bldr of vein breccia; abund lim & goethite		
382	Aug 31 2014	Roop	503120	702868	1683	1500936	flt	Sample 1500936. limonitic breccia float.		



Appendix F

Statement of Expenditures

Item		Units	Unit Cost	Total expenditure
Contractors				
Geologist-John Adams	Days	3	\$650.00	\$1,950.00
Geologist-Tyrell Sutherland	Days	3	\$600.00	\$1,800.00
Sampling technician- Bradley Sutherland	Days	3	\$300.00	\$900.00
Field assistant- Gary Gordon	Days	3	\$300.00	\$900.00
Rentals				
Equipment	Days	3	\$200.00	\$600.00
Soil augurs x2, magnetic susceptibility meter, computer, gps x 4, first aid kit, stretcher, bear deterrents, consumables				
Toyota Tacoma	Days	3	\$125.00	\$375.00
Food	Days	3	\$57.00	\$171.00
Lodging,				
Mayo North Star Motel	Days	1	\$230.00	\$230.00
Helicopter				
Fireweed Helicopters Inc.	Hours	2.8	\$1,100.00	\$3,080.00
fuel	Liters	319.6	1.85	\$591.26
Data interpretation and report preparation				
Tyrell Sutherland	Days	3	\$600.00	\$1,800.00
John Adams	Days	0.5	\$650.00	\$325.00
Vern Rampton	Days	1	\$750.00	\$750.00
Travel to/from Whitehorse	trips	2	\$739.83	\$1,479.67
Sample analysis				
Acme Labs Inc.				
Soil assay cost	samples	117	\$18.95	\$2,217.15
Silt assay cost	samples	0	\$18.95	\$0.00
Rock assay cost	samples	14	\$29.25	\$409.50
Total assay cost				\$2,626.65
Total Expenditure				\$17,578.58
Number of claims				87
Expenditure per claim				\$202.05