

2011 GEOCHEMICAL and GEOLOGICAL REPORT on the CAR 1- 320 CLAIMS

(Work Performed: June10 – August 28th, 2011)

Claim Names: Grant No's

CAR 1 - 320 YD74103 – YD74423

MAYO MINING DISTRICT, YUKON TERRITORY
NTS: 106C/ 2, 3, 6 & 7

Latitude 64° 15' N
Longitude 133° 03' W

Owner & Operator:
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March 2, 2012

SUMMARY

The Car 1-320 claims, the subject of this report, are located approximately 115 kilometers northeast of Keno Hill, Yukon and 155 kilometers northeast of Mayo, Yukon. The claims comprise part of the Scarlet West property which in its entirety consists of 498 contiguous Yukon Quartz 'two post' claims; the Car 1-320 claims staked in the fall of 2010 and an additional 178 claims, the Lin 1 – 178 staked in the summer of 2011. Collectively the claims cover an area of approximately 10400 hectares (25,720 acres). The property is owned 100% by Rackla Metals Inc. and the work was carried out by Radius Gold Inc.

Radius Gold Inc. staked the Scarlet West property to cover favorable stratigraphy and structures capable of hosting Carlin type gold deposits near the prospective ground held by Atac Resources Ltd. in the Rackla Gold Belt. Subsequent work and research identified its potential to also host significant high grade lead - zinc replacement or Mississippi Valley Type deposits. The property covers several Mississippi Valley Type (MVT) sulfide occurrences known collectively (in the Yukon Minfile database) as the Tara occurrence. McIntyre Mines Ltd. discovered and explored these occurrences, including a small diamond drilling program, in the mid 1970's

Access to the property can be gained by helicopter based out of Mayo during the summer months. The nearest all weather road is in Keno Hill. Work in 2012 was helicopter supported based out of a camp located on the East Rackla River airstrip located less than three kilometers from the property.

The property is underlain a package of upright, gently folded, Neoproterozoic to Silurian age predominantly sedimentary rocks. These rocks form large exposures of dolomite and carbonate, underlain by lesser mafic volcanics, shales, siltstones and older limestone and dolomite units. They are interpreted to be slope-to-basin facies sedimentary strata and represent sediment accumulation in a spreading margin environment, deposited on the northwestern margin of ancient North America. In addition to MVT mineralization this transition zone is also marked by the Dawson and Kathleen Lake Thrust Faults, located about 15 km south of the property that juxtapose units and provide possible fluid conduits for a possible hydrothermal system(s). These fault structures are believed to bound the Carlin type occurrences (Osiris, Conrad, etc..) in the Nadaleen Trend, part of the Rackla Gold Belt, located less 25 kilometer to the southeast of the property. The regional fault structure on the north side of the Car property, cutting the Larry Occurrence and the White Ridge Zone, is approximately parallel to the Dawson and Kathleen Thrust Faults.

In addition to reconnaissance geological mapping a total of 39 rock samples, 111 stream sediment samples and 1136 soil samples were collected in 2011. Results from the rock samples returned less than 5 ppb gold but up to 3.43% lead and 2.91% zinc from the Discovery Zone. Soil samples contain up to 39 ppb gold along with anomalous pathfinder elements Tl (<74.49), Hg (<50ppm to upper detection limit), Sb (<51.52 ppm) and As (<403.9 ppm). The higher gold and most of the anomalous pathfinder values are from the White Ridge Zone and centered over an easterly trending fault and its splays on the north side of the property. Base metal values in soils are up to the 10,000 ppm for lead and zinc, the upper detection limit, while copper was up to 162 ppm. Silver values in soil samples are up to 2122 ppm.

Intermittent MVT mineralization follows a gently to moderately folded south to west dipping prospective dolomite unit that can be traced for over 12 kilometers. The Discovery, Chopper and White Ridge Zones are found on this trend and all have kilometer scale lead-zinc in soil anomalies. The Puddle Zone is presumed to be hosted by a lower dolomite unit. Strong structural control is observed at the White Ridge Zone and at the Larry Occurrence which are cut by the same high angle fault about five kilometers apart.

Mineralization found on the property in 2011 and based on the geochemical results and geological setting a number significant MVT deposits are possible. In addition the weakly anomalous gold and highly anomalous pathfinder element values in soil samples indicate the possibility of sedimentary hosted precious metal type deposit(s).

Proposed work consists of additional geochemical rock, soil and stream sediment surveys, geological mapping, prospecting and an airborne magnetic, electromagnetic and radiometric survey. Anomalous areas should be tested by trenching, if possible, followed by diamond drilling if results are encouraging.

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1.0 INTRODUCTION

The purpose of this report on the Car 1 – 320 claims (the Scarlet West property) is to describe the 2011 work program and results to fulfill Yukon assessment requirements. Work between June 10 and August 28, 2011 consisted of reconnaissance rock, stream sediment soil sampling and geological mapping. Upon receipt of the initial anomalous geochemical results an additional 178 claims (Lin 1 - 178) were staked in July and September 2011 and incorporated into the Scarlet West property. The report also describes the location, access, history and geological setting of the Car 1-320 claims and outlines a proposed exploration program to further explore the property for base and precious metals.

1.1 Location and Access

The Scarlet West property is located in the Mayo Mining District, in the Selwyn Mountains approximately 155 km east-northeast of Mayo, Yukon Territory. It straddles the East Rackla River, and is approximately 3 km north of the Rackla River airstrip where camp was located in 2011. The property covers NTS map sheets 106C/2, 3, 6 & 7 (Figure 1).

Access to the property can be gained by small fixed-wing aircraft from Whitehorse or Mayo to the Rackla River airstrip, and from there by helicopter to the property. Alternatively helicopters are available for charter at the Mayo airport. The Mayo airport is located in Mayo, Yukon Territory, 407 km by maintained 2-lane paved highway to the north of Whitehorse. Mayo is reached by taking the Klondike Highway (YT-2 N) from Whitehorse to Stewart Crossing, and highway YT-11 E from Stewart Crossing to Mayo.

From Whitehorse, daily jet airplane service can be gained to Vancouver, British Columbia, and other points south.



RACKLA
METALS INC

Scarlet West, Yukon
Location

Scale: 1:5,000,000

Figure: 1
Date: 2012-02-27

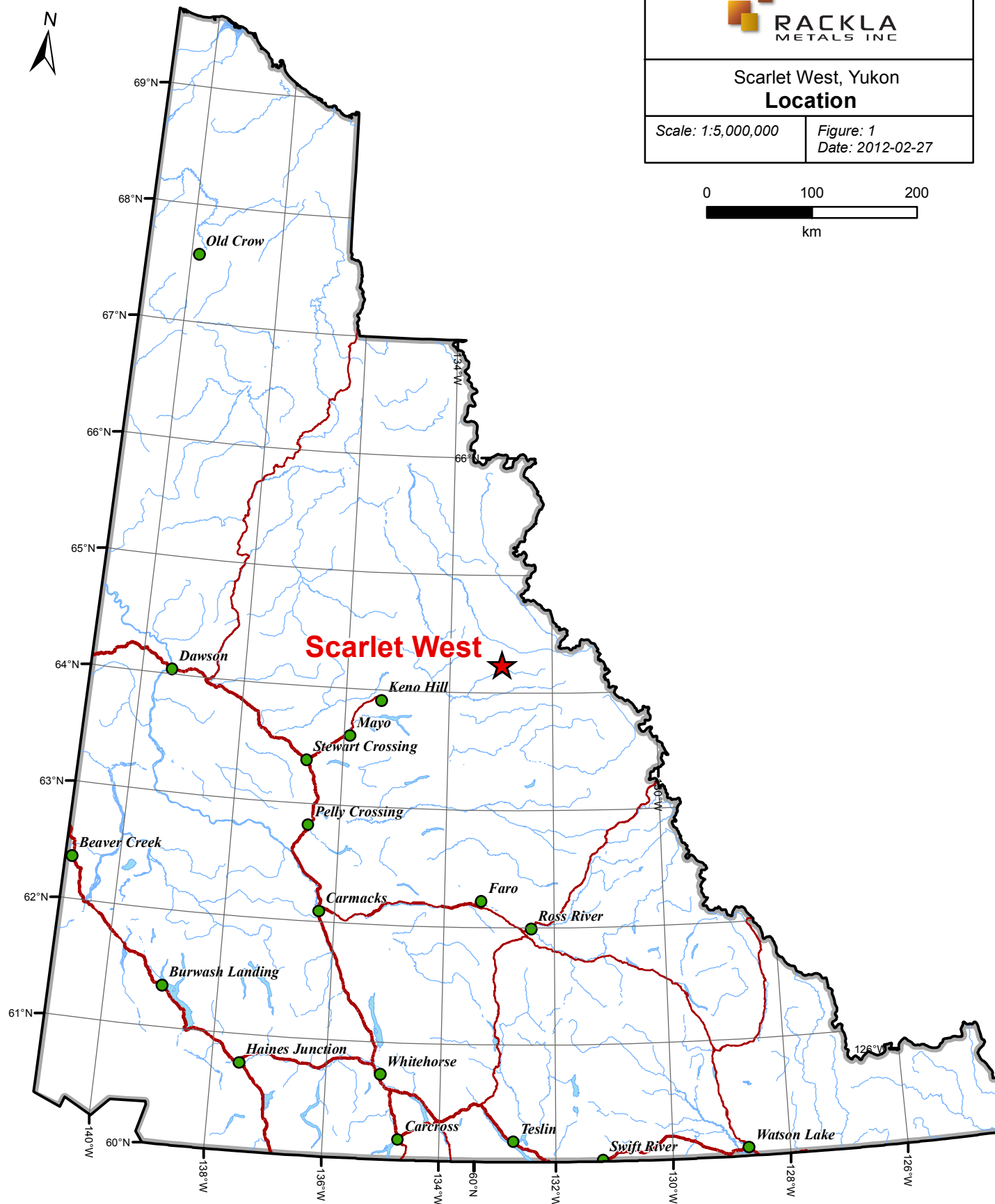
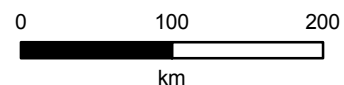




Plate 1. Crew photo at Rackla Airstrip, looking easterly with Nadaleen Mountain in background, from left to right: Max Beaudet, Jeff Burke, Larry Brault, Paul Greenwood, Samantha Dyck, Sam Plant, Francois Tremblay Chris McKnight, Philippe Michel, Roger Hulstein, Dan Sharpe and Megan Melanson.

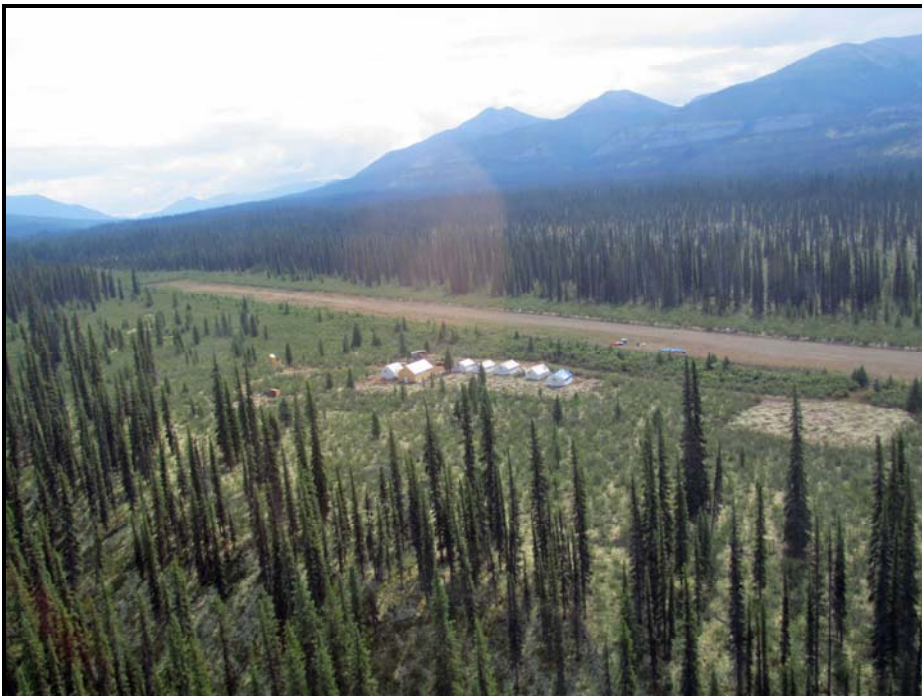


Plate 2. 2011 Radius Gold tent camp with Rackla airstrip in background, looking southeast.

1.2 Topography, Vegetation and Climate

Terrain in the region is rugged and mountainous, with elevations ranging from about 900 m above sea level on the East Racka River to 2210 m on Nadaleen Mountain, the highest point on the property. The hillsides are steep with numerous cliffs and scree slopes composed of a veneer of locally-derived colluvium and talus. Drainages range from incised and steep to broad gentle 'U' shaped glacially scoured valleys. The property drains into the East Rackla and Nadaleen River, which are part of the Yukon River drainage system.

Vegetation in the valley bottoms consists of alders and often thick black spruce. The higher elevations are treeless, with alpine plants, moss, and small alders and buck brush dominating the lower slopes below treeline at approximately 1250 m elevation. Both black and grizzly bears are common, as are caribou and moose.

Climate is sub-arctic, characterized by cool, short summers with temperatures between 5 °C and 20 °C, and long, cold winters, with temperatures frequently below -30 °C. The window for exploration is generally between June and September.

Alluvium in the valleys is mostly locally derived. Hillsides are covered with a veneer of colluvium also locally derived. In the valley bottom, northerly facing slopes and poorly drained areas, permafrost is a consideration and can pose a serious hindrance to exploration.

Rock outcrop in the area is restricted to cliffs, ridges, small cliffs and creek bottoms.

1.3 History

The region surrounding the Car property has been explored for base metals since the mid-1970s, and several occurrences are documented in Yukon Minfile reports. The property covers the McKelvie occurrence (Yukon Minfile, 106C 065), explored by McIntyre Mines Ltd. (Birkeland, 1976). The occurrence is plotted as four separate locations over a distance of eight km. The property was first staked as the Tara claims in 1975 by McIntyre Mines Ltd. They explored with mapping, geochem surveys and 3 BQ size diamond drill holes (742.8 m) in 1975 and drilled five Winkie size drill holes (74.1 m) in 1975. The next recorded work McIntyre did was minor hand trenching in 1977 (Yukon MINFILE, 2011). In 2011 Radius personnel noted evidence of drilling (pipe, timbers) at the Discovery and Puddle Zones (both part of the McKelvie Minfile Occurrence).

In 1979 McIntyre entered a joint venture in 1979 with Canadian Superior Exploration Ltd. but it is not know if any work was done on the property. At about this time McIntyre Mines terminated their lead – zinc exploration program and sometime after this the

Tara claims were allowed to lapse (Yukon MINFILE, 2011). McIntyre Mines was acquired by Falconbridge Limited in 1989.

Prism Resources Ltd restaked the Discovery Zone, located about 2.4 km south of Tara Lake (part of McKelvie Minfile occurrence), with the Nadaleen I-16 claims in July 1981 and carried out a geochemical soil sample program the same year that confirmed the work done by McIntyre Mines (Yukon MINFILE, 2011).

McIntyre Mines discovered numerous carbonate-hosted sphalerite-galena showings that they described as Mississippi Valley Type (MVT) occurrences. Due to difficult surface sampling conditions only individual mineralized float samples were reported (Birkeland, 1976). Values from mineralized float grading > 5-10% combined lead-zinc were reported over significant strike lengths including over 300 m at the White Ridge Zone and several 100 m by 60 m showings at the Discovery Zone. Results from the 1975 diamond drilling are not given although Birkeland (1976) reported that pervasive zones of low grade mineralization exist at depth.

More recently, the region has seen renewed interest in gold exploration, with Atac Resources Ltd. staking a large position across the east-west informally-named Rackla belt. The Osiris, Conrad and Eaton showings are located about 30 – 35 km to the east-southeast of the eastern edge of the Car property. Highlights from the 2010 and 2011 exploration drill programs on these showings include: 44.2 m of 4.41 ppm Au (Osiris) and 44.15 m of 7.33 ppm Au (Conrad) (Atac news releases; Nov. 23, 2011 and Dec. 13, 2012). The showings have been interpreted as being true Carlin-type, and the possibility of a new Carlin-type district in the Selwyn Basin sparked a staking and exploration rush in 2010 and 2011.

In the same Rackla belt a number of lead-zinc silver occurrences have been located and explored since the 1970's. Significant lead-zinc +/- silver occurrences includes the Craig (MVT), Rusty Mountain (Vera Minfile occurrence, silver-lead-zinc vein), Goz (MVT), Blende (MVT) and numerous smaller MVT and vein type occurrences. These occurrences and the recent Carlin type discoveries, all share the common feature of being located on the margin of ancient North America on the slope to basin transition.

The Car 1-320 claims were staked by Radius Gold Inc. in 2010, as the significance of the Atac Resources discoveries at Osiris, Isis, and Conrad had begun to be understood. The property was explored for Carlin-type gold systems and structurally controlled Mississippi Valley type (Pb-Zn-Ag deposits) in the summer of 2011. Radius staked the adjoining Lin 1-178 claims in July and August 2011 following the receipt of encouraging geochemical results that are described in this report. Together the Car and Lin claims comprise the Scarlet West property.

Radius subsequently spun out its Yukon portfolio of properties, including the Scarlet West property, into a new corporation, Rackla Metals Inc., in the fall of 2011. The work described in this report was conducted by Radius prior to the spin-out.

1.4 2011 Work Program

The 2011 work program on the Scarlet West property was carried out by Radius Gold Inc. personnel and sub-contractors between June 10, 2011, and August 28, 2011. A 16 person exploration camp consisting of wall-tents and temporary wooden structures was established by Casselman Geological Services Ltd. under the direction of crew chief Laurant Brault. The camp site is located on the northeastern side of the Rackla airstrip, located approximately six km from the geographic centre of the Car property. Archer, Cathro & Associates (1981) Ltd., operators of the Atac Resources Ltd. projects, ran a large exploration camp located on the southwest side of the airstrip. Other nearby stake holders also used the airstrip as a staging point at various times during the summer.

Access to the property was by Bell 206BIII helicopter, provided by Peak Helicopters of Parksville, British Columbia. Provisions, equipment, and crew-changes were flown in from Whitehorse and Mayo by Alkan Air, operating a variety of chartered fixed-wing aircraft. Radius personnel designed and oversaw the work program, providing geologists and samplers, and Casselman Geological Services of Whitehorse, Yukon, built and operated the camp, provided the camp manager, cook, and soil sampling crews.

Following receipt of the encouraging geochemical results Radius contracted Casselman Geological Services Ltd. to stake the additional Lin 1-178 claims in July and August 2011. The Lin claims were staked primarily north and east of the Car claims to cover the prospective geology and geochemical stream sediment and soil sample geochemical results.

In 2011 Grant Abbott (geologist formerly with the Yukon Geological Survey) mapped the Car property at a reconnaissance scale over the course of a two-day site visit (June 25, 27, 2011). Mapping was facilitated by maps from Birkeland (1976), good weather, abundant exposure and a relatively undeformed stratigraphic package.

On June 28, 2011 geological engineer Robert Stroshein, P.Eng. examined the property and later wrote a 43-101 report (Stroshein, 2011) on the property for Radius Gold Inc. to facilitate the 'spin out' and formation of Rackla Metals Inc.

Late in 2011 a helicopter-borne magnetic and radiometric survey, contracted to Precision Geophysics, of Vancouver, British Columbia, was flown over portions of the property. Results of the survey are not included in this report.

Hand-held GPS receivers (Garmin GPSmap 60CSx) were used to plot locations of rock, stream sediment and soil samples, claim posts and other features (approximate +/-5m accuracy). Geochemical samples were shipped to Acme Analytical Laboratories (Vancouver) Ltd. preparation laboratory in Whitehorse and prepared pulps were analyzed in their Vancouver laboratory.

1.5 Claim Status

The Scarlet West property, consisting of the combined Car 1-320 and Lin 1-178 (498 claims in total) unsurveyed contiguous two-post Yukon 'Quartz' claims cover an area of approximately 10400 hectares (25,720 acres) (Figure 2). The claims were staked according to the Yukon Quartz Mining Act and are located in the Mayo Mining District. They are shown on claim sheets 106C/2, 3, 6 & 7 and are available for viewing at the Mayo Mining Records Office. The claims listed below (Table 1) are registered in the name of Rackla Metals Inc. and are owned one hundred percent by the company.

The Car 1-320 were staked in September 2010 and the Lin 1-178 in July and August 2011. Only the work done on the Car 1-320 claims to August 28, 2011 is described in this report.

Table 1. List of Claims

Claim Name	Grant Number	Expiry Date
CAR 1 - CAR 217	YD74103 - YD74319	March 29, 2014*
CAR 218 - CAR 320	YD74321 - YD74423	March 29, 2014*
Lin 1 – Lin 98	YD92001 - YD92098	July 26, 2012
Lin 99 – Lin 178	YD23099 - YD23178	August 30, 2012

*Subject to acceptance of this report.

The claims shown on Figure 2 are plotted as per coordinates obtained by a GPS receiver (Garmin GPSmap 60CSx) with an estimated +/- 5 m accuracy.

2.0 REGIONAL GEOLOGY AND MINERALIZATION

The Car property lies in the northeastern part of the Selwyn Basin, a paleo-geographic feature consisting of Neoproterozoic to Paleozoic slope-to-basin facies sedimentary strata. These represent sediment accumulation in a spreading margin environment, deposited on the northwestern margin of ancient North America. They have been interpreted as the slope-to-basin sediments on the lower plate of an asymmetric rift system associated with the breakup of the Rodinia supercontinent, (cf. Lister et al., 1986) and range from deep water shales, turbidite sequences, to transitional carbonate shelf sediments. Basement rocks are presumed to be thinned continental crust (Armstrong, 1988).

The Selwyn Basin rocks are variably folded and faulted and merge to the northeast with the Mackenzie platform foreland fold-and-thrust belt, representing the furthest inboard components of the passive margin sediments over thrust onto the North American craton, and to the southwest are juxtaposed to the accreted and dextrally offset Yukon - Tanana and Cassiar terranes (Mair et al., 2005).

Orogeny commenced in the Late Jurassic, with the closure of the passive margin basin and with the collision of the allochthonous units of the composite Yukon-Tanana terrane with the North American margin. Folding and thin-skinned thrust sheets accompanied by intense internal deformation were developed within the Selwyn Basin rocks (possibly in part along pre-existing extensional structures), the most important of which are, from north to south, the Dawson, Tombstone, and Robert Service thrust faults.

The Dawson thrust, which marks the transition between the Mackenzie Platform and the Selwyn Basin, is thought to represent a major pre-thrust deformation basin-bounding structure (Templeman-Kluit, 1981) and the locus of significant lead-zinc+/-silver mineralization. This thrust fault also marks the southern boundary of the informally named Rackla Gold Belt northeast of Mayo where a number of sediment hosted gold+/-silver deposits and occurrences (Tiger, Ocelot, Conrad and Osiris) have recently been discovered (Atac Resources Ltd., March 1, 2012 News Release).

As described by Stroshein (2011);

Sedimentary Hosted Gold Deposits (SHGD) are most famously known as Carlin-Type Gold Deposits. Carlin-Type deposits are characterized by relatively high gold-silver with enrichment in arsenic, antimony, mercury and thallium. Gold occurs as submicron-sized particles in iron sulphide. The deposits are generally hosted by Paleozoic carbonate rocks controlled by deep-seated likely ancient structures. The deposits are formed in low temperature and low pH environments with ore bearing fluids a mixture of meteoric and magmatic or metamorphic water.

In addition to the recently discovered sediment hosted gold+/-silver deposits and occurrences, Mississippi Valley-Type (MVT) deposits are also found around the

Legend

— Faults

Intermontane

ST - Stikinia

QN - Quesnellia

YT - Yukon-Tanana

SM - Slide Mountain

Ancestral N America

CA - Cassiar

NAb - NA basinal

NAp - NA platform

NAC - NA craton & cover

0 30 60

km

Modified from Yukon Geological
Survey Terrane map 2011



NAC

NAb

NAp

Scarlet West



Keno Hill

Mayo

Stewart Crossing

Belly Crossing

Tintina

CA

SM

SM

YT

ST

QN

Carmacks

Testin



RACKLA
METALS INC

Scarlet West, Yukon
Regional Geology

Scale: 1:2,000,000

Figure: 3

Date: 2012-02-27

136°W

134°W

132°W

65°N

64°N

63°N

62°N

margins of deep-water shale basins such as the Selwyn Basin. As noted by Stroshein (2011), MVT deposits are epigenetic, low-temperature, stratabound deposits of galena, sphalerite, pyrite and marcasite, with associated dolomite, calcite and quartz gangue in platformal carbonate sequences having primary and secondary porosity. Host rocks commonly form in shallow water, particularly tidal and sub-tidal marine environments. Reef complexes may be developed on or near paleotopographic basement highs. The majority of deposits are found around the margins of deep-water shale basins such as the Selwyn Basin. Typical deposits of the MVT in Yukon are Goz (Minfile 106C 020), Blende (Minfile 106D 064) and Craig (Minfile 106C 073). The Goz deposit is located 22 kilometers north-northeast and the Craig deposit is located 20 kilometers southwest of the McKelvie occurrences on the Scarlet West property.

Orogenesis was ongoing into the Cretaceous; magmatism followed, emplacing plutons and volcanic units in both the Yukon—Tanana terrane and the Selwyn Basin (Woodsworth et al., 1991).

The initiation of subduction of the Kula plate during the late Cretaceous introduced dextral stresses, which caused 400 - 500 km of orogen-parallel displacement along the Tintina fault, which separates the Yukon-Tanana exotic terranes from the Selwyn Basin rocks (e.g. Mortensen et al., 2000).

3.0 PROPERTY GEOLOGY

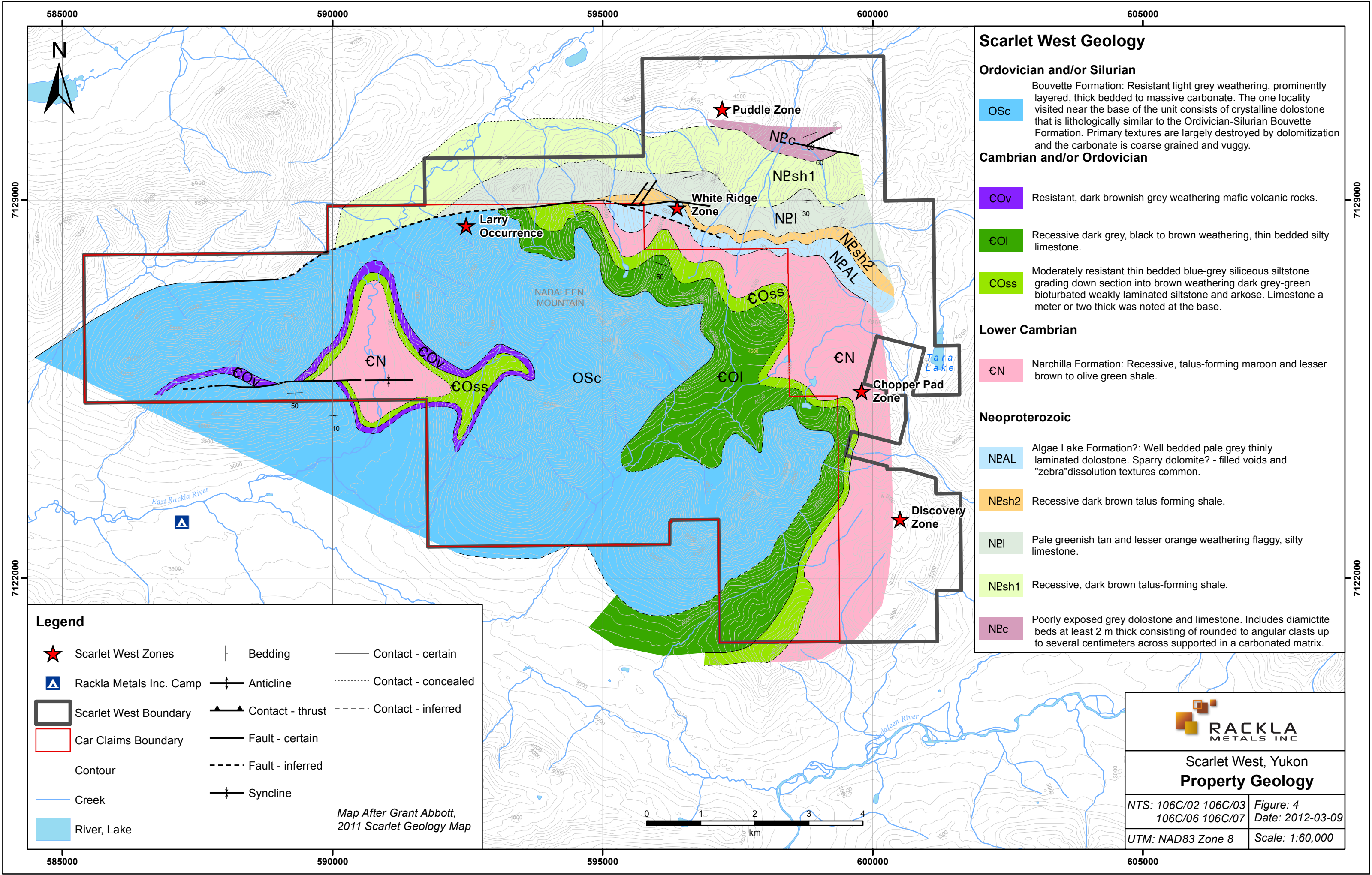
In 2011, the STW property was mapped by geologist Grant Abbott over the course of a two-day site visit on June 25th and June 27th, 2011 (Figure 4). He describes the geology as follows (Abbott, 2011):

The CAR claims are underlain by a sequence of sedimentary and minor volcanic rocks about 2 km thick that range in age from late Proterozoic to possibly as young as Silurian or Devonian. The sequence is somewhat unusual in that the Proterozoic rocks most closely resemble strata belonging to Selwyn Basin, whereas the lower Paleozoic strata belong to the Ogilvy Platform located along the northern margin of Selwyn Basin.

The Proterozoic sequence includes three carbonate units separated by shale. With the exception of the lowermost carbonate, these rocks may correlate with the Hyland Group sequence on the STW Claims. The lowermost rocks are poorly exposed limestone and dolostone of Unit NPc. Notable is the presence of diamictite in at least two beds more than 2 meters thick in which rounded to angular quartzite and carbonate clasts are supported in a carbonate matrix. Recessive dark brown shale (Unit nPsh1) overlies the carbonate and is in turn overlain by pale greenish tan and lesser orange weathering flaggy, silty limestone (Unit nPI). These carbonates may be correlative to units NPgl and NPol on the STW Claims. The carbonate is in turn overlain by a thin interval of recessive dark brown shale (NPsh2). The uppermost carbonate is tentatively correlated with the Algae Lake Formation and consists of well bedded pale grey, thinly laminated dolostone. Voids filled with sparry dolomite and “zebra” dissolution textures are common. The dolostone is overlain by recessive bright maroon shale correlated with the Narchilla Formation.

The Paleozoic sequence is well exposed on the northern and eastern flanks of Nadaleen Mountain, where it consists of three units. The lowermost (Unit COss) consists of moderately resistant brown weathering dark grey-green bioturbated weakly laminated siltstone and arkose that grades upsection into thin bedded blue-grey siliceous siltstone. About 2 meters of limestone was noted in one place at the base of the unit. The arkose sharply overlies the maroon shales of the Narchilla Formation, which markedly thins from east to west, suggesting an angular unconformity. Similar rocks have not been reported from nearby areas, but their overall stratigraphic position suggests a Cambrian or Ordovician age. The siltstones are overlain by recessive dark grey, black to brown weathering silty limestone of Unit OSI). These rocks lithologically resemble the Road River Group elsewhere in Ogilvie Platform, but they appear to underlie the Bouvette Formation whereas the Road River Group overlies the Bouvette, so they have not been assigned to it. The silty limestone are sharply overlain by a thick sequence of resistant prominently layered, thick bedded to massive carbonate. The unit consists of coarse grained vuggy dolostone in the one locality visited near the base. These rocks closely resemble the Ordovician-Silurian Bouvette Formation and they are correlated with it.

In the western part of the claim group a window through the Bouvette Formation exposes a slightly different sequence of underlying rocks than those described above. Most of the window is poorly exposed, but the one exposure of maroon shale seen from the air suggests that the oldest unit is the Narchilla Formation. One resistant outcrop near the maroon shale appears to be carbonate (Unit COc). These rocks were also only seen from the air and there is the possibility that they could be siliciclastic rocks of unit CSss. The carbonate unit is overlain by dark brownish-grey weathering mafic volcanic rocks. Given



the uncertain correlation of the underlying unit ϵ OC, it is unclear whether the volcanic rocks occur within the Bouvette Formation or if they are older.

The strata on the CAR Claims are weakly deformed. In the eastern portion of the claims they form an intact section that dips south with moderate dips in the north grading to gentle dips in the south. Farther west a steep normal fault and a few small splays cut the section along the northern margin of the claims. The fault juxtaposes Unit NPI on the north against progressively younger rocks going west.. Displacement ranges from 0 m at the eastern end to more than 200 m in the west. The window through the Bouvette Formation is a simple asymmetric anticline with moderate dips on the north limb and somewhat steeper dips on the south limb. A normal fault along the axis of the anticline has a displacement of about 100 m with the south side down.

Atac Resources have identified both the Dawson thrust and the regional (and parallel) Kathleen Lakes fault as important structures bounding the Osiris, Conrad, and Isis deposits. Both the faults should lie about 15 km to the south of the Car property. The Yukon Geological Survey is expected to map the area in detail in the summer of 2012, which will no doubt help future interpretations.

3.1 Mineralization

The Scarlet West property covers an area containing a number of MVT (Zn-Pb+/-Ag) showings described collectively as the McKelvie occurrence in Yukon Minfile (2011) (Figure 4). Birkeland (1976) names and describes the showings individually as the Discovery, Chopper Pad, Puddle and White Ridge Zones located along a 12.8 km mineralized strike length (of which approximately 9.8 km is on the property). Radius discovered an additional zone, the Larry occurrence, in 2011 that is controlled by a fault structure that can be traced for 5 km and connects to the White Ridge Zone (Figure 4). As the property does not cover most of the Chopper Pad Zone and the area was not examined in 2011 it will not be described further.

The Larry occurrence, exposed over an area of approximately 20 m by 30 m, consists of a fault controlled limonite – iron oxide cemented breccia and well fractured variably silicified dolomite with iron oxide filled fractures (Plates 3 and 4). Smaller similar limonitic breccias and fracture zones are found on an approximately east trending steeply dipping fault structure between the Larry occurrence and the White Ridge Zone. Minor amounts of remnant galena were noted in the limonite – iron oxide breccia.

Mineralization at White Ridge Zone, about four kilometers west of the Larry occurrence, consists of remnant galena and sphalerite in pieces of dark brown iron oxide float in a scree slope of Algae Lake Formation(?) dolomite. An east – west trending steeply dipping fault zone and northeast and southwest trending fault splays, based on juxtaposed lithologies, is projected to cross the zone and presumed to control mineralization as at the Larry occurrence. Zebra textured dolomite is fairly abundant in the area.

The geology of the Puddle Zone was not examined in 2011. Birkeland (1976) describes the mineralization at the Puddle Zone as coarse grained galena and sphalerite in fractures and recrystallized vugs. Apparently low grade (5%) mineralization was found over an 1800 m strike length hosted by a dolomite unit (likely map unit NPc). McIntyre Mines drilled three Winkie diamond drill holes on the Puddle Zone in 1975 (Figure 38, Birkeland, 1976). No results are available from this drilling.

The Discovery Zone consists of several showings of iron oxide – limonitic gossans (Plate 5) and an iron seep (Plate 6) located in the drainage east of the main showing on the ridge as shown on Figure 4. Mineralization observed in 2011 consisted of remnant fresh galena and sphalerite in the iron oxide – limonite material. Birkeland (1976) describes the mineralization as coarse crystalline galena and barite in fractures and open spaces along the upper contact of the Algae Lake Formation(?). McIntyre Mines drilled four diamond drill holes on the Discovery Zone in 1975 (Figure 6, Birkeland, 1976) but no results are available from this drilling.



Plate 3. Outcrop at Larry Occurrence, Jeff Burke for scale.



Plate 4. Iron oxide occurrences demarking fault zone at Larry occurrence (gossan outcrop shown in plate 3 in center of photo), looking ESE.



Plate 5. View of Discovery Zone, looking approximately south, drill pad timbers in small gully in center of ridge, west dipping maroon Narchilla shale on right side of photo.



Plate 6. Iron oxide seep located east and down slope of Discovery Zone.

Both Birkeland (1976) and workers in 2011 noted that surface mineralization has been leached by weathering and that representative surface sampling of individual showings was not possible due to poor exposures and severe weathering of the host rock. Diamond drilling below large gossan zones in 1975 (ie. Discovery Zone?) intersected sections of brecciated rock with a pyrite matrix (Birkeland, 1976). Pyrite concentrations were reported to be highest within the upper 15 m of the Algae Lake Formation and bitumen was also observed with well developed solution breccia zones in the Zebra rock.

4.0 GEOCHEMISTRY

A total of 1294 samples were collected: 1136 soils, 111 silt samples from stream sediments, 8 BLEG (bulk leach extractable gold) from stream sediments, and 39 rock hand samples from outcrop or float. Hand-held GPS units were used to record sample locations. Soil, stream, and rock samples were shipped to Acme Analytical's sample preparation facility in Whitehorse for preparation and processing, and forwarded to their Vancouver laboratory for analysis for all samples except the BLEG samples, which were analyzed at their laboratory in Santiago, Chile.

First pass sampling consisted of ridge and spur collection of soils. At elevations above treeline, very little O or A horizon soils exist, with most samples consisting of fine-grained talus material from uphill outcrop or subcrop, or more or less in place C horizon material. Below tree level, the generally thick organic cover made it difficult to obtain any kind of quality B or C horizon soil, so sampling in deep valleys is limited. The early summer soil sampling showed the property's potential, and a follow-up grid-based soil sampling program was carried out in July and August. The focus of the grid based sampling was the structure connecting the Larry Occurrence with the White Ridge Zone, the Puddle Zone as defined by McIntyre Mines (Birkeland, 1976) and the the Algae Lake Formation(?), the selectively mineralized unit, that underlies the Discovery Zone.

Sample line spacing varied between 100 m to 150 m and sample spacing on the lines was 50 m. All soil samples were obtained by either a mattock or hand auger, as required, stored in paper Kraft soil sample bags and dried at camp prior to shipping. All soil samples were sent to Acme Analytical's sample preparation facility in Whitehorse, Yukon, where they were dried at 60C and sieved to minus 80 mesh. Samples were analyzed in the Vancouver laboratory. A 15 gram aliquot were digested in Aqua Regia and analyzed for a 53 element suite by ICP-MS (Acme method code 1F05).

The geochemical results from soil samples collected by McIntyre Mines in 1975 (Birkeland, 1976) were digitized although the sample locations can only be considered approximate. Anomalous threshold values for these samples were not calculated and they were plotted using the same thresholds calculated for the samples collected in 2011.

Most drainages on the property were sampled for stream sediment silt samples. Stream sediment samples were collected from potential heavy mineral trap sites, wet sieved to minus 2 mm, and stored in plastic sample bags. In addition, BLEG (bulk leach extractable gold) samples were similarly collected in addition to the regular silt analysis at selected sites. BLEG samples were also screened to minus 2 mm. Both sample types were forwarded to Acme's preparation facility in Whitehorse, Yukon, where they were dried and stream sediment samples sieved to minus 150 mesh and the BLEG's to minus 80 mesh. Samples were analyzed in the Vancouver laboratory. A 30 gram aliquot was digested in Aqua Regia and analyzed for a 37 element suite by ICP-MS

(Acme method code 1F03). In addition, a 50 g aliquot was fused by lead collection fire assay and analyzed for Au by ICP-ES (Acme method code 3B01+3B04).

Rocks were collected from outcrop, subcrop and float. These were sent to Acme's sample preparation facilities in Whitehorse for crushing. Samples were pulverized to minus 200 mesh, and analyzed in the Vancouver laboratory. A 30 g aliquot was fused by lead-collection fire assay and analyzed for Au by ICP-ES finish (Acme method code 3B01). A 0.5 aliquot was digested in Aqua Regia and analyzed for a 36 element suite by ICP-MS (Acme method code 1DX1). Any overlimits were digested by hot 4-acid digestion, ICP-ES finish (Acme method code 7TD).

Geochemical results are discussed in "Section 4.1 Geochemical Results" of this report and analytical laboratory certificates are presented in Appendix A. A table of geochemical results, location and description for rock samples is given in Appendix B, soil samples in Appendix C, stream sediment and BLEG samples in Appendix D and summary geochemical statistics are included as Appendix E.

4.1 Geochemical Results

Rock samples from float and outcrop at the Discovery, White Ridge, Puddle Zones and Larry Occurrence returned anomalous values for lead and zinc (Figure 7b and 7c, zone locations shown on Figure 4). In addition samples from the Discovery zone contained anomalous amounts of copper (Figure 7d), thallium (Figure 8c) and mercury (Figure 8d). A rock sample from the easterly trending fault structure west of the White Ridge Zone (#1097557) contained 50 ppm mercury (the analytical upper limit) along with anomalous values for arsenic (Figure 8a), antimony, lead and zinc.

Rock samples (#1097551 – 1097556) consist of variably mineralized drill core collected from the collapsed core racks located at Tara Lake. Subsequently it was learned that most of this core likely comes from the nearby Craig mineral occurrence, explored and drilled by McIntyres Mines in the late 1970's. Presumably the core from the 1975 drill holes from the current Scarlet West property is also stored in the same core rack.

Analytical results from soil values returned anomalous values for lead and zinc (Figures 7b and 7c) from all zones mentioned above plus a number of additional elements (Table 2.). In general the anomalous lead and zinc values reflect known mineralization. The geochemical metal signature in the soil and rock samples suggests mineralization is indicative of Mississippi Valley Type mineralization although there are significant geochemical variations between the different zones. In particular, anomalous silver values (Figure 8a) were reported from the Larry, White Ridge and Puddle Zones but not the Discovery Zone.

Anomalous gold values from soil samples are restricted to the White Ridge and Discovery Zones (Figure 8a). Overall gold values are low ranging from below detection

(<2 ppb) to a high value of 39.3 ppb gold. Most of the anomalous gold values (>7.9 ppb) are from the north side of the White Ridge Zone along with a few scattered values from the east side of the Discovery Zone. Pathfinder elements mercury, thallium and arsenic, while anomalous at both zones do not correlate with the anomalous gold values; instead they correlate with anomalous lead and zinc values at these zones.

A single soil sample from the west side of the property (#121540) contained anomalous silver and copper values over an east – west trending fault structure. In general anomalous arsenic values are restricted to the north half of the property (Figure 8b). These anomalous values can be correlated with known mineralization at the Puddle Zone and Larry Occurrence but in other cases they are found upslope of known mineralization or in the case of the westernmost sample lines the source(s) remained unexplained at present.

Table 2. Selected Anomalous Elements in Soil Samples by Area.

Element	Pb >95%	Zn >95%	Ag >95%	Cu >98%	Au >98%	As >90%	Tl >98%	Hg >98%
Percentile	>265 ppm	>583 ppm	>317 ppb	>52.65 ppm	>7 ppb	>40 ppm	>2.92 ppm	>2395 ppb
Larry Occurrence								
White Ridge Zone								
Puddle Zone								
Discovery Zone								

Stream sediment samples generally returned low values for elements of interest (Au, Ag, Cu, Pb, Zn and pathfinders; As, Tl and Hg) mainly due to the fact that creeks draining the north side of the property, below known mineralization were not sampled. Where creeks were sampled below known mineralization stream sediment samples generally contained anomalous values for lead and zinc. The creek draining the west side of the Discovery Zone was notably anomalous in copper. A series of samples (#118026 – 118029), three kilometers west of the Discovery Zone contained anomalous zinc values (>266 ppm) from a drainage with no known mineralization.

The small sample population of eight BLEG samples returned low values for gold (<9.1 ppb) silver, copper, lead and zinc.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Results from Radius's 2011 geochemical sampling program on the Scarlet West property (Car claims) indentified a number of widespread multi-element anomaly including lead, zinc, silver, copper, gold, thallium, mercury and arsenic. Underlying the property area is a package of rocks ranging in age from Neoproterozoic to possibly Silurian. These rocks include two dolomite horizons that appear permissive for lead – zinc MVT mineralization. Previous work and work in 2011 identified an approximately 12.8 km long variably mineralized strike length in the upper section of the Algae Lake Formation(?) at the White Ridge, Discovery and the Chopper Zone. Mineralization at the Puddle Zone is hosted by a lower carbonate unit in the Algae Lake Formation. Lead –zinc mineralization controlled by steep easterly trending fault structures was identified at the Larry Occurrence.

Analytical results from soil samples over all the known mineralized zones returned highly anomalous values for lead and zinc. The northerly zones; Larry Occurrence, White Ridge and Puddle also contained anomalous amounts of silver and arsenic. The Larry Occurrence and White Ridge Zones are both cut by an easterly trending fault that controls mineralization and both areas also have anomalous thallium values. The White Ridge Zone also has highly anomalous mercury and weakly anomalous gold values. Sampling over The Discovery Zone yielded anomalous gold, copper and thallium values but the anomalies are not coincident.

There is significant variation in the soil geochemistry results between zones for the same elements. It is not obvious at this time if the gold-thallium-arsenic-mercury in soil anomalies found on the Scarlet West property reflects Carlin type mineralization similar to what has been found elsewhere in the area. The lead-zinc mineralization identified at the Discovery Zone is Mississippi Valley Type and it is not inconceivable that the Carlin type mineralization found nearby and MVT mineralization found on the property developed as separate products from a regional hydrothermal system.

Additional rock, soil and stream sediment geochemical surveys, along with geological mapping, prospecting and an airborne magnetic, radiometric and electromagnetic survey are recommended to both better define the existing anomalies and to explore the surrounding areas not surveyed in 2011. All of the above work should be directed towards defining base metal and possibly precious metal targets for trenching and diamond drilling. Mechanized trenching, utilizing a helicopter portable excavator such as a `Can-Dig` excavator is recommended over targets defined by the above surveys. Should the above work yield positive results, diamond drilling is recommended.

6.0 STATEMENT OF COSTS

The following costs were incurred on the Car 1 - 320 claims in 2011.

Estimated 2011 Eligible Expenditures - CAR Property	
Helicopter	\$20,640
Jet-A Fuel (Rackla)	\$7,800
Fixed Wing	\$7,140
Radius Labour	\$8,000
Contactors	\$15,980
Geochemistry	\$17,702
Camp and Supplies	\$5,350
Report & Reprographics	\$5,000
Total	\$87,612

Respectfully submitted,

March 2, 2011

Roger Hulstein, B.Sc., P.Geo.

7.0 STATEMENT OF QUALIFICATIONS

I, Roger W. Hulstein, of:

106 Wilson Drive
Whitehorse, Yukon Territory
Y1A 0C9,

do hereby certify that:

1. I am a mineral exploration geologist with over 25 years of experience working in the Yukon.
2. I am a graduate of Saint Mary's University, Halifax, with a degree in geology (B.Sc., 1981) and have been involved in geology and mineral exploration continuously since 1978.
3. I am a fellow of the Geological Association of Canada (F3572).
4. I am registered as a professional geoscientist (No. 19127) with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
5. I am the author of this report on the Car 1-320 claims (Scarlet West property) in the Mayo Mining District, Yukon.
6. The work was described in the report was carried out under my supervision from June 10 to August 28, 2011.
7. I examined selected areas of the Car 1-320 claims at various times between June 10 and August 28, 2011.
8. This report is based on my examination of the ground covered by the Car 1-320 claims, results and descriptions provided by colleagues and on referenced sources.

Roger Hulstein, B.Sc., FGAC, P.Geo.
March 2, 2011

8.0 REFERENCES

Abbott, G. Internal report: Radius Gold Inc., 2011.

Armstrong, R.L. Mesozoic and early Cenozoic magmatic evolution of the Canadian Cordillera, *in* Clarke, S.P., Burchfiel, B.C., and Suppe, J., eds., Processes in continental lithospheric deformation: Geological Society of America Special Paper 218, 55—91, 1988.

Atac Resources Ltd., 2012. <http://www.atacresources.com/s/home.asp>.

Birkeland, A.O., 1976. Geological and Geochemical Report on the Tara Claim Group, *for* McIntyre Mines Ltd., Yukon assessment report 0910169.

Gabrielse, H. Major dextral transcurrent displacements along the Northern Rocky Mountain Trench and related lineaments in north-central British Columbia: GSA Bull. v96, 1—14, 1985.

Mair, J.L., Hart, J.R., and Stephens, J.R. Deformation history of the northwestern Selwyn Basin, Yukon, Canada: Implications for orogen evolution and mid-Cretaceous magmatism: GSA Bull. v118, 304—323, 2006.

Stroshein, R., 2011. Geology, Mineralization and Exploration on the Scarlet Property, 43-101 report prepared for Radius Gold. Available on SEDAR.

Tempelman-Kluit, D., 1981. Craig, Canadian Superior Exploration Limited, *in* Yukon, Geology and Exploration 1979 – 80, p. 225 – 230. Yukon Geological Survey.

Woodsworth, G.J., Anderson, R.J., and Armstrong, R.L. Plutonic regimes, Chapter 15, *in* Gabrielse H., and Yourath, C.J., eds., Geology of the Cordilleran orogen in Canada: Geological Survey of Canada, 491—531, 1991.

Yukon Geology Survey, 2011. Yukon Geology Map, Available digitally: <http://maps.gov.yk.ca/imf.jsp?site=YGS>

Yukon MINFILE, 2011. A database of mineral occurrences. Available digitally: http://www.geology.gov.yk.ca/databases_gis.html

APPENDIX A

Analytical Certificates



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

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Client:

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Submitted By: Roger Hulstein

Receiving Lab: Canada-Whitehorse

Received: July 14, 2011

Report Date: July 27, 2011

Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI11000242P.1

CLIENT JOB INFORMATION

Project: SCARLETT
Shipment ID: 2011-03
P.O. Number
Number of Samples: 3

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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: Radius Gold Inc.
830 - 355 Burrard St.
Vancouver BC V6C 2G8
Canada

CC: Scott Turton
Simon Ridgway
database backup
David Clark

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	3	Dry at 60C			VAN
SS80	3	Dry at 60C sieve 100g to -80 mesh			VAN
1F03	3	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN

ADDITIONAL COMMENTS



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



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Project: SCARLETT
Report Date: July 27, 2011

Page: 2 of 2 **Part** 1

CERTIFICATE OF ANALYSIS

WHI11000242P.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
120001	Silt	0.50	37.38	34.89	361.8	77	124.5	60.0	1760	3.73	7.4	1.0	<0.2	4.8	73.8	0.57	0.30	0.37	12	0.58
120002	Silt	0.43	29.65	31.41	222.6	61	82.0	29.5	911	3.51	7.3	0.8	<0.2	4.4	56.7	0.35	0.27	0.36	12	0.55
118511	Silt	0.35	20.62	28.20	77.2	28	27.3	17.7	917	3.50	5.8	0.5	<0.2	4.2	26.7	0.04	0.17	0.33	22	0.36



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Project: SCARLETT
Report Date: July 27, 2011

Page: 2 of 2 **Part** 2

CERTIFICATE OF ANALYSIS

WHI11000242P.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02
120001	Silt	6.6	18.0	0.32	128.9	0.003	3	1.72	0.002	0.10	<0.1	4.1	0.15	0.03	26	0.4	0.05
120002	Silt	5.6	17.9	0.33	106.7	0.003	3	1.38	0.003	0.10	<0.1	3.7	0.11	0.02	11	0.2	0.03
118511	Silt	4.7	28.0	0.55	170.4	0.006	3	1.38	0.005	0.10	<0.1	2.9	0.07	<0.02	12	<0.1	0.03



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Project:

SCARLETT

Report Date:

July 27, 2011

Page:

1 of 1

Part 1

QUALITY CONTROL REPORT

WHI11000242P.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Reference Materials																					
STD DS8	Standard	14.55	117.8	134.0	321.8	1858	41.0	8.0	604	2.34	23.2	3.1	127.6	7.8	69.3	2.26	5.82	6.86	39	0.71	0.072
STD DS8	Standard	13.57	113.4	122.7	303.2	1712	38.9	7.9	564	2.27	21.6	2.9	102.0	7.0	64.5	2.05	5.38	6.34	37	0.68	0.069
STD DS8 Expected		13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001



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Project:

SCARLETT

Report Date:

July 27, 2011

Page:

1 of 1

Part 2

QUALITY CONTROL REPORT

WHI11000242P.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
Reference Materials																		
STD DS8	Standard	18.1	123.9	0.59	267.9	0.128	4	0.91	0.091	0.41	3.1	2.1	5.74	0.15	196	5.3	5.23	4.7
STD DS8	Standard	16.6	122.0	0.57	259.9	0.123	3	0.88	0.085	0.39	3.0	2.0	5.10	0.14	189	4.9	4.96	4.6
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1



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Submitted By: Roger Hulstein
Receiving Lab: Canada-Whitehorse
Received: July 04, 2011
Report Date: August 13, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS

WHI11000454.2

CLIENT JOB INFORMATION

Project: Scarlet
Shipment ID: 2011-11
P.O. Number: NA-10337
Number of Samples: 319

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

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: Radius Gold Inc.
830 - 355 Burrard St.
Vancouver BC V6C 2G8
Canada

CC: database backup
Simon Ridgway
Scott Turton

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	318	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	318	Dry at 60C			WHI
1F05	318	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
7TD1	2	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN
RJSV	318	Saving all or part of Soil Reject			WHI

ADDITIONAL COMMENTS

Version 2 : 7TD-Pb Zn included.



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



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Radius Gold Inc.

830 - 355 Burrard St.
Vancouver BC V6C 2G8 Canada

Project:

Scarlet

Report Date:

August 13, 2011

Page:

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Part 1

CERTIFICATE OF ANALYSIS

WHI11000454.2

	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
118051	Soil	2.00	15.97	14.84	167.3	32	56.7	6.4	332	1.28	35.4	3.9	1.2	2.7	74.4	1.06	0.77	0.13	35	22.16
118052	Soil	1.58	8.90	10.66	73.6	28	26.3	3.5	172	0.61	9.3	2.3	1.6	1.2	85.5	0.59	0.40	0.06	16	20.73
118053	Soil	0.66	2.93	7.22	17.5	17	6.2	1.1	63	0.16	2.7	0.8	0.5	0.3	79.2	0.14	0.16	0.03	6	21.13
118054	Soil	2.80	5.48	6.05	37.5	247	12.3	1.5	78	0.36	6.2	3.3	<0.2	0.4	62.0	0.54	0.29	0.03	41	19.39
118055	Soil	2.14	8.16	10.20	39.7	24	19.8	3.9	84	0.75	10.2	3.8	<0.2	1.5	101.2	0.33	0.43	0.09	11	24.07
118056	Soil	1.47	9.61	6.26	106.8	23	38.7	4.6	238	0.65	20.3	2.7	1.1	1.4	79.9	0.74	0.47	0.06	20	22.39
118101	Soil	0.85	15.44	10.99	81.4	97	24.8	7.5	391	1.95	9.4	0.6	0.5	1.3	45.0	0.44	0.42	0.13	30	7.25
118102	Soil	1.06	14.04	15.31	97.0	138	21.7	6.4	516	1.88	12.0	0.6	<0.2	0.6	23.8	0.54	0.51	0.14	32	7.87
118103	Soil	0.49	7.32	13.25	72.9	125	17.0	3.7	453	0.77	5.8	0.3	<0.2	0.1	34.6	0.44	0.28	0.06	15	15.32
118104	Soil	0.98	11.85	10.00	94.5	59	28.2	6.2	260	1.93	7.4	0.7	0.8	1.0	94.6	0.56	0.38	0.10	23	10.15
118105	Soil	1.22	15.10	18.61	85.0	103	31.5	8.6	351	2.58	11.8	0.8	<0.2	1.6	81.3	0.24	0.42	0.12	27	8.59
118106	Soil	1.38	15.21	9.66	114.4	71	35.6	6.7	166	2.09	14.7	1.2	<0.2	1.6	101.9	0.50	0.48	0.10	28	12.02
118107	Soil	1.14	11.43	12.40	56.4	110	21.8	5.1	229	1.39	10.0	1.1	<0.2	0.2	54.7	0.26	0.46	0.10	24	14.20
118108	Soil	2.50	20.02	15.04	118.1	320	38.9	9.2	404	1.95	30.7	4.3	0.9	0.2	28.5	0.80	0.84	0.15	58	5.59
118109	Soil	1.10	14.68	14.58	65.4	96	29.2	6.7	249	1.87	8.7	0.7	<0.2	2.5	142.2	0.17	0.30	0.11	21	12.88
118110	Soil	1.02	11.79	11.55	88.7	80	21.1	6.1	416	1.92	6.6	0.6	<0.2	0.6	51.7	0.52	0.33	0.10	23	9.09
118111	Soil	1.01	8.19	5.72	55.9	52	16.3	4.2	239	1.40	6.7	0.6	<0.2	1.0	85.6	0.20	0.25	0.05	15	15.12
118112	Soil	1.37	14.42	8.74	168.4	75	41.7	4.1	353	0.80	5.6	12.8	1.6	0.7	48.2	3.37	0.40	0.07	42	15.43
118113	Soil	2.22	24.97	14.57	96.5	165	34.4	11.4	374	2.84	13.7	32.9	2.4	1.2	40.9	0.56	0.97	0.16	115	2.51
118114	Soil	2.31	14.69	9.81	88.0	161	24.7	5.3	309	1.25	11.6	8.3	2.7	0.3	51.9	0.44	0.73	0.09	44	11.00
118115	Soil	1.07	14.48	11.94	49.3	122	27.5	7.4	187	2.00	7.2	0.7	0.8	1.7	134.1	0.17	0.22	0.09	20	12.10
118116	Soil	1.24	10.18	8.32	43.9	78	18.1	5.9	275	1.99	6.7	1.3	0.7	1.6	75.7	0.20	0.25	0.08	19	10.71
118117	Soil	0.87	11.40	12.18	65.4	94	22.3	6.4	205	1.92	6.7	0.9	0.3	1.6	93.3	0.24	0.19	0.10	16	9.89
118118	Soil	1.16	8.92	7.17	65.8	61	20.0	5.1	144	1.79	4.9	0.7	<0.2	3.4	129.9	0.24	0.17	0.06	13	14.38
118119	Soil	1.08	12.41	9.86	58.8	101	23.5	7.6	297	2.26	3.9	0.6	<0.2	2.8	189.7	0.19	0.13	0.08	20	12.85
118120	Soil	2.03	18.22	16.14	110.7	106	29.4	10.5	281	2.90	4.9	0.9	0.6	1.9	53.9	0.42	0.44	0.15	33	1.38
118121	Soil	1.58	20.59	18.79	92.1	62	37.9	12.1	301	3.44	2.8	0.7	<0.2	1.8	102.2	0.11	0.17	0.16	26	2.94
118122	Soil	1.48	13.62	12.26	60.9	31	28.3	11.5	210	2.44	2.1	0.6	<0.2	3.0	552.3	0.04	0.10	0.10	19	12.49
118123	Soil	1.36	14.77	14.04	76.1	37	29.8	11.1	256	2.88	2.6	0.6	1.1	2.0	322.9	0.06	0.10	0.12	20	6.45
118201	Soil	0.80	15.22	22.20	85.3	97	34.9	13.5	975	3.86	3.1	0.7	<0.2	1.2	47.6	0.46	0.25	0.16	42	1.42



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Project: Scarlet
Report Date: August 13, 2011

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CERTIFICATE OF ANALYSIS

WHI11000454.2

	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
118051	Soil	9.9	8.6	3.68	103.3	0.007	2	0.61	0.005	0.07	<0.1	2.5	0.82	<0.02	44	0.5	<0.02	1.7	1.48	<0.1	0.15
118052	Soil	7.3	7.1	8.37	50.6	0.004	2	0.33	0.009	0.04	<0.1	1.5	0.34	<0.02	40	0.5	<0.02	0.7	0.84	<0.1	0.07
118053	Soil	4.3	3.3	9.48	16.7	0.001	2	0.08	0.009	0.02	<0.1	0.5	0.15	<0.02	16	0.3	<0.02	0.2	0.31	<0.1	0.03
118054	Soil	3.8	6.6	9.36	30.6	0.001	2	0.08	0.009	0.03	<0.1	0.5	0.23	<0.02	9	0.6	0.03	0.2	0.21	<0.1	<0.02
118055	Soil	5.0	7.1	5.15	71.9	0.002	3	0.20	0.008	0.06	<0.1	1.2	0.33	<0.02	22	0.2	0.06	0.6	0.75	<0.1	0.05
118056	Soil	7.5	5.0	7.01	60.1	0.004	2	0.33	0.007	0.04	<0.1	1.5	0.48	<0.02	34	0.7	<0.02	0.8	1.11	<0.1	0.10
118101	Soil	17.8	21.3	3.14	152.8	0.007	4	0.83	0.008	0.08	<0.1	2.8	0.25	0.02	17	0.6	<0.02	1.9	0.46	<0.1	0.04
118102	Soil	16.3	21.5	3.52	188.9	0.004	5	0.93	0.007	0.08	<0.1	1.5	0.34	0.09	28	0.5	<0.02	2.0	0.39	<0.1	0.05
118103	Soil	7.9	12.1	7.55	71.7	0.003	3	0.49	0.006	0.03	<0.1	0.3	0.13	0.03	22	0.8	<0.02	1.1	0.45	<0.1	<0.02
118104	Soil	20.1	11.7	3.69	232.0	0.002	6	0.59	0.008	0.13	<0.1	1.5	0.29	0.04	31	0.6	0.04	1.4	0.56	<0.1	0.05
118105	Soil	27.7	21.3	2.05	197.5	0.002	9	0.90	0.007	0.21	<0.1	2.5	0.22	0.03	24	0.4	<0.02	2.0	0.41	<0.1	0.09
118106	Soil	23.1	19.5	1.99	123.9	0.002	9	0.67	0.008	0.17	<0.1	2.2	0.43	0.04	29	0.8	<0.02	1.9	0.56	<0.1	0.05
118107	Soil	13.6	20.8	0.82	176.1	0.002	9	0.62	0.008	0.09	<0.1	0.8	0.22	0.13	38	0.9	<0.02	1.2	0.32	<0.1	0.04
118108	Soil	13.2	27.4	1.90	190.1	0.004	10	0.92	0.006	0.09	<0.1	0.7	0.33	0.14	47	0.8	0.07	2.1	0.50	<0.1	0.04
118109	Soil	23.6	17.2	2.96	92.9	0.002	6	0.49	0.007	0.16	<0.1	3.1	0.09	<0.02	15	0.7	<0.02	1.2	0.30	<0.1	0.06
118110	Soil	24.7	15.3	3.92	548.7	0.003	7	0.71	0.008	0.14	<0.1	1.5	0.22	0.06	35	0.5	<0.02	1.7	0.38	<0.1	0.04
118111	Soil	13.9	10.8	6.19	70.7	0.002	5	0.34	0.009	0.09	<0.1	1.7	0.17	<0.02	15	0.6	<0.02	0.9	0.38	<0.1	0.03
118112	Soil	7.4	18.0	7.41	62.0	0.005	4	0.60	0.012	0.07	<0.1	1.3	0.53	<0.02	52	0.6	<0.02	1.3	0.61	<0.1	0.05
118113	Soil	14.6	40.0	0.62	159.1	0.019	4	1.90	0.012	0.13	0.2	2.4	0.34	0.05	34	0.5	<0.02	4.4	1.40	<0.1	0.04
118114	Soil	12.2	26.7	4.80	104.8	0.005	8	0.79	0.010	0.10	<0.1	1.1	0.40	0.08	32	1.1	0.04	1.6	0.79	<0.1	0.03
118115	Soil	20.7	15.0	3.02	178.9	0.001	9	0.48	0.007	0.18	<0.1	2.7	0.38	0.04	28	0.4	<0.02	1.3	0.53	<0.1	0.04
118116	Soil	26.1	10.6	3.96	186.9	0.002	10	0.58	0.010	0.19	<0.1	1.9	0.36	0.04	9	0.5	<0.02	1.8	0.61	<0.1	0.07
118117	Soil	22.9	12.4	3.40	124.9	0.002	10	0.42	0.009	0.19	<0.1	2.5	0.43	0.07	20	0.5	<0.02	1.2	0.38	<0.1	0.05
118118	Soil	16.4	9.4	4.00	124.2	0.001	6	0.33	0.008	0.18	<0.1	2.6	0.51	0.07	11	0.2	0.04	1.0	0.50	<0.1	0.08
118119	Soil	22.7	10.3	2.07	145.2	0.002	11	0.61	0.007	0.24	<0.1	3.0	0.33	0.03	8	0.3	0.07	2.0	0.69	<0.1	0.04
118120	Soil	16.8	22.2	0.29	189.6	0.002	11	1.28	0.004	0.24	<0.1	4.0	0.23	0.07	26	0.6	0.02	3.1	1.73	<0.1	0.08
118121	Soil	14.5	21.8	0.47	167.6	0.002	9	1.33	0.005	0.23	<0.1	4.8	0.26	0.07	24	0.7	<0.02	2.7	2.07	<0.1	0.11
118122	Soil	8.4	16.7	0.94	107.2	0.001	7	0.89	0.007	0.15	<0.1	4.6	0.15	0.06	12	0.2	0.02	1.7	1.45	<0.1	0.11
118123	Soil	11.0	19.1	0.56	101.3	0.001	8	1.19	0.005	0.16	<0.1	4.3	0.15	0.05	24	0.4	<0.02	2.1	1.01	<0.1	0.12
118201	Soil	11.3	25.0	0.25	160.5	0.002	4	1.61	0.003	0.13	<0.1	3.5	0.24	0.09	32	0.4	<0.02	3.6	1.05	<0.1	0.09



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Project: Scarlet
Report Date: August 13, 2011

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CERTIFICATE OF ANALYSIS

WHI11000454.2

	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD	7TD
		Nb ppm 0.02	Rb ppm 0.1	Sn ppm 0.1	Ta ppm 0.05	Zr ppm 0.1	Y ppm 0.01	Ce ppm 0.1	In ppm 0.02	Re ppb 1	Be ppm 0.1	Li ppm 0.1	Pd ppb 10	Pt ppb 2	Pb % 0.02	Zn % 0.01
118051	Soil	0.09	4.4	4.6	<0.05	9.5	12.51	20.4	<0.02	<1	0.8	3.1	16	<2	N.A.	N.A.
118052	Soil	0.08	2.8	3.7	<0.05	5.2	10.66	9.9	<0.02	<1	0.3	2.6	<10	2	N.A.	N.A.
118053	Soil	0.04	1.0	4.2	<0.05	1.1	4.13	4.4	<0.02	<1	<0.1	1.1	<10	<2	N.A.	N.A.
118054	Soil	0.04	1.4	2.2	<0.05	0.9	4.81	5.4	<0.02	<1	<0.1	1.1	<10	<2	N.A.	N.A.
118055	Soil	0.05	3.5	4.2	<0.05	3.8	6.11	9.1	<0.02	<1	0.4	1.3	<10	<2	N.A.	N.A.
118056	Soil	0.15	3.2	0.4	<0.05	5.2	9.80	13.6	<0.02	<1	0.3	2.6	<10	<2	N.A.	N.A.
118101	Soil	0.26	5.2	1.4	<0.05	1.1	13.05	32.7	0.02	<1	0.6	6.6	<10	<2	N.A.	N.A.
118102	Soil	0.46	6.7	3.4	<0.05	1.4	12.03	27.4	<0.02	<1	0.8	6.9	<10	<2	N.A.	N.A.
118103	Soil	0.10	3.7	3.6	<0.05	0.3	8.52	9.4	<0.02	<1	0.5	3.2	<10	<2	N.A.	N.A.
118104	Soil	0.43	5.9	1.8	<0.05	1.6	10.16	38.3	0.03	<1	0.8	4.6	<10	<2	N.A.	N.A.
118105	Soil	0.42	7.4	7.4	<0.05	2.7	13.95	55.2	<0.02	<1	1.1	7.4	<10	<2	N.A.	N.A.
118106	Soil	0.57	6.8	1.2	<0.05	3.4	12.96	45.7	<0.02	<1	0.3	5.6	<10	<2	N.A.	N.A.
118107	Soil	0.28	4.7	3.7	<0.05	0.8	10.72	20.1	<0.02	<1	0.6	4.5	<10	<2	N.A.	N.A.
118108	Soil	0.37	6.9	2.9	<0.05	0.7	11.26	22.1	<0.02	<1	0.6	7.2	<10	<2	N.A.	N.A.
118109	Soil	0.21	5.8	3.7	<0.05	1.9	11.99	41.8	0.03	<1	0.5	5.5	<10	<2	N.A.	N.A.
118110	Soil	0.41	6.1	2.8	<0.05	1.4	12.30	46.0	0.04	<1	0.7	5.0	<10	2	N.A.	N.A.
118111	Soil	0.17	4.4	0.7	<0.05	1.1	7.76	27.3	0.02	<1	0.1	2.9	<10	<2	N.A.	N.A.
118112	Soil	0.17	5.6	1.6	<0.05	1.6	9.68	11.7	<0.02	<1	0.4	6.0	14	<2	N.A.	N.A.
118113	Soil	0.42	12.4	1.1	<0.05	0.9	12.89	30.8	0.03	<1	0.6	17.0	<10	<2	N.A.	N.A.
118114	Soil	0.26	6.6	1.7	<0.05	1.0	12.87	16.3	<0.02	<1	0.2	5.1	<10	<2	N.A.	N.A.
118115	Soil	0.40	7.4	2.2	<0.05	2.8	11.23	37.8	0.04	<1	0.6	4.2	<10	<2	N.A.	N.A.
118116	Soil	0.53	8.0	1.4	<0.05	1.7	10.48	51.7	0.02	<1	1.3	3.4	<10	<2	N.A.	N.A.
118117	Soil	0.57	6.8	2.1	<0.05	2.2	10.58	43.4	<0.02	<1	0.9	2.6	<10	<2	N.A.	N.A.
118118	Soil	0.12	5.6	1.2	<0.05	4.8	8.16	33.0	0.02	<1	0.7	2.4	<10	<2	N.A.	N.A.
118119	Soil	0.31	9.9	1.8	<0.05	2.4	9.96	46.9	0.03	<1	0.6	4.2	<10	<2	N.A.	N.A.
118120	Soil	0.41	16.2	1.3	<0.05	3.7	13.58	32.7	0.04	<1	1.1	14.7	<10	<2	N.A.	N.A.
118121	Soil	0.33	12.8	2.2	<0.05	4.5	14.61	28.0	0.05	<1	1.0	17.9	<10	<2	N.A.	N.A.
118122	Soil	0.17	7.9	1.5	<0.05	6.3	8.12	20.2	0.03	<1	0.9	16.1	<10	<2	N.A.	N.A.
118123	Soil	0.21	8.6	1.2	<0.05	5.7	9.74	24.1	0.03	<1	1.0	15.1	<10	<2	N.A.	N.A.
118201	Soil	0.27	10.4	0.9	<0.05	3.9	8.72	34.3	0.05	<1	1.7	18.4	<10	<2	N.A.	N.A.



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Project: Scarlet
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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
118202	Soil	1.62	24.76	30.58	113.0	178	44.9	20.7	501	3.80	4.7	0.7	1.3	4.6	109.7	0.20	0.23	0.22	31	2.71
118203	Soil	1.41	23.32	25.75	99.6	130	41.8	18.8	466	3.42	4.5	0.7	<0.2	3.4	56.7	0.15	0.23	0.22	29	1.41
118204	Soil	1.05	32.95	25.85	72.4	64	29.6	18.0	2042	3.23	7.7	1.3	1.0	4.0	24.2	0.09	0.26	0.26	26	0.40
118205	Soil	1.06	32.20	28.26	67.2	76	26.2	14.6	1710	2.98	9.0	1.2	1.2	4.0	18.1	0.09	0.35	0.28	26	0.31
118206	Soil	1.02	46.24	36.59	59.2	33	25.9	16.5	3879	3.40	6.9	1.4	2.1	5.9	16.3	0.03	0.25	0.28	25	0.19
118207	Soil	3.45	23.07	29.63	98.2	150	35.8	14.1	582	2.98	10.3	1.9	3.2	2.8	130.0	0.54	0.57	0.15	35	7.07
118208	Soil	1.37	43.88	131.0	106.0	232	33.8	18.0	682	3.00	10.6	1.2	1.9	3.2	56.1	0.25	0.43	0.31	21	0.59
118209	Soil	1.93	41.80	99.12	88.8	220	32.0	18.7	1412	2.64	12.8	1.1	0.7	2.5	48.3	0.29	0.56	0.31	20	1.64
118210	Soil	1.97	14.76	10.67	156.7	75	46.8	8.2	250	1.83	5.7	1.8	<0.2	2.4	200.1	1.31	0.44	0.10	22	14.23
118211	Soil	1.38	20.97	45.29	58.4	31	21.2	12.7	1989	3.21	10.0	1.4	0.3	2.8	29.8	0.19	0.51	0.37	21	0.98
118579	Soil	1.11	4.34	>10000	>10000	200	3.9	2.3	3988	19.21	4.8	3.6	<0.2	0.7	28.9	102.3	0.14	0.04	<2	8.99
120517	Soil	0.38	15.29	18.74	83.5	91	23.8	10.5	281	3.08	2.5	0.3	<0.2	2.7	7.2	0.12	0.12	0.23	30	0.06
120518	Soil	0.28	9.24	13.46	177.9	69	20.0	11.2	406	3.18	1.7	0.4	<0.2	2.6	11.7	0.14	0.13	0.26	34	0.11
120519	Soil	0.57	17.71	19.00	61.1	64	24.6	9.3	213	3.44	4.8	0.4	<0.2	2.9	5.8	0.08	0.25	0.31	31	0.11
120520	Soil	0.37	13.57	12.49	75.2	45	24.4	10.1	244	3.02	3.5	0.4	<0.2	3.1	17.4	0.06	0.13	0.22	29	0.17
118901	Soil	1.48	11.84	6.03	99.6	35	30.9	5.4	194	1.17	8.8	1.4	0.2	1.6	77.5	1.50	0.46	0.06	19	19.79
118902	Soil	1.06	16.78	7.91	120.5	65	36.6	6.3	215	1.41	8.7	1.4	0.6	2.5	96.1	1.37	0.50	0.09	27	17.94
118903	Soil	1.71	2.75	3.20	17.1	15	5.7	1.4	84	0.38	4.4	0.6	0.4	0.4	70.0	0.14	0.20	<0.02	6	15.12
118904	Soil	1.70	2.81	2.90	16.9	18	6.7	1.5	82	0.37	4.2	0.6	0.2	0.4	71.4	0.12	0.21	0.04	6	15.69
118905	Soil	2.35	4.26	4.28	21.0	22	9.4	2.1	107	0.52	6.1	0.9	<0.2	0.6	82.0	0.20	0.27	0.05	9	18.11
118906	Soil	1.47	5.84	3.99	27.4	43	9.7	2.7	132	0.65	4.9	0.6	0.5	0.8	75.1	0.23	0.31	0.05	14	16.97
118907	Soil	1.95	3.73	3.76	19.1	21	7.9	1.9	106	0.47	5.6	0.9	0.5	0.5	79.2	0.16	0.25	0.04	8	19.03
118908	Soil	1.81	3.25	3.10	16.7	17	7.5	1.6	93	0.41	4.7	0.7	0.4	0.4	71.7	0.15	0.22	0.03	7	16.96
118909	Soil	1.98	3.86	3.49	19.2	24	8.4	1.9	110	0.47	5.5	0.8	0.4	0.5	79.6	0.16	0.27	0.03	9	18.19
118910	Soil	1.93	3.63	2.87	18.5	23	8.8	1.8	99	0.46	5.1	0.8	<0.2	0.5	80.7	0.17	0.26	0.03	8	18.68
118911	Soil	2.09	4.24	3.85	23.1	21	9.6	2.2	111	0.49	5.4	0.8	<0.2	0.5	79.0	0.19	0.29	0.04	9	17.96
118912	Soil	1.94	3.88	3.09	20.0	23	8.6	2.0	110	0.46	5.2	0.8	1.4	0.5	81.2	0.20	0.27	0.03	8	18.53
118913	Soil	2.50	4.11	695.1	4069	1281	1.9	0.6	1666	6.12	20.5	1.5	<0.2	0.1	57.9	7.31	4.48	<0.02	<2	12.51
118914	Soil	2.33	2.02	813.2	3501	988	1.3	0.5	1132	11.94	14.4	1.9	0.2	0.1	90.1	3.73	3.19	<0.02	<2	13.05
118915	Soil	1.96	1.80	177.6	852.9	324	2.8	0.8	820	4.25	9.6	0.8	<0.2	0.1	48.0	1.82	3.55	<0.02	<2	16.08



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Project:

Scarlet

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
118202	Soil	10.7	24.1	0.49	99.4	0.002	7	1.46	0.003	0.23	<0.1	6.0	0.25	0.03	32	0.8	0.03	3.3	2.73	<0.1
118203	Soil	12.8	26.0	0.59	97.2	0.002	8	1.42	0.004	0.22	<0.1	5.2	0.24	0.05	26	0.5	0.03	3.2	2.20	<0.1
118204	Soil	8.9	27.4	0.44	461.5	0.006	5	1.39	0.005	0.18	<0.1	4.7	0.16	0.03	26	0.3	0.04	3.6	3.90	<0.1
118205	Soil	13.4	26.6	0.51	418.5	0.007	5	1.36	0.005	0.16	<0.1	4.3	0.13	0.03	18	0.3	<0.02	3.9	4.47	<0.1
118206	Soil	4.6	32.7	0.34	996.9	0.006	1	1.14	0.007	0.14	0.2	4.4	0.10	<0.02	8	0.2	0.05	3.5	3.37	<0.1
118207	Soil	13.9	27.0	3.04	153.3	0.004	11	0.95	0.007	0.21	<0.1	5.6	0.32	0.10	14	0.8	0.10	2.7	2.74	<0.1
118208	Soil	11.0	26.9	0.59	353.1	0.004	4	1.31	0.004	0.15	<0.1	4.9	0.15	0.06	31	0.8	0.04	3.5	4.05	<0.1
118209	Soil	11.4	24.5	0.76	407.7	0.004	7	1.22	0.006	0.15	<0.1	4.2	0.21	0.10	44	0.7	<0.02	3.5	3.77	<0.1
118210	Soil	11.5	10.7	3.68	210.7	0.002	6	0.46	0.006	0.14	<0.1	2.8	0.38	0.05	21	0.5	0.03	1.4	1.08	<0.1
118211	Soil	6.0	25.3	0.50	323.5	0.005	3	0.77	0.007	0.12	0.3	3.7	0.11	0.03	29	0.3	0.03	2.8	3.66	<0.1
118579	Soil	5.5	2.7	4.40	37.8	0.001	2	0.10	0.008	0.02	<0.1	1.0	16.04	0.51	954	1.0	<0.02	1.4	0.22	0.9
120517	Soil	3.7	28.6	0.44	603.3	0.005	<1	1.99	0.003	0.18	<0.1	3.0	0.14	<0.02	11	0.1	<0.02	7.4	2.00	<0.1
120518	Soil	4.1	28.3	0.34	499.3	0.003	<1	2.23	0.003	0.20	<0.1	2.9	0.15	<0.02	7	<0.1	<0.02	8.3	1.37	<0.1
120519	Soil	5.1	34.4	0.46	95.0	0.004	<1	1.87	0.002	0.13	<0.1	2.5	0.11	<0.02	19	0.3	0.02	6.8	1.18	<0.1
120520	Soil	6.6	28.7	0.56	125.6	0.004	<1	1.98	0.003	0.14	<0.1	3.2	0.10	<0.02	<5	0.2	<0.02	7.3	1.56	<0.1
118901	Soil	8.7	9.2	4.63	68.9	0.009	2	0.40	0.006	0.06	<0.1	1.7	0.35	<0.02	12	0.3	0.05	1.0	0.61	<0.1
118902	Soil	13.2	13.7	2.93	107.9	0.013	4	0.79	0.006	0.11	<0.1	2.5	0.40	<0.02	34	0.2	0.04	1.7	1.03	<0.1
118903	Soil	3.5	3.3	9.25	43.4	0.002	1	0.12	0.010	0.04	<0.1	0.7	0.18	<0.02	<5	0.2	0.04	0.3	0.29	<0.1
118904	Soil	3.5	3.6	7.83	47.6	0.002	2	0.12	0.008	0.03	<0.1	0.5	0.17	<0.02	<5	0.3	0.05	0.3	0.26	<0.1
118905	Soil	4.2	4.4	9.04	36.7	0.003	4	0.18	0.010	0.05	<0.1	0.8	0.19	<0.02	6	0.2	0.06	0.4	0.45	<0.1
118906	Soil	5.7	6.8	8.30	70.1	0.016	2	0.34	0.010	0.03	<0.1	1.0	0.13	<0.02	10	0.2	0.05	0.8	0.39	<0.1
118907	Soil	4.1	4.4	9.23	34.3	0.004	3	0.17	0.010	0.04	<0.1	0.8	0.18	<0.02	<5	0.2	0.06	0.4	0.44	<0.1
118908	Soil	3.6	4.0	8.37	29.8	0.003	3	0.15	0.009	0.04	<0.1	0.6	0.16	<0.02	<5	0.2	0.07	0.3	0.40	<0.1
118909	Soil	4.0	4.5	9.12	37.9	0.004	2	0.18	0.010	0.04	<0.1	0.7	0.17	<0.02	6	0.3	0.04	0.4	0.46	<0.1
118910	Soil	4.0	4.8	9.22	35.0	0.004	2	0.17	0.010	0.04	<0.1	0.7	0.16	<0.02	<5	0.2	0.07	0.4	0.42	<0.1
118911	Soil	4.5	5.2	8.90	41.5	0.005	3	0.19	0.009	0.04	<0.1	0.8	0.19	<0.02	<5	0.3	0.08	0.5	0.50	<0.1
118912	Soil	4.3	5.1	9.10	40.6	0.005	2	0.17	0.009	0.04	<0.1	0.9	0.17	<0.02	<5	0.3	0.07	0.5	0.48	<0.1
118913	Soil	1.1	2.7	6.80	29.9	0.002	<1	0.04	0.006	<0.01	<0.1	0.3	5.77	0.08	636	0.6	0.06	0.4	0.07	0.2
118914	Soil	1.4	2.1	6.73	13.1	0.001	<1	0.04	0.006	<0.01	<0.1	0.4	8.40	0.13	936	0.3	0.04	0.3	0.06	0.5
118915	Soil	1.2	2.0	8.59	19.7	0.002	<1	0.07	0.008	<0.01	<0.1	0.3	3.20	<0.02	250	0.3	0.04	0.2	0.07	<0.1



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD	7TD
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Pb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.02
118202	Soil	0.14	14.4	1.0	<0.05	6.5	10.35	28.1	0.05	<1	1.3	26.3	<10	<2	N.A.
118203	Soil	0.26	12.3	1.3	<0.05	5.8	11.99	30.8	0.04	<1	1.0	25.1	<10	<2	N.A.
118204	Soil	0.34	15.1	1.2	<0.05	2.8	12.18	24.2	0.03	<1	2.2	22.9	<10	<2	N.A.
118205	Soil	0.33	13.9	2.2	<0.05	1.5	15.43	30.3	<0.02	<1	1.9	22.9	<10	<2	N.A.
118206	Soil	0.21	12.9	2.2	<0.05	1.2	8.58	12.4	0.02	<1	1.9	16.9	<10	<2	N.A.
118207	Soil	0.25	14.5	3.6	<0.05	3.1	12.66	32.7	0.04	4	0.2	15.9	<10	<2	N.A.
118208	Soil	0.24	13.4	1.4	<0.05	4.2	19.41	26.4	0.03	2	1.8	27.0	<10	<2	N.A.
118209	Soil	0.28	12.0	4.3	<0.05	3.9	19.99	30.4	0.02	1	1.1	24.6	<10	<2	N.A.
118210	Soil	0.14	6.9	0.7	<0.05	3.0	10.63	23.6	<0.02	2	0.5	7.6	<10	<2	N.A.
118211	Soil	0.40	11.1	2.3	<0.05	0.7	12.54	13.3	0.03	<1	2.1	11.3	<10	<2	N.A.
118579	Soil	0.04	0.9	0.3	<0.05	1.4	6.85	9.5	<0.02	2	0.3	0.4	*	<2	1.53
120517	Soil	0.54	24.8	1.6	<0.05	1.3	2.81	8.3	0.02	<1	0.7	29.8	<10	<2	N.A.
120518	Soil	0.45	30.0	1.3	<0.05	0.8	1.39	9.2	0.03	<1	1.0	25.0	12	<2	N.A.
120519	Soil	0.62	17.5	1.2	<0.05	1.3	2.42	11.6	0.02	<1	0.8	33.1	<10	<2	N.A.
120520	Soil	0.42	19.4	1.0	<0.05	1.4	3.89	14.7	0.03	<1	1.0	35.6	<10	<2	N.A.
118901	Soil	0.17	3.3	1.0	<0.05	2.0	9.29	16.7	<0.02	<1	0.4	3.4	<10	<2	N.A.
118902	Soil	0.28	5.9	0.7	<0.05	2.6	10.07	25.2	<0.02	<1	0.5	5.7	<10	<2	N.A.
118903	Soil	0.05	1.7	<0.1	<0.05	0.4	3.99	5.6	<0.02	<1	0.1	0.9	<10	<2	N.A.
118904	Soil	0.04	1.7	0.5	<0.05	0.4	3.91	5.7	<0.02	<1	0.2	1.0	<10	<2	N.A.
118905	Soil	0.05	2.6	0.7	<0.05	0.5	4.48	6.9	<0.02	1	<0.1	1.6	<10	<2	N.A.
118906	Soil	0.19	2.2	0.6	<0.05	0.8	5.58	9.4	<0.02	2	0.1	3.5	<10	<2	N.A.
118907	Soil	0.07	2.3	0.8	<0.05	0.5	4.53	6.6	<0.02	<1	0.3	1.4	<10	<2	N.A.
118908	Soil	0.06	2.0	0.5	<0.05	0.5	4.11	5.6	<0.02	1	0.2	1.2	<10	<2	N.A.
118909	Soil	0.08	2.3	0.7	<0.05	0.5	4.66	6.4	<0.02	1	0.2	1.5	<10	<2	N.A.
118910	Soil	0.07	2.2	0.2	<0.05	0.5	4.55	6.1	<0.02	<1	0.2	1.3	<10	<2	N.A.
118911	Soil	0.08	2.6	0.4	<0.05	0.5	4.95	7.0	<0.02	2	0.2	1.6	<10	<2	N.A.
118912	Soil	0.08	2.4	0.3	<0.05	0.5	4.66	6.7	<0.02	<1	0.2	1.6	<10	<2	N.A.
118913	Soil	0.03	0.5	1.8	<0.05	0.4	1.73	1.6	<0.02	<1	0.2	0.5	<10	<2	N.A.
118914	Soil	0.04	0.4	0.9	<0.05	0.3	1.77	2.0	<0.02	<1	<0.1	0.3	<10	<2	N.A.
118915	Soil	0.04	0.6	1.8	<0.05	0.3	1.60	1.6	<0.02	<1	0.2	0.6	<10	<2	N.A.



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Project: Scarlet
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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
118916	Soil	5.59	5.30	261.4	472.4	1248	2.9	1.3	1321	14.01	32.7	3.2	0.7	0.3	54.6	0.48	3.33	0.02	<2	11.24
118917	Soil	13.36	5.74	497.4	1514	1114	3.0	1.3	1492	15.88	82.4	3.8	0.2	0.2	72.2	3.18	6.35	<0.02	<2	10.81
118918	Soil	14.32	7.35	883.1	1294	1911	3.0	1.1	1385	12.39	78.5	4.2	<0.2	0.3	104.6	4.31	8.48	<0.02	<2	11.90
118919	Soil	4.15	42.44	1775	4256	2122	71.2	29.4	4267	19.68	351.6	3.1	1.2	2.5	89.1	12.69	32.82	0.14	41	2.26
118920	Soil	0.85	33.26	17.69	114.4	87	29.9	11.9	429	2.92	23.6	1.4	6.1	2.8	54.2	0.38	0.81	0.20	38	0.68
118981	Soil	0.86	31.51	28.25	79.8	21	30.9	17.5	688	4.17	7.2	0.7	0.4	4.2	11.5	0.09	0.47	0.40	38	0.06
118982	Soil	0.65	38.06	36.89	107.5	85	29.1	26.6	2109	4.13	5.9	0.6	1.0	3.6	9.5	0.21	0.26	0.43	32	0.09
118983	Soil	0.76	26.74	29.15	96.0	95	26.6	13.9	513	3.71	6.6	0.5	0.6	3.9	8.2	0.09	0.41	0.39	34	0.05
118984	Soil	0.46	20.95	25.09	75.1	140	24.4	14.5	529	3.75	6.1	0.5	1.0	3.7	7.6	0.07	0.34	0.36	28	0.04
118985	Soil	0.69	21.03	34.32	94.2	106	21.7	17.2	1410	3.95	5.0	0.5	0.3	3.2	8.0	0.15	0.29	0.39	30	0.05
118986	Soil	0.41	34.56	24.09	96.6	140	29.5	12.0	830	3.34	7.4	1.0	3.4	2.0	40.2	0.24	0.48	0.41	22	0.87
118987	Soil	0.94	20.26	23.40	115.5	49	24.8	13.2	546	4.24	7.2	0.6	1.7	4.0	6.7	0.17	0.43	0.46	39	0.03
118988	Soil	0.55	21.12	10.36	91.1	23	29.6	12.5	396	3.96	3.4	0.5	0.6	4.2	6.0	0.10	0.26	0.43	35	0.02
118989	Soil	0.45	34.49	24.66	68.3	35	26.1	18.3	637	3.82	8.3	1.0	0.4	3.9	5.7	0.05	0.20	0.50	34	0.03
118990	Soil	0.49	21.05	19.17	94.4	115	24.8	14.2	422	4.06	6.0	0.6	0.2	3.8	6.6	0.06	0.23	0.44	32	0.02
118991	Soil	0.43	19.90	23.99	74.0	70	27.7	13.0	381	3.77	6.2	0.5	<0.2	4.3	6.8	0.04	0.24	0.42	30	0.03
118992	Soil	0.71	21.86	24.26	79.7	104	28.7	12.3	345	3.77	7.4	0.6	<0.2	4.3	6.8	0.06	0.36	0.35	31	0.04
118993	Soil	0.42	18.71	21.89	90.8	72	25.4	10.4	276	3.94	4.8	0.3	<0.2	3.2	6.3	0.14	0.13	0.37	32	0.05
118994	Soil	0.89	19.34	19.18	96.5	230	26.3	11.7	443	3.69	5.6	0.4	<0.2	3.3	10.8	0.12	0.33	0.36	36	0.08
118995	Soil	0.34	27.23	22.54	78.5	28	31.9	13.6	370	4.25	4.8	0.4	0.4	4.6	5.8	0.02	0.12	0.42	32	0.02
118996	Soil	0.40	37.20	24.84	83.7	51	31.3	15.0	565	4.05	6.5	0.7	3.9	4.7	18.6	0.07	0.31	0.38	27	0.12
118997	Soil	22.64	39.68	130.9	126.6	707	44.8	34.2	494	10.32	333.3	6.1	10.1	3.9	75.9	0.27	4.92	0.38	49	2.17
118998	Soil	0.95	23.20	45.75	92.6	24	32.5	21.7	1671	4.44	11.1	1.0	1.5	3.3	6.2	0.09	0.48	0.49	34	0.04
118999	Soil	2.87	43.59	18.77	653.2	150	166.8	13.4	522	3.24	22.0	4.0	1.4	3.4	30.3	3.66	1.19	0.25	77	2.89
119000	Soil	1.81	13.45	6.68	88.5	60	30.5	7.3	202	1.98	10.9	1.1	0.9	1.6	39.0	0.71	0.52	0.09	26	8.11
120557	Soil	0.13	0.95	1.27	32.9	21	1.5	0.6	731	0.67	1.0	0.5	<0.2	<0.1	25.9	0.11	0.11	<0.02	2	12.28
120558	Soil	0.62	8.64	24.95	157.1	100	15.1	6.6	3232	6.01	9.6	1.5	0.6	2.3	17.9	0.31	0.79	0.20	25	6.21
120559	Soil	0.59	7.51	12.73	35.3	73	9.1	4.0	2493	2.28	6.0	0.7	0.2	0.3	33.6	0.26	0.66	0.10	14	8.56
120560	Soil	0.48	12.62	30.42	114.6	121	16.1	8.0	1273	2.87	8.9	0.7	0.8	1.5	21.8	0.37	0.71	0.19	16	5.55
120561	Soil	0.91	13.28	19.12	65.2	38	22.2	8.8	612	3.41	8.6	0.6	0.6	3.9	10.9	0.14	0.43	0.23	38	1.25



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Project: Scarlet
Report Date: August 13, 2011

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CERTIFICATE OF ANALYSIS

WHI11000454.2

	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
118916	Soil	2.8	2.6	4.70	15.5	0.001	2	0.08	0.006	0.03	<0.1	0.3	74.49	1.92	2052	0.2	0.05	0.3	0.35	0.1
118917	Soil	2.6	1.8	5.18	14.9	<0.001	1	0.04	0.006	<0.01	<0.1	0.4	46.02	1.13	1445	0.3	0.04	0.3	0.05	0.4
118918	Soil	3.4	2.7	5.91	18.7	0.001	1	0.05	0.007	0.01	<0.1	0.2	48.84	0.45	1520	0.4	0.04	0.3	0.06	0.2
118919	Soil	8.4	18.7	1.32	85.4	0.003	3	1.38	0.001	0.05	<0.1	8.8	1.89	0.05	>50000	3.2	<0.02	2.4	1.93	<0.1
118920	Soil	22.4	45.7	0.73	78.8	0.006	4	1.08	0.002	0.08	<0.1	7.1	0.27	0.04	115	1.9	<0.02	3.1	2.30	<0.1
118981	Soil	10.1	36.5	0.61	166.4	0.008	<1	2.04	0.003	0.09	0.1	4.1	0.09	<0.02	41	0.4	<0.02	6.9	2.23	<0.1
118982	Soil	7.1	37.0	0.35	192.1	0.003	1	2.24	0.003	0.15	<0.1	4.1	0.14	0.02	57	0.4	0.04	7.5	2.41	<0.1
118983	Soil	7.3	32.9	0.50	92.1	0.005	2	2.13	0.001	0.12	<0.1	3.0	0.10	<0.02	42	0.2	<0.02	7.0	2.42	<0.1
118984	Soil	7.1	27.5	0.40	88.4	0.004	2	1.88	<0.001	0.13	<0.1	2.7	0.11	<0.02	42	0.2	0.03	6.2	1.51	<0.1
118985	Soil	6.4	29.0	0.36	96.7	0.004	1	1.88	<0.001	0.15	<0.1	2.7	0.11	<0.02	42	0.3	0.03	6.9	1.63	<0.1
118986	Soil	7.3	24.9	0.49	218.5	0.004	2	1.68	0.003	0.10	<0.1	3.5	0.10	0.02	127	0.4	<0.02	5.3	1.25	<0.1
118987	Soil	7.7	32.2	0.42	144.2	0.005	<1	2.06	0.002	0.13	<0.1	3.1	0.14	<0.02	34	0.3	0.05	7.8	1.92	<0.1
118988	Soil	5.9	36.3	0.60	108.4	0.007	1	2.23	0.003	0.15	<0.1	3.7	0.13	<0.02	19	0.3	<0.02	8.5	3.03	<0.1
118989	Soil	2.7	33.0	0.44	121.3	0.007	<1	1.50	0.004	0.13	0.2	3.7	0.13	<0.02	20	<0.1	0.05	5.7	3.56	<0.1
118990	Soil	4.1	32.1	0.43	217.7	0.005	1	1.82	0.002	0.10	0.1	3.1	0.10	<0.02	20	0.1	<0.02	6.8	1.88	<0.1
118991	Soil	5.6	28.6	0.47	93.3	0.005	2	1.96	0.002	0.09	<0.1	3.3	0.13	<0.02	25	<0.1	0.02	6.8	1.60	<0.1
118992	Soil	6.9	29.7	0.48	100.0	0.007	1	1.82	0.002	0.10	<0.1	3.2	0.11	<0.02	23	0.3	0.03	5.9	1.76	<0.1
118993	Soil	5.0	33.2	0.48	83.2	0.002	<1	2.13	0.002	0.08	<0.1	3.4	0.10	<0.02	17	0.3	<0.02	7.9	1.36	<0.1
118994	Soil	7.9	31.6	0.42	131.1	0.005	<1	1.93	0.002	0.13	<0.1	2.9	0.10	<0.02	18	0.2	<0.02	6.8	1.50	<0.1
118995	Soil	5.3	36.0	0.59	187.9	0.004	<1	2.40	<0.001	0.10	<0.1	3.9	0.13	<0.02	27	0.3	<0.02	8.0	1.87	<0.1
118996	Soil	7.5	29.3	0.52	183.7	0.004	2	1.71	0.005	0.10	<0.1	4.8	0.10	<0.02	82	0.3	<0.02	6.4	1.18	<0.1
118997	Soil	20.0	14.8	1.04	69.8	0.002	6	0.96	0.051	0.92	<0.1	6.3	3.41	1.77	596	1.7	0.15	3.1	0.82	<0.1
118998	Soil	7.6	32.0	0.53	101.4	0.007	3	1.77	0.004	0.10	0.2	3.5	0.11	<0.02	26	0.2	0.10	6.1	3.04	<0.1
118999	Soil	31.1	30.9	1.55	282.1	0.007	4	1.72	0.006	0.13	0.1	4.7	1.04	0.04	127	0.6	0.08	4.4	1.04	<0.1
119000	Soil	12.2	13.2	3.87	69.4	0.009	3	0.66	0.007	0.07	<0.1	2.0	0.37	<0.02	24	0.2	0.04	1.5	0.75	<0.1
120557	Soil	0.7	2.1	8.59	15.3	<0.001	1	0.05	0.006	<0.01	<0.1	0.2	<0.02	<0.02	13	0.1	<0.02	<0.1	0.06	<0.1
120558	Soil	26.5	18.7	4.04	86.4	0.002	1	1.36	0.006	0.04	<0.1	3.3	0.09	0.03	65	0.2	0.10	3.2	0.37	<0.1
120559	Soil	5.1	9.9	6.01	73.5	0.004	3	0.81	0.009	0.03	<0.1	0.8	0.09	0.05	50	0.3	0.04	1.7	0.30	<0.1
120560	Soil	8.0	12.9	3.47	61.5	0.003	2	0.80	0.007	0.05	<0.1	2.4	0.06	0.02	151	0.2	<0.02	2.1	0.37	<0.1
120561	Soil	10.3	29.6	1.19	85.0	0.005	2	1.88	0.005	0.05	<0.1	3.4	0.19	<0.02	55	<0.1	<0.02	5.6	1.02	<0.1



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD	7TD
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Pb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.02
118916	Soil	0.04	1.3	1.0	<0.05	0.4	4.02	4.3	<0.02	<1	0.2	0.4	<10	<2	N.A.
118917	Soil	0.03	0.3	0.7	<0.05	0.6	3.87	4.2	<0.02	3	0.2	0.4	<10	<2	N.A.
118918	Soil	0.03	0.4	1.3	<0.05	0.5	4.93	5.7	<0.02	<1	0.3	0.4	<10	<2	N.A.
118919	Soil	0.11	5.3	1.0	<0.05	1.5	32.97	11.3	<0.02	7	1.9	4.5	<10	<2	N.A.
118920	Soil	0.20	9.4	0.8	<0.05	2.6	17.48	46.0	0.04	<1	0.9	17.2	<10	<2	N.A.
118981	Soil	0.33	11.2	1.8	<0.05	0.8	5.66	26.3	0.03	<1	1.5	32.9	<10	<2	N.A.
118982	Soil	0.39	20.4	1.6	<0.05	2.1	5.56	19.4	0.04	<1	1.5	34.9	<10	<2	N.A.
118983	Soil	0.52	15.0	2.1	<0.05	2.0	3.96	17.3	0.03	<1	1.7	34.7	<10	<2	N.A.
118984	Soil	0.34	15.4	1.0	<0.05	1.3	3.70	17.0	0.03	<1	1.1	31.5	<10	<2	N.A.
118985	Soil	0.40	18.1	2.4	<0.05	1.1	3.28	15.5	0.03	<1	1.0	37.7	<10	<2	N.A.
118986	Soil	0.41	11.5	0.9	<0.05	1.6	9.41	16.2	0.04	<1	1.5	29.0	<10	<2	N.A.
118987	Soil	0.69	22.2	1.8	<0.05	1.6	4.06	17.7	0.03	<1	1.3	33.6	<10	<2	N.A.
118988	Soil	0.56	20.3	1.3	<0.05	2.0	3.96	13.3	0.04	<1	0.9	30.2	<10	<2	N.A.
118989	Soil	0.63	16.0	2.6	<0.05	0.7	3.23	6.2	0.03	<1	1.0	19.1	<10	<2	N.A.
118990	Soil	0.59	16.0	1.3	<0.05	1.4	2.89	9.6	0.04	<1	1.1	30.3	<10	<2	N.A.
118991	Soil	0.50	16.4	2.5	<0.05	1.8	3.67	13.5	0.03	<1	1.0	33.5	<10	<2	N.A.
118992	Soil	0.54	14.6	1.1	<0.05	1.6	3.49	17.0	0.03	<1	1.1	34.2	<10	<2	N.A.
118993	Soil	0.34	17.7	1.6	<0.05	1.1	3.61	11.6	0.03	<1	0.9	41.2	<10	<2	N.A.
118994	Soil	0.54	20.6	1.2	<0.05	1.1	2.89	16.3	0.03	<1	1.0	37.5	<10	<2	N.A.
118995	Soil	0.23	18.1	1.8	<0.05	1.8	3.70	13.5	0.04	<1	1.5	41.2	<10	<2	N.A.
118996	Soil	0.33	11.3	0.7	<0.05	2.2	8.35	20.4	0.07	1	1.3	30.2	<10	<2	N.A.
118997	Soil	0.34	14.3	1.2	<0.05	7.4	14.80	50.0	0.07	<1	0.8	9.2	<10	<2	N.A.
118998	Soil	0.39	12.8	1.0	<0.05	2.0	5.44	24.0	0.05	<1	1.7	34.7	<10	<2	N.A.
118999	Soil	0.61	10.2	1.6	<0.05	6.4	35.04	54.4	0.05	<1	1.6	11.6	30	<2	N.A.
119000	Soil	0.30	4.1	0.4	<0.05	1.1	9.20	25.4	<0.02	<1	0.6	4.7	<10	<2	N.A.
120557	Soil	<0.02	0.6	0.3	<0.05	0.4	1.41	1.8	<0.02	<1	0.1	0.4	<10	<2	N.A.
120558	Soil	0.26	4.3	0.9	<0.05	2.1	27.66	39.5	0.03	<1	0.9	6.0	<10	<2	N.A.
120559	Soil	0.11	3.5	0.6	<0.05	0.6	6.42	11.7	<0.02	<1	0.6	4.0	<10	<2	N.A.
120560	Soil	0.20	4.2	0.5	<0.05	1.1	9.02	17.8	<0.02	<1	0.7	7.7	<10	<2	N.A.
120561	Soil	0.55	8.8	1.1	<0.05	2.6	5.62	23.6	0.03	<1	1.0	25.0	<10	<2	N.A.



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Scarlet

Report Date:

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Part 1

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
120562	Soil	1.04	17.46	22.28	136.4	93	29.6	10.8	1221	4.58	10.8	1.2	1.7	6.2	14.2	0.37	0.60	0.27	42	1.20
120563	Soil	0.66	17.96	28.38	135.5	84	22.3	11.8	897	3.48	11.4	1.1	0.7	2.0	16.8	0.37	0.83	0.28	35	1.03
120564	Soil	1.27	13.15	16.91	82.5	144	20.0	10.3	568	2.76	7.9	0.9	0.5	2.8	23.3	0.21	0.37	0.32	36	0.74
120565	Soil	0.49	36.65	23.47	83.3	90	33.0	13.2	639	3.63	5.7	1.4	1.5	3.7	18.0	0.13	0.36	0.34	24	0.70
120566	Soil	0.59	15.54	18.24	72.1	54	22.3	10.2	296	3.39	5.2	0.9	0.8	3.3	16.5	0.10	0.22	0.30	37	0.25
120567	Soil	1.68	27.81	35.20	125.1	94	39.8	12.4	558	6.72	9.3	0.9	0.4	5.9	6.6	0.09	0.16	0.27	9	0.07
120568	Soil	0.79	19.34	51.83	68.5	197	42.8	21.8	855	3.36	21.4	0.7	2.6	6.5	31.8	0.06	1.06	0.38	6	2.16
120569	Soil	1.07	33.45	59.26	173.7	129	30.3	12.4	1474	3.38	22.0	1.5	1.7	1.1	110.3	0.58	2.63	0.35	34	2.67
120570	Soil	0.60	15.12	26.25	64.4	163	16.6	7.5	2258	3.57	18.7	1.2	0.7	0.7	30.6	0.26	1.85	0.17	23	6.83
120571	Soil	0.76	9.34	33.25	157.3	129	8.0	3.8	2407	2.95	14.1	0.7	1.1	0.4	50.5	0.51	1.44	0.08	10	9.45
120572	Soil	0.38	18.99	10.07	82.6	25	14.1	12.6	340	2.08	2.4	0.3	<0.2	2.2	3.2	0.06	0.37	0.50	16	0.09
120573	Soil	1.54	22.79	33.65	315.9	177	23.6	11.6	2119	3.91	8.3	2.1	0.6	2.1	35.3	1.10	0.53	0.33	58	1.76
120589	Soil	1.10	22.93	13.46	97.7	179	30.2	10.4	452	2.68	50.1	0.9	2.4	2.4	68.8	0.43	0.65	0.22	51	4.64
120590	Soil	1.23	23.94	16.08	127.6	206	36.2	10.9	539	2.95	37.2	2.0	2.6	1.1	45.7	0.45	0.73	0.25	58	1.50
120591	Soil	1.42	25.72	16.33	147.6	188	34.3	10.6	526	2.50	26.0	1.8	1.4	0.6	157.6	0.78	0.81	0.24	60	1.87
120592	Soil	1.48	22.37	14.58	154.9	152	29.9	9.3	396	2.18	30.1	1.7	1.5	0.7	139.9	1.29	0.68	0.21	49	2.58
120593	Soil	1.76	11.86	7.33	55.5	69	18.8	4.5	114	1.26	190.3	1.4	1.2	0.7	154.4	0.29	0.41	0.10	29	8.66
120594	Soil	1.40	8.37	5.29	31.8	20	15.7	3.9	101	0.78	66.8	2.7	0.4	0.9	130.1	0.19	0.30	0.06	13	20.58
120595	Soil	0.77	6.14	7.71	26.5	59	12.5	3.6	133	0.98	62.3	0.8	<0.2	0.9	93.1	0.21	0.47	0.10	13	18.70
120596	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
120597	Soil	0.71	6.34	5.96	33.0	38	10.2	3.4	163	0.82	21.0	0.7	0.5	0.4	84.3	0.22	0.30	0.07	13	16.22
120598	Soil	0.65	17.63	11.62	16.8	71	26.9	9.2	343	2.64	18.7	0.8	0.4	2.2	61.1	0.05	0.28	0.05	28	8.81
120601	Soil	2.39	9.56	8.45	48.7	104	18.6	5.9	334	1.69	9.6	1.2	0.5	0.8	44.7	0.43	0.62	0.13	32	8.38
120602	Soil	2.34	10.49	11.79	89.4	100	20.1	6.6	456	1.86	9.3	1.2	0.6	0.3	35.7	0.57	0.58	0.16	43	7.28
120603	Soil	1.38	26.90	22.71	144.5	111	27.6	9.5	462	3.06	29.2	2.8	1.4	1.9	37.5	0.51	0.57	0.30	40	1.19
120604	Soil	2.70	19.52	15.49	77.9	84	23.0	7.3	247	2.14	24.7	1.0	0.8	2.9	94.8	0.20	0.69	0.17	33	8.03
120605	Soil	1.22	22.23	19.45	80.3	82	20.1	8.5	329	2.16	14.2	0.8	2.9	2.6	98.5	0.32	0.68	0.16	21	9.05
120606	Soil	0.88	18.08	14.54	75.3	104	18.8	7.1	281	1.90	13.8	0.6	2.5	1.5	44.5	0.36	0.73	0.14	26	6.03
120607	Soil	1.25	23.42	30.48	99.9	86	22.3	8.5	242	2.09	23.7	1.4	1.3	1.6	73.1	0.35	0.90	0.15	18	5.33
120608	Soil	1.88	21.76	13.73	259.6	182	67.9	9.2	466	2.15	40.9	1.7	3.4	1.0	35.8	1.31	1.10	0.19	43	8.23



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
120562	Soil	16.1	31.7	1.03	141.5	0.012	3	2.04	0.007	0.09	<0.1	5.2	0.12	<0.02	101	0.2	0.06	5.1	1.40	<0.1
120563	Soil	8.9	24.4	0.52	150.3	0.005	3	1.51	0.005	0.07	<0.1	3.2	0.09	0.03	68	0.3	0.03	4.8	0.59	<0.1
120564	Soil	11.1	28.4	0.57	136.1	0.015	2	1.34	0.006	0.07	0.1	2.9	0.09	0.03	53	0.2	0.03	5.5	0.97	<0.1
120565	Soil	10.3	28.3	0.69	98.1	0.007	3	1.55	0.007	0.11	<0.1	6.5	0.10	0.03	48	0.3	0.04	5.2	1.56	<0.1
120566	Soil	10.0	29.4	0.51	111.7	0.006	1	1.66	0.006	0.07	<0.1	3.1	0.10	<0.02	19	0.2	0.07	6.9	1.45	<0.1
120567	Soil	21.3	11.4	0.13	293.1	<0.001	1	1.13	0.002	0.08	<0.1	7.8	0.15	<0.02	88	1.1	0.03	2.2	1.13	<0.1
120568	Soil	7.3	10.6	0.23	100.8	<0.001	4	0.49	0.002	0.14	<0.1	5.5	0.38	<0.02	623	0.5	0.04	1.4	1.39	<0.1
120569	Soil	34.1	23.3	0.30	120.1	0.004	3	1.86	0.013	0.07	<0.1	2.2	0.11	0.11	125	0.7	0.15	4.2	0.46	<0.1
120570	Soil	14.1	14.7	3.94	101.3	0.004	3	1.14	0.007	0.06	<0.1	1.5	0.08	0.09	130	0.5	0.10	2.1	0.31	<0.1
120571	Soil	4.9	7.2	6.22	67.0	0.002	5	0.42	0.009	0.04	<0.1	0.7	0.24	0.09	201	0.5	<0.02	1.1	0.16	<0.1
120572	Soil	6.4	8.7	0.09	52.1	0.002	3	0.74	0.002	0.22	<0.1	2.4	0.07	<0.02	23	<0.1	0.09	3.1	0.42	<0.1
120573	Soil	19.6	29.0	0.35	305.5	0.009	3	1.77	0.007	0.15	<0.1	3.7	0.12	0.05	55	0.4	0.10	5.5	0.63	<0.1
120589	Soil	16.9	27.5	2.59	112.2	0.020	5	1.48	0.011	0.09	0.2	3.5	0.17	0.02	47	0.3	0.03	4.0	3.78	<0.1
120590	Soil	16.7	29.9	0.69	138.9	0.011	3	1.73	0.008	0.08	0.1	2.5	0.27	0.09	58	0.6	0.04	5.0	3.94	<0.1
120591	Soil	16.1	25.2	0.42	151.9	0.009	6	1.40	0.008	0.08	<0.1	1.7	0.35	0.12	68	0.7	0.04	4.1	6.38	<0.1
120592	Soil	14.7	22.7	0.48	134.1	0.009	7	1.22	0.010	0.09	0.1	1.7	0.30	0.16	65	0.5	0.03	3.4	5.44	<0.1
120593	Soil	7.4	12.0	4.70	69.0	0.004	6	0.60	0.010	0.10	<0.1	1.3	0.66	0.04	22	0.2	0.05	1.4	6.26	<0.1
120594	Soil	4.6	7.1	6.68	32.6	0.003	6	0.27	0.012	0.07	<0.1	1.1	0.43	<0.02	14	0.3	0.04	0.7	2.99	<0.1
120595	Soil	4.6	7.3	7.30	55.1	0.003	3	0.26	0.009	0.06	<0.1	1.5	0.21	<0.02	14	0.6	<0.02	0.6	1.96	<0.1
120596	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
120597	Soil	5.8	6.9	7.43	43.1	0.006	3	0.34	0.010	0.04	<0.1	0.9	0.16	<0.02	9	0.4	<0.02	0.9	0.88	<0.1
120598	Soil	11.0	24.5	5.27	46.1	<0.001	4	0.28	0.006	0.14	<0.1	6.6	0.50	0.25	21	0.1	0.04	0.7	5.22	<0.1
120601	Soil	11.7	25.3	5.19	80.5	0.009	2	0.84	0.010	0.04	<0.1	2.9	0.19	0.03	32	0.2	0.03	1.7	0.51	<0.1
120602	Soil	13.4	24.3	4.30	96.8	0.008	4	1.26	0.009	0.05	0.1	1.4	0.25	0.07	24	0.3	0.02	2.4	0.77	<0.1
120603	Soil	16.1	25.6	0.52	144.2	0.007	5	1.68	0.006	0.16	<0.1	3.7	0.28	0.07	36	0.4	0.03	4.9	3.21	<0.1
120604	Soil	7.7	17.1	4.59	58.7	0.005	3	0.74	0.008	0.12	<0.1	2.4	0.30	<0.02	37	0.1	0.05	1.9	5.56	<0.1
120605	Soil	6.3	13.7	4.16	69.4	0.005	3	0.78	0.005	0.08	<0.1	2.6	0.25	0.03	48	<0.1	0.04	2.0	2.06	<0.1
120606	Soil	7.4	15.0	3.55	84.4	0.010	2	0.83	0.006	0.06	<0.1	2.1	0.09	<0.02	39	0.3	0.03	2.2	0.75	<0.1
120607	Soil	6.5	13.7	2.81	87.7	0.003	5	0.70	0.004	0.08	<0.1	2.9	0.34	0.05	57	0.7	0.03	2.0	2.88	<0.1
120608	Soil	15.2	21.1	0.88	122.7	0.010	5	1.27	0.005	0.09	0.1	2.2	0.41	0.05	91	0.7	0.03	2.9	1.58	<0.1



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD	7TD
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Pb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.02
120562	Soil	0.78	12.2	0.8	<0.05	2.5	12.06	45.4	0.04	<1	1.2	29.2	<10	<2	N.A.
120563	Soil	0.60	8.2	0.8	<0.05	1.6	7.56	25.2	0.04	<1	0.9	16.0	<10	<2	N.A.
120564	Soil	0.82	10.6	0.7	<0.05	1.5	3.96	24.5	0.03	<1	0.5	25.5	<10	<2	N.A.
120565	Soil	0.46	10.8	0.9	<0.05	1.9	14.77	20.4	0.04	<1	1.4	28.1	<10	<2	N.A.
120566	Soil	0.62	14.0	0.8	<0.05	1.2	4.24	22.2	0.03	<1	0.7	33.1	<10	<2	N.A.
120567	Soil	0.05	8.8	0.6	<0.05	1.6	31.55	90.9	0.07	<1	1.5	15.5	<10	<2	N.A.
120568	Soil	0.04	6.8	0.9	<0.05	3.6	13.47	33.8	0.04	<1	1.1	2.2	<10	<2	N.A.
120569	Soil	0.34	6.1	0.7	<0.05	1.5	36.23	65.0	0.04	<1	1.4	6.8	12	<2	N.A.
120570	Soil	0.12	4.9	0.4	<0.05	1.3	25.24	33.1	0.02	<1	0.5	4.0	<10	<2	N.A.
120571	Soil	0.06	2.2	0.6	<0.05	0.9	6.33	10.3	<0.02	<1	0.6	2.5	<10	<2	N.A.
120572	Soil	0.20	12.1	0.6	<0.05	0.3	2.27	14.9	0.03	<1	0.4	3.2	<10	<2	N.A.
120573	Soil	0.67	13.8	0.9	<0.05	1.4	10.26	47.8	0.04	<1	1.2	9.1	20	<2	N.A.
120589	Soil	0.53	11.3	0.6	<0.05	1.6	12.12	35.8	<0.02	<1	0.7	11.3	<10	<2	N.A.
120590	Soil	0.62	11.3	0.5	<0.05	1.8	13.58	32.6	0.03	<1	1.0	11.5	<10	<2	N.A.
120591	Soil	0.60	12.3	0.6	<0.05	1.4	12.72	32.5	0.04	<1	1.2	11.1	<10	<2	N.A.
120592	Soil	0.70	11.1	0.6	<0.05	1.9	12.56	29.8	0.03	<1	0.7	8.9	<10	<2	N.A.
120593	Soil	0.18	8.2	0.5	<0.05	1.0	5.73	16.2	<0.02	<1	0.5	3.7	<10	<2	N.A.
120594	Soil	0.07	4.8	0.5	<0.05	0.9	3.59	10.0	<0.02	<1	0.3	2.3	<10	<2	N.A.
120595	Soil	0.07	3.3	0.7	<0.05	0.9	4.59	10.5	<0.02	<1	0.2	2.0	<10	<2	N.A.
120596	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
120597	Soil	0.09	3.2	0.5	<0.05	0.8	5.25	10.6	<0.02	<1	0.1	3.3	<10	<2	N.A.
120598	Soil	0.06	5.7	0.3	<0.05	1.2	9.09	26.6	<0.02	<1	0.4	0.8	<10	<2	N.A.
120601	Soil	0.28	4.5	0.4	<0.05	0.6	10.87	18.9	<0.02	<1	0.4	4.9	<10	<2	N.A.
120602	Soil	0.35	6.7	0.6	<0.05	0.4	11.87	22.7	0.02	<1	0.5	7.0	<10	<2	N.A.
120603	Soil	0.53	18.2	0.6	<0.05	1.8	12.04	33.8	0.04	<1	1.2	15.2	<10	<2	N.A.
120604	Soil	0.14	7.7	0.9	<0.05	1.8	6.11	16.7	<0.02	<1	0.7	7.6	<10	<2	N.A.
120605	Soil	0.13	4.9	0.6	<0.05	2.5	6.17	13.2	0.04	1	0.5	11.9	<10	<2	N.A.
120606	Soil	0.24	4.6	0.9	<0.05	1.2	6.81	14.7	0.02	<1	0.6	10.7	<10	<2	N.A.
120607	Soil	0.13	7.8	0.8	<0.05	1.7	6.78	14.0	0.03	<1	0.6	11.1	<10	<2	N.A.
120608	Soil	0.42	6.4	0.9	<0.05	3.4	19.89	30.8	0.03	<1	1.1	8.9	16	<2	N.A.



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
120609	Soil	3.01	30.95	18.09	265.9	109	66.6	8.9	508	3.02	51.6	2.3	1.8	5.6	31.7	0.74	1.45	0.26	56	5.95
120610	Soil	4.01	26.04	17.66	367.2	96	76.3	10.8	598	2.51	86.4	1.6	2.1	0.6	33.2	1.15	1.46	0.28	43	6.78
120611	Soil	2.42	12.42	10.23	39.9	25	18.3	4.8	141	1.08	18.6	2.0	0.3	1.4	75.9	0.17	0.44	0.12	14	13.65
120612	Soil	0.97	8.66	7.48	60.1	29	12.6	3.0	172	0.69	10.7	1.2	0.7	0.5	41.5	0.33	0.31	0.05	14	12.61
120613	Soil	0.76	7.76	7.61	41.4	36	12.0	3.3	174	0.75	7.0	1.1	0.8	0.6	42.7	0.27	0.35	0.06	13	12.24
120614	Soil	2.33	14.83	12.39	86.4	100	22.3	5.8	341	1.37	11.7	1.4	1.3	0.5	32.7	0.50	0.66	0.11	25	9.50
120615	Soil	0.99	6.73	5.28	37.8	55	10.7	3.0	228	0.74	5.5	0.8	0.6	0.3	30.3	0.32	0.34	0.04	16	11.47
120616	Soil	1.28	9.56	6.27	60.8	157	16.0	3.7	183	0.90	10.7	2.1	0.5	0.6	50.5	0.41	0.43	0.07	29	11.50
120617	Soil	2.73	13.26	12.87	85.6	94	21.0	8.2	529	1.96	17.0	1.9	2.7	0.6	40.6	0.64	0.79	0.16	37	7.43
120618	Soil	1.87	35.47	12.97	85.8	185	28.1	12.7	655	3.37	13.3	1.9	1.1	1.0	18.1	0.24	0.67	0.17	73	1.27
120619	Soil	1.19	21.93	14.07	64.1	118	22.9	11.7	623	3.00	8.0	1.1	0.6	0.9	33.1	0.42	0.48	0.14	53	1.58
120620	Soil	1.73	12.52	17.17	128.7	60	25.3	9.4	455	2.84	17.3	1.5	1.1	1.1	12.8	1.40	0.83	0.25	52	0.81
120621	Soil	1.26	9.20	6.96	38.1	86	13.9	5.8	331	1.35	9.3	1.3	0.9	0.8	62.9	0.32	0.52	0.06	30	12.42
120622	Soil	0.78	16.57	15.68	79.5	98	18.7	11.7	585	2.57	6.9	0.8	0.6	1.8	55.7	0.32	0.35	0.14	30	5.80
120623	Soil	1.63	14.04	15.38	54.6	72	12.7	4.2	117	2.05	7.5	0.6	3.5	0.4	8.8	0.12	0.85	0.18	37	0.08
120624	Soil	1.07	17.98	28.19	54.6	123	10.1	3.7	70	1.99	6.2	0.7	0.6	1.6	18.9	0.05	0.43	0.21	15	0.07
120625	Soil	0.99	17.53	17.95	60.4	71	12.5	6.1	116	1.87	6.3	0.8	0.6	0.9	13.7	0.08	0.50	0.22	21	0.03
120626	Soil	1.12	22.26	28.10	74.7	97	12.8	5.3	139	2.64	7.9	0.8	1.5	0.9	15.8	0.10	0.55	0.36	27	0.03
120627	Soil	1.01	14.71	18.82	39.0	79	7.3	2.6	65	1.44	4.9	0.7	0.4	0.9	17.6	0.04	0.32	0.20	13	0.01
120628	Soil	1.48	16.50	15.62	85.6	130	31.5	11.8	381	2.79	3.5	0.9	0.5	1.9	318.6	0.33	0.36	0.15	26	8.83
120629	Soil	1.00	11.79	11.29	48.9	79	10.6	3.4	88	1.39	5.0	0.6	2.2	0.4	9.7	0.16	0.41	0.13	18	0.09
120630	Soil	5.68	41.43	35.42	524.9	219	276.7	180.0	2837	3.64	5.8	2.4	0.8	5.4	227.1	1.11	0.63	0.19	15	0.29
120631	Soil	0.72	11.44	10.65	54.2	125	16.2	5.6	222	1.75	2.7	0.5	0.2	1.0	9.6	0.11	0.27	0.14	18	0.23
120632	Soil	0.81	12.62	14.15	63.2	71	18.7	8.4	398	2.25	4.6	0.6	2.9	1.1	8.8	0.17	0.37	0.17	22	0.14
121513	Soil	1.42	10.28	9.55	54.0	126	23.2	4.8	247	1.43	9.0	0.7	1.3	0.9	50.9	0.37	0.72	0.08	44	9.39
121514	Soil	4.38	7.01	9.08	51.4	84	17.8	2.7	111	2.41	21.2	1.1	0.5	0.3	94.8	0.73	1.47	<0.02	24	15.52
121515	Soil	0.63	3.75	5.00	19.9	38	5.8	0.6	119	0.14	1.5	3.2	1.2	0.1	49.0	0.17	0.28	<0.02	24	16.54
121516	Soil	0.75	32.91	9.07	40.2	314	22.4	17.3	553	4.50	13.5	0.8	0.6	3.6	12.7	0.09	0.50	0.26	38	0.49
121517	Soil	0.82	12.30	14.44	40.2	32	23.2	12.1	350	2.48	2.0	0.9	<0.2	5.3	300.6	0.04	0.09	0.12	9	9.84
121518	Soil	0.79	8.85	9.66	35.5	20	18.4	7.4	203	1.65	2.0	0.4	<0.2	2.6	827.9	0.04	0.07	0.05	6	18.05



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Project: Scarlet
Report Date: August 13, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
120609	Soil	15.1	18.0	0.30	145.1	0.028	3	1.62	0.003	0.08	<0.1	4.4	0.94	<0.02	75	0.4	0.05	5.2	1.54	<0.1
120610	Soil	15.4	19.0	0.92	126.4	0.003	8	1.05	0.004	0.15	0.1	1.5	0.41	0.11	44	0.6	0.07	2.3	2.22	<0.1
120611	Soil	6.3	6.6	5.44	49.3	0.001	3	0.30	0.007	0.09	<0.1	1.6	0.24	<0.02	9	0.1	0.08	0.6	0.95	<0.1
120612	Soil	4.5	5.6	6.78	47.8	0.002	2	0.30	0.005	0.05	<0.1	0.8	0.18	<0.02	16	<0.1	0.03	0.7	0.73	<0.1
120613	Soil	4.6	6.8	6.68	42.2	0.003	3	0.34	0.008	0.04	<0.1	1.1	0.16	<0.02	30	<0.1	0.04	0.8	0.60	<0.1
120614	Soil	10.0	13.5	5.20	74.1	0.004	3	0.76	0.007	0.05	<0.1	1.0	0.36	0.05	31	0.3	0.06	1.6	0.78	<0.1
120615	Soil	5.8	7.5	6.43	39.6	0.005	1	0.38	0.005	0.02	<0.1	0.6	0.12	<0.02	14	0.2	<0.02	0.8	0.39	<0.1
120616	Soil	7.0	10.8	6.08	53.8	0.007	1	0.45	0.007	0.04	<0.1	1.0	0.27	<0.02	24	0.3	0.04	1.1	0.92	<0.1
120617	Soil	14.6	17.4	3.97	104.1	0.009	2	1.07	0.006	0.05	0.1	1.3	0.22	0.06	32	0.4	0.06	2.3	0.71	<0.1
120618	Soil	25.5	25.1	1.01	133.8	0.025	3	1.90	0.007	0.06	0.1	4.2	0.17	0.06	42	0.4	0.06	5.2	0.89	<0.1
120619	Soil	25.3	21.8	0.85	145.1	0.014	4	1.63	0.012	0.09	<0.1	3.7	0.13	0.08	47	0.4	0.04	4.8	0.81	<0.1
120620	Soil	14.7	28.0	0.52	132.5	0.012	1	2.07	0.004	0.05	0.2	2.4	0.21	0.05	44	0.4	0.06	4.7	1.38	<0.1
120621	Soil	11.7	12.1	6.08	56.7	0.012	2	0.67	0.011	0.04	0.1	1.9	0.11	<0.02	20	0.2	0.04	1.6	0.50	<0.1
120622	Soil	17.9	17.7	2.34	109.7	0.004	4	1.09	0.004	0.09	<0.1	5.4	0.11	0.02	23	0.2	0.07	2.9	0.75	<0.1
120623	Soil	7.9	20.4	0.16	53.3	0.013	1	0.80	0.002	0.05	0.1	0.9	0.10	0.05	41	0.5	0.05	3.8	1.35	<0.1
120624	Soil	3.1	14.3	0.15	58.9	0.004	2	0.64	0.004	0.11	<0.1	1.5	0.07	0.10	16	0.8	0.05	1.9	2.17	<0.1
120625	Soil	4.7	16.0	0.17	60.5	0.005	1	0.90	0.002	0.08	<0.1	1.2	0.08	0.05	17	0.5	0.04	2.5	2.34	<0.1
120626	Soil	4.8	18.6	0.19	81.5	0.005	2	1.22	0.003	0.16	<0.1	1.4	0.14	0.08	14	0.6	0.12	4.0	3.63	<0.1
120627	Soil	3.5	12.2	0.09	63.6	0.002	2	0.66	0.005	0.12	<0.1	1.1	0.09	0.09	13	0.4	0.07	1.9	2.53	<0.1
120628	Soil	12.7	15.7	0.51	126.0	0.002	5	0.99	0.005	0.15	<0.1	3.6	0.25	0.02	17	0.5	0.06	2.1	1.82	<0.1
120629	Soil	5.2	13.0	0.14	55.9	0.005	1	0.73	0.002	0.07	<0.1	0.8	0.07	0.04	27	0.5	0.03	2.1	1.27	<0.1
120630	Soil	16.7	20.2	0.22	234.0	0.002	4	2.01	0.002	0.16	<0.1	6.3	0.20	<0.02	53	0.5	<0.02	2.0	2.79	<0.1
120631	Soil	13.1	15.7	0.29	109.1	0.003	2	1.04	0.002	0.10	<0.1	1.6	0.09	0.04	21	0.2	<0.02	2.9	1.54	<0.1
120632	Soil	11.8	17.9	0.32	106.7	0.005	2	1.17	0.001	0.09	<0.1	1.7	0.09	<0.02	6	0.3	0.03	3.1	1.52	<0.1
121513	Soil	11.0	27.8	5.02	76.8	0.011	1	0.69	0.009	0.04	0.1	2.7	0.13	<0.02	13	0.3	0.07	1.5	0.50	<0.1
121514	Soil	6.5	52.9	7.26	52.7	0.002	3	0.20	0.016	0.03	<0.1	5.1	0.35	<0.02	18	0.2	0.06	0.5	0.68	<0.1
121515	Soil	1.4	3.9	9.08	15.3	0.002	1	0.09	0.010	<0.01	<0.1	0.3	0.04	<0.02	5	<0.1	<0.02	0.1	0.09	<0.1
121516	Soil	30.3	14.8	0.46	186.2	0.003	5	1.35	<0.001	0.18	<0.1	13.2	0.23	0.04	59	0.6	0.07	3.9	3.56	<0.1
121517	Soil	8.5	11.0	1.53	288.8	0.003	8	0.57	0.009	0.24	<0.1	4.9	0.10	0.03	12	<0.1	0.04	1.3	2.22	<0.1
121518	Soil	9.8	8.5	0.48	88.7	0.001	6	0.39	0.004	0.16	<0.1	3.1	0.07	<0.02	24	<0.1	0.06	1.1	0.80	<0.1



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD	7TD
		Nb ppm 0.02	Rb ppm 0.1	Sn ppm 0.1	Ta ppm 0.05	Zr ppm 0.1	Y ppm 0.01	Ce ppm 0.1	In ppm 0.02	Re ppb 1	Be ppm 0.1	Li ppm 0.1	Pd ppb 10	Pt ppb 2	Pb % 0.02	Zn % 0.01
120609	Soil	0.92	6.9	1.2	<0.05	14.5	14.91	47.5	0.05	2	1.5	10.3	<10	3	N.A.	N.A.
120610	Soil	0.27	8.8	0.9	<0.05	1.0	15.20	33.0	0.03	1	1.3	5.3	18	<2	N.A.	N.A.
120611	Soil	0.06	4.4	0.9	<0.05	1.2	6.82	15.0	<0.02	<1	0.4	1.6	<10	<2	N.A.	N.A.
120612	Soil	0.09	3.3	0.7	<0.05	1.0	5.79	7.9	<0.02	<1	0.2	2.4	<10	<2	N.A.	N.A.
120613	Soil	0.10	2.9	0.4	<0.05	1.2	6.12	8.5	<0.02	<1	0.2	3.0	<10	<2	N.A.	N.A.
120614	Soil	0.24	4.5	0.8	<0.05	1.9	13.34	16.0	0.02	1	0.4	5.3	<10	<2	N.A.	N.A.
120615	Soil	0.11	2.3	0.4	<0.05	0.5	6.79	9.6	<0.02	<1	0.2	2.6	<10	<2	N.A.	N.A.
120616	Soil	0.16	3.4	0.5	<0.05	1.3	7.41	12.5	<0.02	2	0.3	3.2	<10	<2	N.A.	N.A.
120617	Soil	0.33	6.0	0.5	<0.05	0.7	11.35	29.5	<0.02	2	0.6	6.6	<10	<2	N.A.	N.A.
120618	Soil	1.27	7.2	0.6	<0.05	1.4	19.40	39.5	0.03	1	0.8	16.3	<10	<2	N.A.	N.A.
120619	Soil	0.89	8.6	0.6	<0.05	1.5	15.33	40.2	0.03	1	1.0	17.2	<10	<2	N.A.	N.A.
120620	Soil	0.77	9.2	0.7	<0.05	0.6	9.23	46.3	0.03	1	0.8	11.8	<10	<2	N.A.	N.A.
120621	Soil	0.30	3.3	0.6	<0.05	0.8	9.75	20.1	<0.02	<1	0.3	5.0	<10	<2	N.A.	N.A.
120622	Soil	0.25	7.0	0.9	<0.05	1.7	14.07	34.4	0.03	1	0.9	13.6	<10	<2	N.A.	N.A.
120623	Soil	0.42	7.1	1.6	<0.05	0.3	2.44	17.3	<0.02	1	0.2	4.7	<10	<2	N.A.	N.A.
120624	Soil	0.12	7.3	0.9	<0.05	0.7	2.77	7.8	0.04	<1	0.5	7.4	<10	<2	N.A.	N.A.
120625	Soil	0.20	8.9	0.9	<0.05	0.6	2.60	10.7	0.02	<1	0.6	11.9	<10	<2	N.A.	N.A.
120626	Soil	0.24	15.9	0.8	<0.05	0.7	3.40	12.5	0.05	1	0.7	12.2	<10	<2	N.A.	N.A.
120627	Soil	0.08	10.4	0.8	<0.05	1.2	2.25	9.4	<0.02	1	0.5	5.9	<10	<2	N.A.	N.A.
120628	Soil	0.17	9.8	0.7	<0.05	3.2	11.27	31.4	0.04	<1	1.1	11.5	<10	<2	N.A.	N.A.
120629	Soil	0.16	7.4	0.6	<0.05	0.3	2.47	11.9	<0.02	<1	0.4	8.1	<10	<2	N.A.	N.A.
120630	Soil	0.10	10.6	0.7	<0.05	6.3	67.38	52.3	<0.02	<1	2.2	50.3	26	<2	N.A.	N.A.
120631	Soil	0.14	11.5	0.7	<0.05	1.3	9.23	33.1	0.02	<1	0.8	12.3	<10	<2	N.A.	N.A.
120632	Soil	0.25	10.2	0.6	<0.05	0.9	9.52	40.2	0.03	1	1.0	14.5	<10	<2	N.A.	N.A.
121513	Soil	0.24	3.3	0.7	<0.05	1.0	11.07	17.0	<0.02	<1	0.4	5.0	<10	<2	N.A.	N.A.
121514	Soil	0.05	1.4	0.3	<0.05	0.7	7.42	5.8	<0.02	1	0.2	1.0	<10	2	N.A.	N.A.
121515	Soil	0.03	0.9	0.5	<0.05	0.7	1.90	2.1	<0.02	<1	0.1	0.6	<10	<2	N.A.	N.A.
121516	Soil	0.27	16.9	1.1	<0.05	2.8	33.48	82.4	0.06	2	1.1	15.7	<10	2	N.A.	N.A.
121517	Soil	0.03	12.4	0.7	<0.05	11.3	9.05	21.7	0.02	2	0.9	4.6	<10	<2	N.A.	N.A.
121518	Soil	0.10	6.9	0.5	<0.05	4.9	6.68	20.6	<0.02	<1	0.6	3.5	<10	<2	N.A.	N.A.



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		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
																					0.001
121519	Soil		0.33	6.98	6.87	32.9	14	12.4	6.6	198	1.57	1.1	0.4	<0.2	2.9	857.2	0.02	0.06	0.06	6	18.15
121520	Soil		0.52	9.40	7.83	32.4	24	14.8	8.6	282	1.55	1.7	0.5	6.6	2.7	729.5	0.08	0.14	0.16	6	17.21
121521	Soil		1.96	17.83	16.99	66.7	79	45.5	15.7	465	3.21	5.0	0.8	5.1	2.3	63.2	0.24	0.32	0.22	37	2.01
121522	Soil		0.95	18.27	11.47	78.2	70	18.7	6.5	92	1.95	7.6	0.9	<0.2	1.4	6.5	0.08	0.53	0.29	21	0.03
121523	Soil		0.51	40.47	28.50	79.3	14	31.4	20.8	494	3.75	8.0	0.8	1.4	7.1	10.7	0.04	0.44	0.45	17	0.67
121524	Soil		0.79	37.96	53.55	88.4	53	28.7	27.2	2832	4.10	6.7	1.0	2.6	3.1	9.5	0.07	0.34	0.45	25	0.34
121525	Soil		0.29	29.50	38.81	34.4	67	10.1	7.1	87	1.64	14.9	0.2	0.9	3.0	22.0	0.03	0.59	0.55	6	0.92
121526	Soil		0.57	8.49	707.0	1853	256	6.4	3.0	857	1.18	8.0	0.9	1.0	1.1	65.8	6.08	0.79	0.07	9	14.02
121527	Soil		3.45	7.30	3541	>10000	279	6.6	2.4	1539	10.07	28.0	2.5	1.0	0.8	45.3	14.98	2.94	0.05	4	11.91
121528	Soil		0.97	58.15	96.41	148.1	899	40.6	30.4	521	4.22	47.7	1.7	1.7	6.0	53.3	0.30	4.60	0.76	15	0.59
121529	Soil		0.94	7.48	7.31	32.1	23	11.2	3.7	114	0.74	10.4	0.8	2.3	0.9	113.7	0.18	0.27	0.11	6	19.26
121530	Soil		0.60	7.17	5.91	35.3	39	9.7	3.7	203	0.72	7.5	0.3	<0.2	0.4	26.3	0.21	0.24	0.12	8	5.35
121531	Soil		1.10	7.45	6.32	48.8	62	9.2	3.9	267	1.06	5.6	0.4	1.3	0.5	23.9	0.25	0.33	0.13	17	7.48
121532	Soil		0.86	4.17	4.16	23.9	33	5.3	2.1	142	0.52	3.2	0.3	0.6	0.3	32.0	0.14	0.21	0.05	10	8.59
121533	Soil		1.85	7.19	9.19	24.5	51	12.5	3.9	79	1.06	5.0	0.3	0.7	1.1	77.5	0.29	0.20	0.09	4	13.75
121534	Soil		0.50	5.57	4.13	26.5	25	7.9	2.9	98	0.62	7.5	0.3	1.0	0.4	34.7	0.12	0.16	0.06	6	5.48
121535	Soil		0.96	13.20	9.93	58.8	29	26.0	10.9	323	2.31	3.5	0.5	0.8	2.6	512.9	0.08	0.16	0.12	12	14.26
121536	Soil		1.44	12.17	11.12	68.5	112	18.1	7.5	406	1.76	10.5	0.7	1.8	0.8	31.1	0.50	0.63	0.16	29	7.10
121537	Soil		0.82	8.20	6.12	23.1	30	10.8	4.7	180	1.09	11.2	0.4	0.9	0.8	80.5	0.14	0.24	0.07	12	14.71
121538	Soil		1.30	19.02	10.20	47.8	51	22.0	10.4	327	2.07	10.5	0.6	1.1	1.6	185.5	0.15	0.38	0.09	26	12.02
121539	Soil		0.97	14.82	11.52	36.1	55	15.7	9.0	353	1.66	9.9	0.6	2.3	1.1	81.7	0.17	0.34	0.10	18	12.92
121540	Soil		3.74	82.54	40.91	216.3	1239	62.5	26.2	537	4.12	9.9	2.1	1.7	4.2	153.9	1.25	1.54	0.32	43	4.03
121541	Soil		1.35	41.51	23.67	99.0	284	33.7	18.4	466	3.33	8.8	0.8	1.0	2.2	106.0	0.25	0.72	0.22	38	4.30
121542	Soil		0.68	15.65	15.14	52.5	75	14.9	8.4	732	1.68	6.2	0.4	0.7	0.9	64.6	0.21	0.36	0.18	12	6.96
121543	Soil		0.82	44.40	42.17	82.8	40	29.7	23.4	795	3.77	26.3	0.8	1.5	6.0	11.1	0.07	0.76	0.53	25	0.28
121544	Soil		0.91	34.43	29.85	68.4	94	24.9	14.3	1596	2.57	14.3	0.6	2.1	2.7	58.0	0.18	0.58	0.26	21	6.46
121545	Soil		1.10	32.79	22.96	98.6	101	26.8	16.1	751	3.13	13.2	0.6	0.9	2.3	30.2	0.30	0.95	0.25	28	2.03
121546	Soil		1.34	24.07	17.79	64.6	106	22.0	12.2	494	2.16	9.8	0.6	1.0	1.7	73.3	0.42	0.51	0.17	20	7.51
121547	Soil		0.94	13.67	11.07	43.1	63	14.7	7.3	279	1.62	6.7	0.5	0.4	1.5	85.1	0.21	0.31	0.11	16	10.80
121548	Soil		1.02	13.44	10.98	46.7	96	15.7	7.2	211	1.93	9.2	0.6	0.4	1.6	66.1	0.25	0.37	0.10	23	10.27



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Project: Scarlet
Report Date: August 13, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
121519	Soil	9.6	7.8	0.74	87.0	0.001	5	0.37	0.005	0.14	<0.1	3.4	0.04	0.04	<5	<0.1	0.10	0.9	0.93	<0.1
121520	Soil	12.9	7.9	0.38	144.3	0.001	7	0.41	0.004	0.12	<0.1	3.0	0.06	0.06	23	0.3	0.07	1.0	1.59	<0.1
121521	Soil	29.4	22.4	0.26	153.0	0.002	7	0.99	0.001	0.16	<0.1	4.7	0.27	0.05	50	0.6	0.02	2.7	1.28	<0.1
121522	Soil	7.3	14.3	0.11	38.2	0.005	2	0.76	<0.001	0.06	<0.1	1.0	0.03	0.05	244	0.4	0.03	2.8	1.85	<0.1
121523	Soil	3.4	31.9	0.63	311.8	0.005	3	1.20	0.003	0.14	0.2	3.0	0.09	<0.02	22	0.1	0.03	3.9	2.01	<0.1
121524	Soil	4.6	28.8	0.59	132.7	0.004	2	1.79	0.002	0.12	<0.1	4.2	0.13	<0.02	30	0.3	0.03	6.9	4.09	<0.1
121525	Soil	2.4	5.3	0.52	61.5	<0.001	2	0.32	<0.001	0.09	<0.1	3.8	0.27	<0.02	605	<0.1	0.11	1.3	8.22	<0.1
121526	Soil	4.4	6.5	7.67	30.4	0.008	1	0.31	0.009	0.02	<0.1	1.1	0.30	<0.02	2646	0.4	0.02	1.0	0.43	<0.1
121527	Soil	3.9	3.6	6.52	8.5	0.001	2	0.09	0.006	0.02	<0.1	0.8	5.07	<0.02	648	1.4	0.03	1.0	0.39	0.4
121528	Soil	7.8	17.9	0.58	89.9	0.002	3	1.22	0.003	0.24	<0.1	5.4	0.21	0.26	118	0.8	0.09	3.3	5.63	<0.1
121529	Soil	4.2	6.7	7.59	40.4	0.003	4	0.26	0.012	0.07	<0.1	1.2	0.10	<0.02	17	0.3	<0.02	0.6	1.71	<0.1
121530	Soil	5.5	7.1	2.70	47.4	0.003	3	0.36	0.003	0.05	<0.1	0.7	0.08	0.02	17	0.3	0.04	0.7	0.87	<0.1
121531	Soil	6.4	11.1	4.61	57.9	0.009	2	0.62	0.005	0.03	<0.1	1.1	0.06	0.02	15	0.2	<0.02	1.2	0.55	<0.1
121532	Soil	4.5	5.9	5.09	92.4	0.006	2	0.27	0.005	0.01	<0.1	0.7	0.03	<0.02	10	0.2	<0.02	0.6	0.25	<0.1
121533	Soil	3.5	5.9	6.23	69.9	0.001	2	0.15	0.008	0.05	<0.1	1.3	0.12	<0.02	25	0.3	<0.02	0.4	0.95	<0.1
121534	Soil	3.2	4.9	2.53	31.0	0.002	1	0.25	0.003	0.03	<0.1	0.6	0.09	<0.02	8	0.2	<0.02	0.6	0.61	<0.1
121535	Soil	14.0	10.7	1.36	77.6	0.002	4	0.64	0.004	0.12	<0.1	4.4	0.18	<0.02	19	0.4	0.03	1.7	1.04	<0.1
121536	Soil	10.5	19.1	3.85	108.4	0.012	2	0.93	0.006	0.04	0.1	1.5	0.09	0.03	36	0.5	0.03	2.4	0.59	<0.1
121537	Soil	7.0	7.1	6.61	32.2	0.005	4	0.28	0.011	0.05	<0.1	1.6	0.14	<0.02	12	0.4	0.03	0.8	1.28	<0.1
121538	Soil	10.6	13.9	4.52	50.8	0.023	6	0.74	0.008	0.09	<0.1	3.3	0.17	<0.02	20	0.4	0.03	2.3	1.41	<0.1
121539	Soil	7.5	11.0	6.31	54.4	0.010	4	0.48	0.009	0.06	<0.1	2.7	0.14	0.02	15	0.5	0.05	1.4	1.93	<0.1
121540	Soil	12.5	26.4	0.99	93.2	0.003	6	1.11	0.004	0.19	<0.1	5.9	0.17	0.16	45	4.8	0.21	3.2	2.81	<0.1
121541	Soil	12.8	20.4	2.05	108.6	0.019	6	1.35	0.007	0.16	<0.1	4.9	0.14	0.06	43	1.1	0.06	3.9	2.68	<0.1
121542	Soil	9.9	10.7	0.75	118.0	0.003	4	0.75	0.004	0.10	<0.1	1.6	0.08	0.05	27	0.4	0.03	1.9	0.93	<0.1
121543	Soil	4.1	24.6	0.41	113.7	0.010	2	0.93	0.002	0.07	0.2	3.5	0.07	<0.02	10	0.3	0.06	2.9	4.41	<0.1
121544	Soil	5.8	18.4	3.01	140.5	0.011	3	1.14	0.006	0.09	<0.1	3.7	0.11	<0.02	31	0.4	0.03	3.0	4.77	<0.1
121545	Soil	8.6	23.8	0.96	155.5	0.007	4	1.25	0.002	0.16	<0.1	4.6	0.10	0.05	53	0.6	0.03	3.7	1.13	<0.1
121546	Soil	8.1	15.6	3.73	76.2	0.007	6	0.73	0.006	0.08	<0.1	3.2	0.12	0.06	26	0.7	0.06	2.0	1.89	<0.1
121547	Soil	6.4	10.8	5.29	52.0	0.007	3	0.50	0.007	0.06	<0.1	2.3	0.09	<0.02	17	0.5	0.02	1.4	1.10	<0.1
121548	Soil	8.5	12.0	5.24	46.1	0.008	3	0.63	0.007	0.07	<0.1	3.0	0.13	<0.02	22	0.5	0.04	1.8	1.05	<0.1



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD	7TD
		Nb ppm 0.02	Rb ppm 0.1	Sn ppm 0.1	Ta ppm 0.05	Zr ppm 0.1	Y ppm 0.01	Ce ppm 0.1	In ppm 0.02	Re ppb 1	Be ppm 0.1	Li ppm 0.1	Pd ppb 10	Pt ppb 2	Pb % 0.02	Zn % 0.01
121519	Soil	0.07	6.4	0.3	<0.05	7.9	7.27	21.4	<0.02	<1	0.6	3.9	<10	<2	N.A.	N.A.
121520	Soil	0.16	7.4	0.6	<0.05	6.2	8.88	27.8	0.05	<1	0.7	5.1	<10	<2	N.A.	N.A.
121521	Soil	0.37	11.9	0.9	<0.05	7.2	19.02	48.5	0.05	<1	1.5	11.9	<10	<2	N.A.	N.A.
121522	Soil	0.24	9.6	0.8	<0.05	2.1	4.20	17.4	<0.02	<1	0.6	8.3	<10	<2	N.A.	N.A.
121523	Soil	0.14	11.8	1.4	<0.05	1.7	7.67	7.9	<0.02	<1	1.0	24.2	<10	<2	N.A.	N.A.
121524	Soil	0.22	17.2	1.1	<0.05	2.0	7.74	14.2	0.03	<1	1.3	31.2	<10	<2	N.A.	N.A.
121525	Soil	<0.02	12.4	0.9	<0.05	2.3	3.39	5.1	0.02	<1	0.2	1.3	<10	<2	N.A.	N.A.
121526	Soil	0.11	2.1	0.4	<0.05	1.1	4.67	7.8	<0.02	<1	0.3	3.2	<10	<2	N.A.	N.A.
121527	Soil	0.03	0.9	0.4	<0.05	1.1	5.17	6.9	<0.02	<1	0.2	0.6	<10	<2	0.43	1.31
121528	Soil	0.04	13.4	1.2	<0.05	3.5	14.48	19.0	0.04	<1	1.2	23.7	14	<2	N.A.	N.A.
121529	Soil	0.08	4.8	0.6	<0.05	1.0	3.79	9.7	<0.02	<1	0.3	2.1	<10	<2	N.A.	N.A.
121530	Soil	0.06	3.9	0.4	<0.05	0.7	5.71	8.7	<0.02	<1	0.3	2.1	<10	<2	N.A.	N.A.
121531	Soil	0.18	3.8	0.3	<0.05	0.5	7.00	11.0	<0.02	2	0.2	4.8	<10	<2	N.A.	N.A.
121532	Soil	0.09	1.8	0.5	<0.05	0.4	4.32	7.0	<0.02	<1	0.2	2.4	<10	<2	N.A.	N.A.
121533	Soil	0.03	2.9	0.6	<0.05	0.7	3.34	7.7	<0.02	<1	0.3	1.2	<10	<2	N.A.	N.A.
121534	Soil	0.04	2.7	0.2	<0.05	0.6	2.99	6.5	<0.02	<1	0.2	1.7	<10	<2	N.A.	N.A.
121535	Soil	0.06	6.8	0.6	<0.05	2.9	9.51	31.6	0.03	<1	0.8	10.9	<10	<2	N.A.	N.A.
121536	Soil	0.35	5.6	1.4	<0.05	0.7	9.14	18.8	<0.02	<1	0.4	7.3	<10	<2	N.A.	N.A.
121537	Soil	0.12	3.3	0.3	<0.05	0.8	5.71	12.9	<0.02	<1	0.2	2.5	<10	<2	N.A.	N.A.
121538	Soil	0.40	6.3	0.5	<0.05	2.0	7.92	20.1	<0.02	<1	0.5	7.9	<10	<2	N.A.	N.A.
121539	Soil	0.21	5.1	0.6	<0.05	1.1	7.08	15.2	<0.02	<1	0.4	7.0	<10	<2	N.A.	N.A.
121540	Soil	0.12	10.8	1.6	<0.05	6.6	13.70	27.0	0.05	4	1.2	19.6	16	3	N.A.	N.A.
121541	Soil	1.04	10.4	0.9	<0.05	4.1	10.91	25.0	0.04	<1	0.9	22.0	<10	<2	N.A.	N.A.
121542	Soil	0.17	6.3	0.5	<0.05	2.1	7.05	22.5	<0.02	<1	0.6	12.3	<10	<2	N.A.	N.A.
121543	Soil	0.16	6.9	0.8	<0.05	3.4	9.12	11.1	<0.02	<1	1.0	24.4	<10	<2	N.A.	N.A.
121544	Soil	0.24	8.8	0.9	<0.05	2.6	6.66	12.5	<0.02	<1	0.8	22.9	<10	<2	N.A.	N.A.
121545	Soil	0.55	10.4	0.5	<0.05	2.5	8.67	18.6	0.03	<1	0.9	19.8	<10	<2	N.A.	N.A.
121546	Soil	0.40	6.3	1.4	<0.05	2.5	7.91	17.3	<0.02	2	0.7	14.0	<10	<2	N.A.	N.A.
121547	Soil	0.23	3.8	1.8	<0.05	1.5	5.59	13.5	<0.02	<1	0.4	10.3	<10	<2	N.A.	N.A.
121548	Soil	0.31	5.1	0.6	<0.05	1.9	7.21	15.9	<0.02	<1	0.5	9.0	<10	<2	N.A.	N.A.



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
121549	Soil	1.29	27.37	21.89	65.1	70	20.0	10.1	556	2.03	10.3	0.8	1.2	1.2	50.0	0.25	0.42	0.19	18	7.09
121550	Soil	1.51	23.38	19.14	47.6	72	19.2	8.0	522	1.95	11.3	0.9	1.9	1.1	41.0	0.22	0.45	0.18	15	6.20
121635	Soil	0.84	31.84	22.86	91.1	48	34.5	17.1	692	3.15	7.1	0.9	2.8	4.1	14.6	0.30	0.47	0.27	28	0.17
121636	Soil	0.74	18.01	13.71	96.0	62	20.0	7.7	342	2.55	8.2	1.0	2.3	1.4	14.0	0.27	0.70	0.26	27	0.41
121637	Soil	0.64	26.95	19.79	77.1	73	25.3	12.9	479	2.55	18.8	1.6	2.7	1.8	16.6	0.22	1.33	0.31	14	1.18
121638	Soil	0.66	30.46	21.30	66.7	141	26.0	12.7	797	2.81	13.3	1.4	2.4	3.9	35.1	0.13	1.31	0.25	16	4.95
121639	Soil	0.72	16.92	16.93	51.8	135	18.5	6.9	496	2.08	7.9	1.6	3.9	1.0	78.8	0.16	0.93	0.26	18	6.79
121640	Soil	0.80	34.36	37.85	139.4	211	46.5	22.3	616	3.97	18.7	1.3	2.5	5.8	45.7	0.15	3.06	0.42	12	1.40
121641	Soil	0.89	59.59	64.83	184.4	445	54.3	25.1	1741	6.03	11.5	7.8	1.9	6.4	32.0	0.29	1.07	0.49	16	0.34
121642	Soil	0.51	25.39	24.09	79.3	181	26.2	10.6	323	2.86	7.2	2.1	0.7	2.8	61.3	0.08	0.55	0.31	17	1.56
121643	Soil	0.52	28.40	23.37	81.7	110	24.9	11.8	588	2.73	11.1	1.3	2.2	2.9	49.5	0.13	0.99	0.30	16	2.75
121644	Soil	0.71	28.88	43.93	96.9	52	24.8	23.6	1494	3.98	6.1	0.6	1.5	2.9	11.2	0.13	0.28	0.40	32	0.14
121645	Soil	0.64	31.91	64.26	129.3	58	24.4	34.9	2495	3.96	5.1	0.5	0.8	2.4	9.8	0.21	0.28	0.51	30	0.07
121646	Soil	1.19	20.07	20.37	75.0	84	16.8	6.7	322	4.77	7.6	0.6	1.8	2.5	6.0	0.13	0.66	0.44	51	0.06
121647	Soil	0.74	21.48	30.64	128.1	182	20.8	18.7	1949	3.61	3.5	0.5	0.4	2.2	6.6	0.24	0.31	0.41	37	0.05
121648	Soil	0.58	16.95	29.33	126.0	195	21.1	19.7	2344	3.37	4.0	0.5	0.4	3.2	10.0	0.19	0.25	0.40	36	0.07
121649	Soil	1.09	16.23	22.00	110.3	66	19.6	9.3	470	4.21	7.1	0.5	0.4	3.4	5.7	0.13	0.59	0.39	47	0.03
121801	Soil	29.17	16.43	28.16	96.7	245	32.9	9.7	350	2.98	26.4	12.2	1.6	1.3	30.2	0.09	2.82	0.24	87	2.72
121802	Soil	10.97	10.63	9.79	69.6	173	33.6	4.6	370	1.09	49.9	17.1	1.3	0.6	90.6	0.48	3.82	0.09	88	9.49
121803	Soil	41.31	13.62	14.04	81.4	294	33.8	4.4	193	1.05	48.7	8.0	0.6	0.8	80.1	0.49	1.62	0.06	61	10.58
121804	Soil	8.47	9.19	13.23	46.6	287	17.7	3.7	182	1.03	30.8	5.0	1.3	1.1	151.0	0.29	0.54	0.07	58	10.33
121805	Soil	22.30	10.76	11.41	55.5	126	23.6	9.5	294	1.98	34.1	9.5	0.8	0.9	126.7	0.19	0.75	0.05	48	10.29
121806	Soil	0.82	4.23	49.86	106.2	85	7.3	2.4	589	0.86	6.4	1.5	0.8	0.3	68.3	0.42	0.52	0.06	15	15.11
121807	Soil	12.62	2.42	2320	7889	89	1.0	0.5	1927	18.03	46.3	5.6	<0.2	0.1	58.3	3.64	7.75	<0.02	<2	8.41
121808	Soil	2.75	8.41	188.2	770.7	586	2.7	1.5	1484	5.54	11.1	5.1	0.8	0.4	122.4	1.42	2.74	0.03	4	15.27
121809	Soil	2.04	21.95	28.48	166.2	81	19.7	8.4	432	1.99	19.4	2.2	0.8	0.9	73.3	0.29	0.55	0.30	27	3.93
121810	Soil	1.31	12.78	29.88	40.3	81	13.1	6.6	321	2.00	12.4	0.9	0.4	1.2	62.2	0.09	0.41	0.31	15	4.53
121811	Soil	1.13	0.99	139.6	1264	519	2.3	1.0	1782	3.94	7.9	1.8	<0.2	<0.1	33.6	1.10	2.50	<0.02	<2	10.96
121812	Soil	0.74	3.06	14.16	108.9	48	7.7	1.8	399	0.69	9.3	1.6	<0.2	0.2	86.6	0.18	0.94	0.03	21	17.16
121813	Soil	1.16	8.39	45.55	195.4	124	14.7	5.0	765	2.21	15.7	1.5	<0.2	0.4	63.6	0.44	1.42	0.10	27	12.20



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Project: Scarlet
Report Date: August 13, 2011

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CERTIFICATE OF ANALYSIS

WHI11000454.2

	Method	Analyte	Unit	MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15			
					La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
					ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
					0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
121549	Soil				8.3	18.8	3.56	69.5	0.004	3	0.72	0.005	0.07	<0.1	3.3	0.08	0.04	17	0.6	0.04	2.0	2.91	<0.1	0.05
121550	Soil				8.8	15.8	3.13	62.1	0.003	3	0.65	0.003	0.06	<0.1	2.7	0.09	0.05	31	0.5	0.03	1.6	2.52	<0.1	0.04
121635	Soil				9.6	31.0	0.56	110.4	0.016	<1	1.57	0.003	0.08	<0.1	3.8	0.09	<0.02	22	0.3	0.04	5.4	1.92	<0.1	0.03
121636	Soil				10.4	25.0	0.41	115.2	0.006	1	1.38	0.004	0.07	<0.1	2.8	0.10	0.04	29	0.3	0.03	4.3	1.10	<0.1	0.03
121637	Soil				8.9	13.9	0.58	69.7	0.003	3	0.64	0.003	0.08	<0.1	3.8	0.08	0.04	70	0.4	0.04	2.2	0.68	<0.1	0.05
121638	Soil				12.8	20.0	3.18	88.6	0.004	2	1.16	0.004	0.06	<0.1	4.6	0.07	<0.02	92	0.6	0.05	3.1	1.04	<0.1	0.08
121639	Soil				8.5	18.5	3.09	77.6	0.007	3	0.96	0.005	0.06	<0.1	2.1	0.07	0.03	75	0.7	0.02	2.4	0.80	<0.1	0.05
121640	Soil				8.5	16.3	0.79	80.5	0.003	2	0.96	0.002	0.12	<0.1	5.9	0.29	0.03	116	0.4	<0.02	3.1	2.16	<0.1	0.03
121641	Soil				6.8	17.8	0.43	139.2	0.002	3	1.47	0.002	0.11	<0.1	6.1	0.27	0.05	91	1.0	<0.02	2.5	3.01	<0.1	0.11
121642	Soil				7.5	22.6	0.97	94.7	0.003	4	1.25	0.003	0.09	<0.1	4.4	0.08	0.05	45	0.7	<0.02	3.6	1.59	<0.1	0.10
121643	Soil				8.0	17.2	1.64	87.1	0.003	3	0.99	0.003	0.08	<0.1	3.9	0.09	0.03	94	0.5	0.03	3.2	1.23	<0.1	0.05
121644	Soil				6.1	34.3	0.36	127.8	0.003	<1	1.89	0.004	0.13	<0.1	4.3	0.11	0.05	79	0.3	0.03	7.1	2.88	<0.1	<0.02
121645	Soil				4.8	29.4	0.27	149.1	0.002	<1	1.77	0.002	0.14	<0.1	3.3	0.12	0.02	44	0.3	0.03	7.3	2.05	<0.1	<0.02
121646	Soil				6.6	32.0	0.27	57.4	0.007	<1	1.74	<0.001	0.12	0.1	2.1	0.09	0.02	14	0.4	0.06	8.4	0.85	<0.1	<0.02
121647	Soil				6.1	27.2	0.19	245.9	0.003	<1	1.92	0.001	0.14	<0.1	2.4	0.12	0.03	23	0.3	<0.02	7.9	1.15	<0.1	0.04
121648	Soil				7.5	25.5	0.32	444.9	0.003	2	2.00	0.002	0.17	<0.1	2.9	0.14	<0.02	11	0.2	<0.02	7.6	1.02	<0.1	0.03
121649	Soil				7.2	30.4	0.33	169.3	0.004	1	2.28	<0.001	0.10	<0.1	2.6	0.12	<0.02	22	0.4	0.02	7.9	1.86	<0.1	0.03
121801	Soil				12.4	29.5	1.12	145.2	0.006	3	1.42	0.001	0.07	0.1	3.4	0.48	0.06	85	1.0	0.02	4.4	0.92	<0.1	0.04
121802	Soil				9.8	19.8	6.82	173.4	0.007	3	0.46	0.011	0.09	<0.1	1.1	1.07	0.05	92	0.4	0.08	1.3	0.49	<0.1	0.04
121803	Soil				5.2	13.5	7.13	25.7	0.002	3	0.24	0.010	0.10	<0.1	1.5	1.08	0.03	39	0.6	0.07	0.7	1.34	<0.1	0.04
121804	Soil				5.6	13.3	7.02	63.8	0.001	3	0.23	0.007	0.08	<0.1	1.9	0.85	0.03	129	0.4	<0.02	0.7	0.60	<0.1	0.03
121805	Soil				10.0	10.6	7.08	45.6	0.002	3	0.37	0.009	0.09	<0.1	2.0	0.68	0.06	44	0.2	0.04	0.9	0.49	<0.1	0.04
121806	Soil				6.0	5.8	8.07	37.1	0.006	2	0.27	0.007	0.03	<0.1	0.7	0.37	<0.02	57	0.4	<0.02	0.7	0.43	<0.1	<0.02
121807	Soil				3.6	3.2	4.35	26.2	0.001	<1	0.05	0.006	<0.01	<0.1	0.5	39.32	0.34	2757	0.6	<0.02	0.7	0.11	4.2	<0.02
121808	Soil				4.8	4.4	8.27	52.6	0.003	2	0.15	0.008	0.03	<0.1	0.6	5.36	0.05	545	0.3	<0.02	0.6	0.22	0.1	<0.02
121809	Soil				6.4	12.5	1.48	72.1	0.001	8	0.62	0.005	0.12	<0.1	2.0	0.61	0.11	78	0.5	0.04	2.1	2.43	<0.1	0.05
121810	Soil				4.4	6.6	2.25	83.4	<0.001	6	0.26	0.007	0.20	<0.1	1.9	0.34	0.27	27	0.2	0.03	0.9	1.78	<0.1	<0.02
121811	Soil				1.2	2.1	5.98	14.1	<0.001	<1	0.01	0.004	<0.01	<0.1	0.2	8.99	<0.02	3392	0.3	<0.02	0.6	<0.02	0.2	<0.02
121812	Soil				3.2	9.1	9.39	23.4	0.003	1	0.15	0.008	0.03	<0.1	0.8	0.41	<0.02	32	0.5	0.03	0.6	0.27	<0.1	0.03
121813	Soil				8.8	15.4	5.76	77.6	0.004	5	0.71	0.006	0.07	<0.1	1.0	0.96	0.04	68	0.5	0.04	1.6	0.66	<0.1	0.03



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD	7TD
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Pb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.02
121549	Soil	0.28	6.3	2.1	<0.05	1.8	9.41	17.2	<0.02	<1	1.1	14.2	<10	<2	N.A.
121550	Soil	0.25	5.2	1.9	<0.05	1.7	9.79	18.3	<0.02	<1	1.0	10.3	<10	<2	N.A.
121635	Soil	0.30	11.4	1.3	<0.05	1.1	6.89	24.3	0.03	<1	0.9	27.5	<10	<2	N.A.
121636	Soil	0.30	12.9	1.0	<0.05	1.0	8.38	19.8	0.02	<1	0.8	15.0	<10	<2	N.A.
121637	Soil	0.16	6.5	1.2	<0.05	1.7	8.90	18.4	0.02	<1	0.7	6.4	<10	<2	N.A.
121638	Soil	0.12	5.2	0.9	<0.05	2.9	15.22	23.7	<0.02	<1	1.0	28.5	<10	<2	N.A.
121639	Soil	0.31	5.0	1.7	<0.05	1.8	10.38	19.1	0.03	<1	0.3	16.5	<10	<2	N.A.
121640	Soil	0.15	8.6	1.5	<0.05	2.3	12.52	25.5	0.04	1	1.0	19.5	13	<2	N.A.
121641	Soil	0.14	6.7	1.0	<0.05	4.4	14.52	17.9	0.05	1	2.4	21.2	15	<2	N.A.
121642	Soil	0.23	5.8	0.9	<0.05	3.0	9.33	17.2	0.03	<1	0.9	36.9	11	<2	N.A.
121643	Soil	0.18	6.8	0.5	<0.05	2.2	9.26	18.5	0.03	<1	0.9	24.5	<10	<2	N.A.
121644	Soil	0.33	15.1	1.6	<0.05	0.9	6.09	19.0	0.02	<1	1.4	26.4	<10	<2	N.A.
121645	Soil	0.22	15.2	1.1	<0.05	0.7	5.01	16.5	0.05	<1	1.4	29.7	11	<2	N.A.
121646	Soil	0.87	10.9	1.4	<0.05	0.5	2.65	14.0	0.02	1	0.6	20.7	<10	<2	N.A.
121647	Soil	0.59	19.7	1.5	<0.05	1.3	2.48	12.9	<0.02	<1	1.0	25.7	11	<2	N.A.
121648	Soil	0.39	23.8	1.4	<0.05	1.2	3.19	16.9	0.03	1	1.7	28.0	<10	<2	N.A.
121649	Soil	0.73	16.6	1.0	<0.05	1.6	2.24	14.3	0.03	1	1.1	40.4	<10	<2	N.A.
121801	Soil	0.55	5.8	0.9	<0.05	1.2	10.46	26.7	0.02	3	0.8	7.8	<10	<2	N.A.
121802	Soil	0.20	4.1	1.1	<0.05	1.1	9.80	17.7	<0.02	2	0.4	3.3	<10	<2	N.A.
121803	Soil	0.05	3.8	1.1	<0.05	1.3	7.57	11.3	<0.02	2	0.4	1.8	<10	<2	N.A.
121804	Soil	0.07	3.2	0.8	<0.05	1.3	6.62	12.1	<0.02	<1	0.3	1.4	<10	<2	N.A.
121805	Soil	0.10	3.3	0.8	<0.05	1.3	10.89	20.7	<0.02	1	0.4	2.2	<10	<2	N.A.
121806	Soil	0.09	2.6	0.5	<0.05	0.4	5.69	9.7	<0.02	<1	0.4	2.1	<10	<2	N.A.
121807	Soil	0.04	0.6	0.6	<0.05	<0.1	4.77	5.4	<0.02	<1	0.2	0.4	23	<2	N.A.
121808	Soil	0.06	1.7	0.4	<0.05	0.4	5.46	7.6	<0.02	2	0.3	1.1	<10	<2	N.A.
121809	Soil	0.16	7.8	0.6	<0.05	1.5	8.63	10.6	0.03	<1	0.8	2.7	<10	<2	N.A.
121810	Soil	0.05	9.0	0.7	<0.05	1.0	6.34	8.6	0.03	<1	0.2	1.9	<10	<2	N.A.
121811	Soil	<0.02	<0.1	0.9	<0.05	0.2	1.40	1.8	<0.02	<1	0.2	0.2	<10	<2	N.A.
121812	Soil	0.10	1.7	0.9	<0.05	0.9	7.12	5.4	<0.02	2	0.2	1.4	<10	<2	N.A.
121813	Soil	0.21	5.6	0.7	<0.05	1.0	10.40	14.8	<0.02	<1	0.5	4.8	15	<2	N.A.



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Project: Scarlet
Report Date: August 13, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
121814	Soil	2.09	10.07	12.92	86.0	70	12.7	4.7	513	1.23	10.6	3.0	0.5	0.1	56.9	0.51	0.66	0.13	30	9.96
121815	Soil	0.88	17.02	16.20	23.2	42	15.2	12.0	261	0.84	22.4	2.8	0.6	0.2	62.3	0.13	1.55	0.12	33	17.91
121816	Soil	1.22	17.68	36.33	131.9	134	19.9	7.2	731	1.93	16.5	2.1	1.2	0.4	50.6	0.73	1.10	0.15	45	10.26
121817	Soil	3.81	15.33	14.17	99.5	24	35.1	5.7	154	1.84	34.3	5.5	0.3	2.8	155.2	0.37	1.29	0.22	67	16.71
121818	Soil	1.83	10.15	9.51	44.1	32	15.7	3.5	192	1.10	22.2	3.8	<0.2	0.8	116.2	0.24	0.79	0.17	40	14.86
121819	Soil	1.72	16.04	18.88	117.8	140	24.6	8.2	1353	1.94	12.6	1.1	1.3	0.4	28.0	0.65	1.10	0.20	46	7.01
121820	Soil	1.64	16.26	17.33	84.9	133	23.3	8.1	511	1.87	11.5	1.1	1.1	0.9	27.7	0.51	0.98	0.18	42	6.30
121821	Soil	3.19	12.96	23.74	103.9	88	21.3	8.7	445	2.60	12.5	1.0	1.1	2.2	23.4	0.43	0.94	0.24	43	3.27
121822	Soil	1.08	3.96	7.71	27.6	36	6.2	1.4	101	0.50	11.3	0.8	1.9	0.4	61.7	0.11	0.41	0.04	10	17.09
121823	Soil	2.85	9.61	47.26	150.5	102	16.8	6.3	462	1.76	12.5	1.5	1.6	1.2	51.6	0.44	0.64	0.11	34	7.85
121824	Soil	3.77	11.25	23.68	104.3	109	17.2	6.1	486	1.77	14.8	1.5	0.5	0.6	55.6	0.44	0.68	0.14	41	9.16
121825	Soil	5.93	11.26	15.24	60.5	129	19.4	5.3	314	1.62	20.8	3.7	1.2	0.6	58.5	0.41	0.66	0.15	32	7.52
121826	Soil	0.18	1.41	1.21	4.4	13	1.3	0.2	67	0.11	1.7	0.6	1.5	0.3	18.8	0.06	0.12	0.03	6	10.59
121827	Soil	7.04	27.70	24.52	245.2	25	77.7	11.6	160	4.65	188.0	1.5	0.5	5.1	41.0	0.44	2.95	0.46	169	5.67
121828	Soil	13.46	30.89	24.99	361.7	35	119.5	12.6	191	6.20	113.5	4.6	1.0	9.6	56.7	0.39	2.82	0.49	184	2.28
121829	Soil	11.30	21.35	29.34	316.6	56	106.3	7.3	128	3.38	25.3	9.0	1.0	2.9	112.0	0.48	4.14	0.45	153	3.98
121830	Soil	4.88	26.79	21.90	198.9	118	72.8	16.4	652	3.15	19.4	2.0	2.7	2.0	70.5	0.90	2.10	0.39	83	4.46
121831	Soil	3.72	13.18	15.91	109.0	59	37.6	5.9	212	2.31	57.7	1.8	0.4	2.1	157.2	0.55	1.65	0.28	70	11.22
121832	Soil	1.95	11.51	9.79	66.8	41	25.6	5.8	208	1.41	9.5	3.0	0.9	0.9	83.2	0.34	0.57	0.15	17	15.11
121833	Soil	2.16	11.92	8.64	51.5	73	19.1	5.8	258	1.43	8.9	2.5	1.1	1.6	73.4	0.41	0.65	0.13	23	13.72
121834	Soil	2.93	22.16	21.92	147.8	117	41.6	12.1	577	3.14	17.6	3.1	2.0	1.7	15.6	0.44	0.93	0.34	49	0.87
121835	Soil	1.58	11.19	7.60	119.1	34	37.2	5.7	207	1.00	50.4	1.5	0.8	1.1	65.7	0.43	0.70	0.12	25	23.98
121836	Soil	4.83	52.25	47.39	421.0	40	175.4	18.5	1789	4.35	132.2	4.1	0.8	17.7	23.1	0.65	2.30	0.57	79	2.61
121837	Soil	5.85	33.74	23.93	318.1	75	124.9	18.3	388	2.74	221.3	7.1	2.0	4.0	35.6	0.55	2.40	0.40	65	7.14
121838	Soil	4.53	35.24	23.07	305.6	46	118.1	13.1	410	2.94	378.3	9.8	1.5	2.5	46.8	0.57	1.86	0.38	86	13.38
121839	Soil	3.68	21.76	13.36	171.2	43	66.3	7.8	375	1.45	60.6	13.2	0.5	1.0	104.8	0.65	1.19	0.18	42	17.10
121840	Soil	2.13	9.65	6.35	40.3	34	11.9	3.6	241	0.71	10.0	4.4	0.8	0.6	123.1	0.28	0.45	0.08	18	18.92
121841	Soil	4.20	10.31	6.62	23.2	24	13.8	3.9	125	0.81	11.0	4.4	0.5	1.1	119.0	0.16	0.55	0.09	15	19.61
121842	Soil	0.62	5.76	5.73	42.2	30	10.4	2.7	192	0.54	4.0	0.6	0.4	0.3	47.9	0.45	0.26	0.05	10	18.52
121843	Soil	3.63	9.54	8.49	37.7	50	15.0	4.2	147	0.99	9.0	4.3	<0.2	0.9	114.7	0.22	0.57	0.14	16	17.26



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Project: Scarlet
Report Date: August 13, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
121814	Soil	9.6	11.5	4.50	85.4	0.003	4	0.65	0.007	0.05	<0.1	0.5	0.21	0.10	50	0.5	0.05	1.2	1.03	<0.1
121815	Soil	5.2	8.2	9.21	20.2	0.002	2	0.15	0.008	0.03	<0.1	0.5	0.26	<0.02	19	0.4	0.15	0.3	0.17	<0.1
121816	Soil	9.5	16.8	5.49	95.2	0.006	5	0.86	0.005	0.06	<0.1	1.1	0.54	0.04	55	0.4	0.06	1.8	0.73	<0.1
121817	Soil	10.5	10.4	4.16	77.6	0.004	9	0.53	0.006	0.11	<0.1	1.7	0.45	<0.02	16	0.4	0.09	1.8	7.55	<0.1
121818	Soil	7.6	8.1	5.77	41.5	0.004	7	0.40	0.008	0.10	<0.1	1.1	0.22	<0.02	14	0.2	0.09	1.0	6.08	<0.1
121819	Soil	11.1	18.7	3.55	129.8	0.006	6	1.22	0.005	0.07	<0.1	1.0	0.35	0.09	39	0.6	0.03	2.5	0.78	<0.1
121820	Soil	11.7	20.6	3.64	91.7	0.006	3	1.12	0.004	0.06	<0.1	1.7	0.17	0.05	54	0.5	0.02	2.3	0.72	<0.1
121821	Soil	14.2	25.5	1.98	170.9	0.005	4	1.53	0.004	0.09	<0.1	3.1	0.26	0.04	29	0.4	<0.02	4.2	1.14	<0.1
121822	Soil	6.4	5.2	9.01	24.5	0.003	3	0.19	0.007	0.03	<0.1	0.7	0.42	<0.02	15	0.4	<0.02	0.5	0.47	<0.1
121823	Soil	9.5	15.6	4.15	73.9	0.012	4	0.84	0.008	0.06	0.1	1.9	0.31	<0.02	414	0.3	0.06	2.0	0.92	<0.1
121824	Soil	11.9	18.5	4.66	78.7	0.007	4	1.01	0.006	0.07	<0.1	1.5	0.41	0.04	247	0.6	0.03	2.3	1.05	<0.1
121825	Soil	7.8	16.4	3.35	55.7	0.005	4	0.74	0.006	0.04	<0.1	1.4	0.39	0.03	42	0.4	0.03	1.6	0.65	<0.1
121826	Soil	2.7	2.1	5.44	8.3	<0.001	2	0.06	0.003	0.01	<0.1	0.3	0.05	<0.02	<5	0.3	0.04	0.1	0.44	<0.1
121827	Soil	12.0	21.7	0.22	138.9	0.004	11	0.98	<0.001	0.19	<0.1	2.3	0.97	<0.02	19	0.6	0.14	3.7	11.59	<0.1
121828	Soil	14.9	29.7	0.44	138.6	0.005	14	0.88	0.002	0.14	<0.1	2.4	1.08	<0.02	141	0.6	0.11	3.8	7.96	<0.1
121829	Soil	29.7	19.1	0.10	193.4	0.009	12	1.04	0.002	0.09	0.1	3.1	0.56	0.06	35	1.4	0.15	4.2	2.84	<0.1
121830	Soil	22.1	21.8	0.27	156.7	0.007	6	1.15	0.003	0.11	<0.1	2.7	0.53	0.05	44	0.7	0.06	3.3	4.91	<0.1
121831	Soil	13.6	15.4	2.53	101.6	0.005	6	0.71	0.005	0.09	<0.1	1.8	0.50	0.02	48	0.4	0.02	2.1	5.88	<0.1
121832	Soil	8.2	9.4	5.57	113.9	0.003	4	0.36	0.009	0.08	<0.1	1.4	0.72	<0.02	13	0.2	0.07	1.0	0.52	<0.1
121833	Soil	8.2	12.8	6.03	60.2	0.011	2	0.47	0.008	0.05	0.1	1.7	0.23	<0.02	10	0.4	0.04	1.3	0.39	<0.1
121834	Soil	19.0	27.5	0.53	304.9	0.006	2	1.74	0.004	0.08	<0.1	2.9	0.91	0.08	20	0.6	0.09	4.5	1.05	<0.1
121835	Soil	5.0	6.9	4.26	47.1	0.003	2	0.28	0.005	0.06	<0.1	1.2	0.36	<0.02	16	0.3	0.04	0.9	1.30	<0.1
121836	Soil	31.3	12.7	0.15	319.7	0.031	1	1.71	<0.001	0.09	0.1	9.2	3.33	<0.02	196	0.3	0.15	9.0	2.21	<0.1
121837	Soil	13.2	20.3	0.41	101.6	0.008	4	1.02	0.005	0.15	0.2	2.8	0.68	<0.02	41	0.2	0.21	2.8	5.03	<0.1
121838	Soil	13.2	16.8	0.52	134.4	0.004	3	0.90	0.003	0.14	0.2	2.5	0.68	<0.02	24	0.3	0.11	2.1	4.48	<0.1
121839	Soil	8.9	9.7	5.19	83.8	0.004	4	0.44	0.009	0.08	<0.1	1.3	0.93	<0.02	16	0.3	0.09	1.3	1.07	<0.1
121840	Soil	6.8	6.7	8.36	44.3	0.003	4	0.35	0.010	0.05	<0.1	0.7	0.24	<0.02	8	0.3	0.08	0.7	0.51	<0.1
121841	Soil	4.8	6.2	8.38	39.7	0.003	4	0.18	0.012	0.06	<0.1	1.0	0.43	<0.02	<5	0.2	0.06	0.5	1.39	<0.1
121842	Soil	6.5	4.9	9.06	30.8	0.002	2	0.27	0.008	0.03	<0.1	0.5	0.11	<0.02	8	0.2	0.07	0.6	0.30	<0.1
121843	Soil	6.6	9.1	7.48	65.0	0.003	6	0.39	0.011	0.07	<0.1	1.0	0.23	<0.02	5	0.2	0.05	0.9	0.50	<0.1



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CERTIFICATE OF ANALYSIS

WHI11000454.2

	Method	Analyte	Unit	MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD	7TD		
					Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Pb	Zn
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%
					0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.02	0.01
121814	Soil				0.19	5.4	1.0	<0.05	0.4	7.96	15.8	<0.02	<1	0.4	2.8	<10	<2	N.A.	N.A.
121815	Soil				0.06	1.5	1.8	<0.05	0.5	8.60	6.4	<0.02	2	0.2	0.7	<10	<2	N.A.	N.A.
121816	Soil				0.19	4.8	0.5	<0.05	0.6	12.51	16.5	<0.02	<1	0.4	4.8	13	<2	N.A.	N.A.
121817	Soil				0.18	9.3	1.1	<0.05	2.8	9.09	23.5	<0.02	<1	0.6	7.4	<10	<2	N.A.	N.A.
121818	Soil				0.11	7.3	0.5	<0.05	1.0	6.60	16.4	<0.02	<1	0.6	3.7	<10	<2	N.A.	N.A.
121819	Soil				0.23	6.9	0.7	<0.05	0.8	14.02	20.9	<0.02	2	0.9	10.4	12	<2	N.A.	N.A.
121820	Soil				0.30	5.8	0.5	<0.05	0.9	11.27	21.4	0.03	<1	0.5	11.1	<10	<2	N.A.	N.A.
121821	Soil				0.49	10.1	0.7	<0.05	1.4	10.99	28.5	0.02	2	0.7	15.8	<10	<2	N.A.	N.A.
121822	Soil				0.09	2.0	0.3	<0.05	0.9	5.49	7.3	<0.02	1	0.2	1.6	<10	<2	N.A.	N.A.
121823	Soil				0.26	5.4	0.7	<0.05	0.8	7.39	18.6	<0.02	<1	0.5	7.5	<10	<2	N.A.	N.A.
121824	Soil				0.22	6.4	0.8	<0.05	1.0	10.68	19.9	<0.02	2	1.1	8.4	<10	<2	N.A.	N.A.
121825	Soil				0.29	3.5	0.7	<0.05	1.0	8.63	17.6	0.02	1	0.1	5.9	<10	<2	N.A.	N.A.
121826	Soil				0.02	0.7	0.4	<0.05	0.7	2.68	5.6	0.02	<1	<0.1	0.2	<10	<2	N.A.	N.A.
121827	Soil				0.30	17.0	1.2	<0.05	4.3	11.14	31.1	0.04	2	1.9	8.1	14	<2	N.A.	N.A.
121828	Soil				0.20	13.2	1.1	<0.05	8.2	12.57	35.5	0.04	<1	2.0	11.5	<10	<2	N.A.	N.A.
121829	Soil				0.74	9.2	1.9	<0.05	6.6	30.17	66.5	0.05	2	1.8	15.2	<10	<2	N.A.	N.A.
121830	Soil				0.39	12.4	1.1	<0.05	4.3	22.70	45.0	0.04	2	1.1	11.7	<10	2	N.A.	N.A.
121831	Soil				0.31	7.7	0.7	<0.05	2.6	9.25	31.6	0.02	2	0.7	5.1	<10	<2	N.A.	N.A.
121832	Soil				0.09	4.3	0.5	<0.05	1.3	9.91	16.7	<0.02	2	0.3	3.1	10	<2	N.A.	N.A.
121833	Soil				0.20	3.5	0.4	<0.05	1.2	8.13	16.3	<0.02	<1	0.5	5.0	<10	<2	N.A.	N.A.
121834	Soil				0.46	8.6	0.7	<0.05	2.8	22.28	35.6	0.04	1	0.8	11.4	<10	<2	N.A.	N.A.
121835	Soil				0.14	2.8	0.7	<0.05	1.5	6.12	11.7	<0.02	<1	0.5	2.5	<10	<2	N.A.	N.A.
121836	Soil				0.37	6.8	2.3	<0.05	5.1	28.23	98.5	0.06	<1	2.5	16.9	28	4	N.A.	N.A.
121837	Soil				0.29	8.7	1.0	<0.05	3.6	11.61	34.3	0.03	2	0.9	8.4	13	<2	N.A.	N.A.
121838	Soil				0.20	8.5	0.9	<0.05	2.5	13.16	37.0	0.02	2	1.1	7.3	19	2	N.A.	N.A.
121839	Soil				0.16	3.9	0.5	<0.05	2.1	8.71	21.7	<0.02	2	0.4	4.3	<10	<2	N.A.	N.A.
121840	Soil				0.07	2.9	0.2	<0.05	1.3	5.78	12.4	<0.02	5	0.3	2.2	<10	<2	N.A.	N.A.
121841	Soil				0.05	3.2	0.3	<0.05	1.1	4.79	9.5	<0.02	2	0.2	2.3	<10	<2	N.A.	N.A.
121842	Soil				0.06	2.0	0.3	<0.05	0.9	5.89	8.8	<0.02	<1	0.3	2.4	<10	<2	N.A.	N.A.
121843	Soil				0.10	3.8	0.5	<0.05	1.6	6.37	13.3	<0.02	<1	0.2	3.0	<10	<2	N.A.	N.A.



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Scarlet

Report Date:

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
121844	Soil	1.57	12.23	10.27	61.0	59	21.5	6.0	222	1.62	8.6	1.8	0.7	1.3	97.1	0.27	0.46	0.18	20	14.40
121845	Soil	1.70	5.98	5.35	30.7	14	12.8	3.0	117	0.77	5.8	2.8	0.4	0.8	98.5	0.22	0.38	0.07	10	23.15
121846	Soil	1.77	13.07	12.99	127.7	28	51.5	7.0	350	1.24	40.1	4.3	0.5	3.1	84.3	1.06	0.71	0.14	28	25.55
121847	Soil	1.72	12.40	11.38	129.8	23	52.2	6.7	350	1.21	39.4	4.1	<0.2	2.9	82.0	0.99	0.70	0.13	29	25.72
121848	Soil	3.08	20.42	14.74	261.7	29	98.3	8.2	476	1.65	98.4	8.8	0.5	4.4	71.9	1.32	1.16	0.19	46	23.23
121849	Soil	2.20	14.00	10.06	172.9	15	71.2	5.7	307	1.15	73.8	4.7	<0.2	2.8	63.9	0.76	0.84	0.12	33	24.08
121850	Soil	2.00	16.09	11.70	180.2	28	69.1	7.5	366	1.31	52.5	4.1	<0.2	3.3	81.8	0.93	0.84	0.14	34	27.90
121857	Soil	1.14	12.42	29.26	128.2	160	19.3	8.5	1573	2.68	13.8	2.3	0.8	1.1	32.2	0.43	0.62	0.28	38	3.25
121858	Soil	1.87	40.13	63.65	170.3	403	40.9	15.7	1192	6.74	8.6	2.1	1.3	5.6	36.9	0.46	0.46	0.48	23	0.41
121859	Soil	0.90	23.23	17.67	125.1	227	24.6	8.5	360	2.58	10.5	9.0	1.5	1.4	59.4	0.62	0.59	0.24	44	1.33
121860	Soil	0.95	30.90	30.17	132.6	253	30.6	11.8	349	2.95	11.0	1.9	3.9	3.5	74.7	0.43	0.61	0.25	37	1.04
121861	Soil	0.78	25.02	32.61	133.1	200	21.0	8.4	617	2.28	9.5	2.1	1.8	1.1	40.2	0.49	0.62	0.24	23	2.64
121862	Soil	1.04	20.91	55.52	322.6	206	19.6	8.4	1189	2.39	11.8	1.8	0.8	1.4	47.7	1.14	0.77	0.21	23	7.79
121863	Soil	0.90	18.75	32.49	123.5	134	21.2	9.1	596	2.95	12.7	3.3	1.1	1.7	36.0	0.36	0.77	0.28	31	1.16
121864	Soil	0.97	18.52	22.09	83.8	71	21.6	8.2	367	2.68	12.5	1.8	1.7	1.7	31.3	0.23	0.58	0.27	30	0.82
121865	Soil	1.15	22.96	24.99	92.2	120	19.6	9.9	435	2.21	13.8	1.1	0.6	3.2	99.1	0.33	0.67	0.20	18	7.98
121866	Soil	1.90	24.01	20.88	126.7	146	30.7	11.6	542	2.98	25.8	2.0	2.2	1.5	104.5	0.54	0.91	0.32	60	1.42
121867	Soil	1.26	24.05	20.79	105.8	134	25.2	10.3	397	2.72	20.1	2.0	1.7	1.4	34.5	0.38	0.68	0.29	37	1.37
121868	Soil	3.31	22.90	18.39	118.2	134	34.0	9.8	377	3.02	29.5	2.2	1.5	2.0	130.6	0.38	0.99	0.29	76	1.01
121869	Soil	3.70	24.70	21.98	148.4	161	41.8	10.0	437	3.03	41.9	4.2	2.2	1.9	200.0	0.46	1.24	0.31	93	1.56
121870	Soil	2.63	22.52	19.09	92.5	138	29.1	10.0	387	2.33	17.6	1.2	2.0	2.3	154.0	0.45	0.93	0.28	43	4.16
121871	Soil	1.57	21.90	18.79	105.1	122	26.9	10.8	485	2.33	16.3	2.3	2.6	1.5	153.2	0.50	0.82	0.27	46	1.40
121872	Soil	1.45	20.66	21.03	92.2	143	27.2	10.8	553	2.81	18.3	3.0	1.7	1.3	67.5	0.48	0.84	0.29	50	1.10
121873	Soil	1.70	16.01	16.09	72.0	120	24.0	8.5	342	2.33	16.6	1.1	2.3	1.6	82.3	0.38	0.71	0.26	44	4.80
121874	Soil	2.17	23.11	18.08	96.6	149	33.3	10.5	406	2.77	56.6	1.1	1.9	1.9	142.3	0.37	0.83	0.28	51	3.11
121875	Soil	1.84	18.16	13.79	90.8	124	25.4	8.0	349	2.05	70.0	1.1	1.2	1.1	228.2	0.50	0.71	0.19	43	5.41
121876	Soil	1.78	20.48	15.28	105.1	134	28.1	8.5	351	2.21	62.4	1.2	2.3	1.5	238.6	0.60	0.81	0.22	52	4.12
121877	Soil	1.52	21.64	17.74	106.1	159	29.0	9.9	345	2.49	42.2	1.1	1.4	2.0	267.8	0.45	0.78	0.26	56	2.37
121878	Soil	1.64	18.82	16.53	118.9	133	31.3	8.0	347	1.99	50.1	1.5	1.8	1.5	523.4	0.61	0.94	0.24	62	3.49
121879	Soil	1.39	20.98	17.32	127.2	172	27.7	10.3	510	2.46	38.2	1.6	1.4	1.0	240.5	0.82	0.82	0.27	57	2.31



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
121844	Soil	12.8	15.8	5.03	105.9	0.005	9	0.80	0.013	0.12	<0.1	1.8	0.23	<0.02	<5	0.5	0.05	1.6	0.47	<0.1	0.04
121845	Soil	4.5	4.8	7.83	42.8	0.002	2	0.18	0.009	0.05	<0.1	0.9	0.25	<0.02	13	<0.1	0.08	0.4	0.29	<0.1	0.03
121846	Soil	8.3	6.5	3.28	82.5	0.004	<1	0.43	0.005	0.06	<0.1	1.8	0.75	<0.02	49	0.2	0.06	1.5	1.23	<0.1	0.13
121847	Soil	8.8	5.6	3.62	81.7	0.005	2	0.42	0.005	0.06	<0.1	1.8	0.75	<0.02	27	0.3	0.12	1.4	1.24	<0.1	0.09
121848	Soil	12.5	8.5	2.46	102.4	0.005	2	0.76	0.004	0.10	<0.1	2.3	1.30	<0.02	42	0.3	0.12	1.8	2.88	<0.1	0.09
121849	Soil	8.5	5.7	5.09	53.4	0.004	2	0.40	0.005	0.07	<0.1	1.6	0.79	<0.02	22	0.4	0.12	1.1	2.00	<0.1	0.09
121850	Soil	9.5	7.1	2.12	79.6	0.005	1	0.43	0.004	0.08	<0.1	2.2	0.84	<0.02	29	<0.1	0.06	1.5	1.99	<0.1	0.15
121857	Soil	12.4	23.6	1.90	135.8	0.009	2	1.52	0.004	0.06	0.1	1.8	0.22	0.07	58	0.4	0.08	4.0	1.17	<0.1	0.04
121858	Soil	7.7	18.4	0.18	134.8	0.003	3	0.83	0.006	0.15	<0.1	5.3	0.64	0.22	91	0.9	0.09	2.4	2.35	<0.1	0.06
121859	Soil	23.4	35.6	1.60	104.9	0.013	4	1.84	0.003	0.10	<0.1	2.7	0.18	0.07	95	1.0	0.03	5.5	2.21	<0.1	0.04
121860	Soil	19.4	39.0	1.04	122.0	0.011	5	1.38	0.003	0.12	<0.1	6.0	0.26	0.03	120	1.3	0.04	4.2	9.28	<0.1	0.06
121861	Soil	10.6	19.9	1.23	235.6	0.005	5	1.18	0.005	0.10	<0.1	2.3	0.19	0.09	79	0.7	<0.02	3.0	1.69	<0.1	0.04
121862	Soil	10.6	18.3	4.14	123.4	0.005	3	1.11	0.006	0.09	<0.1	2.5	0.18	0.03	364	0.4	0.05	2.7	1.04	<0.1	0.03
121863	Soil	12.8	24.0	0.54	227.7	0.005	2	1.49	0.003	0.07	<0.1	3.7	0.14	0.08	77	0.5	0.08	4.1	1.07	<0.1	0.05
121864	Soil	11.3	25.1	0.56	226.0	0.006	1	1.35	0.002	0.07	<0.1	3.1	0.16	0.05	19	0.1	<0.02	4.0	1.26	<0.1	0.05
121865	Soil	8.5	14.4	3.36	65.2	0.003	3	0.49	0.007	0.09	<0.1	3.4	0.17	<0.02	39	0.4	0.05	1.6	1.71	<0.1	0.04
121866	Soil	15.2	26.9	0.58	137.2	0.008	7	1.44	0.007	0.08	0.1	2.7	0.30	0.05	55	0.7	0.04	3.8	3.86	<0.1	0.06
121867	Soil	11.1	21.4	0.48	104.8	0.005	2	1.23	0.006	0.07	<0.1	2.8	0.19	0.08	56	0.6	0.02	3.5	1.26	<0.1	0.03
121868	Soil	16.3	26.7	0.42	131.6	0.007	4	1.38	0.007	0.09	0.1	2.7	0.32	0.06	64	0.7	0.05	4.0	4.27	<0.1	0.07
121869	Soil	19.0	24.7	0.41	150.8	0.008	8	1.34	0.007	0.09	<0.1	2.9	0.32	0.08	75	0.6	0.07	4.2	4.82	<0.1	0.09
121870	Soil	15.1	22.5	2.13	106.0	0.008	8	1.16	0.009	0.13	<0.1	2.8	0.44	0.04	47	0.5	0.05	3.2	3.91	<0.1	0.04
121871	Soil	16.7	24.4	0.45	113.1	0.007	9	1.28	0.008	0.11	<0.1	2.3	0.37	0.09	47	0.4	<0.02	3.5	4.03	<0.1	0.04
121872	Soil	13.8	26.3	0.43	148.4	0.009	3	1.49	0.007	0.08	<0.1	2.5	0.21	0.08	49	0.7	0.05	4.4	2.33	<0.1	0.05
121873	Soil	12.9	20.5	2.35	109.1	0.011	5	1.17	0.009	0.06	0.1	2.7	0.15	0.02	46	0.4	0.08	2.9	1.57	<0.1	0.02
121874	Soil	14.9	23.2	1.62	152.7	0.008	8	1.25	0.009	0.11	<0.1	2.8	0.21	0.06	67	0.5	0.03	3.8	3.13	<0.1	0.06
121875	Soil	11.9	18.8	2.81	97.7	0.008	9	0.97	0.010	0.11	0.1	2.0	0.36	0.05	45	0.6	0.04	2.6	3.39	<0.1	0.04
121876	Soil	14.2	20.3	2.10	130.7	0.011	8	1.08	0.010	0.09	0.1	2.5	0.34	0.05	50	0.6	0.04	3.1	6.15	<0.1	0.06
121877	Soil	17.0	25.1	1.18	164.9	0.010	8	1.37	0.009	0.10	<0.1	3.1	0.35	0.05	62	0.3	0.03	3.7	6.08	<0.1	0.06
121878	Soil	17.0	19.9	1.63	146.5	0.009	11	1.17	0.008	0.10	<0.1	2.1	0.61	0.07	63	0.4	0.09	3.1	7.89	<0.1	0.07
121879	Soil	14.9	23.2	0.85	156.0	0.009	7	1.36	0.009	0.10	0.1	2.3	0.35	0.09	70	0.8	0.06	3.7	5.65	<0.1	0.05



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD	7TD
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Pb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.02
121844	Soil	0.14	6.7	0.5	<0.05	1.4	10.77	26.1	<0.02	2	0.6	5.8	<10	<2	N.A.
121845	Soil	0.05	2.1	0.3	<0.05	0.7	5.89	8.7	<0.02	1	0.2	1.4	<10	<2	N.A.
121846	Soil	0.05	3.5	1.8	<0.05	7.6	11.87	20.7	<0.02	2	0.7	3.5	11	<2	N.A.
121847	Soil	0.07	3.3	1.0	<0.05	7.3	11.74	21.0	<0.02	<1	0.4	3.1	<10	<2	N.A.
121848	Soil	0.06	5.7	0.9	<0.05	7.9	15.46	30.2	<0.02	1	0.9	4.8	<10	<2	N.A.
121849	Soil	0.05	3.5	1.1	<0.05	7.7	9.29	19.5	<0.02	2	0.4	3.0	<10	2	N.A.
121850	Soil	0.06	3.9	0.7	<0.05	9.2	11.58	22.5	<0.02	3	0.5	3.9	13	<2	N.A.
121857	Soil	0.32	7.6	0.9	<0.05	1.0	10.95	23.2	0.02	<1	0.7	12.8	<10	<2	N.A.
121858	Soil	0.12	9.3	0.6	<0.05	2.2	16.28	24.9	0.04	<1	1.1	7.8	<10	<2	N.A.
121859	Soil	0.57	13.4	0.7	<0.05	1.8	11.97	46.3	0.03	2	0.9	44.3	<10	<2	N.A.
121860	Soil	0.45	16.0	0.8	<0.05	2.9	15.21	34.5	0.03	2	0.7	24.0	<10	<2	N.A.
121861	Soil	0.41	9.2	0.5	<0.05	1.7	11.36	19.6	0.03	<1	1.0	13.4	10	<2	N.A.
121862	Soil	0.24	6.4	0.7	<0.05	1.2	10.63	22.0	0.03	<1	0.6	12.7	23	<2	N.A.
121863	Soil	0.48	8.7	0.7	<0.05	1.7	12.15	26.9	0.05	<1	0.9	17.0	<10	<2	N.A.
121864	Soil	0.37	9.5	0.6	<0.05	1.5	9.24	25.5	<0.02	<1	0.8	17.0	<10	<2	N.A.
121865	Soil	0.11	6.0	0.7	<0.05	1.7	9.71	19.0	<0.02	1	0.5	9.0	<10	<2	N.A.
121866	Soil	0.53	11.4	0.6	<0.05	1.9	12.69	31.7	0.04	<1	0.5	14.3	<10	<2	N.A.
121867	Soil	0.46	7.1	0.5	<0.05	1.7	10.67	22.9	0.04	<1	0.9	14.3	<10	<2	N.A.
121868	Soil	0.52	11.4	0.6	<0.05	2.1	12.16	33.2	0.03	<1	1.3	11.5	<10	<2	N.A.
121869	Soil	0.65	9.9	0.6	<0.05	2.9	14.98	34.8	0.04	<1	1.1	13.1	17	2	N.A.
121870	Soil	0.41	9.8	0.6	<0.05	1.5	10.85	33.2	0.02	<1	0.8	10.2	<10	<2	N.A.
121871	Soil	0.54	10.7	0.5	<0.05	1.4	11.73	34.9	0.02	<1	0.9	10.7	<10	<2	N.A.
121872	Soil	0.60	8.5	0.5	<0.05	1.4	10.34	30.8	0.03	<1	0.5	13.0	<10	<2	N.A.
121873	Soil	0.31	6.4	0.5	<0.05	0.9	10.51	27.1	0.02	<1	0.7	10.3	<10	<2	N.A.
121874	Soil	0.49	8.6	0.6	<0.05	2.2	11.62	31.1	0.03	<1	1.1	12.1	12	2	N.A.
121875	Soil	0.34	8.0	0.7	<0.05	1.2	9.72	25.3	<0.02	<1	1.0	8.2	<10	<2	N.A.
121876	Soil	0.48	9.2	0.6	<0.05	1.8	10.71	30.3	0.03	<1	0.9	11.7	<10	2	N.A.
121877	Soil	0.52	10.5	0.9	<0.05	1.9	12.26	34.2	<0.02	1	0.6	13.2	<10	<2	N.A.
121878	Soil	0.45	10.5	0.7	<0.05	2.5	12.03	34.8	0.02	<1	0.9	10.4	<10	<2	N.A.
121879	Soil	0.56	10.9	0.5	<0.05	1.5	11.50	30.0	0.03	<1	0.8	12.4	<10	<2	N.A.



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Report Date: August 13, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
121880	Soil	1.77	20.64	18.50	129.8	138	29.9	10.1	489	2.42	50.1	1.4	1.3	1.3	149.7	0.70	0.78	0.24	46	3.32
121881	Soil	2.60	27.42	22.51	134.1	125	37.7	12.0	387	2.91	75.3	3.4	1.3	1.7	83.0	0.70	0.84	0.30	39	1.66
121882	Soil	1.37	23.12	19.88	110.6	140	27.3	9.8	399	2.55	44.7	1.6	1.5	1.6	58.0	0.44	0.68	0.25	34	3.27
121883	Soil	1.66	14.71	40.90	134.0	30	26.3	15.8	1163	4.88	16.8	2.1	1.3	7.1	15.5	0.43	0.47	0.38	42	0.12
121884	Soil	1.39	13.22	11.28	119.9	78	19.5	5.3	320	1.47	28.9	1.9	0.5	0.7	163.1	0.50	0.60	0.16	43	6.73
121907	Soil	1.16	16.05	22.09	95.1	45	10.1	12.9	1287	3.04	5.9	0.4	<0.2	3.4	7.7	0.22	0.55	0.43	48	0.06
121908	Soil	0.65	38.70	42.98	105.7	51	27.5	26.3	1468	4.68	6.2	0.8	1.5	4.6	12.3	0.10	0.27	0.55	32	0.06
121909	Soil	0.78	19.23	13.56	146.9	126	22.7	13.9	574	4.20	6.5	0.6	0.7	4.3	11.2	0.17	0.38	0.54	42	0.07
121910	Soil	0.60	25.97	15.57	121.3	90	27.6	19.6	1594	4.10	2.9	0.6	0.9	4.0	13.4	0.25	0.23	0.42	29	0.06
121911	Soil	0.70	19.47	23.54	84.0	151	16.9	7.0	323	4.11	5.8	0.5	0.6	3.0	7.0	0.11	0.34	0.39	41	0.04
121912	Soil	0.75	12.82	15.79	70.3	268	16.6	9.0	337	3.18	4.8	0.5	1.2	4.2	7.6	0.10	0.33	0.33	41	0.04
121913	Soil	0.98	12.88	19.89	78.9	64	22.3	10.1	324	3.52	7.7	0.6	0.6	4.7	7.2	0.07	0.42	0.37	49	0.05
121914	Soil	0.61	20.52	27.52	71.5	64	29.0	14.2	355	4.04	6.4	0.6	0.8	5.2	7.1	0.06	0.23	0.47	37	0.02
121915	Soil	0.79	23.11	20.95	92.1	111	20.1	17.9	1304	4.91	8.7	0.5	0.5	3.9	5.9	0.11	0.31	0.51	44	0.02
121916	Soil	0.65	10.89	19.89	123.3	83	20.9	10.7	311	2.89	3.1	0.3	<0.2	4.2	12.3	0.12	0.15	0.39	26	0.09
121917	Soil	0.62	17.80	19.94	77.9	228	9.3	5.3	397	2.48	3.5	0.5	0.4	3.1	7.0	0.26	0.28	0.33	39	0.04
121918	Soil	0.51	22.31	28.39	112.5	142	25.4	26.1	1811	3.69	4.4	0.8	0.9	4.0	19.1	0.09	0.23	0.46	33	0.12
121919	Soil	0.42	13.93	14.37	93.8	115	17.8	9.2	330	3.09	4.0	0.5	0.3	3.4	5.9	0.08	0.21	0.36	34	0.02
121920	Soil	7.26	14.58	17.48	82.0	180	20.9	7.8	602	2.66	17.0	5.1	3.4	0.9	23.6	0.61	0.89	0.29	84	1.20
121921	Soil	2.52	13.35	6.31	33.7	255	9.0	3.1	337	1.25	13.1	6.7	1.9	0.5	43.1	0.27	0.40	0.08	47	8.45
121922	Soil	9.38	9.89	7.27	53.5	282	19.3	3.5	165	1.29	39.6	2.6	0.7	0.9	72.2	0.52	1.03	0.06	27	12.10
121923	Soil	3.55	13.03	13.52	59.0	50	16.7	7.3	334	2.53	12.7	1.5	3.3	0.7	18.4	0.24	0.80	0.28	60	0.94
121924	Soil	3.76	11.81	12.50	53.4	21	13.1	5.2	266	2.20	9.7	0.9	1.1	0.3	11.2	0.13	0.87	0.28	71	0.26
121925	Soil	2.23	10.00	14.40	61.7	29	15.2	5.8	279	2.71	11.3	2.7	1.1	0.2	12.8	0.14	0.72	0.27	67	0.37
121926	Soil	30.39	9.19	10.71	56.1	317	16.0	5.1	409	2.37	13.2	12.7	1.7	0.8	61.2	0.51	1.06	0.15	70	8.00
121927	Soil	3.15	13.30	13.97	63.6	90	23.8	8.9	401	2.88	14.6	2.4	0.4	1.4	15.7	0.19	0.78	0.26	60	0.53
121928	Soil	1.94	14.77	13.04	77.4	61	28.4	10.9	535	2.71	13.8	1.0	1.0	2.2	17.3	0.16	0.80	0.23	43	1.44
121929	Soil	1.29	20.11	17.83	76.5	181	27.8	9.7	528	2.92	12.0	1.6	1.7	4.1	11.3	0.24	0.73	0.23	32	0.36
121930	Soil	1.40	11.62	13.04	61.7	139	17.1	7.6	464	2.09	9.4	4.2	1.4	1.0	34.1	0.25	0.60	0.18	38	6.64
121931	Soil	1.64	8.59	15.35	50.1	21	14.1	5.9	317	2.61	9.4	0.5	1.2	2.1	11.5	0.09	0.43	0.25	47	0.24



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Project: Scarlet
Report Date: August 13, 2011

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CERTIFICATE OF ANALYSIS

WHI11000454.2

	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
121880	Soil	12.4	22.0	1.61	161.9	0.007	4	1.21	0.008	0.09	<0.1	2.4	0.86	0.07	59	0.6	0.04	3.3	4.98	<0.1
121881	Soil	12.2	25.2	0.75	260.4	0.005	5	1.54	0.006	0.15	<0.1	3.2	1.83	0.07	57	0.6	0.03	4.4	8.40	<0.1
121882	Soil	11.5	21.7	1.62	202.0	0.009	7	1.30	0.008	0.12	<0.1	2.9	0.87	0.06	53	0.5	<0.02	3.6	3.16	<0.1
121883	Soil	11.5	43.6	0.45	86.4	0.004	4	2.57	0.004	0.09	<0.1	4.1	0.21	0.03	56	0.5	0.06	6.5	2.14	<0.1
121884	Soil	8.7	14.3	3.69	100.4	0.006	6	0.82	0.009	0.07	<0.1	1.4	0.39	0.10	52	0.2	<0.02	1.9	2.91	<0.1
121907	Soil	9.1	17.6	0.09	138.2	0.006	1	1.18	0.004	0.10	<0.1	1.7	0.11	<0.02	33	0.3	0.03	7.1	1.31	<0.1
121908	Soil	6.4	37.0	0.48	197.8	0.004	2	2.21	0.007	0.15	<0.1	4.7	0.16	0.02	35	0.4	<0.02	8.1	4.02	<0.1
121909	Soil	6.8	31.3	0.38	420.7	0.006	2	2.00	0.006	0.16	<0.1	3.0	0.15	<0.02	44	0.3	<0.02	7.1	3.18	<0.1
121910	Soil	5.5	32.1	0.41	168.8	0.002	2	2.08	0.005	0.12	<0.1	3.4	0.11	0.02	29	0.2	<0.02	7.1	2.88	<0.1
121911	Soil	5.7	25.7	0.28	112.7	0.004	2	1.71	0.005	0.13	<0.1	2.7	0.12	0.02	29	0.4	0.05	8.1	1.66	<0.1
121912	Soil	9.2	28.2	0.36	83.9	0.007	<1	1.87	0.004	0.11	<0.1	2.5	0.12	<0.02	38	0.2	0.04	6.4	1.44	<0.1
121913	Soil	9.1	28.7	0.40	81.8	0.011	1	2.03	0.005	0.10	0.1	3.1	0.12	<0.02	23	0.4	0.04	7.0	1.50	<0.1
121914	Soil	5.7	33.3	0.48	123.0	0.005	2	2.28	0.006	0.12	<0.1	3.7	0.15	<0.02	19	0.2	0.05	8.2	2.11	<0.1
121915	Soil	4.8	38.5	0.36	69.2	0.006	2	1.81	0.006	0.12	<0.1	3.4	0.10	0.02	37	0.3	0.02	9.6	2.14	<0.1
121916	Soil	6.1	30.8	0.41	231.4	0.002	1	2.01	0.004	0.23	<0.1	2.6	0.14	<0.02	29	0.1	<0.02	7.3	1.32	<0.1
121917	Soil	9.8	18.7	0.12	142.8	0.006	<1	1.48	0.004	0.09	<0.1	2.1	0.11	<0.02	30	0.3	<0.02	6.3	1.00	<0.1
121918	Soil	5.5	29.5	0.40	264.3	0.003	3	1.91	0.005	0.19	<0.1	4.0	0.16	0.03	33	0.4	0.02	6.8	1.84	<0.1
121919	Soil	5.3	26.5	0.32	141.5	0.002	1	1.98	0.004	0.17	<0.1	2.7	0.15	<0.02	15	0.1	<0.02	7.5	1.20	<0.1
121920	Soil	10.6	28.3	0.59	221.8	0.016	1	1.88	0.007	0.05	0.2	2.1	0.26	0.05	54	0.5	0.04	6.5	1.37	<0.1
121921	Soil	4.9	12.2	5.41	75.6	0.008	3	0.49	0.008	0.04	<0.1	1.3	0.26	<0.02	29	0.6	0.02	1.3	0.40	<0.1
121922	Soil	4.5	7.6	7.84	64.9	<0.001	3	0.13	0.009	0.05	<0.1	1.9	0.37	<0.02	28	0.7	<0.02	0.3	0.40	<0.1
121923	Soil	9.1	26.7	0.50	300.4	0.014	2	1.60	0.003	0.04	0.2	1.8	0.20	0.06	35	0.3	0.06	6.0	1.27	<0.1
121924	Soil	10.1	21.9	0.26	166.9	0.014	<1	1.81	0.001	0.02	0.2	1.2	0.24	0.02	17	0.2	0.08	7.2	1.06	<0.1
121925	Soil	11.5	25.1	0.41	137.7	0.014	2	1.82	0.002	0.04	0.2	1.0	0.21	0.02	21	0.2	0.08	6.4	1.61	<0.1
121926	Soil	11.2	29.4	3.79	137.6	0.016	2	1.46	0.008	0.06	0.2	2.2	0.26	0.05	41	0.8	0.06	3.4	1.02	<0.1
121927	Soil	16.8	33.2	0.55	207.2	0.019	2	2.40	0.003	0.05	0.2	3.3	0.18	0.03	37	0.4	0.08	5.7	1.71	<0.1
121928	Soil	16.8	31.3	1.18	169.3	0.025	<1	1.86	0.007	0.06	0.2	3.5	0.16	<0.02	29	0.2	0.04	4.5	1.64	<0.1
121929	Soil	18.8	31.8	0.53	180.6	0.012	2	1.79	0.005	0.08	0.2	5.4	0.12	0.03	35	0.3	0.10	3.8	1.30	<0.1
121930	Soil	11.9	24.5	3.64	148.6	0.010	3	1.44	0.008	0.08	0.2	2.3	0.12	0.05	33	0.3	0.08	3.1	0.96	<0.1
121931	Soil	10.2	21.6	0.33	175.6	0.010	2	1.45	0.002	0.07	0.2	2.1	0.19	<0.02	9	0.2	0.04	5.6	2.03	<0.1



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD	7TD
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Pb	Zn
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.02	0.01
121880	Soil	0.48	9.3	0.5	<0.05	1.7	11.30	26.7	0.03	<1	0.9	11.1	<10	<2	N.A.	N.A.
121881	Soil	0.48	15.3	0.7	<0.05	2.4	10.00	25.4	0.03	<1	1.1	15.4	<10	<2	N.A.	N.A.
121882	Soil	0.47	11.4	0.4	<0.05	1.4	8.86	23.2	0.03	<1	0.6	14.4	<10	<2	N.A.	N.A.
121883	Soil	0.67	15.3	0.8	<0.05	3.6	7.35	47.0	0.07	<1	1.7	34.3	<10	<2	N.A.	N.A.
121884	Soil	0.40	6.5	0.6	<0.05	1.8	7.46	19.5	<0.02	<1	0.3	5.5	<10	<2	N.A.	N.A.
121907	Soil	0.47	19.6	1.1	<0.05	0.5	2.75	18.6	0.02	<1	0.6	7.0	<10	<2	N.A.	N.A.
121908	Soil	0.33	24.0	1.1	<0.05	2.0	6.24	20.7	0.06	<1	2.1	39.3	<10	<2	N.A.	N.A.
121909	Soil	0.72	25.1	1.2	<0.05	2.0	3.01	16.0	0.03	<1	1.2	35.6	<10	<2	N.A.	N.A.
121910	Soil	0.34	22.6	1.2	<0.05	2.4	4.58	13.8	0.03	<1	1.7	32.6	<10	3	N.A.	N.A.
121911	Soil	0.63	19.8	1.3	<0.05	1.0	3.11	12.9	<0.02	<1	1.1	21.1	<10	<2	N.A.	N.A.
121912	Soil	0.55	17.8	1.1	<0.05	1.6	2.42	18.7	0.04	<1	0.3	25.5	<10	<2	N.A.	N.A.
121913	Soil	0.64	14.3	1.0	<0.05	2.6	2.84	18.5	0.03	<1	0.5	32.4	<10	<2	N.A.	N.A.
121914	Soil	0.31	21.3	1.3	<0.05	2.7	3.73	12.5	0.03	<1	0.5	38.4	<10	<2	N.A.	N.A.
121915	Soil	0.58	20.5	1.1	<0.05	1.6	2.98	10.8	0.03	<1	0.8	21.5	<10	<2	N.A.	N.A.
121916	Soil	0.26	25.9	1.4	<0.05	1.3	1.93	13.8	<0.02	<1	1.5	29.4	<10	<2	N.A.	N.A.
121917	Soil	0.99	15.8	1.0	<0.05	1.1	2.32	20.1	0.04	<1	0.4	10.4	<10	<2	N.A.	N.A.
121918	Soil	0.36	22.6	1.5	<0.05	1.6	5.57	15.7	0.03	<1	1.8	28.3	13	<2	N.A.	N.A.
121919	Soil	0.32	22.2	1.2	<0.05	1.3	3.32	12.1	<0.02	<1	1.1	27.0	<10	<2	N.A.	N.A.
121920	Soil	0.72	8.5	0.8	<0.05	0.7	5.84	24.1	0.03	<1	0.7	15.0	<10	<2	N.A.	N.A.
121921	Soil	0.19	4.1	0.3	<0.05	0.6	4.86	9.9	<0.02	<1	0.3	4.4	<10	<2	N.A.	N.A.
121922	Soil	0.04	2.0	0.4	<0.05	1.9	4.87	8.8	<0.02	1	0.3	1.3	<10	<2	N.A.	N.A.
121923	Soil	0.90	6.6	0.8	<0.05	0.6	3.26	19.5	0.04	<1	0.5	14.0	<10	<2	N.A.	N.A.
121924	Soil	0.51	4.6	0.9	<0.05	<0.1	2.52	20.1	0.02	<1	0.3	8.3	<10	<2	N.A.	N.A.
121925	Soil	0.41	7.7	0.8	<0.05	<0.1	3.79	24.9	0.03	<1	0.7	15.5	<10	<2	N.A.	N.A.
121926	Soil	0.51	8.1	0.7	<0.05	0.6	10.45	20.8	<0.02	<1	0.4	9.7	<10	<2	N.A.	N.A.
121927	Soil	0.63	9.8	0.6	<0.05	0.4	10.83	36.2	0.03	<1	0.9	16.0	<10	<2	N.A.	N.A.
121928	Soil	0.61	10.7	0.7	<0.05	0.3	9.87	39.8	0.02	<1	0.8	16.8	<10	<2	N.A.	N.A.
121929	Soil	0.53	11.6	0.5	<0.05	1.6	14.54	38.6	0.02	<1	1.0	16.1	<10	<2	N.A.	N.A.
121930	Soil	0.44	9.1	0.6	<0.05	0.9	10.57	20.0	0.03	<1	0.7	11.3	<10	<2	N.A.	N.A.
121931	Soil	0.55	14.1	0.9	<0.05	0.4	2.56	20.7	0.02	<1	0.4	14.1	<10	<2	N.A.	N.A.



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Project: Scarlet
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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15 Mo	1F15 Cu	1F15 Pb	1F15 Zn	1F15 Ag	1F15 Ni	1F15 Co	1F15 Mn	1F15 Fe	1F15 As	1F15 U	1F15 Au	1F15 Th	1F15 Sr	1F15 Cd	1F15 Sb	1F15 Bi	1F15 V	1F15 Ca	1F15 P
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01	% 0.001
121932	Soil	1.58	8.81	14.58	44.5	131	9.1	4.1	194	2.73	10.9	0.5	0.7	1.3	6.4	0.07	0.73	0.24	55	0.05	0.036
121933	Soil	0.77	19.44	27.22	68.0	20	21.2	13.8	847	3.45	9.3	0.7	0.4	3.8	5.5	0.08	0.38	0.35	30	0.04	0.026
121934	Soil	1.05	11.04	22.22	54.5	13	15.1	10.9	600	2.96	8.9	0.6	0.8	4.1	6.8	0.05	0.45	0.32	43	0.06	0.017
121935	Soil	1.47	10.58	16.64	56.0	33	14.0	7.4	536	2.74	10.3	0.6	0.8	2.3	9.5	0.10	0.56	0.32	51	0.12	0.036
121936	Soil	1.65	7.23	13.39	33.9	14	7.1	7.0	890	2.17	7.8	0.6	0.7	3.6	5.4	0.08	0.69	0.32	53	0.02	0.027
121937	Soil	1.79	10.33	28.28	60.7	25	15.8	12.8	985	3.73	17.5	0.6	<0.2	3.2	5.5	0.11	0.78	0.38	52	0.05	0.051
121938	Soil	1.98	8.91	18.67	39.2	23	10.0	8.3	1228	2.53	15.9	0.6	0.6	1.9	6.9	0.08	0.91	0.34	65	0.05	0.046
121939	Soil	2.14	33.01	11.37	346.2	50	117.8	10.9	328	1.65	15.8	4.8	0.9	3.4	100.8	4.35	1.02	0.18	41	22.63	0.095
121940	Soil	2.66	44.47	13.06	524.8	53	179.1	13.1	456	1.78	17.4	6.7	<0.2	3.2	106.8	4.95	1.31	0.15	57	21.37	0.152
121941	Soil	2.25	30.65	9.62	328.7	41	124.8	10.7	356	1.49	14.4	5.2	<0.2	2.3	106.7	3.96	1.02	0.13	42	22.57	0.107
121942	Soil	2.00	8.85	6.45	55.4	10	22.9	3.9	134	0.77	9.5	2.8	<0.2	1.4	105.5	0.57	0.45	0.07	11	21.01	0.034
121943	Soil	3.01	4.29	5.34	36.9	13	14.9	3.4	119	1.28	15.3	1.2	<0.2	1.3	61.2	0.21	0.88	0.05	9	15.27	0.050
121944	Soil	5.67	8.74	9.30	50.7	15	19.7	5.9	122	3.08	38.0	1.1	0.3	3.6	53.0	0.19	1.38	0.20	10	8.60	0.153
121945	Soil	1.07	4.21	2.86	61.7	9	20.4	1.5	135	0.38	5.1	0.8	<0.2	0.4	54.8	0.62	0.29	0.02	9	20.94	0.025
121946	Soil	0.90	7.03	10.27	46.5	32	17.9	5.4	97	2.75	17.2	0.4	<0.2	1.9	12.7	0.21	0.64	0.13	11	1.70	0.096
121947	Soil	0.81	2.50	2.20	29.5	10	10.0	1.2	103	0.31	3.4	1.0	<0.2	0.3	54.1	0.26	0.22	<0.02	6	21.26	0.031
121948	Soil	1.06	10.68	9.99	47.8	35	21.7	7.4	161	2.68	13.1	0.4	0.5	1.8	52.3	0.24	0.50	0.13	6	5.57	0.101
121949	Soil	1.12	7.57	8.51	59.9	38	14.7	4.3	163	2.12	8.4	0.4	<0.2	2.6	40.2	0.16	0.31	0.12	8	4.39	0.107
121950	Soil	1.13	5.93	6.40	44.6	26	12.3	3.3	158	1.59	7.7	0.5	<0.2	0.9	43.2	0.30	0.32	0.08	10	9.04	0.085



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
121932	Soil	10.9	18.9	0.18	46.4	0.031	1	1.12	<0.001	0.04	0.2	1.3	0.13	0.02	33	0.4	0.06	6.2	1.55	<0.1
121933	Soil	7.2	26.9	0.42	103.4	0.006	3	1.93	<0.001	0.11	0.1	3.2	0.13	<0.02	13	0.2	0.05	6.1	2.27	<0.1
121934	Soil	9.5	24.5	0.31	100.1	0.012	<1	1.86	<0.001	0.11	0.2	2.9	0.17	<0.02	13	0.3	0.04	6.3	1.77	<0.1
121935	Soil	9.9	26.1	0.33	134.2	0.014	1	1.76	<0.001	0.08	0.2	2.7	0.18	<0.02	22	0.2	0.06	7.0	2.12	<0.1
121936	Soil	14.4	15.0	0.07	78.7	0.022	<1	0.90	<0.001	0.06	0.2	1.4	0.15	<0.02	18	0.1	0.04	6.8	2.35	<0.1
121937	Soil	7.8	25.8	0.27	81.5	0.017	<1	1.48	0.001	0.09	0.2	2.3	0.12	<0.02	39	0.2	0.12	7.3	3.85	<0.1
121938	Soil	12.5	17.3	0.10	96.2	0.034	<1	0.98	<0.001	0.07	0.2	1.6	0.15	0.02	34	0.3	0.09	7.5	2.22	<0.1
121939	Soil	12.5	11.1	1.66	131.9	0.005	4	0.97	0.004	0.17	<0.1	3.2	0.99	0.02	61	0.3	0.05	1.8	1.64	<0.1
121940	Soil	16.6	13.1	2.13	164.7	0.006	4	1.19	0.005	0.18	<0.1	3.8	1.35	<0.02	71	0.5	0.12	2.0	1.53	<0.1
121941	Soil	11.7	10.4	2.62	113.3	0.004	3	0.94	0.006	0.17	<0.1	3.1	0.93	0.04	41	0.2	0.07	1.5	1.16	<0.1
121942	Soil	6.9	5.6	7.17	60.5	0.002	5	0.29	0.007	0.07	<0.1	1.5	0.48	0.05	11	0.2	0.03	0.7	0.69	<0.1
121943	Soil	8.9	10.1	8.55	62.1	0.002	6	0.20	0.008	0.05	<0.1	1.2	0.48	0.15	16	0.4	0.06	0.6	1.54	<0.1
121944	Soil	16.3	9.3	2.47	252.3	0.002	11	0.75	0.007	0.29	<0.1	1.9	1.55	0.08	8	0.3	0.10	2.1	2.33	<0.1
121945	Soil	4.6	5.0	10.59	31.2	0.004	4	0.18	0.006	0.02	<0.1	0.9	0.23	0.10	6	0.2	0.04	0.5	0.42	<0.1
121946	Soil	40.1	7.9	0.45	153.1	0.002	8	0.81	0.003	0.21	<0.1	1.7	0.48	0.08	8	0.3	0.04	2.9	3.74	<0.1
121947	Soil	5.0	3.9	10.48	30.0	0.003	3	0.15	0.006	0.03	<0.1	0.8	0.15	0.09	<5	0.3	<0.02	0.4	0.45	<0.1
121948	Soil	26.5	5.7	1.23	152.5	0.002	10	0.69	0.004	0.24	<0.1	2.5	0.29	0.04	15	0.2	0.02	1.8	1.58	<0.1
121949	Soil	30.7	6.5	1.81	162.1	0.003	14	0.78	0.006	0.26	<0.1	2.7	0.34	0.05	11	0.3	0.05	2.1	1.35	<0.1
121950	Soil	21.4	8.6	4.35	125.7	0.004	10	0.50	0.006	0.13	<0.1	1.6	0.21	0.11	10	0.5	0.04	1.7	0.82	<0.1



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD	7TD
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Pb	Zn
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.02	0.01
121932	Soil	1.16	7.8	0.7	<0.05	0.3	2.07	22.0	0.02	<1	0.1	7.3	<10	<2	N.A.	N.A.
121933	Soil	0.38	18.6	0.9	<0.05	1.1	4.07	16.5	0.03	<1	0.7	30.6	<10	<2	N.A.	N.A.
121934	Soil	0.58	15.3	1.1	<0.05	1.3	3.35	19.9	0.02	<1	0.7	16.9	<10	<2	N.A.	N.A.
121935	Soil	0.77	18.8	1.0	<0.05	0.3	3.07	20.5	0.03	<1	0.3	18.2	<10	<2	N.A.	N.A.
121936	Soil	0.81	11.5	1.3	<0.05	0.3	2.33	28.0	<0.02	<1	0.2	5.8	<10	<2	N.A.	N.A.
121937	Soil	0.85	14.8	1.1	<0.05	0.3	2.87	16.6	0.03	<1	0.6	19.9	<10	<2	N.A.	N.A.
121938	Soil	1.02	13.9	1.2	<0.05	0.3	2.20	24.8	<0.02	<1	0.4	4.6	<10	<2	N.A.	N.A.
121939	Soil	0.12	9.0	0.7	<0.05	4.8	17.02	25.4	<0.02	<1	0.9	6.0	23	<2	N.A.	N.A.
121940	Soil	0.11	9.5	1.3	<0.05	6.4	24.69	28.5	0.02	<1	1.0	7.0	28	<2	N.A.	N.A.
121941	Soil	0.11	8.5	0.6	<0.05	3.8	17.03	21.1	<0.02	<1	0.8	5.5	15	<2	N.A.	N.A.
121942	Soil	0.08	4.6	0.6	<0.05	1.7	6.41	11.9	<0.02	3	0.1	2.8	<10	<2	N.A.	N.A.
121943	Soil	0.17	3.5	0.4	<0.05	1.1	8.38	17.8	<0.02	2	0.2	1.7	<10	<2	N.A.	N.A.
121944	Soil	0.41	11.7	0.8	<0.05	1.8	10.18	37.3	0.02	1	0.9	4.3	<10	<2	N.A.	N.A.
121945	Soil	0.10	1.8	0.3	<0.05	0.9	6.54	6.5	<0.02	<1	0.3	1.9	<10	<2	N.A.	N.A.
121946	Soil	0.80	12.6	0.8	<0.05	2.1	14.24	86.4	0.05	<1	1.4	5.2	<10	<2	N.A.	N.A.
121947	Soil	0.09	2.0	0.1	<0.05	0.5	6.03	7.1	<0.02	<1	0.1	1.3	<10	<2	N.A.	N.A.
121948	Soil	0.43	9.9	0.8	<0.05	1.4	11.38	55.9	0.03	<1	1.5	4.6	<10	<2	N.A.	N.A.
121949	Soil	0.82	11.3	1.0	<0.05	2.0	13.97	65.4	0.03	<1	1.3	6.0	<10	<2	N.A.	N.A.
121950	Soil	0.54	7.4	0.6	<0.05	1.0	11.37	42.8	0.02	2	0.6	3.8	<10	<2	N.A.	N.A.



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Part 1

QUALITY CONTROL REPORT

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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
Pulp Duplicates		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
118109	Soil	1.10	14.68	14.58	65.4	96	29.2	6.7	249	1.87	8.7	0.7	<0.2	2.5	142.2	0.17	0.30	0.11	21	12.88
REP 118109	QC	1.14	14.51	14.40	61.5	93	29.6	7.0	241	1.87	8.2	0.7	<0.2	2.5	144.7	0.18	0.27	0.11	21	13.20
118202	Soil	1.62	24.76	30.58	113.0	178	44.9	20.7	501	3.80	4.7	0.7	1.3	4.6	109.7	0.20	0.23	0.22	31	2.71
REP 118202	QC	1.65	25.35	29.03	115.2	173	45.3	22.3	500	3.87	4.9	0.7	0.5	4.6	108.8	0.20	0.22	0.22	32	2.76
118207	Soil	3.45	23.07	29.63	98.2	150	35.8	14.1	582	2.98	10.3	1.9	3.2	2.8	130.0	0.54	0.57	0.15	35	7.07
REP 118207	QC	3.45	22.97	28.71	100.2	165	36.6	13.8	574	2.97	10.9	1.9	1.4	2.9	134.2	0.52	0.63	0.11	34	6.98
120519	Soil	0.57	17.71	19.00	61.1	64	24.6	9.3	213	3.44	4.8	0.4	<0.2	2.9	5.8	0.08	0.25	0.31	31	0.11
REP 120519	QC	0.55	16.08	17.84	64.3	68	21.2	8.9	208	3.40	4.8	0.4	0.4	2.9	5.9	0.07	0.25	0.29	32	0.10
118917	Soil	13.36	5.74	497.4	1514	1114	3.0	1.3	1492	15.88	82.4	3.8	0.2	0.2	72.2	3.18	6.35	<0.02	<2	10.81
REP 118917	QC	12.82	5.45	503.4	1488	1074	2.6	1.3	1461	15.66	80.7	3.9	<0.2	0.2	68.8	3.04	6.23	<0.02	<2	10.60
118991	Soil	0.43	19.90	23.99	74.0	70	27.7	13.0	381	3.77	6.2	0.5	<0.2	4.3	6.8	0.04	0.24	0.42	30	0.03
REP 118991	QC	0.43	20.17	24.41	75.4	75	27.2	12.6	398	3.89	6.2	0.6	0.4	4.3	6.6	0.04	0.23	0.39	32	0.03
120568	Soil	0.79	19.34	51.83	68.5	197	42.8	21.8	855	3.36	21.4	0.7	2.6	6.5	31.8	0.06	1.06	0.38	6	2.16
REP 120568	QC	0.80	18.63	52.74	67.3	180	40.9	21.7	825	3.27	20.8	0.6	1.0	6.4	30.6	0.07	0.97	0.36	7	2.09
120570	Soil	0.60	15.12	26.25	64.4	163	16.6	7.5	2258	3.57	18.7	1.2	0.7	0.7	30.6	0.26	1.85	0.17	23	6.83
REP 120570	QC	0.61	15.09	26.85	64.5	172	16.7	7.4	2201	3.50	19.0	1.2	0.8	0.7	29.1	0.26	1.87	0.18	22	6.28
120612	Soil	0.97	8.66	7.48	60.1	29	12.6	3.0	172	0.69	10.7	1.2	0.7	0.5	41.5	0.33	0.31	0.05	14	12.61
REP 120612	QC	0.94	8.14	7.36	60.8	29	12.4	2.9	171	0.67	10.4	1.1	0.5	0.5	39.7	0.36	0.31	0.05	13	12.13
120628	Soil	1.48	16.50	15.62	85.6	130	31.5	11.8	381	2.79	3.5	0.9	0.5	1.9	318.6	0.33	0.36	0.15	26	8.83
REP 120628	QC	1.42	16.34	15.08	84.1	132	29.9	11.7	366	2.70	3.5	0.8	0.3	1.9	315.8	0.33	0.33	0.14	25	8.55
121527	Soil	3.45	7.30	3541	>10000	279	6.6	2.4	1539	10.07	28.0	2.5	1.0	0.8	45.3	14.98	2.94	0.05	4	11.91
REP 121527	QC																			
121529	Soil	0.94	7.48	7.31	32.1	23	11.2	3.7	114	0.74	10.4	0.8	2.3	0.9	113.7	0.18	0.27	0.11	6	19.26
REP 121529	QC	0.81	7.04	6.51	29.9	24	11.6	3.5	107	0.67	9.7	0.7	1.9	0.9	100.3	0.15	0.22	0.06	6	17.22
121550	Soil	1.51	23.38	19.14	47.6	72	19.2	8.0	522	1.95	11.3	0.9	1.9	1.1	41.0	0.22	0.45	0.18	15	6.20
REP 121550	QC	1.57	25.08	20.57	54.7	80	20.8	9.0	535	2.06	11.9	1.0	1.8	1.3	44.3	0.24	0.50	0.20	17	6.93
121648	Soil	0.58	16.95	29.33	126.0	195	21.1	19.7	2344	3.37	4.0	0.5	0.4	3.2	10.0	0.19	0.25	0.40	36	0.07
REP 121648	QC	0.62	16.72	29.35	124.2	191	21.2	19.0	2412	3.33	4.2	0.5	0.7	3.2	9.9	0.17	0.29	0.39	35	0.06



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Part 2

QUALITY CONTROL REPORT

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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
Pulp Duplicates																			
118109	Soil	23.6	17.2	2.96	92.9	0.002	6	0.49	0.007	0.16	<0.1	3.1	0.09	<0.02	15	0.7	<0.02	1.2	0.30
REP 118109	QC	23.3	17.1	3.03	96.0	0.002	7	0.50	0.007	0.16	<0.1	3.3	0.09	<0.02	12	0.6	<0.02	1.2	0.30
118202	Soil	10.7	24.1	0.49	99.4	0.002	7	1.46	0.003	0.23	<0.1	6.0	0.25	0.03	32	0.8	0.03	3.3	2.73
REP 118202	QC	10.6	24.4	0.50	97.5	0.002	7	1.50	0.003	0.23	<0.1	6.1	0.24	0.03	25	0.7	0.12	3.2	2.66
118207	Soil	13.9	27.0	3.04	153.3	0.004	11	0.95	0.007	0.21	<0.1	5.6	0.32	0.10	14	0.8	0.10	2.7	2.74
REP 118207	QC	14.3	26.3	3.00	153.7	0.005	7	0.96	0.007	0.22	<0.1	5.7	0.32	0.12	23	1.2	0.07	2.8	2.91
120519	Soil	5.1	34.4	0.46	95.0	0.004	<1	1.87	0.002	0.13	<0.1	2.5	0.11	<0.02	19	0.3	0.02	6.8	1.18
REP 120519	QC	5.4	26.4	0.44	92.2	0.004	<1	1.88	0.002	0.14	<0.1	2.6	0.11	<0.02	27	0.2	<0.02	6.8	1.22
118917	Soil	2.6	1.8	5.18	14.9	<0.001	1	0.04	0.006	<0.01	<0.1	0.4	46.02	1.13	1445	0.3	0.04	0.3	0.05
REP 118917	QC	2.5	1.9	5.13	13.7	<0.001	1	0.03	0.006	<0.01	<0.1	0.4	43.63	1.08	1355	0.2	<0.02	0.3	0.04
118991	Soil	5.6	28.6	0.47	93.3	0.005	2	1.96	0.002	0.09	<0.1	3.3	0.13	<0.02	25	<0.1	0.02	6.8	1.60
REP 118991	QC	5.6	29.3	0.47	94.1	0.005	1	2.04	0.002	0.10	<0.1	3.7	0.12	<0.02	24	0.2	<0.02	7.1	1.60
120568	Soil	7.3	10.6	0.23	100.8	<0.001	4	0.49	0.002	0.14	<0.1	5.5	0.38	<0.02	623	0.5	0.04	1.4	1.39
REP 120568	QC	6.8	10.4	0.22	93.9	<0.001	3	0.47	0.002	0.14	<0.1	5.6	0.38	<0.02	602	0.5	<0.02	1.3	1.36
120570	Soil	14.1	14.7	3.94	101.3	0.004	3	1.14	0.007	0.06	<0.1	1.5	0.08	0.09	130	0.5	0.10	2.1	0.31
REP 120570	QC	14.0	14.5	3.54	99.2	0.004	4	1.12	0.007	0.06	<0.1	1.6	0.09	0.09	130	0.4	0.07	2.1	0.29
120612	Soil	4.5	5.6	6.78	47.8	0.002	2	0.30	0.005	0.05	<0.1	0.8	0.18	<0.02	16	<0.1	0.03	0.7	0.73
REP 120612	QC	4.3	5.5	6.67	47.0	0.003	2	0.29	0.005	0.05	<0.1	0.8	0.19	<0.02	9	0.2	<0.02	0.7	0.73
120628	Soil	12.7	15.7	0.51	126.0	0.002	5	0.99	0.005	0.15	<0.1	3.6	0.25	0.02	17	0.5	0.06	2.1	1.82
REP 120628	QC	12.5	15.4	0.49	125.5	0.002	5	0.96	0.004	0.15	<0.1	3.4	0.25	0.02	18	0.5	0.05	2.1	1.85
121527	Soil	3.9	3.6	6.52	8.5	0.001	2	0.09	0.006	0.02	<0.1	0.8	5.07	<0.02	648	1.4	0.03	1.0	0.39
REP 121527	QC																		
121529	Soil	4.2	6.7	7.59	40.4	0.003	4	0.26	0.012	0.07	<0.1	1.2	0.10	<0.02	17	0.3	<0.02	0.6	1.71
REP 121529	QC	3.7	5.9	6.72	35.0	0.002	3	0.22	0.010	0.06	<0.1	1.1	0.08	<0.02	14	0.3	<0.02	0.6	1.55
121550	Soil	8.8	15.8	3.13	62.1	0.003	3	0.65	0.003	0.06	<0.1	2.7	0.09	0.05	31	0.5	0.03	1.6	2.52
REP 121550	QC	9.4	17.6	3.44	64.1	0.005	6	0.69	0.004	0.08	<0.1	3.5	0.10	0.06	28	0.6	0.07	1.9	3.34
121648	Soil	7.5	25.5	0.32	444.9	0.003	2	2.00	0.002	0.17	<0.1	2.9	0.14	<0.02	11	0.2	<0.02	7.6	1.02
REP 121648	QC	7.0	24.0	0.31	445.7	0.003	<1	2.06	0.002	0.17	<0.1	2.7	0.13	<0.02	13	0.5	0.03	7.1	0.90



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Part 3

QUALITY CONTROL REPORT

WHI11000454.2

	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD	7TD
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Pb	Zn
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	%
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.02	0.01
Pulp Duplicates																
118109	Soil	0.21	5.8	3.7	<0.05	1.9	11.99	41.8	0.03	<1	0.5	5.5	<10	<2	N.A.	N.A.
REP 118109	QC	0.14	5.9	4.0	<0.05	1.9	11.99	42.9	0.02	<1	0.6	6.0	<10	<2		
118202	Soil	0.14	14.4	1.0	<0.05	6.5	10.35	28.1	0.05	<1	1.3	26.3	<10	<2	N.A.	N.A.
REP 118202	QC	0.15	14.2	1.0	<0.05	7.1	10.00	28.3	0.05	<1	1.5	26.3	<10	<2		
118207	Soil	0.25	14.5	3.6	<0.05	3.1	12.66	32.7	0.04	4	0.2	15.9	<10	<2	N.A.	N.A.
REP 118207	QC	0.24	15.1	4.3	<0.05	3.3	12.31	33.7	0.03	2	1.0	14.0	<10	2		
120519	Soil	0.62	17.5	1.2	<0.05	1.3	2.42	11.6	0.02	<1	0.8	33.1	<10	<2	N.A.	N.A.
REP 120519	QC	0.64	18.6	1.1	<0.05	1.2	2.40	12.1	0.02	<1	0.9	32.6	<10	<2		
118917	Soil	0.03	0.3	0.7	<0.05	0.6	3.87	4.2	<0.02	3	0.2	0.4	<10	<2	N.A.	N.A.
REP 118917	QC	0.03	0.2	0.6	<0.05	0.6	3.64	3.9	<0.02	<1	0.3	0.2	86	<2		
118991	Soil	0.50	16.4	2.5	<0.05	1.8	3.67	13.5	0.03	<1	1.0	33.5	<10	<2	N.A.	N.A.
REP 118991	QC	0.54	17.3	2.3	<0.05	2.0	3.64	13.7	0.04	<1	0.9	34.0	<10	<2		
120568	Soil	0.04	6.8	0.9	<0.05	3.6	13.47	33.8	0.04	<1	1.1	2.2	<10	<2	N.A.	N.A.
REP 120568	QC	0.04	6.7	0.9	<0.05	3.5	13.21	32.1	0.03	<1	1.4	2.3	<10	<2		
120570	Soil	0.12	4.9	0.4	<0.05	1.3	25.24	33.1	0.02	<1	0.5	4.0	<10	<2	N.A.	N.A.
REP 120570	QC	0.13	4.7	0.4	<0.05	1.2	25.38	32.8	0.02	<1	0.6	3.9	<10	<2		
120612	Soil	0.09	3.3	0.7	<0.05	1.0	5.79	7.9	<0.02	<1	0.2	2.4	<10	<2	N.A.	N.A.
REP 120612	QC	0.09	3.1	0.8	<0.05	1.0	5.56	7.8	<0.02	1	0.3	2.3	<10	<2		
120628	Soil	0.17	9.8	0.7	<0.05	3.2	11.27	31.4	0.04	<1	1.1	11.5	<10	<2	N.A.	N.A.
REP 120628	QC	0.18	10.2	0.7	<0.05	2.7	11.13	31.0	0.04	<1	1.4	11.5	<10	<2		
121527	Soil	0.03	0.9	0.4	<0.05	1.1	5.17	6.9	<0.02	<1	0.2	0.6	<10	<2	0.43	1.31
REP 121527	QC														0.44	1.31
121529	Soil	0.08	4.8	0.6	<0.05	1.0	3.79	9.7	<0.02	<1	0.3	2.1	<10	<2	N.A.	N.A.
REP 121529	QC	0.07	4.2	0.4	<0.05	0.7	3.26	8.9	<0.02	<1	0.2	1.8	<10	<2		
121550	Soil	0.25	5.2	1.9	<0.05	1.7	9.79	18.3	<0.02	<1	1.0	10.3	<10	<2	N.A.	N.A.
REP 121550	QC	0.25	7.2	2.0	<0.05	1.8	10.96	19.6	<0.02	<1	1.2	12.0	<10	<2		
121648	Soil	0.39	23.8	1.4	<0.05	1.2	3.19	16.9	0.03	1	1.7	28.0	<10	<2	N.A.	N.A.
REP 121648	QC	0.39	22.7	1.4	<0.05	1.1	3.10	15.9	0.03	<1	1.3	26.3	<10	<2		



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Part 1

QUALITY CONTROL REPORT

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		1F15 Mo ppm 0.01	1F15 Cu ppm 0.01	1F15 Pb ppm 0.01	1F15 Zn ppm 0.1	1F15 Ag ppb 2	1F15 Ni ppm 0.1	1F15 Co ppm 0.1	1F15 Mn ppm 1	1F15 Fe % 0.01	1F15 As ppm 0.1	1F15 U ppm 0.1	1F15 Au ppb 0.2	1F15 Th ppm 0.1	1F15 Sr ppm 0.5	1F15 Cd ppm 0.01	1F15 Sb ppm 0.02	1F15 Bi ppm 0.02	1F15 V ppm 2	1F15 Ca % 0.01	1F15 P % 0.001
121803	Soil	41.31	13.62	14.04	81.4	294	33.8	4.4	193	1.05	48.7	8.0	0.6	0.8	80.1	0.49	1.62	0.06	61	10.58	0.121
REP 121803	QC	43.11	13.45	13.96	79.0	297	34.1	4.3	193	1.07	48.7	7.9	0.7	0.8	81.9	0.48	1.60	0.06	62	10.74	0.120
121822	Soil	1.08	3.96	7.71	27.6	36	6.2	1.4	101	0.50	11.3	0.8	1.9	0.4	61.7	0.11	0.41	0.04	10	17.09	0.025
REP 121822	QC	1.16	3.83	7.54	27.7	38	6.0	1.4	108	0.51	11.2	0.8	0.4	0.4	63.0	0.11	0.39	0.04	11	17.44	0.027
121826	Soil	0.18	1.41	1.21	4.4	13	1.3	0.2	67	0.11	1.7	0.6	1.5	0.3	18.8	0.06	0.12	0.03	6	10.59	0.024
REP 121826	QC	0.18	1.18	1.27	4.4	8	1.4	0.2	67	0.11	1.1	0.6	0.2	0.2	19.1	0.06	0.09	<0.02	6	10.81	0.022
121839	Soil	3.68	21.76	13.36	171.2	43	66.3	7.8	375	1.45	60.6	13.2	0.5	1.0	104.8	0.65	1.19	0.18	42	17.10	0.151
REP 121839	QC	3.60	23.08	13.70	178.9	42	68.3	7.8	388	1.49	58.7	12.9	0.8	1.0	108.7	0.71	1.22	0.17	43	17.42	0.146
121849	Soil	2.20	14.00	10.06	172.9	15	71.2	5.7	307	1.15	73.8	4.7	<0.2	2.8	63.9	0.76	0.84	0.12	33	24.08	0.066
REP 121849	QC	2.15	13.68	10.10	175.3	19	65.9	5.3	296	1.11	73.3	4.3	0.7	2.6	61.6	0.66	0.83	0.12	33	23.61	0.060
121873	Soil	1.70	16.01	16.09	72.0	120	24.0	8.5	342	2.33	16.6	1.1	2.3	1.6	82.3	0.38	0.71	0.26	44	4.80	0.067
REP 121873	QC	1.74	16.13	15.84	77.1	125	23.2	8.5	351	2.39	18.3	1.1	1.9	1.6	82.0	0.37	0.69	0.23	44	4.89	0.062
121920	Soil	7.26	14.58	17.48	82.0	180	20.9	7.8	602	2.66	17.0	5.1	3.4	0.9	23.6	0.61	0.89	0.29	84	1.20	0.258
REP 121920	QC	7.62	14.87	16.95	78.8	183	21.6	8.2	627	2.74	16.9	5.3	1.2	1.2	22.4	0.55	0.95	0.31	85	1.22	0.277
121921	Soil	2.52	13.35	6.31	33.7	255	9.0	3.1	337	1.25	13.1	6.7	1.9	0.5	43.1	0.27	0.40	0.08	47	8.45	0.253
REP 121921	QC	2.63	13.02	6.11	32.3	247	13.2	3.1	327	1.18	12.8	6.2	1.5	0.4	41.4	0.25	0.40	0.07	45	7.89	0.247
121928	Soil	1.94	14.77	13.04	77.4	61	28.4	10.9	535	2.71	13.8	1.0	1.0	2.2	17.3	0.16	0.80	0.23	43	1.44	0.061
REP 121928	QC	1.99	15.48	13.36	80.2	61	29.5	10.4	548	2.76	13.7	1.0	2.1	2.3	18.3	0.19	0.81	0.24	44	1.49	0.063
Reference Materials																					
STD DS8	Standard	12.48	106.6	134.2	310.0	1735	38.5	7.2	589	2.40	23.1	2.9	105.3	7.3	69.3	2.16	5.58	6.85	40	0.70	0.073
STD DS8	Standard	13.64	108.8	138.4	318.2	1865	37.5	7.0	602	2.52	26.6	3.1	115.5	7.7	77.7	2.46	5.89	7.51	42	0.74	0.085
STD DS8	Standard	12.07	101.7	120.5	304.5	1768	36.3	7.0	586	2.34	22.5	2.5	114.5	6.2	59.5	2.25	5.02	6.18	37	0.68	0.073
STD DS8	Standard	12.10	103.9	124.0	314.5	1751	37.8	7.2	600	2.40	23.3	2.6	101.5	6.2	60.7	2.31	5.04	6.38	37	0.67	0.078
STD DS8	Standard	13.40	109.2	132.5	336.8	1954	39.4	7.5	629	2.54	23.3	2.7	114.0	6.8	65.9	2.37	5.06	6.64	42	0.72	0.077
STD DS8	Standard	13.36	106.1	127.7	318.1	1769	38.2	7.2	609	2.47	22.9	2.6	108.7	6.7	66.9	2.12	4.95	6.31	40	0.69	0.074
STD DS8	Standard	11.82	100.3	109.9	298.1	1586	33.9	6.7	587	2.34	24.8	2.5	96.3	6.0	60.4	2.21	5.01	5.56	36	0.64	0.081
STD DS8	Standard	12.69	105.7	110.9	299.1	1535	36.3	7.5	617	2.50	25.4	2.4	97.0	6.1	63.8	2.22	5.20	5.71	39	0.69	0.087
STD DS8	Standard	12.09	107.8	111.5	305.7	1593	35.8	7.0	586	2.39	23.3	2.5	101.2	6.2	70.0	2.30	5.19	5.98	41	0.68	0.076
STD DS8	Standard	12.33	105.2	108.7	295.9	1620	34.7	6.7	598	2.35	24.5	2.4	98.0	6.2	68.2	2.29	5.02	5.93	40	0.70	0.079



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Part 2

QUALITY CONTROL REPORT

WHI11000454.2

		1F15 La ppm 0.5	1F15 Cr ppm 0.5	1F15 Mg % 0.01	1F15 Ba ppm 0.5	1F15 Ti % 0.001	1F15 B ppm 1	1F15 Al % 0.01	1F15 Na % 0.001	1F15 K % 0.01	1F15 W ppm 0.1	1F15 Sc ppm 0.1	1F15 Ti ppm 0.02	1F15 S % 0.02	1F15 Hg ppb 5	1F15 Se ppm 0.1	1F15 Te ppm 0.02	1F15 Ga ppm 0.1	1F15 Cs ppm 0.02	1F15 Ge ppm 0.1	1F15 Hf ppm 0.02
121803	Soil	5.2	13.5	7.13	25.7	0.002	3	0.24	0.010	0.10	<0.1	1.5	1.08	0.03	39	0.6	0.07	0.7	1.34	<0.1	0.04
REP 121803	QC	5.1	13.6	7.24	24.8	0.002	4	0.24	0.010	0.10	<0.1	1.5	1.09	0.04	42	0.7	0.03	0.8	1.38	<0.1	0.03
121822	Soil	6.4	5.2	9.01	24.5	0.003	3	0.19	0.007	0.03	<0.1	0.7	0.42	<0.02	15	0.4	<0.02	0.5	0.47	<0.1	0.02
REP 121822	QC	6.1	5.1	8.99	23.6	0.004	4	0.18	0.007	0.03	<0.1	0.6	0.42	<0.02	14	0.3	0.03	0.5	0.51	<0.1	0.03
121826	Soil	2.7	2.1	5.44	8.3	<0.001	2	0.06	0.003	0.01	<0.1	0.3	0.05	<0.02	<5	0.3	0.04	0.1	0.44	<0.1	<0.02
REP 121826	QC	2.8	2.2	5.62	7.7	<0.001	1	0.06	0.003	0.01	<0.1	0.2	0.05	<0.02	5	0.2	0.05	<0.1	0.43	<0.1	<0.02
121839	Soil	8.9	9.7	5.19	83.8	0.004	4	0.44	0.009	0.08	<0.1	1.3	0.93	<0.02	16	0.3	0.09	1.3	1.07	<0.1	0.06
REP 121839	QC	9.0	9.2	5.10	83.7	0.004	2	0.49	0.010	0.09	<0.1	1.3	0.90	<0.02	16	0.4	0.08	1.4	1.21	<0.1	0.06
121849	Soil	8.5	5.7	5.09	53.4	0.004	2	0.40	0.005	0.07	<0.1	1.6	0.79	<0.02	22	0.4	0.12	1.1	2.00	<0.1	0.09
REP 121849	QC	8.2	5.6	4.83	54.2	0.003	2	0.33	0.005	0.07	<0.1	1.4	0.78	<0.02	24	0.2	0.07	1.1	2.00	<0.1	0.10
121873	Soil	12.9	20.5	2.35	109.1	0.011	5	1.17	0.009	0.06	0.1	2.7	0.15	0.02	46	0.4	0.08	2.9	1.57	<0.1	0.02
REP 121873	QC	12.9	21.7	2.39	112.9	0.011	2	1.18	0.009	0.06	0.1	2.9	0.16	0.03	47	0.5	0.03	3.0	1.48	<0.1	0.02
121920	Soil	10.6	28.3	0.59	221.8	0.016	1	1.88	0.007	0.05	0.2	2.1	0.26	0.05	54	0.5	0.04	6.5	1.37	<0.1	<0.02
REP 121920	QC	10.4	30.8	0.60	226.5	0.015	3	1.85	0.006	0.05	0.2	2.1	0.24	0.06	44	0.4	0.05	6.5	1.32	<0.1	0.04
121921	Soil	4.9	12.2	5.41	75.6	0.008	3	0.49	0.008	0.04	<0.1	1.3	0.26	<0.02	29	0.6	0.02	1.3	0.40	<0.1	<0.02
REP 121921	QC	4.9	24.6	4.99	75.6	0.008	2	0.49	0.008	0.05	<0.1	1.2	0.27	0.02	31	0.5	0.03	1.3	0.43	<0.1	<0.02
121928	Soil	16.8	31.3	1.18	169.3	0.025	<1	1.86	0.007	0.06	0.2	3.5	0.16	<0.02	29	0.2	0.04	4.5	1.64	<0.1	<0.02
REP 121928	QC	17.3	32.6	1.24	172.9	0.025	1	1.94	0.006	0.07	0.2	3.6	0.16	<0.02	32	0.3	0.07	4.8	1.70	<0.1	<0.02
Reference Materials																					
STD DS8	Standard	14.3	110.4	0.60	254.1	0.105	3	0.93	0.098	0.42	2.7	2.3	5.15	0.16	208	4.9	4.37	4.7	2.27	<0.1	0.10
STD DS8	Standard	16.0	114.2	0.62	307.4	0.116	3	0.99	0.107	0.44	3.1	2.7	5.68	0.16	200	5.4	5.54	5.0	2.47	0.2	0.06
STD DS8	Standard	12.7	112.5	0.58	267.4	0.105	2	0.92	0.104	0.42	2.7	2.1	5.20	0.14	193	5.3	4.60	4.4	2.25	<0.1	0.08
STD DS8	Standard	12.7	113.7	0.59	268.1	0.104	2	0.95	0.103	0.43	2.8	2.1	5.23	0.15	211	5.3	4.83	4.5	2.30	<0.1	0.08
STD DS8	Standard	15.3	121.7	0.62	273.6	0.112	2	0.94	0.093	0.42	3.1	2.4	5.72	0.16	219	5.6	5.78	4.9	2.52	<0.1	0.09
STD DS8	Standard	15.4	116.5	0.59	263.3	0.111	2	0.91	0.092	0.41	3.0	2.3	5.29	0.15	203	5.3	5.54	4.7	2.35	0.1	0.08
STD DS8	Standard	13.8	102.8	0.57	253.5	0.102	3	0.93	0.100	0.42	2.5	2.3	4.79	0.15	180	4.5	4.60	4.3	2.29	<0.1	0.07
STD DS8	Standard	15.4	108.5	0.60	267.1	0.115	2	0.99	0.105	0.43	2.8	2.4	4.88	0.16	182	5.1	4.75	4.6	2.37	<0.1	0.09
STD DS8	Standard	14.4	110.7	0.59	260.2	0.111	2	0.95	0.095	0.42	2.8	2.2	4.94	0.15	192	4.9	4.95	4.7	2.29	0.1	0.09
STD DS8	Standard	13.9	109.2	0.57	252.6	0.113	2	0.94	0.093	0.41	2.7	2.3	4.69	0.15	180	5.1	4.51	4.7	2.25	<0.1	0.08



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Part 3

QUALITY CONTROL REPORT

WHI11000454.2

		1F15 Nb ppm 0.02	1F15 Rb ppm 0.1	1F15 Sn ppm 0.1	1F15 Ta ppm 0.05	1F15 Zr ppm 0.1	1F15 Y ppm 0.01	1F15 Ce ppm 0.1	1F15 In ppm 0.02	1F15 Re ppb 1	1F15 Be ppm 0.1	1F15 Li ppm 0.1	1F15 Pd ppb 10	1F15 Pt ppb 2	7TD Pb % 0.02	7TD Zn % 0.01
121803	Soil	0.05	3.8	1.1	<0.05	1.3	7.57	11.3	<0.02	2	0.4	1.8	<10	<2	N.A.	N.A.
REP 121803	QC	0.06	4.1	1.1	<0.05	1.5	7.87	11.4	<0.02	4	0.3	1.7	<10	<2		
121822	Soil	0.09	2.0	0.3	<0.05	0.9	5.49	7.3	<0.02	1	0.2	1.6	<10	<2	N.A.	N.A.
REP 121822	QC	0.08	2.2	0.2	<0.05	0.9	5.42	7.4	<0.02	<1	0.2	1.6	<10	<2		
121826	Soil	0.02	0.7	0.4	<0.05	0.7	2.68	5.6	0.02	<1	<0.1	0.2	<10	<2	N.A.	N.A.
REP 121826	QC	<0.02	0.7	0.3	<0.05	0.6	2.56	5.6	<0.02	<1	0.1	0.2	<10	<2		
121839	Soil	0.16	3.9	0.5	<0.05	2.1	8.71	21.7	<0.02	2	0.4	4.3	<10	<2	N.A.	N.A.
REP 121839	QC	0.15	4.4	0.4	<0.05	1.9	8.63	19.8	<0.02	2	0.6	4.3	<10	<2		
121849	Soil	0.05	3.5	1.1	<0.05	7.7	9.29	19.5	<0.02	2	0.4	3.0	<10	2	N.A.	N.A.
REP 121849	QC	0.07	3.3	1.1	<0.05	6.7	8.72	19.0	<0.02	<1	0.6	2.9	11	2		
121873	Soil	0.31	6.4	0.5	<0.05	0.9	10.51	27.1	0.02	<1	0.7	10.3	<10	<2	N.A.	N.A.
REP 121873	QC	0.29	6.2	0.5	<0.05	0.8	10.25	25.5	0.02	<1	0.6	9.7	<10	<2		
121920	Soil	0.72	8.5	0.8	<0.05	0.7	5.84	24.1	0.03	<1	0.7	15.0	<10	<2	N.A.	N.A.
REP 121920	QC	0.71	7.8	0.7	<0.05	0.9	5.65	24.3	0.03	<1	0.7	15.7	<10	<2		
121921	Soil	0.19	4.1	0.3	<0.05	0.6	4.86	9.9	<0.02	<1	0.3	4.4	<10	<2	N.A.	N.A.
REP 121921	QC	0.16	4.4	0.3	<0.05	0.6	4.61	9.7	<0.02	<1	0.2	4.3	<10	<2		
121928	Soil	0.61	10.7	0.7	<0.05	0.3	9.87	39.8	0.02	<1	0.8	16.8	<10	<2	N.A.	N.A.
REP 121928	QC	0.67	11.2	0.7	<0.05	0.4	10.44	40.4	0.03	<1	0.7	17.6	<10	<2		
Reference Materials																
STD DS8	Standard	1.20	34.0	6.3	<0.05	2.2	5.78	25.6	2.02	52	5.5	25.4	115	344		
STD DS8	Standard	1.44	39.9	7.1	<0.05	2.3	6.54	29.6	2.12	55	5.7	27.3	129	374		
STD DS8	Standard	1.07	35.5	6.1	<0.05	2.0	5.20	23.9	2.04	56	5.6	24.1	127	321		
STD DS8	Standard	1.14	36.2	6.3	<0.05	1.9	5.23	24.2	1.98	63	5.5	24.1	120	347		
STD DS8	Standard	1.18	39.0	6.4	<0.05	2.2	5.99	30.0	2.31	54	5.3	25.7	135	365		
STD DS8	Standard	1.22	36.9	6.4	<0.05	2.1	5.96	29.4	2.18	58	5.4	23.6	135	337		
STD DS8	Standard	1.20	34.8	6.0	<0.05	1.9	5.56	25.6	1.98	53	5.0	25.9	103	300		
STD DS8	Standard	1.38	36.8	6.3	<0.05	2.1	6.25	27.6	2.06	55	4.9	29.1	114	301		
STD DS8	Standard	1.19	37.0	6.4	<0.05	2.0	5.81	26.3	2.08	51	4.6	27.1	114	318		
STD DS8	Standard	1.27	35.8	6.3	<0.05	1.8	5.83	27.0	1.98	49	5.6	26.4	103	308		



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Part 1

QUALITY CONTROL REPORT

WHI11000454.2

		1F15 Mo ppm 0.01	1F15 Cu ppm 0.01	1F15 Pb ppm 0.01	1F15 Zn ppm 0.1	1F15 Ag ppb 2	1F15 Ni ppm 0.1	1F15 Co ppm 0.1	1F15 Mn ppm 1	1F15 Fe % 0.01	1F15 As ppm 0.1	1F15 U ppm 0.1	1F15 Au ppb 0.2	1F15 Th ppm 0.1	1F15 Sr ppm 0.5	1F15 Cd ppm 0.01	1F15 Sb ppm 0.02	1F15 Bi ppm 0.02	1F15 V ppm 2	1F15 Ca % 0.01	1F15 P % 0.001
STD DS8	Standard	11.81	97.10	130.2	296.9	1682	34.5	7.0	594	2.31	23.6	2.7	107.9	6.6	63.8	2.07	5.72	6.85	38	0.68	0.077
STD DS8	Standard	12.07	103.8	137.2	316.9	1751	37.3	7.2	606	2.40	23.7	2.9	111.7	7.1	71.3	2.19	5.53	6.83	40	0.68	0.081
STD DS8	Standard	12.54	108.6	120.7	307.4	1716	38.6	7.1	614	2.39	23.9	2.6	101.7	6.6	55.0	2.33	4.64	5.69	42	0.71	0.074
STD DS8	Standard	12.74	109.2	120.9	312.3	1689	38.5	7.4	616	2.39	23.6	2.7	101.7	6.6	57.1	2.17	4.58	5.72	43	0.72	0.077
STD DS8	Standard	11.00	106.0	120.7	299.5	1735	37.8	7.3	591	2.24	25.3	2.7	105.1	6.0	55.7	2.47	5.57	6.65	35	0.65	0.080
STD DS8	Standard	12.74	103.2	113.7	301.3	1747	34.7	6.9	621	2.42	23.9	2.6	111.3	6.7	70.6	2.50	5.76	6.52	40	0.69	0.080
STD DS8	Standard	12.57	104.4	120.1	309.1	1727	36.0	7.0	600	2.45	23.6	2.5	131.8	6.4	69.7	2.44	5.60	6.52	40	0.67	0.076
STD DS8	Standard	12.65	106.5	126.6	315.3	1742	37.0	7.4	614	2.41	24.2	2.7	103.9	6.8	63.4	2.17	4.85	6.45	40	0.69	0.076
STD DS8	Standard	12.88	107.7	128.7	306.3	1773	38.6	7.2	604	2.43	23.9	2.6	105.4	6.5	64.6	2.20	4.78	6.30	40	0.70	0.073
STD DS8	Standard	13.69	109.2	126.7	313.8	1850	38.9	7.6	619	2.48	26.3	2.9	122.6	7.0	69.3	2.44	5.53	6.61	41	0.72	0.090
STD DS8	Standard	13.20	107.8	122.2	295.4	1732	35.0	7.2	594	2.47	25.4	2.7	110.7	6.8	67.1	2.35	5.36	6.19	41	0.70	0.084
STD DS8	Standard	12.44	105.7	121.7	312.1	1720	37.4	7.5	604	2.45	25.6	2.7	105.7	6.2	62.5	2.40	4.95	6.32	41	0.71	0.079
STD DS8	Standard	12.69	108.7	118.3	302.9	1694	36.8	7.4	586	2.45	26.1	2.4	105.7	6.1	63.5	2.43	4.89	6.22	40	0.69	0.078
STD DS8	Standard	11.60	104.1	135.8	297.6	1723	36.5	7.4	581	2.28	22.8	2.7	101.0	6.3	63.2	2.17	5.45	6.89	37	0.64	0.080
STD DS8	Standard	11.99	109.8	134.5	315.2	1706	37.0	7.3	593	2.41	23.5	2.7	106.6	6.7	66.4	2.11	5.44	6.87	39	0.66	0.082
STD DS8	Standard	12.43	110.9	125.4	326.5	1790	39.2	7.8	614	2.50	27.2	2.7	110.0	6.3	58.5	2.60	5.37	6.66	41	0.69	0.087
STD DS8	Standard	12.08	111.0	115.3	306.2	1739	36.7	7.6	575	2.43	24.6	2.4	110.8	5.8	58.1	2.32	4.99	6.25	40	0.67	0.083
STD DS8	Standard	11.71	99.08	106.9	290.6	1586	33.6	6.8	551	2.19	23.0	2.4	95.0	5.9	58.4	2.09	4.86	5.77	34	0.64	0.076
STD DS8	Standard	10.75	106.0	122.6	318.4	1895	38.0	7.3	611	2.53	26.2	2.5	115.2	5.8	68.6	2.33	5.94	7.49	41	0.64	0.082
STD DS8	Standard	10.58	110.5	124.6	335.3	1843	38.7	7.3	612	2.52	26.1	2.4	118.2	5.7	72.0	2.27	6.14	7.32	41	0.66	0.088
STD R4T	Standard																				
STD DS8 Expected		13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
STD R4T Expected																					
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001



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Part 2

QUALITY CONTROL REPORT

WHI11000454.2

		1F15 La ppm 0.5	1F15 Cr ppm 0.5	1F15 Mg % 0.01	1F15 Ba ppm 0.5	1F15 Ti % 0.001	1F15 B ppm 1	1F15 Al % 0.01	1F15 Na % 0.001	1F15 K % 0.01	1F15 W ppm 0.1	1F15 Sc ppm 0.1	1F15 Ti ppm 0.02	1F15 S % 0.02	1F15 Hg ppb 5	1F15 Se ppm 0.1	1F15 Te ppm 0.02	1F15 Ga ppm 0.1	1F15 Cs ppm 0.02	1F15 Ge ppm 0.1	1F15 Hf ppm 0.02
STD DS8	Standard	13.2	107.5	0.59	266.7	0.101	2	0.87	0.083	0.40	2.8	2.1	5.28	0.16	170	4.7	4.39	4.7	2.32	<0.1	0.07
STD DS8	Standard	14.5	118.7	0.60	282.6	0.109	3	0.92	0.090	0.41	2.9	2.1	5.45	0.16	186	5.1	4.60	4.5	2.40	<0.1	0.07
STD DS8	Standard	14.5	113.8	0.60	267.1	0.094	2	0.96	0.102	0.43	2.9	2.2	5.46	0.15	191	5.1	4.54	4.4	2.34	<0.1	0.09
STD DS8	Standard	15.6	123.1	0.60	273.6	0.098	2	0.97	0.105	0.42	2.7	2.3	5.22	0.15	154	5.2	4.43	4.3	2.25	0.2	0.10
STD DS8	Standard	11.7	108.5	0.56	241.5	0.104	3	0.83	0.081	0.39	2.7	2.0	4.97	0.14	195	5.1	4.68	4.4	2.40	<0.1	0.06
STD DS8	Standard	15.9	111.9	0.59	264.8	0.117	3	0.90	0.087	0.40	3.2	2.2	5.32	0.15	212	5.5	4.96	4.6	2.41	0.1	0.09
STD DS8	Standard	15.4	103.6	0.59	259.5	0.116	3	0.91	0.088	0.41	3.0	2.2	5.23	0.16	206	5.2	5.06	4.5	2.35	<0.1	0.10
STD DS8	Standard	14.3	115.3	0.58	264.7	0.116	2	0.92	0.096	0.40	2.8	2.2	5.31	0.16	194	5.3	5.42	4.6	2.40	0.2	0.08
STD DS8	Standard	14.2	120.5	0.59	262.8	0.115	2	0.94	0.101	0.41	3.0	2.2	5.38	0.16	196	5.3	4.97	4.5	2.37	0.1	0.09
STD DS8	Standard	16.3	118.4	0.60	286.5	0.121	3	0.93	0.090	0.42	3.2	2.5	5.48	0.16	203	5.5	4.85	4.7	2.58	<0.1	0.09
STD DS8	Standard	16.3	110.8	0.59	274.7	0.118	3	0.92	0.091	0.42	3.1	2.3	5.32	0.16	204	5.2	4.90	4.5	2.48	0.2	0.10
STD DS8	Standard	14.3	111.7	0.60	276.7	0.110	3	0.91	0.087	0.41	3.0	2.4	5.19	0.16	220	5.3	4.94	4.5	2.45	<0.1	0.07
STD DS8	Standard	13.8	112.4	0.59	265.8	0.108	3	0.91	0.086	0.41	2.8	2.4	5.08	0.16	185	5.4	5.00	4.5	2.38	0.1	0.08
STD DS8	Standard	11.4	112.8	0.57	252.2	0.098	3	0.85	0.079	0.38	2.8	1.9	5.19	0.15	184	4.7	4.95	4.1	2.29	<0.1	0.08
STD DS8	Standard	12.6	113.1	0.58	259.3	0.101	3	0.90	0.089	0.41	2.8	2.0	5.20	0.16	197	4.9	4.48	4.3	2.32	0.2	0.08
STD DS8	Standard	12.3	117.3	0.61	272.5	0.106	2	0.86	0.079	0.41	3.0	2.3	5.44	0.17	219	5.6	4.87	4.6	2.46	<0.1	0.06
STD DS8	Standard	12.2	108.1	0.59	260.2	0.101	2	0.86	0.080	0.41	2.6	2.1	5.23	0.16	217	4.6	4.61	4.1	2.28	<0.1	0.05
STD DS8	Standard	13.2	104.8	0.55	244.0	0.100	3	0.83	0.076	0.37	2.7	2.0	4.71	0.15	201	4.6	4.51	4.1	2.18	0.1	0.09
STD DS8	Standard	11.0	120.1	0.60	248.8	0.095	3	0.86	0.074	0.41	3.1	1.9	5.64	0.17	211	5.3	4.99	4.3	2.43	<0.1	0.08
STD DS8	Standard	11.6	118.9	0.61	250.9	0.098	4	0.87	0.076	0.41	3.1	1.7	5.53	0.17	203	4.9	5.30	4.5	2.42	<0.1	0.09
STD R4T	Standard																				
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7	2.48	0.13	0.08
STD R4T Expected																					
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02



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Part 3

QUALITY CONTROL REPORT

WHI11000454.2

		1F15 Nb ppm 0.02	1F15 Rb ppm 0.1	1F15 Sn ppm 0.1	1F15 Ta ppm 0.05	1F15 Zr ppm 0.1	1F15 Y ppm 0.01	1F15 Ce ppm 0.1	1F15 In ppm 0.02	1F15 Re ppb 1	1F15 Be ppm 0.1	1F15 Li ppm 0.1	1F15 Pd ppb 10	1F15 Pt ppb 2	7TD Pb % 0.02	7TD Zn % 0.01
STD DS8	Standard	1.06	33.0	6.1	<0.05	2.1	5.38	24.0	1.87	53	5.0	25.6	117	308		
STD DS8	Standard	1.00	34.6	6.2	<0.05	2.0	5.54	27.2	2.05	48	5.7	28.9	127	359		
STD DS8	Standard	1.18	35.6	6.6	<0.05	1.9	5.31	26.0	1.98	42	4.8	26.6	114	332		
STD DS8	Standard	1.27	36.0	6.7	<0.05	2.1	5.41	26.8	2.04	42	4.9	26.9	123	328		
STD DS8	Standard	1.07	38.3	6.7	<0.05	1.6	5.03	20.7	2.27	54	5.1	26.9	121	319		
STD DS8	Standard	1.40	37.4	6.8	<0.05	2.1	6.12	28.8	2.31	59	5.1	27.3	116	342		
STD DS8	Standard	1.36	36.0	7.0	<0.05	2.0	6.14	28.3	2.15	44	4.5	25.4	112	339		
STD DS8	Standard	1.27	37.0	6.4	<0.05	2.0	5.69	26.7	2.04	52	5.5	23.2	129	341		
STD DS8	Standard	1.25	36.7	6.4	<0.05	2.1	5.85	26.6	1.98	57	4.8	22.9	123	338		
STD DS8	Standard	1.50	40.0	6.5	<0.05	2.2	6.73	30.6	2.15	60	5.2	26.2	117	352		
STD DS8	Standard	1.48	37.2	6.1	<0.05	2.0	6.56	30.7	2.14	55	5.2	26.5	123	341		
STD DS8	Standard	1.15	38.8	5.9	<0.05	2.0	5.63	27.7	2.12	58	4.9	26.3	118	328		
STD DS8	Standard	1.23	38.3	5.8	<0.05	2.0	5.89	26.3	2.15	59	5.1	26.2	115	323		
STD DS8	Standard	1.00	34.3	6.3	<0.05	1.8	4.87	20.7	1.85	48	4.2	27.6	116	352		
STD DS8	Standard	0.95	34.9	6.5	<0.05	1.9	5.21	23.5	2.01	57	5.9	29.7	118	348		
STD DS8	Standard	1.01	36.9	6.6	<0.05	1.9	4.97	23.1	1.96	41	5.1	28.9	113	352		
STD DS8	Standard	1.03	34.4	6.3	<0.05	1.6	4.88	23.4	2.00	48	4.8	25.7	114	324		
STD DS8	Standard	1.18	34.3	6.4	<0.05	2.0	5.09	25.0	1.92	42	4.4	25.0	107	324		
STD DS8	Standard	0.92	36.2	6.8	<0.05	1.7	4.85	20.4	2.18	51	5.4	27.6	130	344		
STD DS8	Standard	1.01	37.1	6.5	<0.05	1.8	4.97	20.7	2.06	55	6.0	27.7	126	349		
STD R4T	Standard														1.58	3.45
STD DS8 Expected		1.65	39	6.7	0.003	2.3	6.1	29.8	2.19	55	5.2	26.34	110	339		
STD R4T Expected															1.518	3.376
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		



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Part 1

QUALITY CONTROL REPORT

WHI11000454.2

		1F15 Mo ppm 0.01	1F15 Cu ppm 0.01	1F15 Pb ppm 0.01	1F15 Zn ppm 0.1	1F15 Ag ppb 2	1F15 Ni ppm 0.1	1F15 Co ppm 0.1	1F15 Mn ppm 1	1F15 Fe % 0.01	1F15 As ppm 0.1	1F15 U ppm 0.1	1F15 Au ppb 0.2	1F15 Th ppm 0.1	1F15 Sr ppm 0.5	1F15 Cd ppm 0.01	1F15 Sb ppm 0.02	1F15 Bi ppm 0.02	1F15 V ppm 2	1F15 Ca % 0.01	1F15 P % 0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001



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Part 2

QUALITY CONTROL REPORT

WHI11000454.2

		1F15 La ppm 0.5	1F15 Cr ppm 0.5	1F15 Mg % 0.01	1F15 Ba ppm 0.5	1F15 Ti % 0.001	1F15 B ppm 1	1F15 Al % 0.01	1F15 Na % 0.001	1F15 K % 0.01	1F15 W ppm 0.1	1F15 Sc ppm 0.1	1F15 Ti ppm 0.02	1F15 S % 0.02	1F15 Hg ppb 5	1F15 Se ppm 0.1	1F15 Te ppm 0.02	1F15 Ga ppm 0.1	1F15 Cs ppm 0.02	1F15 Ge ppm 0.1	1F15 Hf ppm 0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02



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Part 3

QUALITY CONTROL REPORT

WHI11000454.2

		1F15 Nb ppm 0.02	1F15 Rb ppm 0.1	1F15 Sn ppm 0.1	1F15 Ta ppm 0.05	1F15 Zr ppm 0.1	1F15 Y ppm 0.01	1F15 Ce ppm 0.1	1F15 In ppm 0.02	1F15 Re ppb 1	1F15 Be ppm 0.1	1F15 Li ppm 0.1	1F15 Pd ppb 10	1F15 Pt ppb 2	7TD Pb % 0.02	7TD Zn % 0.01
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2		
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	<0.02	<0.01



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Submitted By: Roger Hulstein
Receiving Lab: Canada-Whitehorse
Received: July 04, 2011
Report Date: July 24, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI11000455.1

CLIENT JOB INFORMATION

Project: Scarlet
Shipment ID: 2011-14
P.O. Number: NA-10330
Number of Samples: 19

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

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: Radius Gold Inc.
830 - 355 Burrard St.
Vancouver BC V6C 2G8
Canada

CC: Simon Ridgway
database backup
Scott Turton

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	18	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B01	19	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX1	19	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
7TD	2	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS



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



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Project: Scarlet
Report Date: July 24, 2011

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CERTIFICATE OF ANALYSIS

WHI11000455.1

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	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
118762	Rock	2.04	<2	1.0	1.0	740.2	2498	<0.1	0.5	0.1	193	11.87	6.7	<0.5	<0.1	3	0.7	0.6	<0.1	<2
118763	Rock	2.54	<2	1.1	1.2	202.5	291	0.3	1.0	0.4	591	1.70	9.0	<0.5	<0.1	27	1.2	1.2	<0.1	<2
118764	Rock	2.44	<2	0.4	0.5	11.3	78	<0.1	1.1	0.2	771	0.43	3.3	<0.5	<0.1	54	0.2	0.1	<0.1	<2
118765	Rock	2.53	<2	0.4	0.7	65.5	84	<0.1	0.5	0.2	551	0.61	3.5	<0.5	<0.1	37	0.6	0.2	<0.1	<2
118451	Rock	2.17	3	2.5	7.1	4.6	40	<0.1	7.5	5.8	1045	1.97	9.9	<0.5	1.3	355	0.3	0.2	<0.1	36
118759	Rock	0.86	5	0.3	65.3	2.1	95	<0.1	37.7	34.7	954	7.59	<0.5	<0.5	2.0	41	0.1	<0.1	<0.1	251
118760	Rock	4.02	<2	0.9	67.6	2.2	144	<0.1	27.7	28.4	939	5.24	0.7	<0.5	2.1	118	0.3	<0.1	<0.1	159
118761	Rock	0.97	<2	21.0	1.0	1.1	14	<0.1	2.7	0.5	102	0.26	36.7	<0.5	0.3	158	0.2	0.3	<0.1	15
118607	Rock	0.89	<2	0.5	1.4	39.3	>10000	0.2	0.7	0.3	1386	0.89	3.8	<0.5	0.2	66	45.5	<0.1	<0.1	<2
118606	Rock	1.64	<2	1.4	2.0	>10000	>10000	0.2	1.9	0.5	511	>40	5.2	<0.5	0.4	2	49.4	<0.1	<0.1	3
119173	Rock	2.04	4	0.6	2.9	17.1	59	<0.1	5.6	2.9	113	0.76	5.6	3.5	4.5	2	0.1	0.3	<0.1	<2
119174	Rock	1.63	<2	0.3	1.3	25.6	22	<0.1	2.7	1.1	72	1.10	6.9	4.5	0.9	119	<0.1	0.2	<0.1	2
119175	Rock	1.30	<2	0.5	0.8	193.2	834	<0.1	0.5	0.2	30	2.28	1.6	5.3	<0.1	1	0.1	<0.1	<0.1	<2
119177	Rock	3.06	<2	0.8	6.5	8.9	12	<0.1	5.9	0.9	29	3.82	15.9	4.3	0.4	37	0.2	0.9	<0.1	37
119178	Rock	1.08	<2	0.2	1.1	2.2	106	<0.1	17.3	0.3	55	0.07	18.2	3.8	<0.1	65	1.5	0.1	<0.1	5
119179	Rock	1.39	<2	0.3	1.8	1.4	76	<0.1	19.3	0.6	75	0.09	24.3	3.6	0.2	54	0.8	0.2	<0.1	6
119180	Rock	1.38	<2	0.4	1.5	1.9	98	<0.1	16.6	0.4	53	0.04	13.4	3.3	0.1	52	1.6	0.1	<0.1	3
119181	Rock Pulp	0.10	2639	16.1	36.7	31.1	179	1.0	47.6	6.2	261	1.91	532.2	59.0	2.7	49	2.2	24.0	0.3	98
119176	Rock	2.98	<2	2.9	1.3	184.6	3454	0.2	2.0	0.7	788	11.77	15.4	9.0	0.1	46	1.8	1.4	<0.1	<2



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CERTIFICATE OF ANALYSIS

WHI11000455.1

	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7TD	7TD
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Pb	Zn
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	%
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.02	0.01
118762	Rock	0.014	<1	<1	0.38	2	<0.001	<20	<0.01	<0.001	<0.01	<0.1	0.68	0.1	3.3	<0.05	<1	<0.5	<0.2		
118763	Rock	0.011	<1	<1	4.10	2	<0.001	<20	<0.01	0.003	<0.01	<0.1	0.31	<0.1	1.7	1.07	<1	<0.5	<0.2		
118764	Rock	0.012	<1	1	7.25	3	<0.001	<20	0.01	0.005	<0.01	<0.1	0.06	<0.1	1.5	0.31	<1	<0.5	<0.2		
118765	Rock	0.010	<1	1	5.74	2	<0.001	<20	<0.01	0.004	<0.01	<0.1	0.10	<0.1	1.1	0.22	<1	<0.5	<0.2		
118451	Rock	0.073	15	8	0.56	264	0.002	<20	0.63	0.004	0.13	<0.1	<0.01	3.5	0.1	0.41	3	<0.5	<0.2		
118759	Rock	0.156	18	48	4.45	85	0.585	<20	4.18	0.056	0.06	0.2	<0.01	12.2	<0.1	<0.05	17	0.6	<0.2		
118760	Rock	0.163	20	3	2.32	65	0.504	<20	2.97	0.132	0.16	0.2	<0.01	5.8	<0.1	<0.05	10	<0.5	<0.2		
118761	Rock	0.073	2	4	7.70	37	0.003	<20	0.10	0.017	0.05	<0.1	<0.01	0.4	0.3	0.09	<1	0.7	<0.2		
118607	Rock	0.042	1	<1	9.40	22	0.001	<20	0.06	0.011	0.02	<0.1	1.59	0.3	0.4	0.41	2	0.8	<0.2	<0.02	1.80
118606	Rock	0.055	1	1	0.29	20	<0.001	<20	0.06	0.002	0.01	<0.1	0.89	0.3	10.5	0.42	1	1.6	<0.2	3.43	2.83
119173	Rock	0.020	2	3	0.03	8	<0.001	<20	0.12	<0.001	0.06	<0.1	0.05	0.6	<0.1	<0.05	<1	<0.5	<0.2		
119174	Rock	0.026	7	2	0.68	93	<0.001	<20	0.11	0.027	0.05	<0.1	<0.01	1.3	<0.1	0.88	<1	0.6	<0.2		
119175	Rock	0.008	<1	1	0.02	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	0.15	0.2	0.6	<0.05	<1	<0.5	<0.2		
119177	Rock	0.029	3	8	0.48	52	<0.001	<20	0.11	<0.001	0.04	<0.1	0.03	0.6	1.8	<0.05	<1	1.9	<0.2		
119178	Rock	0.011	2	<1	0.19	12	<0.001	<20	0.03	0.001	<0.01	<0.1	<0.01	0.3	0.8	<0.05	<1	<0.5	<0.2		
119179	Rock	0.013	2	1	0.21	16	<0.001	<20	0.04	0.002	0.01	<0.1	<0.01	0.3	0.5	<0.05	<1	<0.5	<0.2		
119180	Rock	0.011	2	<1	0.20	10	<0.001	<20	0.03	0.002	<0.01	<0.1	<0.01	0.5	0.4	<0.05	<1	<0.5	<0.2		
119181	Rock Pulp	0.087	10	28	2.03	128	0.005	<20	0.50	0.004	0.20	3.3	4.05	2.5	1.5	1.31	2	3.2	0.2		
119176	Rock	0.046	1	<1	3.86	6	<0.001	<20	0.02	0.004	<0.01	<0.1	1.73	<0.1	47.2	9.11	<1	<0.5	<0.2		



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Part 1

QUALITY CONTROL REPORT

WHI11000455.1

	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	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
Pulp Duplicates																					
118762	Rock	2.04	<2	1.0	1.0	740.2	2498	<0.1	0.5	0.1	193	11.87	6.7	<0.5	<0.1	3	0.7	0.6	<0.1	<2	0.71
REP 118762	QC	<2																			
118760	Rock	4.02	<2	0.9	67.6	2.2	144	<0.1	27.7	28.4	939	5.24	0.7	<0.5	2.1	118	0.3	<0.1	<0.1	159	4.49
REP 118760	QC	<2																			
118607	Rock	0.89	<2	0.5	1.4	39.3	>10000	0.2	0.7	0.3	1386	0.89	3.8	<0.5	0.2	66	45.5	<0.1	<0.1	<2	18.48
REP 118607	QC			0.6	1.3	37.3	>10000	0.2	0.8	0.3	1387	0.89	3.9	<0.5	0.2	63	46.3	<0.1	<0.1	<2	18.72
118606	Rock	1.64	<2	1.4	2.0	>10000	>10000	0.2	1.9	0.5	511	>40	5.2	<0.5	0.4	2	49.4	<0.1	<0.1	3	0.48
REP 118606	QC																				
Reference Materials																					
STD DS8	Standard			13.4	101.5	122.5	317	1.7	37.4	7.0	612	2.44	27.9	98.7	6.8	75	2.5	3.6	6.4	40	0.73
STD OREAS131B	Standard																				
STD OREAS45CA	Standard			0.8	548.0	22.0	67	0.3	281.2	94.5	1026	16.41	4.1	36.6	7.5	18	0.2	<0.1	0.2	226	0.46
STD OXC88	Standard	183																			
STD OXC88	Standard	205																			
STD OXH82	Standard	1239																			
STD OXH82	Standard	1339																			
STD R4T	Standard																				
STD SU-1B	Standard																				
STD OXC88 Expected		203																			
STD OXH82 Expected		1278																			
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1	0.7
STD OREAS45CA Expected				1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265
STD R4T Expected																					
STD OREAS131B Expected																					
STD SU-1B Expected																					
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	<2																			



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Part 2

QUALITY CONTROL REPORT

WHI11000455.1

	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7TD	7TD
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Pb	Zn
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	%
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.02	0.01
Pulp Duplicates																					
118762	Rock	0.014	<1	<1	0.38	2	<0.001	<20	<0.01	<0.001	<0.01	<0.1	0.68	0.1	3.3	<0.05	<1	<0.5	<0.2		
REP 118762	QC																				
118760	Rock	0.163	20	3	2.32	65	0.504	<20	2.97	0.132	0.16	0.2	<0.01	5.8	<0.1	<0.05	10	<0.5	<0.2		
REP 118760	QC																				
118607	Rock	0.042	1	<1	9.40	22	0.001	<20	0.06	0.011	0.02	<0.1	1.59	0.3	0.4	0.41	2	0.8	<0.2	<0.02	1.80
REP 118607	QC	0.043	1	1	9.45	21	0.001	<20	0.06	0.011	0.02	<0.1	1.61	0.3	0.4	0.42	2	0.9	<0.2		
118606	Rock	0.055	1	1	0.29	20	<0.001	<20	0.06	0.002	0.01	<0.1	0.89	0.3	10.5	0.42	1	1.6	<0.2	3.43	2.83
REP 118606	QC																				
Reference Materials																					
STD DS8	Standard	0.080	15	110	0.61	305	0.110	<20	0.94	0.094	0.40	2.6	0.18	2.1	5.2	0.15	5	5.2	5.3		
STD OREAS131B	Standard																				
STD OREAS45CA	Standard	0.043	18	797	0.14	191	0.152	<20	4.27	0.008	0.08	<0.1	0.03	37.8	<0.1	<0.05	21	0.8	<0.2		
STD OXC88	Standard																				
STD OXC88	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD R4T	Standard																				
STD SU-1B	Standard																				
STD OXC88 Expected																					
STD OXH82 Expected																					
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5		
STD OREAS45CA Expected		0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5			
STD R4T Expected																					
STD OREAS131B Expected																					
STD SU-1B Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				



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		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	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
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
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		<2	0.1	3.7	19.1	51	<0.1	3.5	4.3	615	2.02	<0.5	2.6	6.0	81	<0.1	<0.1	<0.1	37	0.58
G1	Prep Blank		<2	0.2	2.2	4.3	51	<0.1	3.7	4.3	593	2.02	<0.5	0.6	6.9	79	<0.1	<0.1	<0.1	38	0.56



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QUALITY CONTROL REPORT

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		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Tl ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	7TD Pb %	7TD Zn %
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.02	0.01
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
BLK	Blank																			<0.02	<0.01
Prep Wash																					
G1	Prep Blank	0.082	12	6	0.60	232	0.134	<20	1.16	0.123	0.50	<0.1	<0.01	2.2	0.3	<0.05	6	<0.5	<0.2		
G1	Prep Blank	0.079	14	7	0.59	231	0.136	<20	1.11	0.115	0.52	<0.1	<0.01	2.1	0.3	<0.05	6	<0.5	<0.2		



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Submitted By: Roger Hulstein
Receiving Lab: Canada-Whitehorse
Received: July 04, 2011
Report Date: August 18, 2011
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CERTIFICATE OF ANALYSIS

WHI11000456.1

CLIENT JOB INFORMATION

Project: Scarlet
Shipment ID: 2011-12
P.O. Number
Number of Samples: 128

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

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: Radius Gold Inc.
830 - 355 Burrard St.
Vancouver BC V6C 2G8
Canada

CC: David Clark
database backup
Simon Ridgway
Scott Turton

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
S150	112	Sieve to 150 mesh			VAN
3B01+3B04	112	lead collection fire assay - ICP-ES finish	50	Completed	VAN
1F03	112	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN
RJSV	112	Saving all or part of Soil Reject			VAN

ADDITIONAL COMMENTS



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



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Report Date:

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CERTIFICATE OF ANALYSIS

WHI11000456.1

	Method	WGHT	3B-50	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
121651	Silt	2.77	<2	0.98	17.49	179.0	963.6	164	16.4	7.7	849	2.84	14.7	1.8	6.0	2.4	56.2	1.97	1.39	0.17	8
121652	Silt	3.02	<2	0.89	5.89	3.81	18.7	32	9.5	3.5	121	0.67	5.6	0.6	2.8	0.8	88.1	0.16	0.24	0.07	8
121653	Silt	4.43	<2	0.90	4.05	3.30	15.1	24	7.8	2.7	95	0.57	4.9	0.7	<0.2	0.8	100.6	0.12	0.20	0.04	7
121655	Silt	3.41	<2	0.64	35.50	20.37	89.5	42	31.4	18.8	1651	3.47	6.1	0.9	1.4	4.3	27.9	0.15	0.23	0.38	22
121656	Silt	3.87	<2	0.42	24.94	24.50	118.6	74	27.3	12.7	578	3.39	8.2	0.5	0.6	2.1	89.9	0.13	0.32	0.27	14
120596	Silt	2.41	<2	1.07	7.00	4.93	26.7	29	12.7	4.0	151	0.77	52.1	1.3	0.4	0.7	113.2	0.21	0.25	0.06	12
120599	Silt	2.66	<2	1.01	15.22	8.58	39.4	46	17.1	11.4	517	2.44	27.8	0.7	1.1	1.4	89.7	0.24	0.30	0.06	36
120600	Silt	3.71	<2	0.93	14.65	8.39	39.8	52	17.1	10.4	501	2.22	20.6	0.6	0.4	1.2	80.9	0.23	0.28	0.06	33
120521	Silt	3.45	<2	0.36	14.13	15.91	155.1	48	22.6	8.6	315	1.98	4.7	0.7	1.0	2.5	42.6	0.47	0.17	0.14	15
120522	Silt	2.29	<2	0.56	21.54	13.50	85.6	55	23.6	8.3	278	1.92	10.7	1.2	0.9	1.9	86.0	0.27	0.25	0.15	18
121851	Silt	3.11	<2	0.80	13.43	7.49	39.6	54	14.6	8.3	476	1.73	23.7	0.8	0.6	1.1	96.6	0.29	0.29	0.06	28
121852	Silt	3.05	<2	0.74	13.20	7.60	44.9	57	13.7	7.2	350	1.56	22.0	0.7	0.5	1.0	79.7	0.28	0.35	0.06	23
121853	Silt	2.98	3	0.66	12.74	9.95	48.9	54	12.9	6.7	306	1.40	12.6	0.5	0.9	1.4	71.8	0.27	0.60	0.06	19
121854	Silt	3.60	<2	0.78	15.37	10.90	58.5	69	15.9	7.9	360	1.66	21.0	0.7	0.7	1.9	88.6	0.31	0.56	0.08	26
121855	Silt	2.82	<2	0.66	12.44	9.60	49.0	54	13.8	6.1	286	1.30	20.4	0.6	0.4	1.4	97.5	0.26	0.49	0.07	20
121856	Silt	3.58	<2	0.66	13.20	10.74	50.1	58	13.5	5.6	250	1.19	26.4	0.9	2.2	1.4	110.7	0.28	0.47	0.10	21
120584	Silt	1.89	<2	1.79	18.52	16.11	91.4	120	25.8	8.0	724	1.59	5.9	1.7	0.9	1.3	70.1	0.67	0.37	0.14	23
120586	Silt	3.27	<2	1.26	19.51	17.26	107.9	89	22.8	11.9	372	3.05	6.0	0.9	0.5	3.2	26.7	0.37	0.28	0.19	26
120588	Silt	3.16	<2	1.06	9.27	5.82	151.3	47	36.1	3.7	317	0.81	6.3	1.7	<0.2	0.7	53.7	1.62	0.34	0.04	20
120580	Silt	4.00	<2	1.39	16.32	31.90	70.1	117	22.5	9.2	504	1.96	6.3	1.0	<0.2	2.2	37.4	0.29	0.29	0.14	19
120581	Silt	3.02	<2	1.33	13.16	11.14	71.5	102	20.6	7.5	570	1.35	5.4	1.1	<0.2	0.8	38.8	0.44	0.23	0.10	16
120582	Silt	2.51	<2	1.51	14.17	10.70	73.3	92	21.0	7.6	560	1.57	6.3	1.1	0.2	1.0	50.7	0.50	0.25	0.10	17
120574	Silt	1.95	<2	1.34	20.71	16.62	157.1	245	23.6	20.2	7183	4.00	11.6	0.9	1.0	1.2	30.1	1.08	0.30	0.21	19
120575	Silt	2.39	<2	1.39	22.47	17.32	116.7	174	29.1	11.7	942	2.87	6.1	1.0	<0.2	1.8	31.7	0.63	0.45	0.20	29
120576	Silt	2.37	<2	1.17	18.68	18.14	104.3	118	28.2	11.7	786	2.62	5.4	0.7	0.2	1.8	25.6	0.57	0.37	0.18	23
120577	Silt	2.25	<2	0.66	3.73	2.96	28.4	43	7.1	2.0	123	0.37	2.9	0.7	0.4	0.3	19.0	0.21	0.13	0.02	7
120578	Silt	1.97	<2	1.30	8.68	7.49	51.1	70	15.0	5.0	264	1.03	5.3	1.0	<0.2	0.6	39.2	0.29	0.25	0.07	13
120579	Silt	2.10	<2	1.29	7.80	6.42	52.9	80	15.7	4.7	396	0.86	4.8	1.2	<0.2	0.5	40.4	0.35	0.23	0.06	14
118883	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118884	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.



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Project: Scarlet
Report Date: August 18, 2011

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CERTIFICATE OF ANALYSIS

WHI11000456.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm
	MDL	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02
121651	Silt	8.27	0.076	4.8	5.5	4.25	28.9	0.001	3	0.20	0.005	0.07	<0.1	2.2	0.72	0.06	346	0.3	0.02
121652	Silt	17.12	0.020	4.4	5.6	7.08	108.2	0.003	3	0.20	0.008	0.03	<0.1	1.0	0.15	<0.02	10	0.2	0.04
121653	Silt	19.72	0.015	3.9	4.5	8.09	106.0	0.003	3	0.16	0.009	0.03	<0.1	0.8	0.07	<0.02	6	0.1	<0.02
121655	Silt	0.94	0.035	5.0	28.3	0.86	259.1	0.004	2	1.51	0.007	0.13	<0.1	3.6	0.10	<0.02	13	0.1	0.02
121656	Silt	1.82	0.052	2.7	15.8	0.90	95.2	0.002	4	0.94	0.004	0.10	<0.1	3.1	0.07	0.04	42	0.4	0.05
120596	Silt	18.39	0.029	4.2	7.5	7.11	39.4	0.003	4	0.26	0.011	0.05	<0.1	0.9	0.23	<0.02	17	0.2	0.04
120599	Silt	14.69	0.072	10.8	12.7	6.00	72.3	0.010	5	0.57	0.009	0.08	<0.1	3.5	0.38	0.02	15	0.3	0.04
120600	Silt	12.78	0.069	9.6	11.9	5.56	59.9	0.008	3	0.49	0.008	0.06	<0.1	3.2	0.22	0.02	14	0.3	0.04
120521	Silt	2.40	0.071	8.6	18.9	1.57	97.2	0.005	4	0.93	0.004	0.10	<0.1	2.0	0.11	0.05	40	0.5	0.03
120522	Silt	4.52	0.069	8.6	25.1	2.45	141.8	0.005	4	1.06	0.004	0.06	<0.1	2.4	0.35	0.04	48	0.9	<0.02
121851	Silt	15.40	0.058	7.6	11.0	6.25	78.0	0.009	4	0.47	0.009	0.05	<0.1	2.5	0.29	<0.02	16	0.3	0.04
121852	Silt	10.95	0.054	6.4	10.6	4.69	84.0	0.008	3	0.44	0.007	0.04	<0.1	2.1	0.21	<0.02	25	0.3	0.03
121853	Silt	8.96	0.042	5.3	9.5	3.83	80.8	0.014	2	0.44	0.007	0.05	<0.1	1.9	0.11	<0.02	30	0.1	0.03
121854	Silt	10.85	0.064	7.5	13.6	4.52	113.7	0.017	3	0.64	0.010	0.06	0.1	2.4	0.20	<0.02	35	0.3	0.04
121855	Silt	12.78	0.049	5.4	10.5	5.58	96.5	0.011	3	0.46	0.009	0.05	<0.1	1.8	0.29	<0.02	33	0.3	0.03
121856	Silt	13.34	0.046	6.7	10.3	6.03	103.3	0.012	3	0.46	0.010	0.06	<0.1	1.8	0.37	<0.02	28	0.4	0.03
120584	Silt	9.57	0.089	11.2	16.3	3.92	138.9	0.004	6	0.79	0.005	0.12	<0.1	2.1	0.24	0.05	31	1.1	0.03
120586	Silt	0.84	0.070	13.4	21.6	0.49	292.8	0.004	6	1.17	0.002	0.20	<0.1	3.3	0.16	0.06	25	1.0	0.02
120588	Silt	12.90	0.093	7.5	8.6	5.12	125.0	0.003	4	0.30	0.004	0.05	<0.1	1.1	0.30	<0.02	25	0.4	0.02
120580	Silt	4.21	0.078	11.2	15.4	1.99	92.3	0.003	4	0.73	0.004	0.12	<0.1	2.3	0.14	<0.02	9	0.4	0.04
120581	Silt	6.61	0.080	6.8	10.9	3.07	79.3	0.003	3	0.46	0.003	0.05	<0.1	1.3	0.13	0.02	18	0.5	0.02
120582	Silt	7.99	0.087	7.6	11.2	3.29	89.5	0.003	4	0.50	0.003	0.06	<0.1	1.6	0.16	0.03	11	0.5	0.04
120574	Silt	0.80	0.116	11.8	23.2	0.37	412.5	0.004	7	1.02	0.002	0.08	<0.1	2.0	0.12	0.16	89	2.5	0.07
120575	Silt	0.63	0.090	11.6	23.7	0.39	172.2	0.003	4	1.24	0.001	0.13	<0.1	3.3	0.14	0.06	31	1.1	0.07
120576	Silt	0.49	0.062	10.5	18.9	0.37	154.5	0.003	4	1.09	<0.001	0.11	<0.1	2.5	0.12	0.04	17	0.7	0.04
120577	Silt	5.49	0.038	2.6	3.5	2.64	25.5	0.002	2	0.12	0.002	0.01	<0.1	0.4	0.08	<0.02	<5	0.2	<0.02
120578	Silt	8.45	0.060	4.8	8.4	3.73	53.9	0.002	2	0.31	0.003	0.04	<0.1	0.9	0.11	<0.02	7	0.3	0.04
120579	Silt	9.94	0.070	5.3	7.9	4.61	63.2	0.003	3	0.32	0.004	0.04	<0.1	0.9	0.14	<0.02	13	0.4	0.03
118883	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118884	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.



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Project:

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Part 1

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	3B-50	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
118885	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118886	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118887	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118888	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118889	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118890	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118891	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118892	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118893	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118894	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118895	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118896	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118897	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118898	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118699	Silt	3.29	<2	1.50	8.52	5.80	91.9	18	35.0	4.5	237	0.78	22.1	2.4	<0.2	1.4	69.8	0.61	0.48	0.05
118700	Silt	3.25	<2	0.83	2.72	2.27	16.8	7	6.6	1.5	65	0.30	3.7	1.3	<0.2	0.5	50.7	0.14	0.18	0.02
119223	Silt	2.78	<2	1.12	2.39	5.00	21.7	22	4.8	1.0	144	0.28	6.1	1.2	<0.2	0.2	56.1	0.10	0.35	<0.02
119224	Silt	2.41	<2	0.22	0.74	1.19	6.7	8	2.3	0.3	64	0.08	1.8	0.6	<0.2	<0.1	27.0	0.05	0.09	<0.02
119225	Silt	3.57	<2	0.94	3.71	2.82	20.6	13	8.3	1.9	66	0.61	4.1	1.2	<0.2	0.6	65.1	0.13	0.22	0.03
119226	Silt	3.07	<2	2.10	3.62	2.87	12.8	13	7.6	1.8	64	0.46	4.7	1.1	<0.2	0.4	54.8	0.11	0.23	0.03
119227	Silt	3.65	<2	2.24	3.54	2.92	13.0	12	8.6	2.1	72	0.43	4.9	1.2	<0.2	0.4	70.9	0.11	0.21	0.03
119228	Silt	3.50	<2	1.96	4.29	3.35	21.2	17	7.1	1.8	75	0.39	4.5	1.5	1.5	0.7	70.3	0.22	0.29	0.09
119229	Silt	5.04	<2	2.18	2.87	2.12	13.9	29	5.7	1.0	44	0.25	6.3	1.4	<0.2	0.5	38.2	0.16	0.22	0.02
119230	Silt	3.39	<2	3.36	7.72	6.41	38.8	89	13.4	4.5	193	0.93	9.7	2.5	<0.2	1.2	82.4	0.30	0.29	0.07
119231	Silt	2.81	<2	1.53	8.90	6.16	57.0	30	20.0	3.5	160	0.80	19.6	2.8	<0.2	1.1	71.8	0.29	0.51	0.04
119232	Silt	2.03	<2	1.51	9.19	6.42	56.3	26	21.2	4.0	184	0.91	18.9	2.6	<0.2	1.2	79.2	0.19	0.45	0.06
118009	Silt	2.10	<2	1.06	10.59	8.05	94.6	59	25.0	4.4	227	1.05	6.9	1.7	<0.2	1.5	78.7	0.89	0.41	0.06
118010	Silt	3.37	<2	0.89	4.89	3.71	39.9	22	10.4	2.3	129	0.53	3.5	0.9	<0.2	0.7	48.7	0.39	0.22	0.05
118011	Silt	2.51	<2	0.87	4.46	4.14	33.3	19	7.8	2.2	150	0.56	3.3	0.9	<0.2	0.8	55.2	0.23	0.18	0.04
118673	Silt	4.96	<2	0.41	32.44	21.13	81.4	80	29.2	13.8	601	3.10	13.4	0.7	<0.2	3.9	72.0	0.10	0.56	0.34



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Project: Scarlet
Report Date: August 18, 2011

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CERTIFICATE OF ANALYSIS

WHI11000456.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02
118885	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118886	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118887	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118888	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118889	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118890	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118891	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118892	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118893	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118894	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118895	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118896	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118897	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118898	Silt	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
118699	Silt	21.61	0.059	6.6	4.9	5.87	50.8	0.004	2	0.32	0.005	0.04	<0.1	1.3	0.39	<0.02	15	<0.1	0.05
118700	Silt	11.64	0.022	2.5	2.4	4.69	46.0	0.002	2	0.10	0.005	0.03	<0.1	0.5	0.11	<0.02	<5	<0.1	0.03
119223	Silt	19.00	0.018	2.0	2.5	8.84	12.0	<0.001	2	0.06	0.006	0.02	<0.1	0.3	0.20	<0.02	13	0.1	0.05
119224	Silt	9.12	0.010	1.2	1.3	4.75	5.3	<0.001	1	0.02	0.003	<0.01	<0.1	0.1	0.04	<0.02	<5	<0.1	<0.02
119225	Silt	15.42	0.026	2.9	3.7	5.62	31.8	0.002	3	0.12	0.007	0.03	<0.1	0.7	0.18	<0.02	<5	0.2	0.03
119226	Silt	15.41	0.025	3.0	3.3	6.99	21.6	0.002	2	0.10	0.006	0.03	<0.1	0.6	0.13	<0.02	<5	0.2	0.03
119227	Silt	18.41	0.024	3.0	3.4	8.13	20.6	0.001	2	0.08	0.007	0.02	<0.1	0.7	0.14	<0.02	<5	0.2	0.05
119228	Silt	16.47	0.023	3.7	3.5	7.77	24.7	0.002	3	0.13	0.007	0.03	<0.1	0.9	0.19	<0.02	6	0.3	<0.02
119229	Silt	8.11	0.024	2.4	2.4	4.35	16.7	0.001	2	0.08	0.005	0.02	<0.1	0.4	0.27	<0.02	<5	0.1	0.03
119230	Silt	13.74	0.064	6.1	6.8	7.35	69.8	0.002	3	0.27	0.008	0.07	<0.1	1.1	0.31	0.06	28	0.2	<0.02
119231	Silt	15.64	0.054	6.3	6.4	6.45	49.1	0.004	<1	0.25	0.008	0.04	<0.1	1.2	0.31	0.06	20	0.3	<0.02
119232	Silt	15.23	0.057	6.8	7.1	6.43	50.9	0.004	2	0.27	0.008	0.05	<0.1	1.5	0.27	0.05	16	<0.1	0.12
118009	Silt	15.86	0.064	10.0	9.7	5.20	130.7	0.004	1	0.36	0.006	0.06	<0.1	1.7	0.24	0.05	20	0.7	0.03
118010	Silt	8.88	0.030	4.6	4.9	3.37	72.3	0.002	<1	0.19	0.004	0.03	<0.1	0.9	0.13	<0.02	9	0.3	0.05
118011	Silt	11.32	0.026	4.2	4.9	4.36	101.9	0.002	1	0.18	0.005	0.04	<0.1	0.7	0.11	<0.02	<5	<0.1	0.04
118673	Silt	2.29	0.035	5.0	16.4	1.13	48.5	0.001	<1	1.03	0.003	0.06	<0.1	3.0	0.06	0.09	415	1.0	0.06



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Report Date:

August 18, 2011

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Part 1

CERTIFICATE OF ANALYSIS

WHI11000456.1

	Method Analyte Unit MDL	WGHT	3B-50	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
118676	Silt	3.38	<2	1.02	45.35	42.92	108.8	46	33.1	20.8	2015	3.96	15.1	1.3	<0.2	5.3	22.7	0.25	0.30	0.51	29
118677	Silt	3.15	<2	1.30	44.22	42.61	109.9	47	32.0	21.3	2223	3.87	15.5	1.2	<0.2	5.1	23.1	0.34	0.25	0.45	29
118678	Silt	3.00	<2	1.21	40.80	39.96	107.7	44	32.8	20.6	1971	3.93	13.8	1.1	<0.2	5.4	20.0	0.32	0.22	0.44	29
118679	Silt	2.97	<2	1.38	38.13	38.15	120.0	59	32.6	19.3	1708	3.63	13.6	1.4	<0.2	5.0	26.1	0.36	0.30	0.36	28
118680	Silt	2.72	<2	2.23	38.45	25.59	132.8	128	29.7	12.6	1165	2.70	13.2	2.1	<0.2	3.2	48.9	0.71	0.54	0.27	25
118681	Silt	2.63	<2	2.34	29.12	18.00	141.4	154	28.5	10.0	750	2.36	13.5	3.2	<0.2	3.0	69.3	1.06	0.64	0.16	25
118682	Silt	3.81	<2	2.32	25.29	18.64	128.9	138	24.7	9.4	751	2.09	11.2	3.3	<0.2	3.2	67.4	0.88	0.58	0.15	25
118001	Silt	4.35	<2	1.27	4.85	3.83	34.0	16	11.6	2.3	88	0.39	4.4	1.7	<0.2	0.7	72.6	0.28	0.31	0.04	8
118002	Silt	6.99	<2	2.33	4.61	3.28	26.9	29	13.7	2.9	94	0.54	4.9	1.2	<0.2	0.5	55.3	0.12	0.41	<0.02	12
118003	Silt	3.94	<2	1.05	3.38	2.45	23.8	7	7.9	1.4	72	0.31	3.1	1.3	<0.2	0.4	50.7	0.19	0.25	0.03	8
118004	Silt	2.89	<2	0.99	3.15	2.52	17.2	16	7.1	1.4	65	0.32	3.0	1.2	<0.2	0.4	47.8	0.14	0.15	<0.02	7
118005	Silt	2.26	<2	0.78	1.65	1.66	7.3	12	3.5	0.6	58	0.14	2.4	1.0	<0.2	0.3	61.3	0.02	0.13	<0.02	5
118006	Silt	2.49	<2	1.44	2.87	2.77	11.9	21	5.3	1.1	75	0.26	3.6	1.4	<0.2	0.4	65.4	0.11	0.17	<0.02	6
118013	Silt	2.11	<2	3.79	12.28	9.22	66.8	98	19.7	6.3	203	1.47	9.8	1.5	<0.2	2.2	79.9	0.44	0.56	0.07	18
118015	Silt	3.68	<2	1.75	4.96	3.92	32.0	35	9.7	2.6	113	0.63	5.2	1.0	<0.2	0.9	55.9	0.22	0.26	0.03	10
118016	Silt	6.35	<2	1.98	5.61	4.76	33.7	46	10.7	2.8	122	0.71	5.9	1.2	<0.2	1.2	73.8	0.29	0.39	0.03	11
118017	Silt	4.57	<2	2.00	5.10	4.33	33.6	33	9.6	2.5	132	0.63	5.8	1.1	<0.2	0.9	70.7	0.22	0.31	<0.02	11
118018	Silt	3.70	<2	1.58	5.09	3.62	28.5	36	8.8	2.3	116	0.61	5.7	1.0	<0.2	0.8	70.3	0.17	0.31	0.04	10
118019	Silt	2.86	<2	2.02	6.22	5.32	41.1	60	11.3	3.1	141	0.78	6.2	1.2	<0.2	1.1	79.3	0.30	0.32	0.04	12
118020	Silt	2.67	<2	1.90	6.58	5.29	41.8	36	11.7	3.4	181	0.77	5.3	1.2	<0.2	1.2	79.4	0.35	0.33	0.05	12
118021	Silt	1.32	<2	1.27	14.18	11.22	54.6	55	15.9	5.6	207	1.38	32.1	1.5	<0.2	1.3	88.9	0.21	0.42	0.12	22
118022	Silt	2.42	<2	2.54	16.75	15.12	84.6	75	18.7	6.6	307	1.63	37.9	1.6	<0.2	1.5	74.9	0.41	0.60	0.16	26
118023	Silt	1.95	<2	1.52	24.24	23.70	105.4	130	20.2	8.2	425	1.84	32.1	1.4	<0.2	1.7	85.1	0.55	0.62	0.22	22
118024	Silt	2.25	<2	2.01	27.15	29.29	105.5	92	45.3	13.1	573	2.50	69.5	2.0	<0.2	2.3	91.9	0.52	0.99	0.14	22
118025	Silt	3.14	<2	1.29	27.08	35.85	108.1	93	28.1	12.5	510	2.66	26.4	1.5	<0.2	2.4	84.0	0.50	0.82	0.18	22
118026	Silt	2.62	4	1.57	21.61	8.24	496.4	59	101.6	6.7	463	1.52	13.3	3.2	<0.2	1.5	50.1	3.68	0.82	0.15	37
118027	Silt	2.40	<2	1.83	28.39	9.52	552.7	78	126.6	7.8	439	1.52	13.9	4.3	3.0	1.3	71.4	4.35	1.16	0.15	40
118028	Silt	1.76	<2	1.72	26.33	9.02	482.6	73	114.0	6.4	387	1.45	12.4	4.0	1.5	1.2	74.1	3.56	1.02	0.12	38
118029	Silt	3.18	<2	1.49	15.37	6.39	268.6	57	58.1	4.4	298	0.98	10.4	2.9	0.8	0.9	76.2	2.01	0.67	0.08	25
118030	Silt	2.89	<2	1.07	12.00	5.90	198.4	55	42.9	3.8	249	0.87	6.9	2.1	0.6	1.0	72.4	1.99	0.54	0.06	21



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Part 2

CERTIFICATE OF ANALYSIS

WHI11000456.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm
	MDL	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02
118676	Silt	0.49	0.035	5.6	29.5	0.61	391.8	0.005	<1	1.45	0.005	0.12	0.2	4.2	0.11	<0.02	21	0.4	0.02
118677	Silt	0.48	0.034	5.8	29.9	0.59	324.5	0.005	<1	1.47	0.005	0.12	0.1	4.0	0.08	<0.02	12	0.7	0.12
118678	Silt	0.43	0.031	5.7	29.4	0.60	265.9	0.005	1	1.52	0.005	0.13	<0.1	3.9	0.11	<0.02	6	0.5	0.07
118679	Silt	1.02	0.050	7.0	27.7	0.79	329.0	0.005	<1	1.42	0.005	0.13	<0.1	3.9	0.16	0.02	22	0.6	0.04
118680	Silt	3.56	0.122	10.4	19.3	1.54	291.6	0.004	4	1.00	0.004	0.12	0.1	3.9	0.18	0.05	44	0.7	0.04
118681	Silt	6.54	0.173	12.4	15.0	2.86	335.9	0.004	3	0.77	0.006	0.14	<0.1	3.5	0.20	0.05	41	0.8	0.02
118682	Silt	6.36	0.190	12.1	15.1	2.73	348.4	0.004	4	0.77	0.006	0.16	<0.1	3.4	0.21	0.04	37	0.9	0.13
118001	Silt	12.91	0.026	4.2	4.0	6.27	38.4	0.002	2	0.17	0.007	0.03	<0.1	0.7	0.20	0.02	23	0.8	0.10
118002	Silt	13.19	0.023	4.3	14.8	7.19	39.3	0.003	1	0.17	0.009	0.02	<0.1	1.5	0.49	0.03	12	0.5	0.04
118003	Silt	13.33	0.020	3.5	3.9	7.12	28.7	0.002	<1	0.13	0.007	0.02	<0.1	0.5	0.43	0.02	6	0.2	0.05
118004	Silt	12.41	0.021	3.0	5.0	5.66	34.0	0.003	2	0.13	0.006	0.02	<0.1	0.7	0.22	<0.02	<5	0.3	0.03
118005	Silt	16.83	0.011	2.2	3.8	6.49	25.1	<0.001	<1	0.05	0.007	0.01	<0.1	0.5	0.08	0.04	<5	0.2	0.05
118006	Silt	16.98	0.020	2.9	4.6	7.35	37.8	0.001	<1	0.09	0.008	0.01	<0.1	0.6	0.12	0.05	<5	0.2	0.06
118013	Silt	10.75	0.051	6.7	8.8	5.47	197.1	0.002	2	0.39	0.007	0.08	<0.1	2.0	0.30	0.10	18	0.4	0.06
118015	Silt	10.96	0.026	4.0	5.2	5.45	104.2	0.002	<1	0.18	0.006	0.04	<0.1	1.0	0.18	0.03	<5	0.5	0.05
118016	Silt	14.05	0.028	4.8	5.4	7.17	95.7	0.002	1	0.20	0.008	0.05	<0.1	1.1	0.21	0.06	5	0.5	0.09
118017	Silt	15.21	0.030	5.0	5.6	7.96	86.3	0.002	<1	0.19	0.009	0.04	<0.1	1.0	0.19	0.06	23	0.2	0.04
118018	Silt	15.18	0.026	4.6	5.0	7.95	81.3	0.002	<1	0.17	0.009	0.03	<0.1	0.9	0.16	0.06	11	0.3	0.04
118019	Silt	15.65	0.034	5.4	6.4	7.62	122.2	0.002	<1	0.23	0.009	0.04	<0.1	1.1	0.22	0.07	6	0.4	0.08
118020	Silt	14.42	0.034	5.3	6.3	6.69	121.3	0.002	1	0.26	0.007	0.05	<0.1	1.2	0.24	0.05	<5	0.3	0.06
118021	Silt	9.81	0.049	7.8	10.8	4.83	84.7	0.004	4	0.58	0.007	0.07	<0.1	1.6	0.39	0.03	35	0.4	0.04
118022	Silt	8.44	0.061	8.8	14.3	4.66	111.6	0.004	2	0.74	0.005	0.08	<0.1	1.7	0.47	0.03	30	0.2	0.14
118023	Silt	8.23	0.064	7.7	15.6	4.22	139.2	0.004	3	0.75	0.005	0.08	<0.1	2.1	0.56	0.05	69	0.7	0.06
118024	Silt	8.41	0.082	10.7	10.6	4.17	149.0	0.002	2	0.49	0.005	0.09	<0.1	3.6	0.62	0.13	69	0.8	0.13
118025	Silt	7.21	0.058	7.1	13.5	3.52	139.0	0.002	2	0.72	0.004	0.09	<0.1	3.3	0.41	0.12	53	0.2	0.04
118026	Silt	13.29	0.116	13.3	12.1	6.80	274.6	0.003	2	0.49	0.005	0.06	<0.1	1.7	0.69	0.04	47	0.5	0.04
118027	Silt	14.18	0.143	14.6	14.2	6.17	233.2	0.004	4	0.62	0.004	0.07	<0.1	2.0	0.82	0.07	49	0.7	0.07
118028	Silt	13.79	0.143	14.0	13.6	6.11	215.1	0.004	5	0.65	0.004	0.07	<0.1	1.9	0.78	0.03	49	0.9	0.06
118029	Silt	14.25	0.104	10.2	10.3	6.52	159.7	0.003	3	0.38	0.005	0.05	<0.1	1.3	0.51	<0.02	26	0.6	0.03
118030	Silt	12.19	0.080	9.1	8.7	5.32	144.1	0.003	3	0.35	0.004	0.05	<0.1	1.3	0.39	<0.02	29	0.4	0.07



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	Method	WGHT	3B-50	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
118031	Silt	3.33	<2	1.10	21.77	20.98	123.5	107	25.0	13.9	1095	3.35	7.9	1.0	0.3	4.2	29.9	0.54	0.42	0.24	25
118032	Silt	1.87	<2	1.57	25.50	24.19	152.2	152	20.8	10.0	789	2.87	6.5	1.2	1.8	2.1	36.9	1.21	0.70	0.29	22
118033	Silt	3.74	<2	1.22	31.83	24.38	140.1	165	24.0	10.8	867	3.15	9.0	1.6	1.0	2.5	36.6	0.49	0.35	0.29	27
118034	Silt	2.84	<2	0.86	22.34	22.74	113.0	80	23.1	9.7	1331	2.89	7.1	1.2	0.6	2.5	36.0	0.74	0.27	0.29	23
118035	Silt	2.34	<2	2.86	32.35	18.98	264.5	200	68.2	12.5	482	3.42	10.7	1.9	0.4	3.4	83.2	1.30	0.83	0.22	35
118036	Silt	3.23	<2	2.20	18.06	12.31	110.2	127	31.0	10.7	380	2.76	8.7	1.5	0.2	3.5	93.0	0.85	0.71	0.13	26
118851	Silt	2.85	<2	1.60	15.86	15.11	93.8	74	30.8	10.5	312	1.94	10.7	2.3	<0.2	3.1	173.2	0.47	0.40	0.16	20
118852	Silt	2.29	<2	1.34	12.82	10.95	77.9	60	26.3	8.6	315	1.35	10.3	2.7	0.2	2.0	141.4	0.41	0.39	0.12	18
118853	Silt	2.01	<2	5.71	31.50	29.17	261.7	220	68.2	15.0	438	3.36	45.9	4.3	1.1	3.4	47.3	1.33	1.02	0.28	53
118854	Silt	2.14	<2	4.43	23.47	22.47	160.0	142	39.9	12.4	416	2.83	23.1	2.9	0.3	2.9	42.6	0.80	0.81	0.23	33
118855	Silt	2.45	<2	4.27	40.86	30.21	137.8	135	41.0	13.7	1130	3.01	21.3	2.9	0.6	3.6	123.3	0.77	0.79	0.28	29
118856	Silt	2.26	<2	1.30	48.80	32.82	105.5	74	34.0	16.9	986	3.42	10.0	1.5	0.9	4.0	38.6	0.25	0.40	0.42	23
118857	Silt	2.91	<2	1.92	45.20	39.43	126.4	76	39.3	18.7	1432	3.53	13.1	1.8	1.1	5.1	46.4	0.35	0.49	0.42	24
118858	Silt	2.45	<2	2.67	17.62	21.23	163.9	130	34.5	12.9	469	3.15	22.6	3.6	<0.2	3.0	64.5	0.87	0.49	0.20	39
118859	Silt	2.45	3	1.03	60.15	45.17	108.9	83	32.6	19.2	1543	3.49	12.8	1.6	0.8	3.9	34.6	0.35	0.40	0.53	27
118860	Silt	4.04	<2	1.58	12.81	6.90	143.0	30	38.3	3.6	167	0.86	7.9	2.3	<0.2	1.3	82.0	1.38	0.60	0.09	18
118861	Silt	3.86	<2	2.63	37.21	17.20	474.0	79	121.8	11.6	537	2.60	17.9	4.5	0.5	2.5	49.0	3.14	1.33	0.23	48
118862	Silt	4.05	<2	2.12	27.39	12.80	262.6	82	72.8	9.8	405	1.81	17.2	3.2	0.4	2.2	86.3	2.60	0.86	0.12	34
118863	Silt	3.11	<2	1.60	19.16	11.64	180.6	94	44.4	7.6	292	1.54	12.6	2.6	<0.2	2.1	83.8	1.94	0.69	0.11	27
118864	Silt	3.27	<2	1.15	13.53	9.05	121.3	53	29.1	4.9	280	1.16	8.2	1.9	0.6	1.7	94.5	1.39	0.51	0.08	19
118865	Silt	3.53	<2	1.23	13.40	8.44	113.7	52	29.4	4.6	260	1.17	8.1	1.9	0.3	1.7	99.6	1.31	0.52	0.08	19
118866	Silt	3.63	<2	1.68	2.99	3.19	13.4	14	5.4	1.3	91	0.35	4.8	0.9	<0.2	0.5	87.3	0.15	0.23	0.02	6
118683	Silt	3.45	<2	1.00	8.32	5.33	36.0	34	11.9	3.1	151	0.82	7.1	1.6	0.4	1.2	88.3	0.26	0.47	0.06	18
118684	Silt	2.49	<2	0.65	6.79	5.07	28.4	28	10.0	2.3	167	0.57	6.1	1.2	<0.2	0.4	76.7	0.22	0.39	0.05	13
118685	Silt	3.12	<2	0.91	6.65	4.01	23.5	25	10.6	2.1	151	0.49	8.0	1.3	<0.2	0.7	84.5	0.20	0.35	0.03	11
118686	Silt	3.25	<2	1.10	6.36	3.77	24.6	28	9.9	2.2	130	0.50	6.8	1.7	<0.2	0.7	92.4	0.22	0.30	0.04	11
118687	Silt	3.14	<2	1.14	7.10	4.44	28.7	34	10.7	2.4	143	0.61	7.7	1.7	<0.2	0.8	93.5	0.23	0.36	0.04	13
118688	Silt	3.27	<2	1.13	6.84	4.19	27.9	33	10.5	2.3	148	0.58	7.4	1.7	<0.2	0.7	93.0	0.21	0.33	0.04	12
118689	Silt	3.00	<2	2.43	12.14	8.08	57.7	75	20.1	5.8	265	1.38	13.3	2.1	<0.2	1.9	262.4	0.38	0.39	0.07	25
118690	Silt	2.71	<2	1.73	10.40	7.26	44.7	50	16.5	5.3	302	1.25	11.0	1.7	<0.2	1.7	242.3	0.33	0.33	0.06	19



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	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02
118031	Silt	1.05	0.094	12.8	19.8	0.67	236.6	0.005	3	1.10	0.002	0.10	<0.1	3.0	0.13	0.03	26	0.6	0.03
118032	Silt	1.64	0.151	13.9	22.6	0.59	275.2	0.007	9	1.13	0.003	0.11	<0.1	4.1	0.19	0.18	75	2.0	<0.02
118033	Silt	0.72	0.091	13.2	24.4	0.39	422.1	0.003	5	1.30	0.001	0.13	<0.1	4.0	0.15	0.06	38	0.8	0.05
118034	Silt	1.98	0.072	9.4	20.7	1.13	396.7	0.003	4	1.14	0.002	0.11	<0.1	3.2	0.11	0.06	23	0.9	0.02
118035	Silt	4.08	0.128	21.0	22.3	1.88	247.3	0.003	11	1.03	0.003	0.23	<0.1	4.8	0.84	0.05	32	1.0	0.05
118036	Silt	7.40	0.120	15.8	14.8	3.14	143.4	0.003	7	0.72	0.005	0.16	<0.1	3.6	0.31	0.05	20	0.4	0.02
118851	Silt	10.51	0.083	11.5	10.6	4.11	111.1	0.004	5	0.48	0.005	0.12	<0.1	2.5	0.24	0.09	30	0.3	0.05
118852	Silt	13.74	0.086	11.3	9.5	6.21	100.5	0.005	4	0.48	0.006	0.08	<0.1	2.1	0.25	0.04	26	0.3	0.04
118853	Silt	2.18	0.190	22.2	28.8	1.14	236.2	0.005	12	1.31	0.003	0.28	<0.1	4.2	1.18	0.09	66	1.5	0.03
118854	Silt	1.14	0.119	17.7	19.9	0.55	195.6	0.003	9	1.06	0.001	0.21	<0.1	3.7	0.56	0.06	42	1.0	<0.02
118855	Silt	4.67	0.104	13.6	20.6	1.47	235.5	0.004	9	1.10	0.005	0.21	<0.1	4.1	0.46	0.07	38	1.0	0.04
118856	Silt	0.88	0.045	8.1	23.4	0.59	237.1	0.005	4	1.13	0.004	0.18	<0.1	4.3	0.20	0.04	22	0.4	0.03
118857	Silt	1.62	0.055	9.4	31.5	0.97	198.6	0.005	4	1.33	0.005	0.18	<0.1	4.1	0.24	0.03	70	0.4	0.04
118858	Silt	5.96	0.150	13.9	16.5	3.41	131.7	0.004	8	0.84	0.003	0.16	<0.1	3.2	0.41	0.05	32	0.7	0.06
118859	Silt	1.69	0.066	9.8	24.4	1.19	216.9	0.005	3	1.36	0.004	0.12	0.1	4.0	0.19	0.04	26	0.5	0.06
118860	Silt	17.22	0.059	10.6	7.2	7.26	82.6	0.004	3	0.36	0.006	0.04	<0.1	1.2	0.44	<0.02	30	0.3	0.05
118861	Silt	6.55	0.161	29.9	18.8	3.43	228.3	0.006	6	1.19	0.004	0.12	<0.1	3.1	1.02	0.03	70	0.7	0.06
118862	Silt	14.16	0.131	18.5	17.1	5.00	149.8	0.005	2	0.70	0.006	0.07	<0.1	3.3	0.72	<0.02	52	0.5	0.06
118863	Silt	14.74	0.118	16.1	14.3	4.64	137.9	0.004	2	0.59	0.006	0.07	<0.1	3.0	0.45	<0.02	40	0.5	0.03
118864	Silt	16.56	0.084	11.9	11.3	5.34	110.5	0.005	3	0.45	0.006	0.06	<0.1	2.1	0.30	<0.02	31	0.4	0.04
118865	Silt	17.03	0.083	12.2	11.2	5.36	112.0	0.004	3	0.43	0.007	0.06	<0.1	2.1	0.29	<0.02	30	0.3	0.03
118866	Silt	19.38	0.013	3.9	3.1	10.02	33.9	0.003	1	0.10	0.009	0.02	<0.1	0.6	0.11	<0.02	<5	0.2	0.03
118683	Silt	16.25	0.040	6.4	6.8	6.81	47.3	0.012	2	0.31	0.009	0.03	<0.1	1.2	0.16	<0.02	<5	0.1	0.03
118684	Silt	16.26	0.027	5.7	5.0	7.88	35.3	0.005	1	0.24	0.006	0.03	<0.1	0.8	0.18	<0.02	20	0.2	0.06
118685	Silt	18.59	0.034	6.3	4.3	9.25	23.0	0.006	2	0.18	0.008	0.02	<0.1	0.9	0.18	<0.02	20	0.2	0.04
118686	Silt	19.47	0.029	5.1	4.2	9.14	25.4	0.004	2	0.19	0.009	0.03	<0.1	0.8	0.15	<0.02	11	0.1	0.03
118687	Silt	18.74	0.034	5.6	4.9	8.79	28.0	0.005	2	0.21	0.009	0.03	<0.1	1.0	0.18	<0.02	15	0.2	0.04
118688	Silt	18.78	0.035	5.4	5.0	8.85	27.3	0.005	3	0.21	0.009	0.03	<0.1	1.0	0.18	<0.02	16	0.2	0.04
118689	Silt	15.97	0.071	8.8	9.2	5.70	80.9	0.003	5	0.38	0.007	0.09	<0.1	2.2	0.25	0.05	17	0.3	0.04
118690	Silt	16.73	0.059	8.0	8.3	6.12	68.6	0.003	6	0.33	0.007	0.08	<0.1	2.0	0.19	0.05	16	0.3	0.03



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	Method Analyte Unit MDL	WGHT	3B-50	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		kg	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02
118691	Silt	2.99	<2	1.71	10.74	8.04	46.8	56	16.6	5.5	295	1.37	10.4	1.6	<0.2	2.0	276.5	0.31	0.32	0.11
118692	Silt	3.53	<2	1.89	10.10	7.38	46.2	65	16.4	5.5	268	1.16	10.4	1.7	1.5	2.1	245.5	0.30	0.31	0.05
118693	Silt	2.93	<2	1.71	9.44	6.50	42.1	59	15.1	4.8	240	1.03	9.4	1.7	2.3	1.9	215.6	0.17	0.31	0.08
118694	Silt	3.61	3	1.56	8.38	6.50	39.1	47	14.2	4.4	248	0.97	9.0	1.8	1.2	1.8	210.7	0.24	0.33	0.08
118695	Silt	3.28	<2	0.93	7.15	5.65	24.2	31	9.8	3.2	129	0.64	5.9	1.0	<0.2	1.3	101.2	0.16	0.24	0.09
118696	Silt	2.74	<2	1.84	8.45	6.92	39.3	59	13.4	4.4	230	0.90	9.6	2.1	<0.2	1.7	189.4	0.25	0.35	0.06
118697	Silt	2.80	2	1.81	9.68	7.01	44.2	41	15.0	4.8	253	0.99	9.7	2.0	0.4	1.8	198.1	0.20	0.32	0.07
118698	Silt	3.49	<2	3.51	10.73	7.59	82.7	76	30.5	3.7	209	0.71	16.7	3.8	1.3	1.0	89.5	0.91	0.73	0.06



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	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02
118691	Silt	16.20	0.063	8.7	8.8	5.49	74.5	0.004	4	0.38	0.007	0.09	<0.1	2.2	0.19	0.05	11	0.3	0.07
118692	Silt	15.84	0.055	8.2	9.6	5.81	87.8	0.005	4	0.41	0.007	0.11	<0.1	1.9	0.22	0.03	9	0.7	0.07
118693	Silt	15.24	0.054	7.4	8.7	5.87	79.0	0.005	3	0.38	0.008	0.10	<0.1	1.7	0.23	0.03	22	0.6	0.07
118694	Silt	16.14	0.053	7.5	8.8	6.29	80.6	0.005	5	0.38	0.008	0.10	<0.1	1.5	0.22	0.03	20	0.7	0.04
118695	Silt	16.22	0.020	6.1	6.4	7.46	147.2	0.005	5	0.31	0.008	0.06	<0.1	1.0	0.21	<0.02	28	0.4	0.05
118696	Silt	17.96	0.050	7.9	8.6	7.79	98.7	0.005	6	0.37	0.009	0.09	<0.1	1.6	0.22	<0.02	18	0.5	0.10
118697	Silt	16.88	0.055	8.1	8.9	6.88	105.8	0.006	5	0.40	0.008	0.09	<0.1	1.6	0.25	0.02	23	0.7	0.06
118698	Silt	18.46	0.087	9.0	9.1	8.91	63.1	0.004	3	0.37	0.008	0.06	<0.1	1.3	0.54	<0.02	41	0.6	0.07



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August 18, 2011

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Part 1

QUALITY CONTROL REPORT

WHI11000456.1

	Method Analyte Unit MDL	WGHT	3B-50	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.01	0.01	0.01	0.01	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
Pulp Duplicates																					
121856	Silt	3.58	<2	0.66	13.20	10.74	50.1	58	13.5	5.6	250	1.19	26.4	0.9	2.2	1.4	110.7	0.28	0.47	0.10	21
REP 121856	QC			0.55	11.91	9.75	44.9	55	11.9	5.0	222	1.08	24.2	0.8	1.6	1.4	99.0	0.23	0.40	0.08	19
120576	Silt	2.37	<2	1.17	18.68	18.14	104.3	118	28.2	11.7	786	2.62	5.4	0.7	0.2	1.8	25.6	0.57	0.37	0.18	23
REP 120576	QC			1.16	18.45	18.00	109.0	115	29.2	11.5	788	2.65	5.6	0.7	<0.2	1.9	25.3	0.57	0.38	0.18	24
119224	Silt	2.41	<2	0.22	0.74	1.19	6.7	8	2.3	0.3	64	0.08	1.8	0.6	<0.2	<0.1	27.0	0.05	0.09	<0.02	4
REP 119224	QC		<2																		
118003	Silt	3.94	<2	1.05	3.38	2.45	23.8	7	7.9	1.4	72	0.31	3.1	1.3	<0.2	0.4	50.7	0.19	0.25	0.03	8
REP 118003	QC			1.28	3.45	2.68	25.4	18	8.4	1.6	74	0.34	3.4	1.5	<0.2	0.5	49.8	0.26	0.19	<0.02	8
118035	Silt	2.34	<2	2.86	32.35	18.98	264.5	200	68.2	12.5	482	3.42	10.7	1.9	0.4	3.4	83.2	1.30	0.83	0.22	35
REP 118035	QC			2.81	33.45	19.34	272.8	194	67.7	12.9	475	3.44	11.3	1.9	1.0	3.3	81.9	1.28	0.81	0.21	35
118854	Silt	2.14	<2	4.43	23.47	22.47	160.0	142	39.9	12.4	416	2.83	23.1	2.9	0.3	2.9	42.6	0.80	0.81	0.23	33
REP 118854	QC		<2																		
118686	Silt	3.25	<2	1.10	6.36	3.77	24.6	28	9.9	2.2	130	0.50	6.8	1.7	<0.2	0.7	92.4	0.22	0.30	0.04	11
REP 118686	QC			1.04	6.40	3.90	26.2	30	10.1	2.1	138	0.51	7.4	1.7	<0.2	0.7	95.2	0.21	0.31	0.04	12
118689	Silt	3.00	<2	2.43	12.14	8.08	57.7	75	20.1	5.8	265	1.38	13.3	2.1	<0.2	1.9	262.4	0.38	0.39	0.07	25
REP 118689	QC		<2																		
118693	Silt	2.93	<2	1.71	9.44	6.50	42.1	59	15.1	4.8	240	1.03	9.4	1.7	2.3	1.9	215.6	0.17	0.31	0.08	19
REP 118693	QC			1.59	9.08	7.03	43.0	59	15.6	4.7	249	1.07	9.8	1.8	0.7	2.0	224.4	0.23	0.35	0.08	20
118697	Silt	2.80	2	1.81	9.68	7.01	44.2	41	15.0	4.8	253	0.99	9.7	2.0	0.4	1.8	198.1	0.20	0.32	0.07	19
REP 118697	QC		<2																		
Reference Materials																					
STD DS8	Standard			13.20	126.5	133.6	339.5	1863	36.7	7.1	630	2.52	25.7	3.0	119.3	7.7	79.0	2.71	5.94	7.56	37
STD DS8	Standard			13.18	121.8	122.7	324.2	1741	34.9	7.2	607	2.62	24.6	2.9	112.8	7.1	74.7	2.79	5.81	7.06	39
STD DS8	Standard			12.86	105.7	116.7	291.6	1690	35.9	7.5	579	2.25	22.6	2.6	116.6	6.6	62.2	2.07	5.29	6.02	38
STD DS8	Standard			13.03	100.4	114.5	286.2	1599	34.9	6.6	561	2.25	22.0	2.7	92.8	6.7	61.1	2.23	5.19	5.66	38
STD DS8	Standard			12.42	101.7	106.2	307.2	1696	38.5	7.4	612	2.50	23.4	2.3	106.1	6.1	53.9	2.18	5.02	5.77	41
STD DS8	Standard			12.51	101.1	99.24	297.8	1601	36.3	7.5	601	2.41	23.0	2.2	105.3	5.5	53.9	2.09	4.84	5.38	40
STD DS8	Standard			12.24	102.3	125.0	278.7	1803	34.5	6.8	558	2.40	20.9	2.6	97.8	6.7	54.0	2.32	3.77	6.31	39



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Report Date:

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Part 2

QUALITY CONTROL REPORT

WHI11000456.1

	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
Pulp Duplicates																				
121856	Silt	13.34	0.046	6.7	10.3	6.03	103.3	0.012	3	0.46	0.010	0.06	<0.1	1.8	0.37	<0.02	28	0.4	0.03	1.4
REP 121856	QC	12.06	0.038	6.1	9.3	5.42	93.1	0.011	4	0.42	0.009	0.05	<0.1	1.5	0.33	<0.02	29	0.4	<0.02	1.3
120576	Silt	0.49	0.062	10.5	18.9	0.37	154.5	0.003	4	1.09	<0.001	0.11	<0.1	2.5	0.12	0.04	17	0.7	0.04	3.1
REP 120576	QC	0.49	0.065	10.6	19.1	0.39	152.2	0.003	4	1.07	0.001	0.11	<0.1	2.5	0.12	0.04	25	0.7	0.05	3.1
119224	Silt	9.12	0.010	1.2	1.3	4.75	5.3	<0.001	1	0.02	0.003	<0.01	<0.1	0.1	0.04	<0.02	<5	<0.1	<0.02	<0.1
REP 119224	QC																			
118003	Silt	13.33	0.020	3.5	3.9	7.12	28.7	0.002	<1	0.13	0.007	0.02	<0.1	0.5	0.43	0.02	6	0.2	0.05	0.2
REP 118003	QC	12.72	0.022	3.6	4.2	6.88	30.3	0.002	<1	0.13	0.007	0.02	<0.1	0.6	0.46	<0.02	<5	0.1	0.05	0.3
118035	Silt	4.08	0.128	21.0	22.3	1.88	247.3	0.003	11	1.03	0.003	0.23	<0.1	4.8	0.84	0.05	32	1.0	0.05	2.8
REP 118035	QC	4.08	0.134	21.6	21.6	1.89	246.1	0.003	9	1.03	0.004	0.23	<0.1	4.8	0.83	0.05	33	1.0	0.04	3.0
118854	Silt	1.14	0.119	17.7	19.9	0.55	195.6	0.003	9	1.06	0.001	0.21	<0.1	3.7	0.56	0.06	42	1.0	<0.02	3.1
REP 118854	QC																			
118686	Silt	19.47	0.029	5.1	4.2	9.14	25.4	0.004	2	0.19	0.009	0.03	<0.1	0.8	0.15	<0.02	11	0.1	0.03	0.5
REP 118686	QC	19.79	0.031	5.1	4.5	9.36	25.2	0.004	2	0.18	0.009	0.03	<0.1	0.9	0.16	<0.02	10	0.2	0.04	0.5
118689	Silt	15.97	0.071	8.8	9.2	5.70	80.9	0.003	5	0.38	0.007	0.09	<0.1	2.2	0.25	0.05	17	0.3	0.04	1.0
REP 118689	QC																			
118693	Silt	15.24	0.054	7.4	8.7	5.87	79.0	0.005	3	0.38	0.008	0.10	<0.1	1.7	0.23	0.03	22	0.6	0.07	1.1
REP 118693	QC	15.90	0.055	8.0	9.3	6.14	84.6	0.005	5	0.41	0.008	0.10	<0.1	1.7	0.23	0.03	25	0.7	0.10	1.1
118697	Silt	16.88	0.055	8.1	8.9	6.88	105.8	0.006	5	0.40	0.008	0.09	<0.1	1.6	0.25	0.02	23	0.7	0.06	1.1
REP 118697	QC																			
Reference Materials																				
STD DS8	Standard	0.68	0.080	16.4	118.4	0.60	269.4	0.124	2	0.89	0.082	0.41	2.9	2.2	5.52	0.16	218	5.2	5.14	4.8
STD DS8	Standard	0.65	0.083	16.1	117.2	0.59	276.1	0.123	3	0.93	0.088	0.42	2.8	2.3	5.32	0.16	199	5.0	5.15	4.7
STD DS8	Standard	0.68	0.070	15.5	114.5	0.58	261.6	0.115	1	0.89	0.087	0.38	2.7	1.9	5.31	0.14	186	4.8	4.45	4.4
STD DS8	Standard	0.68	0.069	15.5	109.4	0.56	268.8	0.113	2	0.90	0.089	0.39	2.7	1.9	5.02	0.15	171	5.3	4.66	4.7
STD DS8	Standard	0.67	0.085	12.7	113.9	0.60	251.7	0.104	2	0.94	0.095	0.43	2.9	1.9	5.16	0.16	198	5.2	4.91	4.6
STD DS8	Standard	0.68	0.084	12.2	114.0	0.59	244.6	0.102	3	0.94	0.096	0.42	2.5	1.9	4.78	0.16	176	5.1	5.03	4.5
STD DS8	Standard	0.67	0.073	15.4	110.1	0.58	265.9	0.095	<1	0.91	0.101	0.42	2.6	2.0	5.65	0.16	196	5.6	5.64	4.4



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Part 1

QUALITY CONTROL REPORT

WHI11000456.1

		WGHT	3B-50	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
STD DS8	Standard			12.85	102.7	123.3	302.9	1852	35.0	7.2	573	2.36	21.4	2.7	112.4	7.1	57.5	2.41	3.90	6.73	38
STD DS8	Standard			12.80	113.4	120.3	319.8	1731	37.2	7.2	587	2.45	22.5	2.6	107.1	6.4	66.1	2.37	5.21	6.42	41
STD DS8	Standard			12.22	110.2	115.4	351.7	1680	38.3	7.3	616	2.54	25.2	2.6	109.9	6.4	59.5	2.41	5.26	6.19	40
STD OXC88	Standard		207																		
STD OXC88	Standard		194																		
STD OXC88	Standard		203																		
STD OXC88	Standard		186																		
STD OXC88	Standard		213																		
STD OXC88	Standard		218																		
STD OXC88	Standard		197																		
STD DS8 Expected				13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1
STD OXC88 Expected			203																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank			<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank			<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank			<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank			<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank			<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		



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Part 2

QUALITY CONTROL REPORT

WHI11000456.1

		1F30 Ca %	1F30 P %	1F30 La ppm	1F30 Cr ppm	1F30 Mg %	1F30 Ba ppm	1F30 Ti %	1F30 B ppm	1F30 Al %	1F30 Na %	1F30 K %	1F30 W ppm	1F30 Sc ppm	1F30 Ti ppm	1F30 S %	1F30 Hg ppb	1F30 Se ppm	1F30 Te ppm	1F30 Ga ppm
		0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
STD DS8	Standard	0.66	0.072	14.6	112.5	0.57	269.1	0.090	<1	0.87	0.090	0.40	2.6	2.0	5.70	0.15	171	4.7	4.95	4.6
STD DS8	Standard	0.72	0.074	14.7	117.1	0.61	257.6	0.108	2	0.93	0.089	0.41	2.8	1.8	5.25	0.16	195	5.3	4.64	4.6
STD DS8	Standard	0.68	0.086	13.7	114.3	0.62	245.9	0.105	4	0.91	0.086	0.42	2.9	2.1	4.92	0.16	174	5.1	4.80	4.3
STD OXC88	Standard																			
STD OXC88	Standard																			
STD OXC88	Standard																			
STD OXC88	Standard																			
STD OXC88	Standard																			
STD OXC88	Standard																			
STD OXC88	Standard																			
STD DS8 Expected		0.7	0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7
STD OXC88 Expected																				
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	0.07	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank																			
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BLK	Blank																			
BLK	Blank																			



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Submitted By: Roger Hulstein
Receiving Lab: Canada-Whitehorse
Received: July 04, 2011
Report Date: August 16, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI11000457.1

CLIENT JOB INFORMATION

Project: Scarlet
Shipment ID: 2011-13
P.O. Number
Number of Samples: 8

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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: Radius Gold Inc.
830 - 355 Burrard St.
Vancouver BC V6C 2G8
Canada

CC: Scott Turton
Simon Ridgway
database backup

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	8	Dry at 60C			VAN
SS80	8	Dry at 60C sieve 100g to -80 mesh			VAN
RJSV	8	Saving all or part of Soil Reject			VAN
SAN Split Pulp	8	Analysis sample split/packet			VAN
5L	8	BLEG leach CN, Au, Ag, Cu, Pb and Zn	1000	Completed	SAN

ADDITIONAL COMMENTS

Samples 120583 were not analyzed due to the nature of the sample.


GONZALO CASTRO
Lab Supervisor

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Client: Radius Gold Inc.
830 - 355 Burrard St.
Vancouver BC V6C 2G8 Canada

Project: Scarlet
Report Date: August 16, 2011

Page: 2 of 2 **Part** 1

CERTIFICATE OF ANALYSIS

WHI11000457.1

	Method Analyte Unit MDL	5L	5L	5L	5L	5L
		Au_bleg	Ag_bleg	Cu_bleg	Pb_bleg	Zn_bleg
		ppb	ppb	ppm	ppm	ppm
		0.1	0.1	0.01	0.01	0.01
118007	Silt	9.1	24.4	2.69	0.65	7.20
118008	Silt	2.8	28.4	2.47	0.83	6.38
118012	Silt	3.2	17.3	2.65	0.56	7.31
118014	Silt	3.8	35.9	2.88	0.38	5.15
121654	Silt	3.3	32.2	8.00	0.74	2.39
120587	Silt	3.6	34.9	5.99	0.40	28.88
120585	Silt	3.6	42.2	7.57	0.32	5.75
120583	Silt	N.A.	N.A.	7.84	0.41	10.78



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Project:

Scarlet

Report Date:

August 16, 2011

Page:

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Part 1

QUALITY CONTROL REPORT

WHI11000457.1

	Method Analyte Unit MDL	5L	5L	5L	5L	5L
		Au_bleg	Ag_bleg	Cu_bleg	Pb_bleg	Zn_bleg
		ppb	ppb	ppm	ppm	ppm
		0.1	0.1	0.01	0.01	0.01
Pulp Duplicates						
118014	Silt	3.8	35.9	2.88	0.38	5.15
REP 118014	QC	3.5	35.3	2.91	0.38	5.74
STANDARD	Standard	50.2	162.8	0.16	0.36	<0.01
Reference Materials						
STANDARD Expected		50.3	153.9			
BLK	Blank	<0.1	0.1	0.02	<0.01	<0.01



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Submitted By: Roger Hulstein

Receiving Lab: Canada-Whitehorse

Received: August 12, 2011

Report Date: October 25, 2011

Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI11001093.2

CLIENT JOB INFORMATION

Project: Scarlet
Shipment ID: 2011-21
P.O. Number
Number of Samples: 22

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	21	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B01	22	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX1	22	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
7TD	6	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN
G6Gr	4	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN
7TD.1	1	4 Acid digestion ICP-ES analysis	0.1	Completed	VAN
2A04	7	NaOH fusion, analysis by specific ion electrode	0.2	Completed	VAN

ADDITIONAL COMMENTS

Version 2: 2A04 for Samples 1097551 to 1097557 included.

Invoice To: Radius Gold Inc.
830 - 355 Burrard St.
Vancouver BC V6C 2G8
Canada

CC: Simon Ridgway
database backup
Scott Turton



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Project:

Scarlet

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Page:

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Part 1

CERTIFICATE OF ANALYSIS

WHI11001093.2

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	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
119548	Rock	1.07	5	0.2	2.3	3.3	12	<0.1	2.3	3.7	1132	1.20	33.7	0.7	0.5	846	<0.1	<0.1	<0.1	<2
119549	Rock	1.02	3	<0.1	1.0	2.7	17	<0.1	0.2	0.8	203	0.17	4.0	<0.5	0.5	479	<0.1	0.2	<0.1	<2
119550	Rock	1.47	4	0.1	3.5	6.3	40	<0.1	9.8	5.0	298	1.24	47.1	1.8	2.4	9	<0.1	0.8	0.9	<2
1097301	Rock	1.54	3	<0.1	0.6	1.4	34	<0.1	0.1	0.6	986	0.84	2.2	1.5	0.1	55	<0.1	0.3	<0.1	<2
1097302	Rock	1.35	3	<0.1	0.7	2.3	33	<0.1	<0.1	0.4	376	0.21	3.2	0.7	<0.1	81	0.2	0.2	<0.1	<2
1097303	Rock	1.81	<2	<0.1	0.6	2.0	25	<0.1	0.4	0.4	1199	1.28	2.0	1.1	0.1	43	<0.1	0.1	<0.1	<2
1097304	Rock	2.72	2	0.2	13.7	26.1	21	<0.1	22.6	5.7	168	1.39	11.9	0.9	2.5	4	<0.1	0.8	0.2	3
1097305	Rock	0.97	2	<0.1	1.1	0.9	8	<0.1	<0.1	0.2	11	0.17	2.1	<0.5	0.1	2104	<0.1	0.2	<0.1	<2
1097306	Rock	1.52	10	0.7	32.9	17.4	112	0.1	18.8	10.0	215	3.52	4.7	<0.5	4.9	<1	0.1	0.1	0.3	7
1097307	Rock	1.28	<2	0.1	5.4	5.2	18	<0.1	4.5	2.0	222	0.87	2.5	<0.5	2.7	1552	<0.1	<0.1	<0.1	4
1097308	Rock	1.74	<2	<0.1	0.6	0.9	13	<0.1	3.0	1.7	246	0.78	2.2	<0.5	0.2	1462	<0.1	<0.1	<0.1	<2
1097309	Rock	1.14	3	0.2	1.2	2.0	6	<0.1	3.9	0.9	103	1.28	8.8	<0.5	0.2	492	<0.1	0.2	<0.1	<2
1097310	Rock	1.58	8	<0.1	2.7	2.8	19	<0.1	2.9	1.6	205	0.95	23.9	2.9	1.1	975	<0.1	0.3	<0.1	<2
1097311	Rock	1.90	<2	<0.1	3.8	4.6	25	<0.1	4.2	1.6	213	1.15	77.7	<0.5	1.0	965	<0.1	1.3	<0.1	<2
1097551	Rock	2.19	<2	<0.1	1027	>10000	>10000	61.1	6.3	3.9	622	1.26	42.9	<0.5	0.3	<1	1124	517.5	0.2	<2
1097552	Rock	2.41	11	0.3	999.5	>10000	>10000	>100	6.4	3.1	569	1.09	28.3	<0.5	0.4	40	1349	1583	0.1	4
1097553	Rock	1.19	4	<0.1	408.2	>10000	>10000	>100	1.3	0.7	601	1.14	209.5	<0.5	0.1	29	1081	572.1	0.1	<2
1097554	Rock	1.68	<2	0.4	3.3	2597	>10000	0.3	0.6	0.8	1558	4.08	2.6	<0.5	0.3	54	44.1	2.8	<0.1	<2
1097555	Rock	1.09	<2	0.2	2.3	295.4	553	0.2	1.3	0.9	1679	2.40	2.3	<0.5	0.4	49	1.5	0.9	<0.1	<2
1097556	Rock	1.64	2	<0.1	629.7	>10000	>10000	>100	1.8	1.7	90	0.98	30.6	<0.5	0.2	4	1857	778.3	0.2	2
1097557	Rock	1.50	<2	6.1	114.4	2283	>10000	4.0	50.0	17.6	741	>40	625.0	<0.5	2.5	815	7.5	34.2	0.2	6
1097558	Rock Pulp	0.14	4887	482.4	78.7	893.5	3089	>100	30.9	9.5	323	2.63	76.7	3420	1.6	50	30.3	120.4	1.7	49



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Project: Scarlet
Report Date: October 25, 2011

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CERTIFICATE OF ANALYSIS

WHI11001093.2

	Method	Analyte	Unit	MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7TD	7TD			
					P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Pb	Zn
					%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	%
					0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.02	0.01
119548	Rock				0.169	5	1	0.69	37	0.001	<20	0.05	0.009	0.03	<0.1	0.03	0.7	<0.1	0.05	<1	<0.5	<0.2		
119549	Rock				0.028	4	<1	0.47	35	<0.001	<20	0.03	0.003	0.02	<0.1	0.08	0.6	<0.1	<0.05	<1	<0.5	<0.2		
119550	Rock				0.008	1	3	0.15	21	<0.001	<20	0.11	0.004	0.06	<0.1	0.05	1.1	<0.1	0.06	<1	<0.5	<0.2		
1097301	Rock				0.026	2	<1	10.44	4	<0.001	<20	0.02	0.009	<0.01	<0.1	0.14	0.2	<0.1	<0.05	<1	<0.5	<0.2		
1097302	Rock				0.018	3	<1	9.76	4	<0.001	<20	0.04	0.013	<0.01	<0.1	0.13	0.2	<0.1	<0.05	<1	<0.5	<0.2		
1097303	Rock				0.019	<1	<1	9.75	4	<0.001	<20	0.02	0.008	0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
1097304	Rock				0.020	2	4	0.05	29	<0.001	<20	0.34	0.004	0.18	<0.1	0.20	2.9	<0.1	<0.05	<1	<0.5	<0.2		
1097305	Rock				0.019	2	<1	0.12	23	<0.001	<20	0.02	0.027	<0.01	<0.1	0.01	0.4	<0.1	<0.05	<1	<0.5	0.2		
1097306	Rock				0.020	1	9	0.17	35	<0.001	<20	0.58	0.008	0.23	<0.1	<0.01	3.0	<0.1	2.05	2	<0.5	<0.2		
1097307	Rock				0.053	8	4	0.16	440	<0.001	<20	0.19	0.017	0.11	<0.1	0.02	2.4	<0.1	<0.05	<1	<0.5	<0.2		
1097308	Rock				<0.001	<1	<1	0.18	28	<0.001	<20	0.03	0.002	0.02	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2		
1097309	Rock				0.054	1	1	0.14	37	<0.001	<20	0.02	0.007	0.01	<0.1	0.01	0.9	<0.1	0.10	<1	<0.5	<0.2		
1097310	Rock				0.075	4	2	0.11	47	<0.001	<20	0.10	0.008	0.05	<0.1	0.07	1.6	<0.1	<0.05	<1	<0.5	<0.2		
1097311	Rock				0.018	4	2	0.12	24	0.001	<20	0.08	0.006	0.03	<0.1	0.01	1.7	<0.1	<0.05	<1	<0.5	<0.2		
1097551	Rock				0.031	2	3	3.91	44	<0.001	<20	0.06	<0.001	0.01	<0.1	>50	1.0	0.4	>10	124	12.2	<0.2	4.82	25.03
1097552	Rock				0.028	1	2	4.28	38	<0.001	<20	0.07	<0.001	0.02	<0.1	>50	0.9	0.6	>10	39	7.0	<0.2	7.85	25.95
1097553	Rock				0.023	<1	<1	6.79	13	<0.001	<20	0.02	<0.001	<0.01	<0.1	>50	0.4	4.0	>10	2	7.9	<0.2	8.67	20.75
1097554	Rock				0.027	2	<1	8.94	5	<0.001	<20	0.04	0.014	0.02	<0.1	0.65	0.3	0.8	5.32	1	<0.5	<0.2	0.30	3.25
1097555	Rock				0.022	2	1	9.88	10	<0.001	<20	0.05	0.011	0.03	<0.1	0.19	0.5	2.0	2.66	<1	<0.5	<0.2		
1097556	Rock				0.034	<1	<1	0.48	13	<0.001	<20	0.02	<0.001	<0.01	<0.1	>50	0.3	1.4	>10	47	17.4	<0.2	>10	27.74
1097557	Rock				0.137	3	16	0.89	66	0.001	<20	1.13	<0.001	0.06	<0.1	>50	6.4	2.2	0.14	2	0.8	<0.2	0.20	0.84
1097558	Rock Pulp				0.040	5	38	0.44	77	0.071	<20	0.97	0.072	0.14	17.8	2.03	2.8	2.7	1.00	7	0.9	0.5		



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Project: Scarlet
Report Date: October 25, 2011

Page: 2 of 2 **Part** 3

CERTIFICATE OF ANALYSIS

WHI11001093.2

	Method	G6Gr	7TD.1	2A F
	Analyte	Ag	Pb	F
	Unit	gm/t	%	ppm
	MDL	50	0.02	10
119548	Rock			N.A.
119549	Rock			N.A.
119550	Rock			N.A.
1097301	Rock			N.A.
1097302	Rock			N.A.
1097303	Rock			N.A.
1097304	Rock			N.A.
1097305	Rock			N.A.
1097306	Rock			N.A.
1097307	Rock			N.A.
1097308	Rock			N.A.
1097309	Rock			N.A.
1097310	Rock			N.A.
1097311	Rock			N.A.
1097551	Rock			120
1097552	Rock	98		180
1097553	Rock	76		90
1097554	Rock			230
1097555	Rock			230
1097556	Rock	200	13.02	80
1097557	Rock			270
1097558	Rock Pulp	103		N.A.



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Project:

Scarlet

Report Date:

October 25, 2011

Page:

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Part 1

QUALITY CONTROL REPORT

WHI11001093.2

	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	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
Pulp Duplicates																					
119550	Rock	1.47	4	0.1	3.5	6.3	40	<0.1	9.8	5.0	298	1.24	47.1	1.8	2.4	9	<0.1	0.8	0.9	<2	1.23
REP 119550	QC	3																			
1097552	Rock	2.41	11	0.3	999.5	>10000	>10000	>100	6.4	3.1	569	1.09	28.3	<0.5	0.4	40	1349	1583	0.1	4	7.76
REP 1097552	QC	0.2		1011	>10000	>10000	>100	7.1	3.1	554	1.05	27.2	1.6	0.4	40	1387	1617	0.1	<2	7.76	
1097556	Rock	1.64	2	<0.1	629.7	>10000	>10000	>100	1.8	1.7	90	0.98	30.6	<0.5	0.2	4	1857	778.3	0.2	2	0.89
REP 1097556	QC																				
Core Reject Duplicates																					
1097302	Rock	1.35	3	<0.1	0.7	2.3	33	<0.1	<0.1	0.4	376	0.21	3.2	0.7	<0.1	81	0.2	0.2	<0.1	<2	18.57
DUP 1097302	QC	<2		<0.1	0.5	2.3	33	<0.1	0.9	0.5	372	0.21	0.9	1.4	<0.1	81	0.2	0.1	<0.1	<2	19.47
Reference Materials																					
STD AGPROOF	Standard																				
STD CCU-1C	Standard																				
STD CDN-ME-3	Standard																				
STD CZN-3	Standard																				
STD DS8	Standard	11.9		112.6	122.4	315	1.8	38.6	7.4	592	2.42	24.5	90.1	6.3	59	2.4	4.8	6.8	38	0.64	
STD OREAS131B	Standard																				
STD OREAS45CA	Standard	1.0		482.2	18.9	60	0.3	216.5	87.9	882	14.60	3.9	38.8	6.6	14	0.1	0.2	0.2	190	0.41	
STD OXC88	Standard	195																			
STD OXH82	Standard	1310																			
STD PTC-1A	Standard																				
STD STSD-1	Standard																				
STD STSD-1	Standard																				
STD OXC88 Expected		203																			
STD OXH82 Expected		1278																			
STD DS8 Expected		13.44		110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1	0.7	
STD OREAS45CA Expected		1		494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265	
STD OREAS131B Expected																					
STD CDN-ME-3 Expected																					



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Project:

Scarlet

Report Date:

October 25, 2011

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Part 2

QUALITY CONTROL REPORT

WHI11001093.2

Method Analyte Unit MDL		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7TD	7TD
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Pb	Zn
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	%
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.02	0.01
Pulp Duplicates																					
119550	Rock	0.008	1	3	0.15	21	<0.001	<20	0.11	0.004	0.06	<0.1	0.05	1.1	<0.1	0.06	<1	<0.5	<0.2		
REP 119550	QC																				
1097552	Rock	0.028	1	2	4.28	38	<0.001	<20	0.07	<0.001	0.02	<0.1	>50	0.9	0.6	>10	39	7.0	<0.2	7.85	25.95
REP 1097552	QC	0.027	1	1	4.27	30	<0.001	<20	0.07	<0.001	0.02	<0.1	>50	0.8	0.6	>10	42	6.4	<0.2		
1097556	Rock	0.034	<1	<1	0.48	13	<0.001	<20	0.02	<0.001	<0.01	<0.1	>50	0.3	1.4	>10	47	17.4	<0.2	>10	27.74
REP 1097556	QC																				
Core Reject Duplicates																					
1097302	Rock	0.018	3	<1	9.76	4	<0.001	<20	0.04	0.013	<0.01	<0.1	0.13	0.2	<0.1	<0.05	<1	<0.5	<0.2		
DUP 1097302	QC	0.019	3	<1	10.23	4	<0.001	<20	0.04	0.014	<0.01	<0.1	0.14	0.2	<0.1	<0.05	<1	<0.5	<0.2		
Reference Materials																					
STD AGPROOF	Standard																				
STD CCU-1C	Standard																				
STD CDN-ME-3	Standard																				
STD CZN-3	Standard																				
STD DS8	Standard	0.075	11	113	0.58	278	0.105	<20	0.84	0.085	0.40	2.4	0.17	1.9	5.0	0.16	4	4.4	4.5		
STD OREAS131B	Standard																				
STD OREAS45CA	Standard	0.036	15	620	0.13	150	0.119	<20	3.29	0.014	0.07	<0.1	0.02	32.8	<0.1	<0.05	17	<0.5	<0.2	1.90	3.16
STD OXC88	Standard																				
STD OXH82	Standard																				
STD PTC-1A	Standard																				
STD STSD-1	Standard																				
STD STSD-1	Standard																				
STD OXC88 Expected																					
STD OXH82 Expected																					
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5		
STD OREAS45CA Expected		0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5			
STD OREAS131B Expected																					
STD CDN-ME-3 Expected																					



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Part 3

QUALITY CONTROL REPORT

WHI11001093.2

Method	G6Gr	7TD.1	2A F
Analyte	Ag	Pb	F
Unit	gm/t	%	ppm
MDL	50	0.02	10
Pulp Duplicates			
119550	Rock		N.A.
REP 119550	QC		
1097552	Rock	98	180
REP 1097552	QC		
1097556	Rock	200	13.02
REP 1097556	QC	12.35	80
Core Reject Duplicates			
1097302	Rock		N.A.
DUP 1097302	QC		N.A.
Reference Materials			
STD AGPROOF	Standard	93	
STD CCU-1C	Standard	0.35	
STD CDN-ME-3	Standard	272	
STD CZN-3	Standard	0.11	
STD DS8	Standard		
STD OREAS131B	Standard		
STD OREAS45CA	Standard		
STD OXC88	Standard		
STD OXH82	Standard		
STD PTC-1A	Standard	0.06	
STD STSD-1	Standard		880
STD STSD-1	Standard		870
STD OXC88 Expected			
STD OXH82 Expected			
STD DS8 Expected			
STD OREAS45CA Expected			
STD OREAS131B Expected			
STD CDN-ME-3 Expected		276	



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Part 1

QUALITY CONTROL REPORT

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		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	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
STD AGPROOF Expected																				
STD CZN-3 Expected																				
STD CCU-1C Expected																				
STD PTC-1A Expected																				
STD STSD-1 Expected																				
BLK	Blank		<2																	
BLK	Blank		<2																	
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
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
G1	Prep Blank		<2	0.2	2.3	3.7	51	<0.1	2.8	3.8	575	2.07	3.1	0.8	5.0	59	<0.1	<0.1	<0.1	35
G1	Prep Blank		7	0.1	2.0	3.7	46	<0.1	2.6	3.7	526	1.81	0.8	0.6	6.1	58	<0.1	<0.1	<0.1	32



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Part 2

QUALITY CONTROL REPORT

WHI11001093.2

		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	7TD Pb %	7TD Zn %
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.02	0.01
STD AGPROOF Expected																					
STD CZN-3 Expected																					
STD CCU-1C Expected																					
STD PTC-1A Expected																					
STD STSD-1 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
BLK	Blank																			<0.02	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.075	10	6	0.49	165	0.125	<20	0.89	0.097	0.47	0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.072	9	4	0.47	158	0.113	<20	0.84	0.089	0.45	<0.1	<0.01	1.8	0.3	<0.05	4	<0.5	<0.2		



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Part 3

QUALITY CONTROL REPORT

WHI11001093.2

		G6Gr	7TD.1	2A F
		Ag	Pb	F
		gm/t	%	ppm
		50	0.02	10
STD AGPROOF Expected		94		
STD CZN-3 Expected			0.113	
STD CCU-1C Expected			0.34	
STD PTC-1A Expected			0.05	
STD STSD-1 Expected				950
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<50		
BLK	Blank	<50		
BLK	Blank		<0.02	
BLK	Blank			20
Prep Wash				
G1	Prep Blank			N.A.
G1	Prep Blank			N.A.



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Submitted By: Roger Hulstein
Receiving Lab: Canada-Whitehorse
Received: August 20, 2011
Report Date: September 22, 2011
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CERTIFICATE OF ANALYSIS

WHI11001189.1

CLIENT JOB INFORMATION

Project: Scarlet
Shipment ID: 2011-22
P.O. Number
Number of Samples: 323

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

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: Radius Gold Inc.
830 - 355 Burrard St.
Vancouver BC V6C 2G8
Canada

CC: David Clark
database backup
Simon Ridgway
Scott Turton

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	320	Dry at 60C			WHI
1F05	320	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
RJSV	320	Saving all or part of Soil Reject			WHI

ADDITIONAL COMMENTS



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



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Project:

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Part 1

CERTIFICATE OF ANALYSIS

WHI11001189.1

	Method Analyte	Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
			ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
			0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
1097701	Soil		0.71	13.79	26.58	60.9	77	18.0	9.5	1032	3.64	17.1	0.6	1.1	3.7	12.0	0.18	0.82	0.31	37
1097702	Soil		0.65	12.66	18.57	66.8	34	17.6	7.1	229	3.10	13.5	0.4	2.0	2.5	8.5	0.10	0.63	0.24	28
1097703	Soil		0.53	16.29	25.10	65.4	27	19.1	10.1	789	3.81	18.5	0.8	0.5	3.8	10.5	0.09	0.74	0.31	29
1097704	Soil		0.87	14.81	36.36	69.4	62	22.1	10.0	1399	4.45	15.9	0.9	0.9	4.6	10.3	0.22	1.11	0.33	41
1097705	Soil		0.59	13.03	27.69	65.1	95	18.7	9.0	1074	3.62	12.3	0.6	<0.2	4.4	15.7	0.13	0.64	0.28	35
1097706	Soil		0.77	19.07	35.42	115.7	78	24.3	10.9	1421	5.19	18.7	1.0	1.6	5.8	11.9	0.19	1.08	0.34	33
1097707	Soil		0.80	17.41	31.20	129.2	121	23.1	9.7	2203	4.95	17.2	1.0	1.3	4.5	16.5	0.25	1.01	0.29	32
1097708	Soil		0.66	14.65	37.87	95.8	104	20.3	9.0	2814	4.37	19.9	0.6	1.7	3.7	18.7	0.35	1.25	0.27	36
1097709	Soil		0.56	16.13	31.41	96.1	152	18.2	8.5	1808	3.80	18.9	0.8	1.0	2.4	31.2	0.27	1.31	0.25	30
1097710	Soil		0.70	12.70	35.82	1399	139	19.9	9.3	3039	5.95	97.2	0.8	2.0	3.1	21.2	2.65	1.94	0.25	39
1097711	Soil		0.68	27.33	34.34	83.6	203	30.8	12.6	853	3.69	18.7	0.7	2.1	4.0	27.8	0.17	1.10	0.34	23
1097712	Soil		0.46	9.74	34.94	88.6	85	15.2	6.8	2145	3.57	19.9	0.7	1.0	2.9	24.0	0.23	1.15	0.21	25
1097713	Soil		0.76	18.90	39.76	187.6	127	25.8	12.3	893	3.76	21.5	0.8	1.7	5.8	53.3	0.27	0.86	0.37	33
1097714	Soil		0.56	13.99	31.51	117.3	108	19.4	9.8	2656	5.33	17.3	0.5	0.6	3.3	26.8	0.35	0.84	0.29	37
1097715	Soil		0.59	14.42	46.05	88.3	127	18.5	9.1	3644	6.57	26.6	0.7	0.6	2.8	16.7	0.36	1.62	0.25	37
1097716	Soil		0.80	26.80	54.96	172.9	236	27.4	9.4	2883	5.75	69.9	2.3	3.5	1.8	39.6	0.69	3.88	0.25	27
1097717	Soil		0.60	11.39	34.45	94.8	92	20.0	8.8	1162	3.49	22.9	0.7	1.3	4.2	20.3	0.22	1.25	0.27	28
1097718	Soil		0.42	22.48	56.78	91.0	343	18.5	9.2	1314	2.55	34.7	1.9	1.6	1.3	35.6	0.39	3.98	0.22	18
1097719	Soil		0.67	17.05	35.01	100.5	84	22.3	11.1	1306	4.53	21.7	0.7	0.8	4.9	55.5	0.25	0.88	0.33	35
1097720	Soil		0.53	13.08	31.07	267.6	117	10.9	5.2	3973	4.81	23.6	1.0	0.8	0.5	31.2	1.42	1.92	0.13	18
1097721	Soil		0.65	10.18	21.53	152.6	47	17.6	6.6	486	3.35	11.2	0.7	<0.2	2.8	29.9	0.36	0.81	0.24	39
1097722	Soil		0.46	24.06	22.97	86.6	171	22.4	8.5	336	3.01	10.7	1.8	1.3	1.0	67.0	0.48	0.50	0.27	24
1097723	Soil		0.70	13.80	24.37	85.9	44	21.9	10.0	546	3.36	13.5	0.7	<0.2	3.9	24.0	0.24	0.64	0.28	38
1097724	Soil		0.49	17.27	20.96	73.5	90	20.5	10.5	520	2.91	10.4	0.6	0.4	2.9	84.2	0.23	0.45	0.27	29
1097725	Soil		0.37	18.96	20.97	67.9	71	23.6	10.4	320	3.31	10.9	0.7	0.7	4.4	38.5	0.05	0.38	0.29	20
1097726	Soil		0.55	11.43	20.10	61.8	107	15.2	6.2	479	3.00	7.7	0.6	<0.2	1.8	128.9	0.38	0.35	0.28	33
1097727	Soil		0.48	19.19	22.00	69.8	37	19.4	8.3	287	2.77	9.8	0.5	0.7	4.5	63.2	0.29	0.36	0.32	18
1097728	Soil		0.41	15.80	22.69	75.2	104	22.6	9.5	396	2.84	8.1	0.6	0.6	6.4	140.5	0.20	0.27	0.32	17
1097729	Soil		0.60	15.18	23.40	83.1	73	22.9	9.0	258	3.16	10.3	0.6	<0.2	4.2	55.8	0.15	0.32	0.30	23
1097730	Soil		0.65	19.16	23.73	84.4	108	22.6	8.6	583	3.45	10.6	0.8	<0.2	4.1	59.8	0.25	0.35	0.32	21



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Report Date: September 22, 2011

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CERTIFICATE OF ANALYSIS

WHI11001189.1

	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1097701	Soil	11.7	21.4	0.31	103.4	0.006	3	1.34	0.006	0.10	0.1	3.5	0.12	<0.02	62	<0.1	0.06	4.1	1.33	<0.1
1097702	Soil	6.8	17.6	0.27	58.1	0.006	2	1.03	0.004	0.08	<0.1	2.0	0.08	0.02	51	<0.1	0.02	3.2	1.03	<0.1
1097703	Soil	6.9	18.5	0.31	150.8	0.002	3	1.38	0.004	0.09	<0.1	3.2	0.11	<0.02	67	0.2	0.05	3.3	0.91	<0.1
1097704	Soil	15.6	25.5	0.57	103.8	0.005	4	1.64	0.006	0.11	<0.1	5.2	0.14	<0.02	93	0.5	0.05	4.5	1.24	<0.1
1097705	Soil	12.3	22.9	0.53	141.6	0.003	3	1.64	0.005	0.10	<0.1	4.2	0.15	<0.02	68	0.3	0.03	4.5	1.23	<0.1
1097706	Soil	16.9	22.9	0.34	102.3	0.003	3	1.53	0.005	0.11	<0.1	5.8	0.14	<0.02	159	0.4	0.06	3.9	0.84	<0.1
1097707	Soil	15.9	23.4	1.71	121.4	0.004	3	1.45	0.006	0.10	<0.1	5.4	0.12	0.02	394	0.8	0.06	3.7	0.95	<0.1
1097708	Soil	13.6	23.3	1.72	163.2	0.004	6	1.67	0.007	0.08	<0.1	4.5	0.14	0.03	90	0.5	0.05	4.2	0.86	<0.1
1097709	Soil	11.2	21.5	3.00	113.2	0.003	7	1.62	0.010	0.08	<0.1	3.5	0.09	0.04	114	0.4	0.04	3.8	0.71	<0.1
1097710	Soil	13.5	25.1	2.01	177.3	0.006	8	1.98	0.008	0.11	<0.1	3.8	0.11	0.03	201	0.5	0.07	5.2	0.90	<0.1
1097711	Soil	8.6	21.7	1.22	82.6	0.003	10	1.27	0.008	0.17	<0.1	5.0	0.12	0.03	146	0.5	0.05	3.4	1.02	<0.1
1097712	Soil	9.5	18.8	3.47	128.4	0.002	6	1.54	0.007	0.12	<0.1	3.5	0.10	<0.02	90	0.4	0.05	3.7	0.75	<0.1
1097713	Soil	21.0	22.7	1.20	111.8	0.005	4	1.42	0.006	0.13	<0.1	6.0	0.13	<0.02	314	0.4	0.07	3.9	0.75	<0.1
1097714	Soil	16.4	24.2	0.74	188.8	0.004	7	1.86	0.006	0.10	<0.1	4.2	0.09	0.03	79	0.3	0.05	4.8	0.95	<0.1
1097715	Soil	16.0	23.9	1.92	164.7	0.004	6	1.90	0.007	0.11	<0.1	3.8	0.11	0.05	63	0.5	0.06	4.8	0.71	<0.1
1097716	Soil	10.9	21.2	3.08	133.0	0.005	7	1.39	0.010	0.13	<0.1	2.7	0.16	0.06	187	0.9	0.13	3.5	0.83	<0.1
1097717	Soil	12.7	21.5	1.15	113.6	0.003	6	1.38	0.006	0.15	<0.1	4.3	0.12	0.02	88	0.4	0.03	3.5	0.68	<0.1
1097718	Soil	5.8	16.0	4.28	66.7	0.002	7	0.76	0.008	0.08	<0.1	1.9	0.10	0.06	318	0.5	0.09	1.8	0.34	<0.1
1097719	Soil	16.4	25.2	0.62	137.2	0.003	5	1.69	0.005	0.12	<0.1	4.5	0.14	0.02	110	0.5	0.02	4.4	0.77	<0.1
1097720	Soil	11.4	12.5	4.43	134.6	0.004	6	0.92	0.011	0.06	<0.1	1.3	0.07	0.07	126	0.5	0.05	2.0	0.43	<0.1
1097721	Soil	11.4	24.3	0.65	114.9	0.008	5	1.59	0.006	0.07	<0.1	2.9	0.12	0.02	58	0.3	0.03	4.7	0.96	<0.1
1097722	Soil	7.9	19.9	0.33	167.6	0.003	6	1.37	0.006	0.10	<0.1	2.9	0.08	0.06	149	0.5	0.03	3.6	0.94	<0.1
1097723	Soil	9.1	25.8	0.44	128.8	0.006	5	1.60	0.005	0.08	<0.1	3.2	0.14	<0.02	71	0.3	0.06	4.9	1.03	<0.1
1097724	Soil	7.4	21.4	0.33	180.2	0.004	2	1.37	0.006	0.10	<0.1	3.5	0.11	0.03	53	0.4	0.05	4.1	1.00	<0.1
1097725	Soil	8.9	20.0	0.35	109.0	0.002	4	1.33	0.004	0.11	<0.1	4.9	0.11	<0.02	76	0.2	0.06	3.7	1.30	<0.1
1097726	Soil	13.0	20.1	0.27	139.7	0.007	7	1.32	0.008	0.09	<0.1	2.8	0.10	0.04	59	0.4	0.07	3.4	1.05	<0.1
1097727	Soil	11.0	14.4	0.21	256.2	0.002	9	1.17	0.006	0.15	<0.1	4.2	0.16	<0.02	59	0.4	0.02	3.1	0.58	<0.1
1097728	Soil	15.2	11.8	0.13	188.0	0.003	7	0.97	0.006	0.30	<0.1	4.9	0.12	<0.02	40	0.4	0.03	2.4	0.55	<0.1
1097729	Soil	13.6	16.5	0.14	190.9	0.002	4	1.25	0.005	0.15	<0.1	4.1	0.16	0.02	72	0.4	0.04	3.2	1.25	<0.1
1097730	Soil	15.7	16.1	0.18	140.9	0.001	3	0.99	0.003	0.13	<0.1	5.3	0.13	0.03	103	0.6	0.03	2.4	0.63	<0.1



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1097701	Soil	0.50	13.2	2.2	<0.05	1.1	6.39	30.0	0.04	<1	1.0	14.2	<10
1097702	Soil	0.43	9.6	2.8	<0.05	0.7	2.35	14.5	<0.02	<1	0.5	17.6	<10
1097703	Soil	0.26	10.1	0.9	<0.05	1.7	4.49	21.9	0.04	<1	1.1	14.9	<10
1097704	Soil	0.36	14.5	3.6	<0.05	2.5	12.37	30.0	0.04	<1	1.3	16.9	<10
1097705	Soil	0.27	10.3	0.9	<0.05	2.6	9.66	25.9	0.02	<1	0.9	17.0	<10
1097706	Soil	0.25	12.1	2.4	<0.05	3.0	18.85	29.6	0.03	<1	1.7	16.2	<10
1097707	Soil	0.29	10.2	1.7	<0.05	2.3	18.75	25.9	0.04	<1	1.0	15.7	<10
1097708	Soil	0.36	10.5	3.8	<0.05	2.4	13.57	28.5	0.03	<1	1.1	15.4	<10
1097709	Soil	0.33	8.7	0.7	<0.05	2.3	11.75	22.6	0.03	<1	1.0	14.9	<10
1097710	Soil	0.42	11.9	2.7	<0.05	2.4	14.28	28.0	0.02	<1	1.2	15.3	<10
1097711	Soil	0.26	11.0	5.7	<0.05	2.7	15.40	18.7	0.03	<1	1.2	20.8	<10
1097712	Soil	0.23	11.1	3.4	<0.05	1.9	10.53	19.7	<0.02	<1	1.1	14.2	<10
1097713	Soil	0.36	11.5	1.5	<0.05	2.3	19.38	38.1	0.05	<1	1.0	15.1	<10
1097714	Soil	0.45	10.2	1.3	<0.05	2.6	15.13	33.8	0.03	<1	1.0	17.6	<10
1097715	Soil	0.28	10.2	1.1	<0.05	2.9	19.06	33.3	0.03	<1	0.9	14.1	<10
1097716	Soil	0.23	8.9	2.8	<0.05	2.4	15.03	21.7	<0.02	<1	0.7	11.7	<10
1097717	Soil	0.38	13.7	1.8	<0.05	2.1	13.01	31.3	0.03	<1	0.9	14.7	<10
1097718	Soil	0.12	5.3	2.4	<0.05	2.1	12.42	12.1	<0.02	<1	0.3	4.1	<10
1097719	Soil	0.31	10.0	1.9	<0.05	3.0	14.93	32.9	0.03	<1	1.1	19.7	<10
1097720	Soil	0.14	5.6	5.1	<0.05	0.7	14.09	21.1	<0.02	<1	0.5	4.4	<10
1097721	Soil	0.68	9.9	1.4	<0.05	1.3	7.33	20.9	0.02	<1	1.1	14.9	<10
1097722	Soil	0.42	10.3	1.4	<0.05	1.0	8.60	15.8	0.03	<1	0.8	22.6	<10
1097723	Soil	0.49	10.6	1.6	<0.05	2.2	5.91	22.7	0.03	<1	0.9	20.5	<10
1097724	Soil	0.58	11.1	2.0	<0.05	1.6	5.59	24.4	0.03	<1	0.8	20.5	<10
1097725	Soil	0.21	11.3	0.9	<0.05	2.1	10.94	23.2	0.04	<1	0.7	28.8	<10
1097726	Soil	0.57	11.1	1.9	<0.05	0.8	8.71	33.4	0.04	<1	0.9	10.6	<10
1097727	Soil	0.32	10.4	1.4	<0.05	2.4	9.72	26.9	0.03	<1	0.9	11.9	<10
1097728	Soil	0.32	10.1	1.1	<0.05	3.7	10.04	41.8	0.03	<1	0.8	7.3	<10
1097729	Soil	0.33	13.7	0.6	<0.05	1.6	9.48	36.6	0.03	<1	1.0	13.2	<10
1097730	Soil	0.21	9.2	1.5	<0.05	2.6	12.17	40.9	0.03	<1	1.2	11.0	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
1097851	Soil	0.53	19.61	33.76	60.6	77	19.8	8.6	616	3.25	11.1	1.0	<0.2	1.9	35.7	0.18	0.60	0.27	23	0.85
1097852	Soil	0.52	23.21	29.05	83.8	71	21.3	10.4	571	3.37	12.4	0.3	0.4	1.6	21.7	0.18	0.53	0.34	13	0.37
1097601	Soil	0.31	38.49	44.96	346.6	147	30.5	13.5	446	3.36	23.7	0.7	<0.2	4.3	41.8	0.42	0.53	0.36	15	0.03
1097602	Soil	11.01	5.44	75.33	1508	85	8.8	3.1	1465	2.70	25.4	2.2	<0.2	0.8	163.2	1.55	2.48	0.07	14	9.55
1097603	Soil	1.03	27.99	67.54	417.5	105	19.7	13.0	873	0.75	16.3	1.3	1.2	0.8	403.1	2.09	0.96	0.11	12	11.00
1097604	Soil	0.33	2.22	193.2	285.7	98	2.4	1.0	1022	0.42	25.2	1.4	0.3	0.2	104.0	1.76	0.55	0.02	4	12.79
1097605	Soil	0.18	2.08	29.34	222.2	54	3.0	1.6	711	0.58	11.1	1.4	1.6	0.4	225.4	0.39	0.45	0.03	3	17.38
1097606	Soil	0.53	17.96	10.59	47.3	18	8.9	4.7	131	3.01	1.5	0.7	3.0	3.7	4.2	0.10	0.45	0.35	24	0.05
1097751	Soil	0.46	16.87	34.15	71.9	201	23.4	10.4	1472	4.29	17.3	1.3	5.5	2.5	28.1	0.14	0.90	0.28	16	3.57
1097752	Soil	0.37	11.59	18.22	42.6	126	16.8	7.3	893	2.41	10.8	1.1	2.4	1.3	40.1	0.22	0.65	0.16	14	9.87
1097753	Soil	0.30	8.03	15.44	35.0	96	11.6	5.7	820	2.09	10.3	1.0	3.2	1.5	51.2	0.15	0.53	0.12	10	12.13
1097754	Soil	0.47	13.64	20.72	70.7	152	15.3	7.1	2451	4.90	16.1	1.3	1.7	0.6	21.8	0.44	0.91	0.18	25	5.74
1097755	Soil	0.24	5.46	11.55	16.9	58	6.3	3.5	1494	2.12	10.8	1.2	1.8	0.6	42.7	0.09	0.66	0.06	8	15.50
1097756	Soil	0.69	14.62	32.71	79.3	119	23.3	10.0	1743	4.74	19.3	1.0	3.3	2.3	18.6	0.29	1.45	0.26	35	3.15
1097757	Soil	5.58	17.95	48.14	120.0	159	22.6	11.3	1821	4.78	27.3	0.8	2.5	1.9	20.7	0.49	2.43	0.28	30	2.99
1097758	Soil	0.72	13.99	52.79	61.0	194	17.4	9.6	2340	3.87	29.1	0.8	1.6	1.6	56.0	0.26	2.43	0.18	20	9.98
1097759	Soil	0.62	10.86	23.42	55.5	89	15.5	9.5	2868	4.35	12.4	0.8	0.9	1.7	21.2	0.30	0.68	0.25	33	2.52
1097760	Soil	0.87	15.05	27.67	55.2	67	18.0	15.0	1948	3.52	17.4	1.1	0.4	2.1	9.5	0.27	0.76	0.38	27	0.61
1097761	Soil	0.50	14.34	15.88	66.9	43	12.6	8.1	400	3.25	6.4	0.4	1.0	2.3	8.6	0.10	0.33	0.36	35	0.14
1097762	Soil	0.80	14.76	27.49	81.9	177	21.4	10.3	1144	4.13	12.6	1.0	1.9	3.1	24.8	0.20	0.66	0.28	28	2.15
1097763	Soil	0.29	13.77	16.02	40.5	44	12.6	7.9	802	2.10	14.5	0.8	4.0	1.1	29.6	0.11	0.85	0.17	9	9.35
1097764	Soil	0.51	27.75	26.86	100.8	82	27.9	14.7	804	3.75	9.6	0.6	2.1	4.0	23.9	0.18	0.48	0.33	23	0.83
1097765	Soil	0.69	22.96	34.11	89.8	52	29.4	16.4	585	4.05	7.2	0.6	1.4	3.6	26.7	0.06	0.28	0.38	27	0.45
1097766	Soil	0.90	41.64	28.73	70.8	146	28.6	17.0	819	3.91	6.4	8.4	1.4	2.6	84.7	0.16	0.23	0.39	27	0.74
1097767	Soil	0.61	28.83	33.26	88.9	72	31.8	19.1	795	4.34	7.3	0.6	1.6	3.4	18.1	0.09	0.26	0.44	31	0.20
1097768	Soil	0.50	32.99	25.09	89.1	83	32.1	14.9	372	4.95	9.0	0.5	1.1	4.1	7.2	0.05	0.25	0.44	36	0.03
1097769	Soil	0.49	24.54	28.29	79.1	82	29.7	13.7	423	4.70	8.7	0.4	0.8	3.7	8.1	0.06	0.41	0.39	29	0.06
1097770	Soil	0.39	23.05	28.30	90.8	133	28.7	11.7	533	3.13	10.9	0.9	1.6	3.2	54.4	0.13	0.57	0.29	11	3.00
1097771	Soil	0.36	17.99	21.99	79.6	97	18.1	8.6	532	2.57	11.6	0.8	1.4	1.4	51.9	0.20	0.58	0.21	13	3.07
1097772	Soil	0.35	17.10	21.52	77.6	109	18.4	7.6	407	2.57	10.1	0.7	1.2	1.4	53.2	0.15	0.53	0.23	12	2.96



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1097851	Soil	6.7	18.9	0.30	106.2	0.002	3	1.25	0.006	0.10	<0.1	3.2	0.10	0.03	111	0.4	0.05	3.6	1.06	<0.1
1097852	Soil	3.6	9.3	0.12	71.5	0.002	5	0.61	0.004	0.12	<0.1	2.5	0.10	0.03	361	0.3	0.04	1.9	0.74	<0.1
1097601	Soil	4.3	9.0	0.05	63.9	<0.001	3	0.30	0.003	0.13	<0.1	3.5	0.25	<0.02	1207	0.3	0.05	1.5	3.88	<0.1
1097602	Soil	5.9	9.7	7.10	48.1	0.004	2	0.37	0.008	0.03	<0.1	1.5	2.87	<0.02	3471	0.5	0.04	1.1	0.31	<0.1
1097603	Soil	2.9	7.8	8.33	42.9	0.001	3	0.39	0.007	0.05	<0.1	2.3	0.33	<0.02	1924	0.3	0.05	1.0	0.37	<0.1
1097604	Soil	2.1	3.4	9.46	22.0	0.003	2	0.16	0.007	0.02	<0.1	0.3	0.24	<0.02	>50000	0.4	0.03	0.4	0.17	<0.1
1097605	Soil	4.9	3.2	9.61	33.8	0.002	4	0.15	0.007	0.03	<0.1	0.6	0.84	<0.02	917	0.3	0.03	0.3	0.34	<0.1
1097606	Soil	3.8	18.5	0.12	79.6	0.005	4	1.13	0.003	0.24	<0.1	2.0	0.18	<0.02	91	<0.1	0.03	4.8	2.88	<0.1
1097751	Soil	9.8	15.4	1.92	120.6	0.003	4	0.96	0.005	0.10	<0.1	3.3	0.12	0.03	108	0.2	0.04	2.1	1.29	<0.1
1097752	Soil	6.7	11.7	5.81	61.1	0.005	5	0.84	0.006	0.09	<0.1	2.0	0.09	<0.02	124	0.3	<0.02	1.7	0.82	<0.1
1097753	Soil	4.8	9.7	6.94	47.3	0.005	5	0.50	0.007	0.07	<0.1	1.6	0.06	<0.02	72	0.3	0.03	1.2	0.69	<0.1
1097754	Soil	10.0	18.5	3.20	127.5	0.008	5	1.29	0.007	0.07	<0.1	1.6	0.11	0.06	135	0.5	0.03	2.6	0.92	<0.1
1097755	Soil	2.8	7.2	8.89	56.9	0.003	3	0.41	0.009	0.06	<0.1	1.1	0.08	<0.02	42	0.3	0.03	1.0	0.52	<0.1
1097756	Soil	10.7	26.4	2.00	131.0	0.005	4	1.95	0.004	0.13	<0.1	3.2	0.15	0.04	73	0.3	0.06	4.2	1.05	<0.1
1097757	Soil	11.4	23.1	1.64	153.2	0.004	8	1.80	0.007	0.15	<0.1	3.2	0.14	0.06	130	0.3	0.04	4.1	0.99	<0.1
1097758	Soil	8.7	15.8	5.81	99.8	0.003	8	1.25	0.007	0.09	<0.1	2.4	0.18	0.03	86	0.4	0.03	2.5	0.65	<0.1
1097759	Soil	13.4	21.8	1.28	142.1	0.005	4	1.51	0.004	0.08	<0.1	3.1	0.12	0.04	76	0.3	0.04	3.6	0.93	<0.1
1097760	Soil	7.4	19.7	0.41	125.7	0.006	4	1.37	0.003	0.20	<0.1	3.1	0.14	0.04	82	0.2	0.05	4.3	1.75	<0.1
1097761	Soil	6.4	23.8	0.28	138.1	0.007	1	1.24	0.005	0.14	<0.1	2.2	0.10	<0.02	15	<0.1	<0.02	6.5	1.56	<0.1
1097762	Soil	13.6	22.1	1.28	127.7	0.007	3	1.31	0.004	0.10	<0.1	4.0	0.11	0.03	71	0.3	0.05	3.4	1.26	<0.1
1097763	Soil	3.4	9.1	5.56	62.2	0.003	4	0.55	0.007	0.09	<0.1	1.7	0.08	<0.02	86	0.2	0.02	1.5	1.09	<0.1
1097764	Soil	8.2	27.1	0.60	104.4	0.004	3	1.57	0.006	0.12	<0.1	3.6	0.09	0.03	101	0.2	<0.02	4.7	1.79	<0.1
1097765	Soil	6.5	35.8	0.61	137.7	0.003	2	1.88	0.006	0.09	<0.1	3.3	0.09	0.02	44	<0.1	0.03	6.3	2.45	<0.1
1097766	Soil	7.4	35.2	0.46	344.3	0.003	2	2.07	0.008	0.15	<0.1	4.2	0.10	0.06	62	0.6	<0.02	6.2	2.45	<0.1
1097767	Soil	6.7	40.3	0.56	191.8	0.004	1	2.01	0.005	0.13	<0.1	3.3	0.11	0.03	42	0.1	<0.02	7.5	2.85	<0.1
1097768	Soil	4.6	44.9	0.62	78.1	0.004	2	2.45	0.003	0.13	<0.1	3.7	0.15	<0.02	26	0.2	<0.02	8.7	2.52	<0.1
1097769	Soil	5.6	35.7	0.49	107.2	0.004	2	1.96	0.003	0.10	<0.1	3.0	0.11	0.02	51	0.2	<0.02	6.5	1.97	<0.1
1097770	Soil	6.3	12.4	1.50	101.7	0.002	5	0.74	0.005	0.11	<0.1	3.2	0.12	0.04	156	0.3	0.02	1.9	1.92	<0.1
1097771	Soil	6.0	12.4	1.36	95.1	0.003	5	0.76	0.006	0.08	<0.1	2.3	0.08	0.05	122	0.3	0.03	2.1	1.04	<0.1
1097772	Soil	5.6	12.2	1.34	92.4	0.002	4	0.73	0.004	0.08	<0.1	2.3	0.08	0.05	129	0.3	<0.02	2.0	1.04	<0.1



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10
1097851	Soil	0.30	10.3	1.7	<0.05	1.2	7.89	16.5	0.03	<1	0.9	21.7	<10
1097852	Soil	0.14	13.9	1.3	<0.05	0.7	2.68	9.3	0.03	1	0.6	6.8	<10
1097601	Soil	<0.02	8.5	0.8	<0.05	0.8	11.14	11.6	0.05	<1	0.6	1.5	<10
1097602	Soil	0.10	3.0	1.1	<0.05	0.7	5.85	11.1	<0.02	<1	0.3	2.4	<10
1097603	Soil	0.03	3.1	0.7	<0.05	0.7	5.56	5.3	<0.02	<1	0.4	1.0	<10
1097604	Soil	0.05	2.0	2.6	<0.05	0.5	2.77	3.5	<0.02	<1	0.2	1.1	<10
1097605	Soil	0.04	1.9	0.5	<0.05	0.7	4.43	7.9	<0.02	<1	0.2	1.2	<10
1097606	Soil	0.32	27.0	0.9	<0.05	0.3	5.55	7.9	0.02	<1	0.7	5.1	<10
1097751	Soil	0.19	8.2	1.7	<0.05	1.6	11.93	20.4	0.04	<1	0.7	16.2	<10
1097752	Soil	0.16	6.7	1.8	<0.05	1.2	9.33	14.3	<0.02	<1	0.6	11.6	<10
1097753	Soil	0.14	4.9	1.9	<0.05	1.1	6.65	10.9	<0.02	<1	0.4	9.0	<10
1097754	Soil	0.22	8.2	2.3	<0.05	0.5	10.36	19.1	0.03	<1	0.6	8.8	<10
1097755	Soil	0.08	4.7	1.4	<0.05	0.7	4.24	6.0	<0.02	<1	0.4	5.4	<10
1097756	Soil	0.33	10.4	2.3	<0.05	2.1	10.74	22.1	0.03	<1	1.0	15.9	<10
1097757	Soil	0.32	12.5	1.4	<0.05	2.1	10.56	23.9	0.03	1	1.3	14.5	<10
1097758	Soil	0.15	7.2	2.0	<0.05	1.9	9.30	18.2	0.02	<1	0.9	9.1	<10
1097759	Soil	0.40	8.8	1.1	<0.05	1.2	10.93	29.3	0.03	<1	0.8	9.7	<10
1097760	Soil	0.35	21.6	2.6	<0.05	1.1	5.25	23.4	0.03	<1	1.2	13.6	<10
1097761	Soil	0.43	21.0	1.8	<0.05	0.3	3.03	12.8	0.03	<1	0.5	14.8	<10
1097762	Soil	0.41	13.8	3.2	<0.05	1.1	13.15	29.7	0.03	<1	0.8	17.1	<10
1097763	Soil	0.10	5.7	1.3	<0.05	1.1	4.96	8.0	<0.02	<1	0.5	7.5	<10
1097764	Soil	0.36	12.1	2.0	<0.05	2.0	7.82	19.5	0.03	1	1.2	28.1	<10
1097765	Soil	0.34	13.9	10.5	<0.05	1.2	5.02	16.0	0.03	<1	1.0	42.0	<10
1097766	Soil	0.51	19.9	2.4	<0.05	1.4	9.73	16.9	0.04	<1	1.5	40.5	<10
1097767	Soil	0.52	16.2	3.1	<0.05	0.8	6.60	17.2	0.04	<1	1.3	37.5	<10
1097768	Soil	0.43	17.8	3.4	<0.05	1.8	3.60	11.9	0.02	<1	1.1	43.5	<10
1097769	Soil	0.55	14.1	2.8	<0.05	1.6	2.99	13.9	0.03	<1	0.9	35.2	<10
1097770	Soil	0.11	8.7	0.7	<0.05	1.7	8.11	17.5	0.03	<1	0.8	19.5	<10
1097771	Soil	0.22	6.9	2.7	<0.05	1.5	7.63	14.7	0.03	<1	0.7	15.4	<10
1097772	Soil	0.19	6.8	1.5	<0.05	1.2	7.60	14.0	0.02	<1	0.7	15.5	<10



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
1097773	Soil	0.31	17.57	20.94	63.1	93	19.3	8.7	440	2.40	10.8	0.7	2.2	2.1	54.1	0.10	0.59	0.23	10	5.66
1097774	Soil	0.52	16.30	19.79	56.0	64	15.4	9.1	885	2.34	16.8	1.0	3.8	1.1	49.1	0.17	0.99	0.20	12	8.70
1097775	Soil	0.53	14.01	18.89	49.0	49	14.6	8.0	851	2.18	14.5	0.8	3.4	1.2	30.9	0.14	0.78	0.19	10	9.26
1097776	Soil	0.32	18.00	23.21	72.4	97	22.8	9.2	465	2.50	9.4	0.8	1.6	2.7	73.6	0.13	0.47	0.24	8	3.93
1097777	Soil	0.53	20.80	38.17	99.3	198	26.1	13.3	1400	4.62	17.0	1.1	3.1	2.3	24.0	0.27	0.85	0.29	17	3.68
1097778	Soil	0.49	12.44	19.25	53.9	110	16.3	8.2	1765	3.35	13.3	1.1	1.9	1.3	29.6	0.21	1.00	0.18	20	7.31
1097779	Soil	0.50	16.16	29.78	67.1	124	21.5	10.8	1447	3.97	15.1	1.1	2.2	2.3	24.3	0.33	0.89	0.24	18	3.54
1097780	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.
1097781	Soil	0.39	11.40	19.00	47.4	84	12.5	6.6	1639	2.78	14.7	1.5	4.1	0.8	35.7	0.18	1.20	0.16	15	8.83
1097782	Soil	0.34	15.52	23.32	68.1	139	18.5	9.8	841	2.81	11.1	0.7	1.1	1.8	43.4	0.15	0.46	0.20	12	7.39
1097783	Soil	0.57	17.15	29.36	109.0	104	19.0	9.4	1538	4.40	11.4	1.1	1.3	2.5	27.7	0.43	0.57	0.27	22	2.10
1097784	Soil	0.46	11.49	20.21	166.7	114	14.3	7.1	1670	3.05	12.9	2.1	2.1	1.2	38.9	0.47	0.88	0.16	16	8.09
1097785	Soil	0.50	13.86	23.92	62.9	96	16.7	8.3	1153	3.08	13.3	0.6	1.7	1.7	48.1	0.18	0.83	0.20	18	6.10
1097786	Soil	0.66	16.36	29.40	78.7	39	21.9	11.8	1529	3.79	12.7	1.0	1.9	2.9	17.1	0.19	0.70	0.42	25	2.79
1097787	Soil	0.52	26.70	28.92	72.6	71	26.1	15.3	610	3.48	18.6	1.1	2.6	3.5	14.1	0.12	0.59	0.43	21	0.85
1096944	Soil	0.08	1.60	5.53	3.5	31	2.3	1.6	787	0.91	5.9	0.9	<0.2	0.1	124.6	0.05	0.32	0.03	4	20.08
1096945	Soil	0.56	18.73	30.19	59.9	255	18.8	9.2	1732	3.40	27.4	1.5	39.1	0.9	34.5	0.35	3.93	0.20	23	8.64
1096946	Soil	0.42	12.60	21.14	37.9	161	13.1	5.5	2301	3.57	26.4	1.2	5.6	0.6	54.7	0.22	1.66	0.13	20	10.09
1096947	Soil	0.37	8.97	18.80	38.8	133	11.6	4.8	5022	7.08	22.1	0.9	3.4	0.9	33.7	0.21	1.16	0.13	19	8.74
1096948	Soil	0.66	21.88	48.84	108.2	156	27.9	11.8	1072	4.09	26.2	0.7	2.9	3.1	17.1	0.17	1.38	0.33	30	0.75
1096949	Soil	0.56	21.62	37.66	82.8	148	33.5	12.8	410	3.43	29.8	1.0	3.1	2.9	34.0	0.16	1.82	0.40	15	0.96
1096950	Soil	0.67	16.30	35.21	72.7	73	23.9	12.8	1312	5.21	15.3	1.1	4.3	4.3	27.1	0.22	1.44	0.37	27	0.42
1097426	Soil	0.48	21.60	27.95	55.3	233	20.0	8.4	267	2.10	6.2	1.2	2.1	0.9	94.4	0.11	0.38	0.30	8	1.31
1097428	Soil	1.30	44.25	101.9	103.7	568	34.9	56.6	3195	4.46	9.2	1.5	1.9	2.2	26.5	0.18	0.62	0.38	19	0.23
1097430	Soil	1.07	34.07	36.32	101.9	396	35.9	19.2	860	4.08	7.8	0.7	0.7	3.1	22.0	0.09	0.47	0.34	16	0.16
1097431	Soil	1.27	36.95	60.45	100.8	609	35.5	30.7	1814	4.41	7.8	1.5	1.3	3.5	28.6	0.11	0.51	0.32	19	0.18
1097432	Soil	1.19	24.91	52.97	83.3	402	31.6	20.1	934	4.79	11.8	1.4	0.8	4.7	53.3	0.16	0.53	0.33	17	0.60
1097805	Soil	0.95	11.79	28.60	67.2	46	18.3	9.2	2019	4.29	12.0	1.0	0.6	3.7	8.8	0.20	0.85	0.29	40	0.57
1097806	Soil	0.70	15.02	40.91	67.1	102	18.3	9.0	2881	4.65	15.3	0.7	<0.2	3.9	14.3	0.28	1.19	0.27	33	2.33
1097807	Soil	0.78	11.62	36.10	461.0	76	19.0	10.5	4819	8.00	19.7	0.8	0.7	2.5	13.4	3.00	1.16	0.27	41	1.92



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1097773	Soil	4.5	9.8	3.10	76.0	0.002	4	0.66	0.005	0.10	<0.1	2.4	0.10	0.03	82	0.3	0.02	1.7	1.41	<0.1
1097774	Soil	3.8	12.0	5.02	103.7	0.003	5	0.67	0.007	0.09	<0.1	1.9	0.10	0.03	119	0.4	0.04	2.0	1.29	<0.1
1097775	Soil	3.7	13.0	5.48	69.9	0.003	4	0.63	0.007	0.10	<0.1	1.9	0.08	0.03	95	0.3	0.02	1.7	1.23	<0.1
1097776	Soil	4.8	9.2	1.73	70.4	0.002	4	0.60	0.004	0.10	<0.1	2.5	0.11	0.03	83	0.3	0.04	1.5	1.43	<0.1
1097777	Soil	7.9	15.9	2.06	90.3	0.003	4	1.00	0.005	0.08	<0.1	3.6	0.12	0.04	90	0.4	0.05	2.2	1.51	<0.1
1097778	Soil	8.1	16.0	4.42	75.3	0.006	3	1.14	0.007	0.06	<0.1	1.9	0.07	0.03	110	0.3	0.02	2.3	0.71	<0.1
1097779	Soil	9.3	15.8	2.10	66.7	0.002	3	1.19	0.004	0.07	<0.1	3.3	0.11	0.04	76	0.3	<0.02	2.5	0.94	<0.1
1097780	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.
1097781	Soil	5.4	12.1	5.00	99.4	0.005	6	0.99	0.008	0.08	<0.1	1.3	0.09	0.03	106	0.3	0.03	2.0	0.83	<0.1
1097782	Soil	5.6	11.2	4.39	65.2	0.002	4	0.87	0.006	0.08	<0.1	3.1	0.08	0.02	73	0.3	<0.02	1.8	0.79	<0.1
1097783	Soil	10.5	18.1	0.98	134.8	0.002	2	1.29	0.004	0.07	<0.1	3.5	0.11	0.04	66	0.3	0.04	3.0	0.82	<0.1
1097784	Soil	6.3	12.9	4.71	86.9	0.004	4	1.00	0.007	0.06	<0.1	1.8	0.17	0.02	86	0.3	<0.02	2.1	0.75	<0.1
1097785	Soil	6.6	15.1	3.73	101.3	0.004	7	1.16	0.005	0.11	<0.1	2.5	0.15	0.03	46	0.2	0.02	2.5	0.78	<0.1
1097786	Soil	9.2	19.0	1.68	107.2	0.003	5	1.38	0.004	0.08	<0.1	4.2	0.16	<0.02	48	0.2	0.05	3.4	1.03	<0.1
1097787	Soil	7.6	22.9	0.61	114.1	0.003	3	1.29	0.003	0.09	<0.1	4.5	0.11	0.03	186	0.3	0.04	3.8	1.51	<0.1
1096944	Soil	2.4	3.5	10.14	31.8	0.002	2	0.13	0.009	<0.01	<0.1	0.5	<0.02	<0.02	30	0.3	<0.02	0.3	0.07	<0.1
1096945	Soil	7.6	15.7	4.53	70.0	0.006	4	0.88	0.008	0.05	<0.1	1.8	0.14	0.05	395	0.4	0.06	1.8	0.45	<0.1
1096946	Soil	7.5	12.7	5.04	81.5	0.005	5	0.79	0.008	0.05	<0.1	1.5	0.12	0.04	147	0.4	<0.02	1.6	0.41	<0.1
1096947	Soil	11.6	12.7	4.43	113.3	0.003	5	0.90	0.007	0.05	<0.1	1.8	0.11	0.05	115	0.4	0.02	2.0	0.44	<0.1
1096948	Soil	11.6	22.4	0.36	123.6	0.004	5	1.43	0.004	0.14	0.1	4.4	0.15	0.03	125	0.4	0.08	3.8	0.92	<0.1
1096949	Soil	10.0	13.0	0.18	125.7	0.002	5	0.79	0.003	0.17	<0.1	4.6	0.18	0.07	183	0.4	0.05	2.0	1.07	<0.1
1096950	Soil	8.6	18.9	0.23	123.7	0.003	3	1.37	0.002	0.14	<0.1	4.4	0.14	<0.02	39	0.3	0.04	3.5	1.13	<0.1
1097426	Soil	3.4	8.4	0.12	105.9	0.001	6	0.50	0.007	0.08	<0.1	1.9	0.10	0.13	145	0.3	0.03	1.1	2.70	<0.1
1097428	Soil	5.7	23.0	0.37	97.7	0.004	3	1.40	0.005	0.08	<0.1	5.2	0.21	0.06	105	0.5	0.05	3.4	8.46	<0.1
1097430	Soil	3.1	16.5	0.26	53.2	0.001	3	0.79	0.003	0.08	<0.1	4.3	0.09	0.03	50	0.2	0.03	2.0	2.93	<0.1
1097431	Soil	4.8	23.7	0.39	80.0	0.002	3	1.38	0.004	0.08	<0.1	5.3	0.13	0.04	58	0.2	0.04	3.7	6.56	<0.1
1097432	Soil	12.8	20.7	0.24	185.8	0.002	2	1.31	0.003	0.06	<0.1	8.1	0.12	0.04	70	0.3	0.03	2.7	2.55	<0.1
1097805	Soil	12.9	26.4	0.46	125.9	0.008	3	1.68	0.002	0.08	0.1	3.7	0.16	0.03	50	0.3	0.05	4.7	0.81	<0.1
1097806	Soil	13.3	22.6	1.37	163.4	0.006	4	1.60	0.005	0.07	<0.1	4.2	0.05	0.03	54	0.3	0.05	4.2	0.77	<0.1
1097807	Soil	17.9	25.4	1.22	164.4	0.007	5	2.11	0.004	0.05	<0.1	3.9	0.16	0.05	244	0.4	0.05	5.2	0.89	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10
1097773	Soil	0.13	6.8	0.6	<0.05	1.3	6.37	12.6	0.02	<1	0.5	14.7	<10
1097774	Soil	0.16	8.0	2.2	<0.05	1.1	6.21	9.6	0.02	<1	0.6	9.7	<10
1097775	Soil	0.15	6.8	3.9	<0.05	1.0	5.53	8.8	<0.02	<1	0.6	8.6	<10
1097776	Soil	0.10	6.8	0.8	<0.05	1.5	6.54	13.3	0.03	<1	0.6	14.3	<10
1097777	Soil	0.16	8.2	2.3	<0.05	1.6	12.45	20.1	0.04	<1	0.9	22.1	<10
1097778	Soil	0.23	6.3	1.8	<0.05	0.9	8.46	17.5	0.02	<1	0.6	14.0	<10
1097779	Soil	0.16	6.8	1.6	<0.05	1.6	13.23	22.6	0.03	<1	0.8	21.1	<10
1097780	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.
1097781	Soil	0.20	8.4	1.4	<0.05	1.2	6.42	12.4	<0.02	<1	0.7	11.1	<10
1097782	Soil	0.11	6.0	2.0	<0.05	1.6	9.69	14.4	<0.02	<1	0.7	16.8	<10
1097783	Soil	0.30	8.4	2.7	<0.05	1.6	11.84	24.4	0.04	<1	1.0	18.1	<10
1097784	Soil	0.18	6.7	1.0	<0.05	1.0	7.09	15.0	<0.02	<1	0.7	11.5	<10
1097785	Soil	0.16	9.3	1.4	<0.05	2.0	7.75	15.3	0.02	<1	0.7	16.9	<10
1097786	Soil	0.28	9.0	1.5	<0.05	2.1	12.10	22.9	0.04	<1	1.2	17.6	<10
1097787	Soil	0.27	10.4	4.5	<0.05	1.4	9.46	19.4	0.04	<1	1.2	22.8	<10
1096944	Soil	<0.02	0.6	1.5	<0.05	0.3	5.06	4.4	<0.02	<1	0.3	1.8	<10
1096945	Soil	0.19	4.0	1.9	<0.05	1.2	11.90	16.8	<0.02	<1	0.4	5.7	<10
1096946	Soil	0.13	4.3	2.1	<0.05	0.9	11.84	15.9	<0.02	<1	0.5	4.8	<10
1096947	Soil	0.12	4.6	2.3	<0.05	1.3	16.38	24.3	<0.02	<1	0.7	4.7	<10
1096948	Soil	0.36	10.1	1.0	<0.05	3.1	13.09	29.6	0.03	<1	1.1	14.6	<10
1096949	Soil	0.19	7.3	1.2	<0.05	3.8	16.22	24.0	0.04	<1	1.3	5.2	<10
1096950	Soil	0.37	13.3	0.6	<0.05	1.7	6.15	35.5	0.05	<1	1.6	16.3	<10
1097426	Soil	0.12	5.8	1.4	<0.05	1.6	9.25	9.2	0.04	1	0.8	8.3	<10
1097428	Soil	0.12	11.1	1.4	<0.05	1.2	21.22	20.1	0.04	<1	1.5	38.8	<10
1097430	Soil	0.06	6.0	1.8	<0.05	1.6	12.51	9.8	0.03	<1	0.9	23.8	<10
1097431	Soil	0.08	8.9	1.3	<0.05	2.4	20.94	14.5	0.04	<1	1.3	57.9	<10
1097432	Soil	0.16	7.7	3.8	<0.05	2.3	36.50	39.0	0.04	<1	1.5	32.4	<10
1097805	Soil	0.66	9.6	0.8	<0.05	1.6	8.72	27.6	0.03	<1	1.1	14.4	<10
1097806	Soil	0.56	9.2	1.5	<0.05	2.7	12.18	29.1	0.03	<1	1.2	13.8	<10
1097807	Soil	0.51	7.3	0.7	<0.05	2.5	16.33	37.4	0.04	1	1.3	15.7	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1097808	Soil	0.70	8.99	32.65	60.6	59	8.4	5.1	4169	3.85	11.0	1.0	0.4	0.4	33.6	0.35	1.22	0.11	14	10.12
1097809	Soil	0.54	19.16	57.63	185.9	364	16.5	7.0	2231	5.08	38.5	2.0	4.7	1.1	34.0	0.67	3.74	0.15	12	10.29
1097810	Soil	0.69	16.04	42.94	184.8	76	23.1	11.6	6364	12.20	36.2	0.8	0.2	4.5	19.3	0.96	1.28	0.28	40	2.42
1097811	Soil	0.72	14.30	35.14	126.7	120	21.0	9.5	5726	9.14	21.5	1.3	0.5	3.4	15.1	0.55	1.35	0.24	38	4.04
1097812	Soil	0.76	14.69	34.87	105.2	89	19.9	10.0	4093	6.33	19.7	1.1	0.6	3.5	15.2	0.45	1.26	0.26	31	3.00
1097813	Soil	1.26	19.89	44.91	249.7	176	26.2	9.0	1606	4.41	54.0	2.0	7.0	2.8	26.3	0.41	4.97	0.29	24	6.16
1097814	Soil	0.64	22.20	34.04	99.8	120	27.8	13.1	610	3.86	15.3	1.0	0.5	5.3	27.2	0.08	0.79	0.33	25	0.45
1097815	Soil	0.69	19.66	29.57	109.7	136	23.6	12.8	1359	4.14	10.9	0.8	0.7	3.9	19.3	0.29	0.60	0.30	28	0.60
1097816	Soil	0.59	11.40	30.55	94.1	51	18.0	9.1	928	3.77	13.5	1.0	0.2	3.1	27.8	0.24	0.74	0.28	34	0.68
1097817	Soil	0.58	17.00	41.97	119.2	86	21.2	11.1	4440	7.94	34.1	0.8	1.9	3.2	27.0	0.38	1.62	0.29	30	1.88
1097818	Soil	0.77	25.02	27.80	70.7	89	24.6	12.6	1441	3.63	9.3	0.7	<0.2	3.4	45.3	0.35	0.53	0.29	32	0.66
1097819	Soil	0.49	27.49	30.69	76.1	50	27.4	14.4	1345	4.61	13.7	0.8	0.6	4.4	8.4	0.09	0.60	0.32	22	0.21
1097820	Soil	0.55	19.33	40.43	89.3	52	24.3	10.9	1044	4.07	19.8	0.8	1.0	3.9	22.2	0.14	1.04	0.32	21	0.63
1097821	Soil	0.47	33.03	28.95	79.1	110	30.9	14.6	736	3.80	11.9	0.6	1.4	4.1	28.6	0.06	0.43	0.33	19	1.07
1097822	Soil	0.47	30.80	25.95	74.9	30	28.6	15.7	584	3.80	10.6	0.6	0.6	4.3	12.2	0.06	0.33	0.33	22	0.17
1097823	Soil	0.39	29.20	38.32	78.4	100	29.4	14.4	731	3.51	14.3	0.5	4.6	3.6	32.0	0.11	1.04	0.32	16	1.36
1096783	Soil	0.56	10.54	25.03	35.6	226	11.4	7.0	1546	2.66	12.1	0.6	5.3	1.0	45.5	0.16	1.12	0.13	20	11.31
1096784	Soil	0.17	1.57	5.53	3.9	41	1.2	1.4	892	0.85	8.0	0.8	0.3	0.1	77.9	0.09	0.44	<0.02	<2	18.63
1096785	Soil	0.65	16.18	26.26	50.2	244	17.6	9.0	1943	3.57	22.7	1.4	6.2	1.1	34.3	0.25	2.15	0.17	18	10.43
1096786	Soil	0.82	15.67	28.19	68.7	197	19.8	8.7	3252	5.68	25.9	1.4	7.1	1.4	24.8	0.29	2.09	0.20	32	7.26
1096787	Soil	0.72	16.31	31.10	90.8	158	21.5	8.4	3650	7.03	39.8	1.5	5.1	1.9	10.8	0.24	1.92	0.22	22	1.37
1096788	Soil	0.54	13.52	43.85	212.7	128	20.0	7.5	2206	5.07	34.6	0.9	2.5	1.8	23.3	0.37	1.87	0.23	24	4.43
1096789	Soil	0.51	16.16	23.84	63.7	117	20.9	9.9	645	3.65	6.4	1.5	0.3	2.2	56.6	0.14	0.27	0.29	21	1.02
1096790	Soil	0.63	23.82	32.93	85.2	73	27.7	11.5	415	3.64	8.4	1.0	<0.2	4.3	43.1	0.07	0.35	0.37	18	0.70
1096791	Soil	0.62	17.21	32.83	74.0	134	25.9	11.4	621	3.65	11.4	0.8	0.8	3.9	48.4	0.17	0.55	0.32	25	1.35
1096792	Soil	0.58	20.84	23.66	63.1	55	24.6	11.4	423	3.13	8.0	0.8	1.1	3.0	45.4	0.19	0.39	0.28	20	0.63
1096793	Soil	0.64	22.53	27.03	69.6	49	23.3	12.0	352	3.67	8.6	0.4	<0.2	2.7	20.9	0.10	0.36	0.30	20	0.21
1096794	Soil	0.52	28.84	45.15	61.4	176	23.6	10.2	350	3.17	10.1	2.6	2.2	1.9	78.4	0.08	0.38	0.37	15	0.89
1096795	Soil	0.52	21.14	19.54	49.0	170	19.8	10.3	461	2.56	7.2	1.2	1.9	1.1	149.8	0.13	0.31	0.23	13	2.61
1097501	Soil	0.71	11.83	23.74	59.1	45	19.1	9.9	1111	3.51	10.7	0.9	1.0	4.1	8.8	0.14	0.71	0.28	37	0.32



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1097808	Soil	7.5	11.8	4.59	162.1	0.005	7	0.95	0.010	0.05	<0.1	1.0	0.11	0.03	44	0.4	<0.02	2.1	0.47	<0.1
1097809	Soil	6.9	12.0	4.55	71.4	0.004	8	0.71	0.008	0.07	<0.1	1.7	0.20	0.02	687	0.5	0.08	1.7	0.41	<0.1
1097810	Soil	23.6	27.6	1.16	239.6	0.007	9	2.19	0.005	0.13	<0.1	4.9	0.16	0.03	56	0.3	0.09	5.6	0.74	<0.1
1097811	Soil	22.8	26.6	2.24	202.1	0.005	7	2.13	0.005	0.07	<0.1	4.0	0.14	0.04	75	0.6	0.04	5.3	0.81	<0.1
1097812	Soil	17.8	22.2	1.73	170.1	0.004	6	1.66	0.004	0.08	<0.1	4.4	0.13	0.03	58	0.3	0.05	4.0	0.75	<0.1
1097813	Soil	10.3	26.4	2.88	121.2	0.003	6	1.07	0.006	0.08	<0.1	3.4	0.20	<0.02	293	0.6	0.09	2.7	0.58	<0.1
1097814	Soil	15.3	21.4	0.35	89.9	0.003	4	1.38	0.002	0.10	<0.1	5.7	0.14	<0.02	135	0.3	0.03	3.6	1.07	<0.1
1097815	Soil	9.2	22.5	0.39	123.8	0.003	4	1.45	0.003	0.10	<0.1	4.0	0.13	<0.02	176	0.3	0.03	4.0	0.92	<0.1
1097816	Soil	9.6	21.8	0.29	220.1	0.004	3	1.57	0.002	0.07	<0.1	3.5	0.13	<0.02	37	0.2	0.03	4.4	0.92	<0.1
1097817	Soil	15.4	22.6	0.99	221.1	0.004	6	1.83	0.004	0.12	<0.1	3.9	0.19	0.03	90	0.3	0.04	4.7	0.71	<0.1
1097818	Soil	8.7	22.4	0.27	265.0	0.007	4	1.48	0.004	0.10	<0.1	3.0	0.13	<0.02	42	0.2	0.05	4.6	1.35	<0.1
1097819	Soil	10.0	21.9	0.36	69.4	0.001	3	1.64	0.001	0.15	<0.1	5.4	0.12	<0.02	113	0.2	0.05	4.0	0.80	<0.1
1097820	Soil	9.4	16.1	0.33	180.8	0.001	4	1.29	0.002	0.10	<0.1	4.2	0.13	<0.02	208	0.3	0.02	3.3	0.82	<0.1
1097821	Soil	6.7	21.2	0.80	106.5	0.001	5	1.45	0.003	0.14	<0.1	4.9	0.10	<0.02	89	0.3	0.04	3.9	1.07	<0.1
1097822	Soil	6.4	22.5	0.52	65.7	0.001	3	1.70	<0.001	0.11	<0.1	5.4	0.10	<0.02	58	0.2	0.05	4.6	1.15	<0.1
1097823	Soil	7.6	17.4	0.74	95.1	0.001	4	1.22	0.003	0.14	<0.1	4.9	0.11	0.03	156	0.2	0.03	3.2	0.74	<0.1
1096783	Soil	9.0	14.0	5.63	62.5	0.004	3	0.92	0.010	0.03	<0.1	2.3	0.07	<0.02	242	0.4	<0.02	2.1	0.38	<0.1
1096784	Soil	1.6	2.2	9.16	35.3	0.001	3	0.09	0.009	0.01	<0.1	0.3	0.03	<0.02	25	0.5	<0.02	0.3	0.07	<0.1
1096785	Soil	10.0	13.7	4.75	79.1	0.005	4	0.87	0.008	0.06	<0.1	2.0	0.12	0.02	231	0.4	0.03	2.0	0.39	<0.1
1096786	Soil	14.9	22.1	3.61	132.1	0.011	4	1.40	0.007	0.06	0.1	2.5	0.14	0.03	185	0.6	0.05	3.3	0.59	<0.1
1096787	Soil	12.0	19.2	0.66	108.3	0.004	4	1.15	0.003	0.07	<0.1	2.6	0.13	0.07	194	0.6	0.03	2.8	0.45	<0.1
1096788	Soil	10.9	19.6	2.12	100.4	0.003	5	1.23	0.003	0.08	<0.1	2.8	0.12	0.06	135	0.5	0.06	2.9	0.58	<0.1
1096789	Soil	13.2	16.0	0.16	186.0	0.003	4	1.20	0.003	0.13	<0.1	3.6	0.10	0.05	44	0.3	0.03	3.0	1.11	<0.1
1096790	Soil	15.6	15.8	0.22	96.9	0.001	3	1.07	0.003	0.09	<0.1	5.5	0.13	0.03	47	0.3	0.03	2.5	0.81	<0.1
1096791	Soil	16.0	16.9	0.44	131.2	0.003	3	1.03	0.003	0.11	<0.1	4.8	0.11	0.02	174	0.3	<0.02	3.0	0.76	<0.1
1096792	Soil	5.9	18.8	0.31	107.7	0.003	4	1.14	0.003	0.09	<0.1	3.7	0.10	0.03	68	0.3	0.04	3.4	1.28	<0.1
1096793	Soil	4.3	14.8	0.19	77.6	0.002	2	1.01	0.002	0.10	<0.1	2.5	0.10	<0.02	26	0.2	0.03	3.0	0.87	<0.1
1096794	Soil	5.9	18.1	0.22	201.3	<0.001	2	1.15	0.005	0.08	<0.1	3.2	0.11	0.05	128	0.2	0.03	2.7	1.40	<0.1
1096795	Soil	5.2	14.2	0.24	94.6	0.001	4	0.79	0.004	0.05	<0.1	2.3	0.06	0.10	90	0.4	0.05	2.0	0.81	<0.1
1097501	Soil	11.1	22.9	0.38	104.0	0.004	2	1.43	0.003	0.06	0.1	3.6	0.11	<0.02	51	0.1	0.05	3.9	0.67	<0.1



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1097808	Soil	0.18	5.2	3.6	<0.05	0.7	8.09	15.4	<0.02	<1	1.0	5.2	<10
1097809	Soil	0.13	5.2	1.0	<0.05	1.0	12.11	15.3	<0.02	<1	0.4	5.0	<10
1097810	Soil	0.54	11.5	2.3	<0.05	3.5	19.35	44.8	0.05	<1	1.0	17.8	<10
1097811	Soil	0.39	9.3	0.9	<0.05	2.3	18.59	44.0	0.04	<1	1.0	15.8	<10
1097812	Soil	0.38	10.2	1.7	<0.05	2.7	18.83	35.9	0.03	<1	0.9	16.0	<10
1097813	Soil	0.27	10.3	3.0	<0.05	1.9	13.59	23.7	0.03	<1	0.6	9.3	<10
1097814	Soil	0.25	9.2	1.2	<0.05	1.8	16.80	29.9	0.03	<1	1.1	22.7	<10
1097815	Soil	0.33	10.3	1.2	<0.05	1.8	8.01	26.2	0.04	<1	1.1	22.0	<10
1097816	Soil	0.43	8.9	0.9	<0.05	1.3	5.74	24.5	0.03	<1	1.1	16.4	<10
1097817	Soil	0.38	9.2	2.7	<0.05	2.3	12.17	30.0	0.03	<1	0.9	17.0	<10
1097818	Soil	0.65	12.4	1.4	<0.05	2.0	4.69	25.5	0.04	<1	1.0	21.3	<10
1097819	Soil	0.12	11.7	1.7	<0.05	2.2	14.36	26.4	0.04	<1	1.4	30.1	<10
1097820	Soil	0.15	7.5	0.6	<0.05	2.0	10.23	24.3	0.04	<1	1.4	12.4	<10
1097821	Soil	0.12	8.4	1.0	<0.05	2.5	11.29	16.1	0.04	<1	1.1	36.3	<10
1097822	Soil	0.13	9.2	0.7	<0.05	2.0	9.00	18.2	0.04	<1	1.2	41.5	<10
1097823	Soil	0.13	7.8	0.7	<0.05	2.6	10.77	18.6	0.04	<1	1.0	24.0	<10
1096783	Soil	0.16	3.9	1.5	<0.05	1.1	8.46	17.1	0.02	<1	0.6	7.0	<10
1096784	Soil	0.02	0.7	2.2	<0.05	0.8	4.40	3.5	<0.02	<1	0.3	1.2	<10
1096785	Soil	0.19	4.2	0.9	<0.05	1.0	10.81	18.6	<0.02	<1	0.5	7.3	<10
1096786	Soil	0.30	6.1	2.4	<0.05	1.0	15.12	27.1	<0.02	<1	0.6	9.2	<10
1096787	Soil	0.20	5.1	0.5	<0.05	2.1	16.45	23.9	0.03	<1	0.8	9.0	<10
1096788	Soil	0.22	6.4	1.2	<0.05	2.2	12.17	22.4	0.03	<1	0.9	8.6	<10
1096789	Soil	0.33	11.5	0.6	<0.05	1.1	11.74	37.3	0.03	<1	1.0	11.3	<10
1096790	Soil	0.21	7.0	1.3	<0.05	1.5	16.59	41.1	0.04	<1	1.2	16.6	<10
1096791	Soil	0.31	7.6	0.6	<0.05	1.4	12.36	32.6	0.03	<1	1.0	10.8	<10
1096792	Soil	0.35	8.8	1.6	<0.05	1.5	6.53	17.9	0.03	<1	0.9	22.9	<10
1096793	Soil	0.16	12.9	0.6	<0.05	1.0	2.94	10.6	0.04	<1	0.7	22.9	<10
1096794	Soil	0.20	6.5	3.0	<0.05	2.0	11.17	14.8	0.05	<1	1.1	29.7	<10
1096795	Soil	0.19	4.3	0.5	<0.05	1.2	10.72	16.3	0.03	<1	0.7	20.1	<10
1097501	Soil	0.39	6.5	0.8	<0.05	1.9	8.22	25.9	0.03	<1	0.8	14.0	<10



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	Method Analyte	Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
			ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
			0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
1097502	Soil		0.68	12.59	19.75	53.7	120	17.4	8.6	2007	4.11	9.6	0.7	0.7	1.7	22.1	0.22	0.50	0.21	24
1097503	Soil		0.47	20.03	24.31	73.2	42	20.2	10.5	454	3.33	10.3	0.4	0.4	2.4	15.2	0.12	0.44	0.29	20
1097504	Soil		0.40	25.69	27.30	76.0	113	26.3	12.2	398	3.61	8.3	0.9	0.8	4.4	25.1	0.05	0.31	0.31	17
1097505	Soil		0.56	18.98	39.45	58.4	186	22.6	9.3	1394	4.30	17.2	0.9	2.4	2.9	48.0	0.07	1.11	0.25	15
1097506	Soil		0.54	20.69	24.90	69.7	50	20.5	10.7	517	3.35	8.9	0.4	<0.2	2.1	13.8	0.06	0.36	0.30	18
1097507	Soil		0.41	24.30	16.93	54.5	138	25.8	8.6	284	2.05	6.5	1.4	0.9	0.6	175.3	0.09	0.34	0.20	8
1097508	Soil		0.43	20.17	14.91	36.6	37	17.5	13.5	279	2.89	15.0	0.3	<0.2	1.3	3.4	0.04	0.49	0.41	15
1097509	Soil		0.49	17.80	32.65	50.5	122	19.1	11.7	1616	4.55	19.6	0.9	1.4	3.5	6.0	0.06	1.18	0.28	22
1097510	Soil		0.68	13.13	21.73	43.8	121	17.5	8.0	957	2.92	12.1	0.6	1.7	1.9	27.4	0.11	0.60	0.22	18
1097511	Soil		0.63	12.19	22.14	73.1	35	18.3	9.1	654	4.07	13.3	0.7	0.3	3.9	6.0	0.08	0.61	0.29	33
1097512	Soil		0.59	16.75	33.25	76.3	94	20.6	9.1	1318	4.48	16.7	1.2	0.8	3.1	10.2	0.22	0.90	0.33	29
1097513	Soil		0.40	16.15	26.31	60.5	153	18.7	9.6	987	2.98	13.6	0.9	2.0	2.0	38.3	0.18	0.55	0.22	12
1097514	Soil		0.52	19.29	36.85	86.6	86	23.9	10.3	724	3.79	12.3	1.0	1.0	3.2	40.2	0.23	0.55	0.33	17
1097515	Soil		0.43	20.12	24.38	80.2	119	20.9	8.0	447	2.87	11.0	0.8	1.3	1.8	47.5	0.19	0.55	0.25	15
1097516	Soil		0.58	14.42	53.35	338.7	244	16.4	9.9	4615	5.50	28.8	0.6	1.2	1.5	19.5	1.54	3.69	0.18	17
1097517	Soil		0.67	13.31	28.18	66.4	122	16.0	8.6	3520	4.14	12.2	0.8	0.6	1.6	13.3	0.29	0.84	0.21	23
1097518	Soil		0.75	15.42	31.81	60.9	81	19.7	14.0	3054	5.31	17.7	0.7	1.2	2.6	14.0	0.22	1.17	0.30	29
1097519	Soil		0.71	11.76	28.51	94.1	87	16.7	9.8	3003	4.42	14.5	0.8	0.6	1.5	20.4	0.45	0.95	0.22	31
1097520	Soil		0.60	18.18	13.12	35.2	33	15.8	11.6	285	2.93	15.8	0.2	0.3	1.0	3.8	0.06	0.47	0.38	20
1097521	Soil		0.72	12.57	16.43	48.1	15	14.7	6.8	168	2.68	12.2	0.4	<0.2	2.4	4.7	0.07	0.67	0.25	27
1097522	Soil		0.57	14.83	18.01	47.0	36	16.2	9.2	514	2.97	13.0	0.5	0.8	2.6	7.8	0.06	0.68	0.29	25
1097523	Soil		0.58	15.64	21.68	55.7	94	20.2	8.7	529	3.75	16.1	0.7	1.1	3.3	9.2	0.05	0.68	0.29	24
1097524	Soil		0.66	17.27	29.09	70.7	108	22.0	10.0	1320	4.07	22.3	0.9	2.7	3.3	14.9	0.10	0.99	0.29	23
1097525	Soil		0.67	19.04	30.76	66.7	85	24.0	11.7	963	3.79	25.1	0.7	2.5	3.7	12.1	0.12	0.95	0.34	25
1097526	Soil		0.76	16.22	21.98	76.7	76	19.8	9.9	1752	4.32	19.0	0.7	1.5	2.7	16.9	0.22	0.66	0.28	28
1097527	Soil		0.58	16.88	21.43	64.0	30	18.1	10.1	510	3.63	15.6	0.5	0.2	2.5	11.6	0.16	0.49	0.30	25
1097528	Soil		0.53	15.33	25.75	73.2	82	18.9	9.1	1224	3.84	13.7	0.7	0.5	3.1	23.5	0.20	0.56	0.27	27
1097529	Soil		0.42	18.04	24.74	66.1	108	17.8	8.6	706	2.80	14.0	0.8	1.6	1.8	57.6	0.14	0.56	0.22	11
1097530	Soil		0.42	16.47	25.81	79.3	69	17.9	7.3	556	3.13	9.5	0.8	0.5	2.1	48.5	0.29	0.44	0.25	17
1097531	Soil		0.47	15.48	26.66	70.4	97	18.9	8.9	883	3.65	12.9	0.9	1.0	3.0	23.0	0.19	0.62	0.26	19



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1097502	Soil	11.0	17.5	1.82	89.8	0.003	2	1.15	0.004	0.05	<0.1	2.5	0.08	0.04	57	0.3	0.02	2.4	0.52	<0.1
1097503	Soil	3.3	17.1	0.25	73.6	<0.001	1	1.20	0.001	0.08	<0.1	2.1	0.10	<0.02	64	0.1	0.04	3.0	0.51	<0.1
1097504	Soil	6.8	19.2	0.27	85.5	<0.001	1	1.31	0.001	0.08	<0.1	4.3	0.08	<0.02	74	0.1	0.04	3.1	0.58	<0.1
1097505	Soil	11.4	14.4	2.57	60.9	0.001	3	0.84	0.004	0.07	<0.1	4.2	0.09	0.02	209	0.3	0.03	1.7	0.64	<0.1
1097506	Soil	2.5	16.4	0.28	62.2	0.002	2	1.04	0.002	0.09	<0.1	2.0	0.06	<0.02	33	0.1	0.05	2.8	0.68	<0.1
1097507	Soil	2.9	10.1	0.18	174.3	0.001	4	0.64	0.006	0.05	<0.1	1.4	0.09	0.10	117	0.4	0.02	1.5	1.17	<0.1
1097508	Soil	2.9	6.3	0.09	33.3	0.001	<1	0.39	0.001	0.09	<0.1	2.2	0.04	<0.02	22	<0.1	0.08	1.5	0.51	<0.1
1097509	Soil	11.0	16.5	0.18	96.6	0.001	1	1.20	<0.001	0.07	<0.1	4.5	0.10	0.02	149	0.1	0.06	2.2	0.83	<0.1
1097510	Soil	6.2	16.1	2.64	83.1	0.003	1	0.87	0.005	0.05	<0.1	2.5	0.07	<0.02	71	0.2	0.02	2.1	0.69	<0.1
1097511	Soil	7.5	22.9	0.25	89.8	0.002	1	1.79	<0.001	0.06	<0.1	2.8	0.11	<0.02	36	<0.1	0.03	3.8	0.97	<0.1
1097512	Soil	10.2	21.0	0.47	131.2	0.002	1	1.46	0.001	0.06	<0.1	3.6	0.12	0.02	107	0.3	0.06	3.6	0.60	<0.1
1097513	Soil	8.0	12.2	2.48	63.6	0.002	3	0.74	0.005	0.05	<0.1	2.7	0.08	0.02	126	0.2	0.02	1.5	0.48	<0.1
1097514	Soil	11.0	15.1	0.23	95.0	0.001	2	0.96	0.002	0.08	<0.1	3.7	0.10	0.04	94	0.2	0.06	2.1	0.46	<0.1
1097515	Soil	6.7	13.5	0.88	69.2	0.002	2	0.80	0.005	0.06	<0.1	2.7	0.07	0.05	172	0.2	0.03	2.1	0.49	<0.1
1097516	Soil	11.0	12.8	3.22	138.4	0.002	3	0.79	0.006	0.04	<0.1	2.0	0.13	0.05	710	0.4	0.03	1.8	0.25	<0.1
1097517	Soil	8.7	18.1	1.96	103.1	0.003	2	1.34	0.004	0.04	<0.1	2.4	0.12	0.05	102	0.3	0.04	3.1	0.60	<0.1
1097518	Soil	18.3	20.3	1.16	202.6	0.003	2	1.29	0.003	0.08	0.2	4.6	0.13	0.05	123	0.3	0.05	3.2	0.54	<0.1
1097519	Soil	13.4	21.0	1.80	157.7	0.005	3	1.40	0.005	0.06	<0.1	2.4	0.11	0.06	109	0.3	0.04	3.4	0.63	<0.1
1097520	Soil	3.7	8.0	0.05	55.8	0.002	<1	0.35	0.001	0.09	<0.1	1.8	0.04	<0.02	25	0.1	0.06	1.9	0.53	<0.1
1097521	Soil	6.7	14.9	0.20	32.3	0.003	<1	0.92	0.001	0.06	<0.1	1.5	0.06	<0.02	20	0.2	0.04	3.1	0.63	<0.1
1097522	Soil	6.1	16.8	0.21	67.4	0.004	<1	0.87	0.002	0.10	<0.1	2.1	0.06	<0.02	33	0.1	0.05	2.9	0.90	<0.1
1097523	Soil	7.5	19.1	0.35	89.1	0.002	1	1.20	0.002	0.06	<0.1	3.9	0.10	<0.02	71	0.1	0.05	2.6	1.17	<0.1
1097524	Soil	10.1	18.5	0.69	104.5	0.002	1	1.13	0.002	0.07	<0.1	3.3	0.10	0.02	98	0.2	0.04	2.6	0.93	<0.1
1097525	Soil	7.0	19.8	0.55	84.8	0.004	1	1.13	0.003	0.09	<0.1	3.5	0.11	<0.02	110	0.2	0.05	2.9	1.09	<0.1
1097526	Soil	7.5	21.4	0.39	225.0	0.005	2	1.17	0.003	0.08	<0.1	3.0	0.10	0.03	47	0.2	0.04	3.4	1.17	<0.1
1097527	Soil	5.7	16.6	0.22	68.9	0.002	<1	1.17	0.002	0.09	<0.1	2.5	0.08	<0.02	28	0.1	0.03	3.4	0.58	<0.1
1097528	Soil	9.7	19.6	0.57	92.1	0.002	1	1.36	0.003	0.06	<0.1	3.5	0.10	0.02	76	0.2	0.05	3.5	0.47	<0.1
1097529	Soil	6.7	10.2	2.89	48.8	0.002	3	0.54	0.007	0.06	<0.1	2.7	0.08	0.02	127	0.3	0.04	1.3	0.72	<0.1
1097530	Soil	11.0	13.2	0.64	80.9	0.001	2	0.95	0.006	0.05	<0.1	3.0	0.09	0.05	93	0.3	<0.02	2.3	0.42	<0.1
1097531	Soil	9.7	15.0	1.08	90.7	0.002	1	0.97	0.003	0.06	<0.1	3.2	0.08	0.03	106	0.1	0.05	2.3	0.54	<0.1



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1097502	Soil	0.27	5.7	0.4	<0.05	1.4	9.65	22.3	0.03	<1	0.8	10.0	<10
1097503	Soil	0.13	6.5	0.4	<0.05	1.5	2.79	11.2	0.02	<1	0.7	21.1	<10
1097504	Soil	0.11	4.9	1.0	<0.05	2.6	10.34	20.9	0.03	<1	1.3	26.6	<10
1097505	Soil	0.13	4.8	0.5	<0.05	3.2	16.57	22.9	0.03	<1	0.9	12.1	<10
1097506	Soil	0.16	8.5	0.5	<0.05	1.1	2.07	8.6	0.03	<1	0.9	24.0	<10
1097507	Soil	0.15	5.0	0.7	<0.05	1.3	6.59	8.5	<0.02	<1	0.7	14.3	<10
1097508	Soil	0.12	5.5	0.4	<0.05	0.5	1.78	6.4	<0.02	<1	0.4	1.2	<10
1097509	Soil	0.18	5.4	0.5	<0.05	1.9	13.62	24.5	0.02	<1	1.3	5.4	<10
1097510	Soil	0.24	5.7	1.7	<0.05	1.6	7.17	13.4	0.03	<1	0.7	10.3	<10
1097511	Soil	0.46	8.6	0.7	<0.05	1.7	4.59	20.5	0.03	<1	1.0	19.1	<10
1097512	Soil	0.30	6.6	0.7	<0.05	2.8	9.33	18.8	0.03	<1	1.0	14.7	<10
1097513	Soil	0.13	4.5	0.8	<0.05	1.5	10.45	19.6	<0.02	<1	0.7	11.5	<10
1097514	Soil	0.24	5.3	0.5	<0.05	2.1	11.38	25.0	0.03	<1	0.9	11.8	<10
1097515	Soil	0.23	4.2	0.6	<0.05	2.1	9.55	13.8	0.02	<1	0.7	13.6	<10
1097516	Soil	0.13	4.2	0.6	<0.05	2.4	12.27	24.8	0.02	<1	0.4	4.4	<10
1097517	Soil	0.28	5.7	1.3	<0.05	2.4	9.00	20.2	0.02	<1	1.1	11.0	<10
1097518	Soil	0.29	6.0	0.7	<0.05	2.4	17.95	35.6	0.04	<1	1.2	9.6	<10
1097519	Soil	0.43	7.0	0.8	<0.05	2.0	10.76	29.7	0.03	<1	0.9	9.8	<10
1097520	Soil	0.17	5.2	0.8	<0.05	<0.1	1.32	7.8	0.03	<1	0.5	1.0	<10
1097521	Soil	0.31	7.2	0.8	<0.05	0.6	1.80	14.5	0.02	<1	0.6	15.2	<10
1097522	Soil	0.38	7.3	0.6	<0.05	0.7	2.63	13.4	0.02	<1	0.5	10.1	<10
1097523	Soil	0.33	7.0	0.6	<0.05	1.4	6.96	16.3	0.03	<1	1.0	14.4	<10
1097524	Soil	0.32	6.4	0.6	<0.05	2.3	9.56	21.4	0.04	<1	1.1	13.7	<10
1097525	Soil	0.36	7.7	0.9	<0.05	1.8	5.88	20.4	0.03	<1	0.9	15.0	<10
1097526	Soil	0.55	7.9	0.6	<0.05	1.6	5.14	25.2	0.03	<1	0.9	16.8	<10
1097527	Soil	0.25	7.9	0.7	<0.05	1.1	3.69	14.1	0.02	<1	0.8	14.8	<10
1097528	Soil	0.30	6.0	0.6	<0.05	2.4	9.70	23.0	0.03	<1	1.0	12.3	<10
1097529	Soil	0.13	3.8	1.3	<0.05	1.6	9.23	16.7	0.02	<1	0.7	12.0	<10
1097530	Soil	0.31	4.4	0.5	<0.05	1.9	11.57	24.5	0.03	<1	0.7	11.5	<10
1097531	Soil	0.26	6.2	0.6	<0.05	1.6	10.22	22.6	0.02	<1	0.8	13.0	<10



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	Method Analyte	Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
			ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
			0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
1097532	Soil		0.55	18.90	43.00	80.0	211	26.6	9.5	428	3.31	23.1	0.9	5.6	3.8	53.1	0.12	1.59	0.31	17
1097533	Soil		0.45	16.79	26.85	109.2	68	18.6	7.6	797	3.63	12.4	0.8	0.7	2.3	31.7	0.18	0.51	0.27	18
1097534	Soil		0.39	7.24	35.88	89.8	156	8.6	4.1	1939	2.36	10.7	0.8	0.6	0.4	27.1	0.30	1.11	0.07	8
1097535	Soil		1.00	14.61	35.97	95.0	83	19.5	9.5	1533	4.20	16.0	1.0	3.5	3.9	17.0	0.29	1.23	0.32	36
1097536	Soil		0.64	15.02	36.62	153.5	148	20.9	10.7	5881	8.87	35.7	1.2	3.3	2.1	23.7	0.77	2.44	0.26	32
1097537	Soil		0.72	13.29	40.64	278.3	120	19.4	10.0	5780	10.88	23.8	1.0	1.6	2.9	15.2	1.63	1.90	0.27	39
1097538	Soil		0.57	15.63	65.91	9790	398	13.9	6.1	1913	3.96	18.0	1.5	14.7	1.3	30.1	13.41	3.85	0.15	16
1097539	Soil		0.46	11.56	38.76	105.1	210	12.2	4.9	4997	8.79	34.1	1.7	24.4	1.2	23.9	0.32	2.70	0.13	16
1097540	Soil		0.68	15.46	22.47	91.8	75	22.5	10.3	688	3.63	10.5	1.0	0.8	3.6	9.0	0.13	0.73	0.28	27
1097541	Soil		0.70	17.44	31.57	319.3	208	19.5	8.0	1928	4.15	32.2	1.4	9.0	1.5	38.8	0.48	2.28	0.19	21
1097542	Soil		0.63	24.53	33.53	87.6	138	27.5	12.5	1654	5.88	24.3	1.2	2.5	6.9	17.6	0.11	0.91	0.40	26
1097543	Soil		0.68	13.21	31.42	91.0	51	19.9	9.3	700	3.50	14.4	0.6	0.9	3.3	10.5	0.12	0.86	0.25	26
1097544	Soil		0.56	14.12	30.31	67.9	91	20.1	9.1	3263	6.90	39.3	1.0	3.2	3.1	17.0	0.26	0.96	0.25	29
1097545	Soil		0.68	13.17	27.07	65.2	73	20.5	10.5	1229	3.91	12.8	0.6	0.8	3.7	23.2	0.12	0.64	0.27	28
1097546	Soil		0.23	10.45	20.93	19.1	132	9.5	4.7	2203	3.12	18.1	1.2	9.0	0.6	66.3	0.15	1.38	0.09	11
1097547	Soil		0.47	20.42	34.18	74.4	144	26.4	12.6	3931	7.49	25.6	0.9	5.1	4.3	22.9	0.23	1.33	0.31	36
1097548	Soil		0.56	28.02	35.05	83.2	95	28.8	13.5	913	4.07	14.5	1.0	1.2	4.5	42.9	0.17	0.58	0.33	23
1097549	Soil		0.68	20.37	25.54	77.0	82	24.8	11.8	1426	4.27	14.7	1.1	0.4	4.6	16.5	0.13	0.73	0.28	32
1097550	Soil		0.38	21.67	38.80	52.9	40	24.2	11.8	488	3.35	19.1	0.6	1.0	3.7	15.5	0.07	1.12	0.30	17
1096796	Soil		0.37	10.41	33.01	29.5	192	11.2	5.7	2528	2.28	31.2	1.2	2.6	0.7	68.2	0.10	3.03	0.09	14
1096797	Soil		0.56	11.63	93.95	2610	240	10.9	5.1	1780	2.75	25.4	1.0	14.0	1.0	80.1	6.46	2.95	0.10	14
1096798	Soil		0.60	15.58	46.08	43.4	227	20.4	9.7	2790	4.72	34.7	1.7	7.2	1.8	41.6	0.17	3.40	0.19	29
1096799	Soil		0.46	13.73	25.48	80.0	208	15.9	7.8	1242	2.98	11.7	0.7	1.4	2.0	45.7	0.26	0.81	0.17	19
1096800	Soil		0.29	6.70	11.68	16.7	145	7.9	3.2	943	1.76	6.2	0.6	0.2	1.2	56.7	0.06	0.31	0.08	10
1097801	Soil		0.57	13.82	27.78	67.8	47	17.5	8.7	1288	3.59	10.3	0.6	<0.2	3.5	20.6	0.29	0.63	0.24	31
1097802	Soil		0.78	17.98	27.28	82.7	40	25.0	12.3	774	4.14	17.7	1.0	0.9	4.3	26.0	0.20	0.75	0.31	36
1097803	Soil		0.42	18.71	32.18	86.0	87	22.1	9.5	700	3.52	10.8	1.0	1.8	2.9	44.0	0.22	0.50	0.28	19
1097804	Soil		0.36	14.49	27.64	85.2	64	17.4	8.6	522	3.26	11.0	0.8	0.4	2.8	31.0	0.15	0.48	0.26	22
1098508	Soil		0.27	10.11	41.84	61.9	111	10.2	5.8	1625	2.27	20.3	0.7	26.9	0.4	68.7	0.17	2.81	0.08	10
1098509	Soil		0.28	8.20	14.96	57.3	93	9.6	4.4	2848	2.83	15.3	0.6	0.9	0.2	37.5	0.74	0.74	0.08	18



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm 0.5	ppm 0.5	% 0.01	ppm 0.5	% 0.001	ppm 1	% 0.01	% 0.001	% 0.01	ppm 0.1	ppm 0.1	ppm 0.02	% 0.02	ppb 5	ppm 0.1	ppm 0.02	ppm 0.1	ppm 0.02	ppm 0.1
1097532	Soil	16.1	14.0	0.22	95.4	0.001	1	0.78	0.003	0.07	<0.1	4.5	0.08	0.04	160	0.3	0.04	1.8	0.41	<0.1
1097533	Soil	7.3	14.4	0.47	115.6	0.001	1	0.95	0.003	0.06	<0.1	3.1	0.08	0.03	73	0.2	0.05	2.3	0.35	<0.1
1097534	Soil	3.3	7.7	4.81	60.0	0.003	2	0.44	0.005	0.02	<0.1	0.6	0.70	<0.02	119	0.3	<0.02	0.9	0.22	<0.1
1097535	Soil	13.0	24.2	1.50	118.0	0.005	2	1.59	0.007	0.07	<0.1	4.6	0.15	0.02	69	0.3	0.05	4.0	0.87	<0.1
1097536	Soil	17.8	20.4	2.97	175.3	0.004	4	1.65	0.009	0.04	<0.1	3.4	0.15	0.07	149	0.7	0.06	3.5	0.50	<0.1
1097537	Soil	19.4	23.9	1.46	187.0	0.004	3	1.84	0.007	0.04	<0.1	3.8	0.13	0.06	137	0.4	0.02	4.3	0.53	<0.1
1097538	Soil	7.0	11.4	4.59	56.6	0.004	3	0.80	0.008	0.05	0.1	2.1	0.19	0.05	12708	0.8	<0.02	2.8	0.48	<0.1
1097539	Soil	13.8	11.3	4.43	111.7	0.002	3	0.86	0.009	0.05	<0.1	1.9	0.14	0.04	417	0.6	0.02	1.8	0.48	<0.1
1097540	Soil	9.9	20.3	0.35	94.0	0.005	2	1.28	0.005	0.10	<0.1	3.7	0.11	<0.02	114	0.2	<0.02	3.4	0.97	<0.1
1097541	Soil	8.3	15.5	3.93	83.7	0.005	3	1.04	0.009	0.06	<0.1	2.3	0.10	0.04	421	0.4	0.04	2.1	0.55	<0.1
1097542	Soil	17.6	21.9	0.69	85.7	0.002	3	1.36	0.005	0.09	<0.1	7.6	0.15	<0.02	205	0.3	0.02	3.5	0.99	<0.1
1097543	Soil	6.5	20.4	0.24	94.7	0.002	2	1.26	0.002	0.10	<0.1	2.8	0.12	<0.02	131	0.2	0.04	3.5	0.93	<0.1
1097544	Soil	13.1	21.1	1.49	116.2	0.002	3	1.40	0.004	0.10	<0.1	4.3	0.18	0.05	194	0.2	0.03	3.7	0.94	<0.1
1097545	Soil	9.7	22.0	0.63	103.7	0.005	4	1.35	0.003	0.15	<0.1	3.5	0.13	<0.02	71	0.1	<0.02	3.7	1.10	<0.1
1097546	Soil	5.2	8.2	7.29	62.2	0.002	5	0.45	0.010	0.07	<0.1	1.5	0.12	<0.02	236	0.3	<0.02	1.2	0.61	<0.1
1097547	Soil	18.2	26.1	0.90	163.6	0.003	4	1.82	0.003	0.13	<0.1	5.7	0.16	0.03	110	0.3	0.04	4.7	0.94	<0.1
1097548	Soil	11.6	24.1	0.88	107.1	0.003	6	1.46	0.004	0.16	<0.1	6.0	0.16	0.03	153	0.1	0.04	3.9	1.59	<0.1
1097549	Soil	14.2	26.3	0.58	111.5	0.005	4	1.63	0.004	0.13	<0.1	5.4	0.14	<0.02	101	0.2	0.05	4.4	1.22	<0.1
1097550	Soil	5.3	18.3	0.30	79.2	0.002	4	1.21	0.002	0.14	<0.1	4.3	0.10	<0.02	57	0.1	0.03	3.3	1.90	<0.1
1096796	Soil	4.9	10.4	7.31	60.1	0.002	3	0.39	0.008	0.03	<0.1	1.7	0.09	<0.02	361	0.2	0.03	1.1	0.29	<0.1
1096797	Soil	4.7	11.7	7.17	54.4	0.005	4	0.57	0.009	0.04	<0.1	1.8	0.23	<0.02	12773	0.4	0.02	1.6	0.55	<0.1
1096798	Soil	9.2	20.1	4.58	95.7	0.003	4	1.06	0.006	0.08	<0.1	3.7	0.17	0.03	244	0.3	0.05	2.7	0.72	<0.1
1096799	Soil	8.1	15.0	3.74	72.0	0.003	4	0.98	0.007	0.09	<0.1	3.6	0.12	0.03	356	0.2	<0.02	2.3	0.78	<0.1
1096800	Soil	6.3	8.7	8.03	47.3	0.002	3	0.56	0.012	0.06	<0.1	2.3	0.06	<0.02	94	0.1	<0.02	1.2	0.64	<0.1
1097801	Soil	10.8	19.5	0.50	131.2	0.008	3	1.33	0.004	0.10	<0.1	3.2	0.16	<0.02	102	<0.1	0.03	3.9	1.34	<0.1
1097802	Soil	9.9	28.6	0.37	99.8	0.005	2	1.70	0.003	0.08	0.1	3.7	0.15	<0.02	71	0.1	0.06	4.7	1.62	<0.1
1097803	Soil	11.5	16.7	0.57	106.1	0.002	4	1.19	0.003	0.08	<0.1	4.2	0.13	0.04	163	0.1	0.03	3.0	0.85	<0.1
1097804	Soil	8.1	17.1	0.43	100.1	0.002	3	1.23	0.003	0.08	<0.1	3.3	0.12	0.02	74	0.1	0.03	3.3	0.97	<0.1
1098508	Soil	3.8	7.3	7.85	48.1	0.003	4	0.29	0.012	0.04	<0.1	1.2	0.28	<0.02	232	0.2	<0.02	0.7	0.34	<0.1
1098509	Soil	7.5	10.9	5.75	97.7	0.005	3	0.72	0.010	0.03	<0.1	0.9	0.07	0.05	129	0.5	0.03	1.5	0.36	<0.1



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10
1097532	Soil	0.27	3.6	0.5	<0.05	2.5	15.22	38.1	0.03	<1	0.9	7.3	<10
1097533	Soil	0.22	5.7	0.6	<0.05	1.5	7.44	17.1	0.03	<1	0.9	12.9	<10
1097534	Soil	0.07	2.5	0.4	<0.05	0.6	4.71	7.5	<0.02	<1	0.5	3.6	<10
1097535	Soil	0.54	9.3	0.9	<0.05	2.7	13.47	25.9	0.07	<1	1.1	13.9	<10
1097536	Soil	0.27	5.1	0.8	<0.05	2.9	17.91	32.6	0.03	<1	0.8	8.0	<10
1097537	Soil	0.42	5.2	1.1	<0.05	2.8	18.99	38.1	0.04	<1	0.9	10.0	<10
1097538	Soil	0.15	4.2	0.8	<0.05	1.2	8.70	14.2	0.02	<1	0.3	6.2	<10
1097539	Soil	0.12	5.4	2.5	<0.05	1.4	16.99	27.2	<0.02	<1	0.4	5.7	<10
1097540	Soil	0.31	11.7	0.7	<0.05	1.8	7.94	22.8	0.03	<1	0.9	17.9	<10
1097541	Soil	0.19	4.9	1.1	<0.05	1.5	10.97	16.9	<0.02	1	0.5	9.0	<10
1097542	Soil	0.14	7.7	0.6	<0.05	3.1	28.06	28.0	0.04	<1	1.2	19.0	<10
1097543	Soil	0.26	13.4	1.2	<0.05	1.6	4.60	19.9	0.04	<1	0.9	17.6	<10
1097544	Soil	0.26	12.2	1.4	<0.05	1.9	14.64	28.5	0.04	<1	0.9	14.6	<10
1097545	Soil	0.41	15.9	1.0	<0.05	1.2	6.80	30.9	0.04	<1	1.1	19.5	<10
1097546	Soil	0.07	5.5	3.5	<0.05	0.8	8.11	10.8	0.02	<1	0.4	5.4	<10
1097547	Soil	0.26	11.2	0.7	<0.05	3.2	19.90	39.6	0.04	<1	1.1	20.8	<10
1097548	Soil	0.24	15.1	3.8	<0.05	2.2	15.99	28.1	0.04	<1	1.2	26.5	<10
1097549	Soil	0.36	11.4	0.9	<0.05	1.8	13.82	30.8	0.03	<1	1.1	23.3	<10
1097550	Soil	0.14	12.0	1.7	<0.05	2.2	5.80	18.7	0.04	<1	1.1	20.9	<10
1096796	Soil	0.04	3.7	0.5	<0.05	0.7	8.19	10.9	<0.02	<1	0.8	2.9	<10
1096797	Soil	0.13	4.2	2.6	<0.05	0.8	6.80	10.7	0.02	<1	0.7	6.1	<10
1096798	Soil	0.19	7.2	0.9	<0.05	2.2	13.71	19.6	0.03	<1	0.8	7.8	<10
1096799	Soil	0.18	8.1	2.3	<0.05	1.7	13.41	17.0	0.02	<1	0.8	11.8	<10
1096800	Soil	0.08	4.8	1.3	<0.05	0.7	12.03	8.5	<0.02	<1	0.5	5.8	<10
1097801	Soil	0.44	18.2	1.4	<0.05	1.1	6.32	26.2	0.03	<1	0.8	12.9	<10
1097802	Soil	0.59	14.3	1.1	<0.05	1.2	6.20	29.9	0.04	<1	1.2	24.3	<10
1097803	Soil	0.22	8.3	1.6	<0.05	1.4	12.89	28.4	0.04	<1	1.1	15.5	<10
1097804	Soil	0.30	10.2	0.7	<0.05	1.3	7.78	21.2	0.04	<1	0.8	14.9	<10
1098508	Soil	0.03	2.5	2.4	<0.05	0.7	5.21	8.3	<0.02	<1	0.4	2.2	<10
1098509	Soil	0.07	3.6	1.0	<0.05	0.4	8.40	15.1	<0.02	<1	0.6	3.3	<10



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Project:

Scarlet

Report Date:

September 22, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte	Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
			ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
			0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
1098510	Soil		0.28	5.08	14.80	29.5	48	4.9	2.2	1446	1.84	17.1	1.1	1.2	0.2	90.4	0.11	0.75	0.05	7
1098511	Soil		0.43	13.50	24.75	84.7	98	14.8	8.2	6913	8.81	15.3	1.1	0.7	1.1	17.1	0.75	1.22	0.17	32
1098512	Soil		0.50	18.81	30.73	60.7	101	24.3	11.4	654	2.84	8.8	0.6	<0.2	2.4	30.2	0.15	0.45	0.31	15
1098513	Soil		0.60	19.44	24.70	40.3	127	21.8	9.3	456	2.51	6.7	0.3	<0.2	1.2	14.3	0.23	0.24	0.30	12
1098514	Soil		0.50	23.12	25.51	97.8	63	24.3	10.1	232	4.00	5.6	0.2	<0.2	1.6	10.2	0.11	0.25	0.36	16
1098515	Soil		0.73	14.52	20.54	54.7	117	18.3	7.9	236	3.35	8.2	0.4	<0.2	2.2	13.0	0.04	0.29	0.27	30
1098516	Soil		0.63	24.64	32.86	76.5	248	29.3	11.7	258	3.74	12.1	0.6	<0.2	2.7	85.1	0.09	0.35	0.39	11
1098517	Soil		0.62	19.67	25.67	69.0	48	21.2	9.1	226	3.51	7.4	0.3	1.0	2.8	12.7	0.09	0.31	0.31	20
1098518	Soil		0.54	21.28	23.27	98.1	178	18.7	5.7	118	2.33	6.3	1.5	0.6	1.2	90.8	0.24	0.33	0.29	14
1098519	Soil		1.06	24.25	28.04	57.2	160	20.8	16.6	1529	3.08	7.0	0.4	1.6	2.5	81.1	0.24	0.38	0.33	23
1098520	Soil		0.51	23.97	21.18	63.1	102	23.4	10.8	374	2.91	9.0	0.8	1.5	2.8	60.3	0.12	0.45	0.29	18
1098521	Soil		0.35	10.20	21.83	37.6	125	8.2	5.0	2387	2.80	15.4	1.4	1.1	0.5	33.5	0.34	1.49	0.09	13
1098522	Soil		0.90	22.58	42.66	63.0	261	25.8	9.3	4966	7.08	60.8	2.9	13.0	1.6	40.2	0.39	4.78	0.23	23
1098523	Soil		0.87	18.92	47.93	100.9	120	27.6	13.4	4706	7.39	37.1	1.7	2.6	2.3	11.2	0.38	3.83	0.30	37
1098524	Soil		0.55	13.84	30.53	70.1	190	24.8	7.8	1533	3.26	43.1	1.8	11.0	1.8	47.6	0.14	3.22	0.22	18
1098525	Soil		0.46	18.24	30.61	83.9	320	22.0	5.8	284	2.16	11.8	0.9	0.6	2.5	27.0	0.10	0.36	0.26	11
1098526	Soil		0.70	15.93	20.25	62.5	34	21.3	10.0	284	3.20	9.5	0.4	<0.2	2.6	11.3	0.07	0.48	0.26	24
1098527	Soil		0.71	17.57	28.20	65.3	88	23.7	10.4	440	3.74	13.4	0.8	0.3	4.7	16.2	0.09	0.93	0.28	22
1098528	Soil		0.52	25.89	35.62	91.0	219	32.4	11.8	365	3.73	10.0	0.9	0.9	4.3	53.8	0.06	0.28	0.37	12
1098529	Soil		0.48	23.34	29.90	74.0	172	28.0	10.9	335	3.16	8.6	0.6	0.6	2.8	72.8	0.15	0.36	0.33	17
1098530	Soil		0.64	19.32	26.07	70.2	59	27.4	11.7	277	3.37	9.7	0.7	<0.2	3.5	21.5	0.05	0.36	0.28	20
1098531	Soil		0.66	17.47	46.91	56.7	190	15.8	9.8	2961	3.45	25.4	0.7	0.9	0.9	33.2	0.46	3.13	0.22	27
1098532	Soil		0.51	9.29	21.59	24.3	121	10.0	6.2	1919	2.13	19.0	0.9	3.3	0.5	66.5	0.23	2.22	0.10	14
1098533	Soil		0.74	10.93	16.90	56.2	113	12.9	7.4	1980	2.77	13.1	0.8	1.0	0.7	41.7	0.46	0.97	0.15	23
1098534	Soil		0.71	14.40	26.88	67.9	156	19.5	10.3	1472	3.55	15.7	0.8	1.6	1.5	19.2	0.41	1.07	0.26	33
1098535	Soil		0.51	18.00	28.61	71.0	173	19.1	8.6	795	3.30	11.7	0.7	0.7	1.9	12.4	0.19	0.76	0.28	22
1098536	Soil		0.47	17.83	29.04	65.9	61	19.9	11.1	1038	3.55	30.9	0.7	1.2	2.7	12.1	0.11	0.86	0.38	17
1098537	Soil		0.55	17.15	27.78	69.5	206	19.0	8.7	1648	3.55	13.4	1.1	1.3	1.3	18.4	0.23	0.86	0.27	25
1098538	Soil		0.41	18.34	23.61	73.2	154	15.4	6.7	647	2.43	9.1	1.2	<0.2	0.9	73.0	0.49	0.47	0.22	14
1098539	Soil		0.73	18.12	55.29	71.6	218	19.7	11.4	3641	4.60	24.9	0.7	0.8	2.3	31.3	0.28	2.61	0.26	30



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CERTIFICATE OF ANALYSIS

WHI11001189.1

	Method Analyte Unit MDL	1F15 La ppm 0.5	1F15 Cr ppm 0.5	1F15 Mg % 0.01	1F15 Ba ppm 0.5	1F15 Ti % 0.001	1F15 B ppm 1	1F15 Al % 0.01	1F15 Na % 0.001	1F15 K % 0.01	1F15 W ppm 0.1	1F15 Sc ppm 0.1	1F15 Ti ppm 0.02	1F15 S % 0.02	1F15 Hg ppb 5	1F15 Se ppm 0.1	1F15 Te ppm 0.02	1F15 Ga ppm 0.1	1F15 Cs ppm 0.02	1F15 Ge ppm 0.1	1F15 Hf ppm 0.02
1098510	Soil	2.3	4.7	8.62	59.1	0.003	4	0.25	0.010	0.03	<0.1	0.5	0.05	<0.02	57	0.3	<0.02	0.6	0.20	<0.1	0.03
1098511	Soil	15.7	19.4	2.51	178.4	0.006	4	1.40	0.009	0.05	<0.1	2.4	0.12	0.11	129	0.5	0.07	3.4	0.65	<0.1	0.05
1098512	Soil	8.9	11.8	0.23	120.9	0.003	3	0.74	0.003	0.15	<0.1	3.1	0.10	0.03	64	0.1	<0.02	2.4	2.03	<0.1	0.03
1098513	Soil	5.7	8.3	0.10	92.8	0.003	3	0.55	0.003	0.14	<0.1	2.2	0.09	0.03	26	0.2	0.02	1.8	1.26	<0.1	<0.02
1098514	Soil	3.1	13.8	0.20	92.5	0.002	2	0.84	0.003	0.12	<0.1	3.3	0.11	<0.02	22	0.1	0.04	3.5	2.61	<0.1	<0.02
1098515	Soil	5.5	22.6	0.32	76.8	0.003	2	1.41	0.003	0.08	<0.1	2.1	0.11	<0.02	21	<0.1	<0.02	4.6	1.60	<0.1	0.03
1098516	Soil	9.7	10.0	0.14	110.2	<0.001	3	0.77	0.004	0.06	<0.1	4.4	0.13	0.03	70	0.2	0.06	1.7	0.97	<0.1	0.03
1098517	Soil	4.0	17.0	0.21	66.4	0.002	2	1.01	0.003	0.08	<0.1	2.3	0.09	<0.02	64	0.1	0.02	3.5	1.84	<0.1	<0.02
1098518	Soil	5.2	13.8	0.25	87.5	0.003	5	0.92	0.009	0.08	<0.1	2.9	0.12	0.14	96	0.3	0.04	2.4	2.18	<0.1	0.04
1098519	Soil	6.8	19.8	0.24	204.2	0.003	3	1.34	0.005	0.13	<0.1	3.2	0.12	0.02	50	0.3	0.04	4.6	1.56	<0.1	0.03
1098520	Soil	5.3	18.4	0.30	91.8	0.003	3	1.09	0.003	0.09	<0.1	3.7	0.08	0.04	103	0.2	0.04	3.5	1.12	<0.1	0.05
1098521	Soil	6.8	11.1	6.00	87.9	0.004	5	0.59	0.010	0.04	<0.1	1.0	0.07	0.06	100	0.4	0.04	1.4	0.32	<0.1	0.03
1098522	Soil	15.3	20.7	3.30	169.5	0.006	4	1.29	0.006	0.06	<0.1	2.2	0.21	0.09	154	0.7	0.11	2.9	0.44	<0.1	0.10
1098523	Soil	17.5	25.3	0.50	159.8	0.006	2	1.54	0.003	0.06	0.1	4.4	0.17	0.06	194	0.4	0.06	3.9	0.62	<0.1	0.07
1098524	Soil	10.4	16.1	2.69	79.3	0.002	4	0.72	0.003	0.06	<0.1	3.7	0.23	0.03	753	0.4	0.04	1.8	0.53	<0.1	0.07
1098525	Soil	14.3	11.3	0.13	68.5	0.001	4	0.54	0.003	0.07	<0.1	3.7	0.11	0.05	1730	0.5	0.04	1.4	0.33	<0.1	0.05
1098526	Soil	5.7	19.6	0.28	65.8	0.003	2	1.18	0.002	0.09	<0.1	2.0	0.09	<0.02	43	0.2	0.02	3.4	1.21	<0.1	<0.02
1098527	Soil	8.1	17.8	0.22	79.7	0.002	3	1.22	0.002	0.11	<0.1	3.4	0.11	0.02	98	0.2	0.03	2.8	0.97	<0.1	0.02
1098528	Soil	15.6	11.6	0.16	118.1	<0.001	4	0.92	0.004	0.09	<0.1	6.0	0.17	0.04	220	0.4	<0.02	2.0	1.22	<0.1	0.06
1098529	Soil	5.1	18.5	0.29	126.2	0.002	3	1.16	0.006	0.10	<0.1	4.2	0.11	0.05	92	0.3	0.04	3.3	1.96	<0.1	0.05
1098530	Soil	5.8	19.9	0.27	115.0	0.002	1	1.34	0.002	0.09	<0.1	3.2	0.10	<0.02	40	0.2	0.04	3.3	2.00	<0.1	0.03
1098531	Soil	11.8	18.0	3.56	150.9	0.005	6	1.29	0.006	0.06	<0.1	2.0	0.11	0.10	151	0.5	0.06	2.9	0.46	<0.1	0.06
1098532	Soil	5.4	12.2	6.25	80.2	0.003	4	0.56	0.007	0.04	<0.1	1.2	0.11	0.03	99	0.3	<0.02	1.2	0.33	<0.1	0.03
1098533	Soil	8.8	16.8	4.68	121.2	0.010	3	1.00	0.008	0.04	<0.1	1.6	0.08	0.03	92	0.5	<0.02	2.1	0.58	<0.1	<0.02
1098534	Soil	13.0	23.2	0.99	113.7	0.009	1	1.28	0.004	0.06	0.1	2.7	0.11	0.05	159	0.3	0.04	3.3	0.80	0.1	0.03
1098535	Soil	9.2	17.4	0.49	152.0	0.002	3	1.26	0.003	0.07	<0.1	2.8	0.12	0.05	110	0.2	0.03	2.9	0.87	<0.1	0.05
1098536	Soil	5.9	13.8	0.26	69.6	0.003	3	0.75	0.003	0.13	<0.1	2.9	0.09	0.03	67	0.2	0.05	2.1	0.56	<0.1	0.03
1098537	Soil	11.8	19.1	0.41	112.7	0.006	3	1.27	0.003	0.09	<0.1	2.5	0.12	0.09	194	0.4	0.05	3.1	0.99	<0.1	0.04
1098538	Soil	6.4	12.3	0.66	150.4	0.004	4	0.72	0.007	0.06	<0.1	2.0	0.07	0.07	92	0.4	0.04	1.9	0.89	<0.1	0.03
1098539	Soil	12.0	22.8	2.91	178.2	0.004	7	1.65	0.005	0.11	<0.1	3.4	0.22	0.06	151	0.3	0.06	3.9	0.88	<0.1	0.11



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1098510	Soil	0.06	3.2	3.2	<0.05	0.5	5.37	5.6	<0.02	<1	0.3	1.8	<10
1098511	Soil	0.20	6.6	1.1	<0.05	1.3	21.31	34.5	0.02	<1	0.8	6.4	<10
1098512	Soil	0.29	13.0	3.1	<0.05	0.7	6.90	26.4	0.05	<1	0.9	6.3	<10
1098513	Soil	0.19	11.4	0.6	<0.05	0.3	2.68	14.1	0.02	<1	0.5	3.2	<10
1098514	Soil	0.15	13.1	2.2	<0.05	0.1	2.52	6.8	0.03	<1	0.6	18.7	<10
1098515	Soil	0.42	12.6	1.5	<0.05	0.9	2.64	12.2	0.02	<1	0.6	27.1	<10
1098516	Soil	0.10	6.6	0.4	<0.05	1.7	16.69	30.9	0.04	<1	1.0	9.9	<10
1098517	Soil	0.18	11.8	2.4	<0.05	1.0	2.81	9.9	0.04	<1	0.7	22.3	<10
1098518	Soil	0.29	11.5	0.5	<0.05	1.6	9.69	13.8	0.03	<1	0.8	17.4	<10
1098519	Soil	0.35	13.8	2.8	<0.05	1.1	4.94	17.1	0.05	<1	1.0	30.5	<10
1098520	Soil	0.32	8.8	0.6	<0.05	1.8	7.51	13.9	0.04	<1	0.9	28.9	<10
1098521	Soil	0.10	4.0	2.3	<0.05	0.9	9.67	13.6	<0.02	<1	0.3	3.5	<10
1098522	Soil	0.21	4.9	0.5	<0.05	2.7	19.84	28.2	<0.02	<1	0.8	6.7	<10
1098523	Soil	0.31	6.6	1.0	<0.05	1.6	19.71	33.8	0.04	<1	0.8	9.6	<10
1098524	Soil	0.12	4.6	0.6	<0.05	1.7	16.80	19.4	0.03	<1	0.7	5.7	<10
1098525	Soil	0.14	4.5	1.2	<0.05	1.4	15.54	34.0	0.03	<1	0.7	4.9	<10
1098526	Soil	0.27	11.0	1.1	<0.05	0.8	2.30	12.4	0.03	<1	0.6	25.9	<10
1098527	Soil	0.24	9.5	2.9	<0.05	1.1	6.65	31.6	0.03	<1	1.1	19.8	<10
1098528	Soil	0.08	8.2	0.7	<0.05	2.4	20.43	38.9	0.04	<1	1.2	10.6	<10
1098529	Soil	0.28	9.0	2.5	<0.05	2.0	7.75	14.1	0.03	<1	0.9	31.9	<10
1098530	Soil	0.22	9.4	0.8	<0.05	1.4	5.08	16.6	0.04	<1	0.9	37.8	<10
1098531	Soil	0.22	6.2	1.0	<0.05	1.5	11.73	26.4	0.03	<1	0.8	7.7	<10
1098532	Soil	0.08	4.0	2.4	<0.05	0.9	6.82	11.8	<0.02	<1	0.6	3.9	<10
1098533	Soil	0.31	5.7	1.4	<0.05	0.5	7.14	18.5	<0.02	<1	0.5	7.4	<10
1098534	Soil	0.35	7.5	1.3	<0.05	0.8	10.15	25.1	0.02	<1	0.8	12.0	<10
1098535	Soil	0.20	8.6	0.6	<0.05	1.5	9.39	18.5	0.02	<1	1.2	14.9	<10
1098536	Soil	0.21	8.2	1.0	<0.05	1.0	4.58	17.5	0.03	<1	0.6	10.3	<10
1098537	Soil	0.32	10.0	0.5	<0.05	1.2	11.21	23.4	0.03	<1	1.0	11.1	<10
1098538	Soil	0.31	7.9	1.9	<0.05	1.0	6.27	14.6	<0.02	<1	0.6	9.3	<10
1098539	Soil	0.28	11.3	0.9	<0.05	2.6	11.04	25.0	0.03	<1	1.3	13.7	<10



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Client: **Radius Gold Inc.**
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Vancouver BC V6C 2G8 Canada

Project: Scarlet
Report Date: September 22, 2011

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CERTIFICATE OF ANALYSIS

WHI11001189.1

	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
1098540	Soil	0.79	10.71	33.12	67.5	63	17.7	9.2	3336	5.15	13.5	0.9	<0.2	4.2	18.5	0.23	0.83	0.25	35	2.54
1098541	Soil	0.77	15.68	43.22	56.1	127	20.9	11.4	2891	4.21	18.9	0.9	0.3	3.6	29.0	0.25	1.55	0.29	31	4.84
1098542	Soil	0.62	15.83	29.64	81.0	184	17.5	9.7	1221	2.88	15.3	0.8	0.6	1.3	30.6	0.20	1.10	0.21	20	6.30
1098543	Soil	0.66	17.87	23.58	36.2	145	20.3	13.5	1496	2.95	72.3	0.5	<0.2	1.3	10.1	0.17	0.72	0.32	17	0.35
1098544	Soil	0.73	11.69	18.81	34.8	98	11.9	5.8	190	2.23	9.1	0.3	<0.2	1.4	6.5	0.09	0.39	0.25	25	0.08
1098545	Soil	0.63	13.40	25.42	58.8	22	17.0	9.0	501	3.80	15.6	0.6	<0.2	3.6	5.6	0.10	0.83	0.28	32	0.08
1098546	Soil	0.75	21.17	23.66	44.4	111	18.3	11.7	2436	3.10	9.1	0.5	0.4	2.4	10.4	0.20	0.45	0.30	32	0.36
1098547	Soil	0.45	27.27	17.97	45.5	180	22.3	8.5	426	2.61	16.9	1.8	1.0	0.8	70.1	0.15	0.61	0.25	18	2.21
1098548	Soil	0.53	24.44	28.35	56.2	216	23.5	12.6	952	3.33	18.5	0.7	2.1	2.5	45.1	0.09	0.70	0.27	15	2.81
1098549	Soil	0.68	19.05	28.61	74.3	30	24.5	12.3	907	3.80	16.5	0.9	<0.2	5.6	17.8	0.10	0.59	0.31	29	0.49
1098550	Soil	0.45	19.42	27.36	63.8	123	20.2	9.1	493	3.32	16.1	0.8	1.0	2.7	35.3	0.08	0.62	0.26	15	2.60
1098551	Soil	0.55	19.23	25.05	58.1	115	25.4	10.2	587	4.12	9.7	0.8	<0.2	2.8	32.2	0.09	0.33	0.30	22	0.80
1098552	Soil	0.54	15.77	31.56	74.5	79	23.2	10.4	1108	3.83	15.9	0.7	0.2	3.3	29.0	0.15	0.97	0.27	25	2.25
1098553	Soil	0.54	24.95	30.62	73.8	34	28.2	12.7	385	3.81	9.2	0.6	<0.2	4.8	33.5	0.06	0.29	0.30	18	0.35
1098554	Soil	0.68	31.48	40.08	101.2	184	33.6	17.0	527	3.97	9.9	0.7	0.7	3.6	113.4	0.20	0.38	0.38	14	2.71
1098555	Soil	0.52	23.80	23.67	61.4	60	24.2	11.2	495	3.13	9.9	1.3	4.0	2.0	56.7	0.13	0.40	0.35	19	0.88
1098556	Soil	0.54	11.51	38.58	69.9	132	12.2	6.8	4190	3.72	20.0	0.9	2.5	1.0	32.4	0.52	2.76	0.21	18	9.55
1098557	Soil	0.51	17.24	25.35	68.9	161	17.6	7.7	934	2.95	18.5	1.0	8.9	1.5	39.4	0.17	1.94	0.26	18	7.31
1098558	Soil	0.60	14.72	35.28	102.8	149	15.5	7.6	2633	3.91	16.6	1.1	0.8	1.2	20.7	0.39	1.35	0.22	23	6.30
1098559	Soil	0.63	19.88	30.36	70.1	123	22.7	10.7	1129	3.51	14.9	0.5	4.0	3.4	23.4	0.20	1.35	0.31	21	2.95
1098560	Soil	0.60	18.39	50.27	43.8	222	16.2	9.5	2929	5.34	24.7	0.8	6.1	2.3	27.3	0.21	2.66	0.29	24	4.22
1098561	Soil	0.70	19.10	33.39	73.2	94	23.7	11.2	2228	7.13	17.9	1.2	4.4	6.0	12.4	0.12	1.03	0.36	32	0.35
1098562	Soil	0.64	12.54	41.71	88.3	57	18.2	9.6	1798	5.02	15.7	0.6	<0.2	4.3	15.4	0.38	1.07	0.33	31	2.17
1098563	Soil	0.58	26.44	29.86	74.3	172	24.1	11.5	559	3.07	13.4	0.8	2.6	3.6	88.8	0.17	0.96	0.30	16	3.96
1098564	Soil	0.58	10.56	27.22	56.2	55	15.9	7.8	863	3.37	9.7	0.5	<0.2	2.8	14.1	0.13	0.55	0.27	25	0.24
1098565	Soil	0.50	22.42	30.49	81.3	150	25.3	12.1	622	3.60	12.6	0.9	1.2	4.9	42.0	0.12	0.52	0.36	18	0.79
1098566	Soil	0.63	28.00	32.29	90.2	203	30.1	11.8	225	3.68	12.7	0.7	0.8	3.4	48.1	0.08	0.38	0.38	12	0.60
1098567	Soil	0.76	11.86	9.43	22.7	29	13.3	7.0	138	2.96	38.7	0.4	0.4	1.3	4.1	0.09	0.73	0.35	15	0.06
1098568	Soil	0.70	19.32	28.16	50.5	64	20.3	13.5	1616	4.03	40.9	0.7	0.8	3.6	9.7	0.05	1.29	0.39	22	0.31
1098569	Soil	0.37	18.09	12.46	34.1	7	12.4	10.3	182	2.78	13.0	0.3	<0.2	1.8	4.4	0.03	0.43	0.36	15	0.12



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Project: Scarlet
Report Date: September 22, 2011

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CERTIFICATE OF ANALYSIS

WHI11001189.1

	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La ppm 0.5	Cr ppm 0.5	Mg % 0.01	Ba ppm 0.5	Ti % 0.001	B ppm 1	Al % 0.01	Na % 0.001	K % 0.01	W ppm 0.1	Sc ppm 0.1	Ti ppm 0.02	S % 0.02	Hg ppb 5	Se ppm 0.1	Te ppm 0.02	Ga ppm 0.1	Cs ppm 0.02	Ge ppm 0.1
1098540	Soil	20.1	23.0	1.48	184.8	0.005	3	1.62	0.004	0.08	<0.1	5.2	0.16	0.03	3547	0.2	0.05	4.2	0.84	<0.1
1098541	Soil	14.5	22.4	2.59	125.7	0.003	4	1.55	0.005	0.08	<0.1	4.5	0.16	0.03	184	0.3	0.04	3.8	0.84	<0.1
1098542	Soil	9.4	16.2	3.14	71.3	0.006	3	0.99	0.006	0.08	<0.1	2.5	0.11	0.04	191	0.3	0.02	2.2	0.90	<0.1
1098543	Soil	5.7	12.9	0.12	81.7	0.003	1	0.83	0.003	0.11	<0.1	3.2	0.13	0.03	121	0.2	0.04	2.3	1.53	<0.1
1098544	Soil	6.0	12.5	0.09	54.5	0.003	<1	0.71	0.002	0.10	<0.1	1.2	0.07	<0.02	31	0.2	0.03	3.2	0.66	<0.1
1098545	Soil	7.3	18.7	0.22	61.4	0.003	<1	1.35	0.001	0.07	<0.1	2.4	0.13	<0.02	52	0.2	0.05	3.7	1.43	<0.1
1098546	Soil	8.7	18.1	0.20	158.7	0.005	1	1.34	0.004	0.11	<0.1	2.5	0.11	0.02	41	0.2	0.05	4.3	1.74	<0.1
1098547	Soil	6.4	15.2	0.30	135.6	0.003	4	0.96	0.004	0.10	<0.1	2.2	0.10	0.08	176	0.6	0.03	2.6	1.51	<0.1
1098548	Soil	9.1	14.5	1.36	58.7	0.002	3	0.83	0.004	0.09	<0.1	4.2	0.11	0.04	204	0.2	0.03	2.2	1.13	<0.1
1098549	Soil	12.2	23.5	0.35	110.9	0.003	3	1.50	0.001	0.17	<0.1	4.6	0.14	<0.02	58	0.2	0.04	3.7	0.68	<0.1
1098550	Soil	8.7	14.2	1.03	77.4	0.001	2	0.82	0.003	0.07	<0.1	4.0	0.09	0.04	115	0.2	0.04	2.1	0.74	<0.1
1098551	Soil	13.8	17.2	0.18	180.9	0.002	3	1.16	0.002	0.12	<0.1	4.3	0.10	0.02	159	0.2	0.02	2.8	0.91	<0.1
1098552	Soil	7.7	19.5	1.18	114.4	0.002	3	1.18	0.004	0.11	<0.1	3.5	0.11	0.04	83	0.3	0.05	3.2	0.76	<0.1
1098553	Soil	8.6	18.2	0.22	71.7	<0.001	3	1.44	0.001	0.09	<0.1	4.2	0.13	<0.02	76	0.2	0.04	3.0	1.48	<0.1
1098554	Soil	5.9	15.6	0.63	95.6	0.001	4	0.85	0.005	0.10	<0.1	5.4	0.15	0.06	130	0.2	0.07	2.2	1.47	<0.1
1098555	Soil	9.2	17.9	0.27	110.2	0.002	3	1.21	0.003	0.06	<0.1	4.0	0.12	0.03	65	0.3	0.04	2.9	1.03	<0.1
1098556	Soil	8.8	14.9	5.01	111.8	0.004	5	1.04	0.006	0.04	<0.1	1.9	0.15	0.03	89	0.5	0.04	2.3	0.46	<0.1
1098557	Soil	6.1	16.1	4.03	62.1	0.005	4	0.87	0.006	0.06	<0.1	2.5	0.12	0.02	135	0.4	0.06	2.0	0.60	<0.1
1098558	Soil	9.8	18.4	3.51	107.9	0.004	5	1.36	0.005	0.05	<0.1	2.1	0.11	0.05	80	0.4	0.08	2.9	0.59	<0.1
1098559	Soil	8.0	18.8	1.77	92.8	0.002	5	1.12	0.004	0.11	<0.1	4.3	0.12	0.02	111	0.3	0.03	2.8	0.64	<0.1
1098560	Soil	12.2	19.3	1.97	124.4	0.003	7	1.39	0.006	0.11	<0.1	3.6	0.14	0.05	161	0.3	0.04	3.2	0.50	<0.1
1098561	Soil	19.7	24.8	0.41	111.3	0.004	2	1.66	0.003	0.12	<0.1	6.3	0.14	<0.02	90	0.3	0.04	3.9	0.63	<0.1
1098562	Soil	13.4	22.0	1.17	153.4	0.003	7	1.62	0.006	0.12	<0.1	3.9	0.14	<0.02	36	0.2	0.06	4.2	0.50	<0.1
1098563	Soil	8.3	15.4	1.54	66.9	0.002	5	1.01	0.005	0.10	<0.1	4.3	0.17	0.03	157	0.4	0.03	2.3	0.72	<0.1
1098564	Soil	7.7	19.1	0.31	113.9	0.002	2	1.39	0.002	0.10	<0.1	2.3	0.11	<0.02	33	0.2	0.04	3.9	0.77	<0.1
1098565	Soil	8.9	19.6	0.41	91.8	0.002	5	1.31	0.003	0.13	<0.1	5.4	0.10	<0.02	98	0.2	0.03	3.3	1.05	<0.1
1098566	Soil	6.5	13.9	0.22	146.5	<0.001	3	1.02	0.004	0.08	<0.1	5.0	0.16	0.03	119	0.3	0.05	2.0	0.82	<0.1
1098567	Soil	3.6	12.3	0.07	57.2	0.003	3	0.47	0.001	0.17	<0.1	3.1	0.08	<0.02	25	<0.1	0.04	2.1	2.29	<0.1
1098568	Soil	9.7	17.9	0.24	79.3	0.002	2	1.08	0.002	0.11	<0.1	5.6	0.13	0.02	64	0.2	0.02	2.5	0.55	<0.1
1098569	Soil	4.1	7.4	0.09	32.7	0.002	1	0.43	0.001	0.08	<0.1	2.1	0.05	<0.02	10	0.1	0.07	1.9	0.56	<0.1



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1098540	Soil	0.41	11.0	1.8	<0.05	1.9	17.67	39.8	0.03	<1	1.3	13.5	<10
1098541	Soil	0.26	9.1	1.2	<0.05	2.2	13.43	27.5	0.04	<1	1.4	14.9	<10
1098542	Soil	0.19	7.2	2.6	<0.05	0.9	9.18	19.7	0.02	<1	0.7	11.2	<10
1098543	Soil	0.18	10.1	1.4	<0.05	0.6	7.21	12.5	0.03	<1	0.8	6.0	<10
1098544	Soil	0.33	9.7	4.1	<0.05	0.2	1.54	12.2	<0.02	<1	0.2	6.6	<10
1098545	Soil	0.39	9.3	0.7	<0.05	1.1	2.65	18.7	0.03	<1	0.8	16.3	<10
1098546	Soil	0.59	12.1	2.8	<0.05	0.9	3.65	21.1	0.02	<1	0.6	11.1	<10
1098547	Soil	0.35	8.6	0.6	<0.05	1.1	7.87	13.1	0.03	<1	0.9	12.9	<10
1098548	Soil	0.13	6.6	1.2	<0.05	1.6	13.25	20.2	0.03	<1	0.9	13.0	<10
1098549	Soil	0.40	9.2	0.6	<0.05	2.6	9.75	35.4	0.03	<1	1.2	17.6	<10
1098550	Soil	0.15	6.4	1.5	<0.05	1.6	11.60	16.6	0.03	<1	1.0	14.4	<10
1098551	Soil	0.18	8.9	0.6	<0.05	1.2	12.45	32.8	0.04	<1	1.4	14.8	<10
1098552	Soil	0.26	8.0	1.0	<0.05	2.7	7.24	20.1	0.03	<1	0.9	17.5	<10
1098553	Soil	0.12	9.6	0.6	<0.05	1.5	9.07	32.8	0.04	<1	1.3	25.2	<10
1098554	Soil	0.15	6.3	4.9	<0.05	2.1	12.46	16.2	0.04	<1	0.8	20.7	<10
1098555	Soil	0.30	8.0	0.7	<0.05	1.1	13.59	24.9	0.05	<1	1.1	23.3	<10
1098556	Soil	0.18	6.1	2.8	<0.05	1.5	8.87	17.6	0.03	<1	1.3	6.8	<10
1098557	Soil	0.20	4.2	0.6	<0.05	1.4	8.44	12.2	0.03	<1	0.7	11.3	<10
1098558	Soil	0.24	5.7	2.1	<0.05	1.6	10.78	19.3	0.02	<1	0.8	11.0	<10
1098559	Soil	0.24	6.9	0.8	<0.05	2.4	10.24	18.7	0.02	<1	1.2	17.6	<10
1098560	Soil	0.30	7.4	2.9	<0.05	2.5	11.64	26.4	0.03	<1	1.1	11.7	<10
1098561	Soil	0.30	9.4	0.7	<0.05	2.7	21.28	31.8	0.04	<1	1.2	17.8	<10
1098562	Soil	0.41	9.1	2.3	<0.05	2.4	9.82	30.0	0.04	<1	1.0	17.6	<10
1098563	Soil	0.23	5.7	1.0	<0.05	2.3	12.55	17.7	0.03	<1	0.9	18.9	<10
1098564	Soil	0.26	13.6	3.1	<0.05	1.4	4.17	15.7	0.03	<1	0.7	19.8	<10
1098565	Soil	0.19	8.6	0.7	<0.05	1.8	10.87	28.8	0.04	<1	1.0	29.2	<10
1098566	Soil	0.13	6.5	4.4	<0.05	2.6	12.34	19.5	0.04	<1	1.1	20.9	<10
1098567	Soil	0.15	11.5	1.7	<0.05	<0.1	1.57	7.9	<0.02	<1	0.7	2.9	<10
1098568	Soil	0.22	6.5	3.1	<0.05	1.3	13.49	20.8	0.04	<1	1.4	8.6	<10
1098569	Soil	0.16	7.8	0.4	<0.05	0.4	1.76	8.3	0.03	<1	0.3	2.4	<10



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Project:

Scarlet

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1098570	Soil	0.72	14.52	22.81	50.6	85	17.3	10.1	773	3.85	20.2	0.7	0.5	3.0	10.6	0.10	0.91	0.35	34	0.26
1098571	Soil	0.72	19.21	28.58	68.3	37	24.0	12.3	695	3.83	20.7	0.6	2.0	3.8	9.0	0.08	0.96	0.34	24	0.14
1098572	Soil	0.58	31.68	33.07	70.7	122	28.5	16.0	872	3.44	19.2	1.3	2.8	3.4	14.5	0.10	0.61	0.40	18	0.73
1098573	Soil	0.44	24.57	29.58	88.8	110	25.9	10.9	533	3.21	12.8	0.8	2.0	3.2	44.8	0.14	0.64	0.29	15	1.65
1098574	Soil	0.32	19.04	26.01	115.2	87	19.6	8.9	485	2.46	10.3	0.7	2.3	2.7	60.6	0.28	0.60	0.23	11	4.67
1098575	Soil	0.39	19.83	40.50	36.5	217	21.4	8.7	2493	5.11	47.5	1.9	44.7	1.6	40.8	0.14	4.44	0.17	11	9.85
1098576	Soil	0.32	14.24	30.04	20.0	169	13.0	6.3	2857	4.68	20.1	1.2	38.4	1.2	29.8	0.10	2.62	0.12	10	8.94
1098577	Soil	0.28	3.96	10.84	13.0	50	3.8	1.8	460	0.68	3.8	0.3	1.2	0.2	35.5	0.09	0.58	0.04	6	7.98
1098578	Soil	0.38	5.52	12.19	19.6	49	5.2	2.5	779	1.11	6.5	0.5	2.0	0.2	40.0	0.12	0.72	0.05	8	10.16
1098579	Soil	0.61	10.78	20.24	67.8	92	12.3	6.6	1616	2.58	11.4	0.6	1.3	0.6	25.0	0.36	1.10	0.15	17	7.41
1098580	Soil	0.61	19.53	23.42	29.1	38	18.2	15.4	837	2.32	17.1	0.4	<0.2	2.0	7.0	0.08	0.72	0.40	17	0.20
1098581	Soil	1.81	14.38	29.93	37.9	69	28.4	17.8	3760	3.99	34.9	0.8	1.7	3.5	9.7	0.13	1.26	0.27	19	0.64
1098582	Soil	0.66	56.97	51.44	77.7	289	51.4	43.8	3199	6.31	4.9	0.8	1.2	4.2	14.3	0.04	0.29	0.47	23	0.12
1098583	Soil	0.76	49.43	65.55	67.2	99	40.7	47.1	2335	5.34	5.6	1.0	2.1	4.0	8.1	0.03	0.28	0.60	27	0.16
1098584	Soil	0.48	15.14	21.40	46.7	66	12.5	8.3	979	2.30	15.9	1.0	4.4	0.9	28.3	0.14	1.33	0.17	11	7.80
1098585	Soil	0.71	30.52	22.64	54.8	67	19.6	9.3	268	4.15	3.9	0.9	0.4	3.9	9.3	0.08	0.33	0.38	43	0.19
1098586	Soil	1.02	28.90	43.42	84.9	104	24.2	22.4	1262	5.68	5.9	0.6	0.7	3.8	6.4	0.16	0.36	0.37	40	0.02
1098587	Soil	0.71	41.98	69.99	88.9	269	29.3	43.5	2532	5.30	5.2	0.8	0.2	4.8	8.1	0.13	0.25	0.46	39	0.06
1098588	Soil	0.81	88.68	73.59	106.7	204	37.2	51.7	2393	6.16	4.6	1.0	1.9	4.7	7.2	0.10	0.36	0.54	34	0.01
1098589	Soil	0.62	28.60	35.10	76.0	112	31.8	22.1	1165	4.85	3.1	0.7	0.3	5.4	4.4	0.09	0.37	0.42	41	0.01
1098590	Soil	1.13	22.86	20.47	84.8	81	30.5	15.2	464	4.20	5.7	0.7	1.5	5.0	6.4	0.07	0.51	0.35	49	0.02
1098591	Soil	0.59	13.76	28.99	70.4	30	30.3	16.6	309	4.54	2.3	1.0	2.3	6.3	4.6	0.06	0.35	0.37	42	<0.01
1098592	Soil	0.94	37.33	26.42	68.0	54	21.4	16.2	1193	5.68	5.0	0.7	<0.2	4.1	4.8	0.09	0.35	0.48	40	0.02
1098593	Soil	0.62	41.85	31.86	95.3	64	35.5	16.9	520	5.58	6.0	0.5	0.3	4.3	5.0	0.03	0.14	0.50	33	<0.01
1098594	Soil	0.50	38.53	43.88	88.6	82	36.2	26.2	860	4.71	6.5	0.5	1.1	5.0	7.3	0.04	0.20	0.50	31	<0.01
1098595	Soil	1.26	32.43	27.71	83.9	82	24.7	18.6	868	5.32	3.8	0.9	0.2	4.5	14.1	0.05	0.19	0.46	38	0.04
1098596	Soil	0.99	35.17	43.51	82.0	77	35.1	30.9	1203	3.87	3.9	0.8	0.6	4.8	7.5	0.11	0.53	0.44	32	0.02
1098597	Soil	0.55	35.20	25.88	68.0	178	28.0	13.8	386	5.60	1.8	0.5	<0.2	3.4	4.3	0.03	0.17	0.41	32	0.01
1098598	Soil	0.69	39.75	39.21	97.6	66	31.7	20.5	737	5.92	5.3	0.5	<0.2	4.2	4.5	0.05	0.20	0.50	35	<0.01
1098599	Soil	1.25	25.26	43.82	738.8	240	35.9	14.1	6630	11.59	13.5	3.7	5.1	6.2	20.8	0.48	0.84	0.34	35	0.33



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1098570	Soil	7.9	21.6	0.28	94.1	0.005	2	1.50	0.002	0.10	0.1	3.0	0.13	<0.02	23	0.1	0.07	3.8	1.84	<0.1
1098571	Soil	6.5	19.9	0.31	85.7	0.004	2	1.11	0.005	0.09	<0.1	2.8	0.13	<0.02	46	0.1	0.03	3.2	1.14	<0.1
1098572	Soil	8.5	21.1	0.49	149.9	0.003	4	1.28	0.006	0.14	<0.1	4.9	0.13	0.03	99	<0.1	<0.02	4.0	3.15	<0.1
1098573	Soil	8.7	14.2	0.65	58.1	0.002	3	0.92	0.006	0.08	<0.1	4.0	0.12	0.03	127	0.2	<0.02	2.3	1.04	<0.1
1098574	Soil	5.4	8.7	2.35	56.8	0.003	5	0.58	0.007	0.09	<0.1	2.9	0.10	0.03	132	0.3	<0.02	1.4	1.11	<0.1
1098575	Soil	6.2	8.0	6.73	48.1	0.002	2	0.36	0.010	0.06	<0.1	1.9	0.18	0.02	673	0.6	0.06	1.0	0.45	<0.1
1098576	Soil	7.0	6.6	6.02	53.2	0.002	1	0.34	0.009	0.04	<0.1	1.9	0.08	0.03	445	0.4	0.03	0.8	0.23	<0.1
1098577	Soil	2.1	4.2	5.17	27.0	0.003	2	0.21	0.007	0.02	<0.1	0.4	0.04	<0.02	50	0.2	<0.02	0.5	0.18	<0.1
1098578	Soil	2.6	5.7	7.61	36.8	0.003	3	0.28	0.011	0.03	<0.1	0.4	0.04	0.03	54	0.3	<0.02	0.6	0.24	<0.1
1098579	Soil	6.3	12.6	4.80	71.0	0.003	5	0.89	0.010	0.05	<0.1	1.2	0.08	0.06	103	0.4	<0.02	1.4	0.46	<0.1
1098580	Soil	5.8	11.3	0.17	74.1	0.003	3	0.72	0.003	0.17	<0.1	2.3	0.09	<0.02	30	<0.1	0.04	2.3	1.04	<0.1
1098581	Soil	4.7	19.6	0.19	179.8	0.002	2	0.92	0.007	0.12	<0.1	2.7	0.16	0.05	97	0.3	0.04	3.2	1.13	<0.1
1098582	Soil	7.9	25.8	0.58	308.8	0.006	3	1.81	0.005	0.20	<0.1	7.4	0.23	<0.02	58	<0.1	<0.02	5.8	9.20	<0.1
1098583	Soil	7.2	39.2	0.51	179.7	0.011	4	1.82	0.005	0.30	<0.1	6.9	0.22	0.04	37	<0.1	<0.02	6.8	6.34	<0.1
1098584	Soil	3.7	7.7	5.16	58.3	0.002	3	0.41	0.009	0.07	<0.1	1.4	0.10	0.04	133	0.3	<0.02	1.2	1.07	<0.1
1098585	Soil	4.8	31.9	0.31	167.1	0.004	1	1.78	0.007	0.13	0.1	2.9	0.15	0.02	25	0.1	0.02	7.4	2.71	<0.1
1098586	Soil	6.6	36.9	0.36	91.2	0.004	1	2.06	0.007	0.09	<0.1	3.1	0.11	0.02	27	0.2	0.02	7.0	3.18	<0.1
1098587	Soil	8.9	42.1	0.40	106.0	0.003	1	2.25	0.011	0.12	<0.1	5.1	0.17	0.03	44	0.2	<0.02	8.4	4.86	<0.1
1098588	Soil	4.7	41.0	0.61	738.7	0.007	1	2.54	0.010	0.16	<0.1	5.7	0.15	0.04	42	<0.1	<0.02	9.2	8.62	<0.1
1098589	Soil	4.1	38.4	0.42	202.1	0.006	1	1.94	0.007	0.16	0.2	3.0	0.13	0.02	23	<0.1	<0.02	7.0	2.15	<0.1
1098590	Soil	7.4	38.6	0.62	159.2	0.011	1	2.13	0.006	0.16	0.1	3.3	0.15	<0.02	27	0.2	<0.02	7.4	2.44	<0.1
1098591	Soil	3.5	39.6	0.46	119.5	0.008	2	1.89	0.008	0.20	0.1	3.2	0.19	<0.02	16	<0.1	<0.02	6.3	4.18	<0.1
1098592	Soil	6.3	30.7	0.29	147.7	0.003	<1	2.34	0.007	0.11	<0.1	3.9	0.14	0.03	39	<0.1	0.02	7.7	3.53	<0.1
1098593	Soil	4.5	48.5	0.66	69.3	0.002	<1	2.47	0.007	0.08	<0.1	3.7	0.13	<0.02	19	0.2	<0.02	8.7	3.15	<0.1
1098594	Soil	6.4	40.9	0.67	162.6	0.004	<1	2.18	0.008	0.10	<0.1	3.7	0.10	<0.02	23	<0.1	<0.02	7.4	1.97	<0.1
1098595	Soil	4.1	39.8	0.43	95.7	0.004	1	2.28	0.009	0.13	<0.1	3.1	0.12	0.05	34	0.2	<0.02	8.0	2.58	<0.1
1098596	Soil	9.1	34.9	0.64	140.5	0.014	<1	1.89	0.008	0.13	0.1	3.3	0.12	<0.02	6	0.2	<0.02	6.1	3.59	<0.1
1098597	Soil	2.4	35.3	0.49	191.6	0.002	<1	2.28	0.006	0.11	<0.1	3.1	0.10	0.02	19	<0.1	<0.02	8.5	2.11	<0.1
1098598	Soil	4.7	44.2	0.45	52.7	0.001	<1	2.32	0.006	0.09	<0.1	4.1	0.11	<0.02	30	0.2	<0.02	8.7	2.78	<0.1
1098599	Soil	22.9	32.8	0.40	312.5	0.003	3	1.99	0.003	0.07	0.1	5.5	0.20	<0.02	359	0.5	<0.02	4.0	2.02	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1098570	Soil	0.53	14.3	1.1	<0.05	0.6	4.41	22.1	0.03	<1	0.9	14.1	<10
1098571	Soil	0.31	9.2	3.0	<0.05	1.5	3.65	16.5	0.04	<1	0.6	16.5	<10
1098572	Soil	0.29	13.1	6.0	<0.05	1.9	12.87	18.9	0.04	<1	1.2	22.4	<10
1098573	Soil	0.16	6.7	1.2	<0.05	2.0	11.89	20.7	<0.02	<1	0.8	17.1	<10
1098574	Soil	0.16	6.9	0.8	<0.05	1.4	6.19	14.7	<0.02	<1	0.5	11.3	<10
1098575	Soil	0.07	3.3	2.0	<0.05	1.4	9.95	13.0	<0.02	<1	0.4	3.0	<10
1098576	Soil	0.05	2.2	2.2	<0.05	1.2	9.00	13.5	<0.02	<1	0.3	2.4	<10
1098577	Soil	0.05	1.7	3.0	<0.05	0.4	2.48	4.7	<0.02	<1	0.3	1.8	<10
1098578	Soil	0.05	2.2	3.0	<0.05	0.3	3.19	5.7	<0.02	<1	0.3	2.2	<10
1098579	Soil	0.11	5.0	4.0	<0.05	1.1	8.16	13.7	0.02	<1	0.6	4.7	<10
1098580	Soil	0.14	10.8	3.0	<0.05	0.8	3.15	14.8	0.02	<1	0.6	5.7	<10
1098581	Soil	0.18	8.8	6.2	<0.05	2.8	8.27	15.4	0.06	<1	0.6	4.4	<10
1098582	Soil	0.07	23.3	5.8	<0.05	1.8	22.10	29.3	0.06	<1	1.6	38.3	<10
1098583	Soil	0.31	28.1	7.6	<0.05	0.7	9.76	25.2	0.07	<1	2.1	29.7	<10
1098584	Soil	0.08	4.6	1.2	<0.05	1.0	6.47	8.9	<0.02	<1	0.6	4.8	<10
1098585	Soil	0.80	22.2	2.4	<0.05	1.2	5.05	11.5	0.05	<1	1.1	16.6	<10
1098586	Soil	0.64	14.9	5.3	<0.05	1.7	3.32	16.2	0.04	<1	1.4	39.7	<10
1098587	Soil	0.37	19.6	3.8	<0.05	2.4	7.84	27.4	0.05	<1	2.1	39.8	<10
1098588	Soil	0.51	23.5	4.9	<0.05	1.8	6.45	15.7	0.05	<1	3.0	41.6	<10
1098589	Soil	0.85	20.8	3.6	<0.05	1.7	2.93	9.6	0.03	<1	1.4	26.7	<10
1098590	Soil	0.57	20.5	1.8	<0.05	1.9	3.56	16.3	0.04	<1	1.2	38.1	<10
1098591	Soil	0.66	26.7	3.2	<0.05	1.6	2.96	8.1	0.03	<1	1.1	27.9	<10
1098592	Soil	0.69	18.8	5.7	<0.05	2.1	4.84	14.9	0.04	<1	1.7	46.0	<10
1098593	Soil	0.30	11.8	3.1	<0.05	1.6	3.05	10.6	0.05	<1	1.6	51.5	<10
1098594	Soil	0.21	10.8	3.2	<0.05	1.3	4.59	18.1	0.04	<1	2.0	38.4	<10
1098595	Soil	0.68	19.7	4.3	<0.05	1.9	2.83	9.9	0.04	<1	0.9	34.5	<10
1098596	Soil	0.45	16.7	6.1	<0.05	0.9	4.85	25.3	0.04	<1	1.4	31.3	<10
1098597	Soil	0.44	15.8	3.1	<0.05	1.7	3.12	6.0	0.02	<1	1.3	34.4	<10
1098598	Soil	0.30	14.5	1.9	<0.05	2.3	3.95	13.4	0.04	<1	1.1	49.2	<10
1098599	Soil	0.29	10.0	2.3	<0.05	2.0	21.70	70.3	0.06	<1	2.0	21.4	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
1098600	Soil	0.46	18.61	23.19	61.4	76	15.4	9.1	884	2.56	18.5	1.0	5.6	1.1	25.4	0.15	1.31	0.25	13	7.98
1097196	Soil	0.53	9.62	32.39	59.4	105	12.5	5.8	2318	2.92	12.3	0.9	1.1	0.8	20.5	0.34	1.83	0.17	27	5.26
1097197	Soil	0.61	11.70	25.92	74.4	107	16.5	7.9	2478	3.56	17.1	1.1	4.0	1.1	24.8	0.36	1.32	0.23	35	5.65
1097198	Soil	0.37	21.92	54.20	32.5	222	19.7	9.2	1807	3.67	30.5	1.3	7.6	1.7	26.7	0.16	2.93	0.28	10	9.77
1097199	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.
1097200	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.
1098701	Soil	0.55	13.44	26.69	65.6	67	23.3	10.8	358	3.77	8.8	0.9	0.2	7.1	34.7	0.09	0.32	0.32	22	0.34
1098702	Soil	0.54	19.66	26.48	78.2	235	26.1	9.8	474	3.00	7.9	1.0	1.2	2.9	30.9	0.08	0.27	0.33	13	0.78
1098703	Soil	0.46	21.49	24.07	70.7	100	24.4	9.5	267	3.11	8.6	0.5	0.7	3.4	72.0	0.10	0.29	0.30	17	1.06
1098704	Soil	0.45	21.32	24.31	71.5	116	24.1	9.9	261	3.17	8.8	0.8	0.9	3.5	34.2	0.05	0.32	0.30	16	0.62
1098705	Soil	0.37	25.40	27.26	66.2	208	27.5	10.4	233	3.21	9.9	0.9	1.3	3.0	69.5	0.06	0.36	0.34	16	1.32
1098706	Soil	0.40	22.57	24.40	44.5	151	24.2	9.0	434	3.32	7.4	0.8	1.1	1.8	93.9	0.18	0.28	0.31	22	1.68
1098707	Soil	0.62	24.38	27.10	72.2	160	24.6	13.4	372	3.30	8.1	0.9	0.9	5.7	116.4	0.12	0.33	0.35	17	1.80
1098708	Soil	0.42	21.49	18.99	60.3	51	22.3	10.2	340	3.00	8.4	0.7	2.7	2.9	49.8	0.06	0.31	0.28	22	0.60
1098709	Soil	0.82	17.74	71.90	89.1	147	28.3	8.9	1488	4.95	35.5	1.3	2.2	2.9	7.6	0.12	2.76	0.35	25	0.21
1098710	Soil	0.43	11.87	21.78	20.2	42	17.2	8.8	139	2.40	479.5	0.4	59.1	2.9	8.8	0.04	2.16	0.45	11	0.03
1098711	Soil	0.92	16.49	29.25	70.6	37	25.8	11.0	644	3.93	78.0	0.8	1.9	3.7	10.7	0.11	0.91	0.36	34	0.10
1098712	Soil	0.67	16.12	29.35	86.0	162	19.5	9.6	1326	3.52	16.5	0.8	2.6	2.3	36.2	0.25	0.93	0.25	24	5.58
1098713	Soil	0.65	19.00	33.64	87.6	61	22.8	12.2	725	3.85	13.3	0.7	0.6	3.0	21.7	0.20	0.81	0.34	27	0.40
1098714	Soil	0.53	20.17	39.77	75.7	165	24.9	11.7	903	3.66	14.9	0.8	1.4	5.0	42.1	0.14	0.96	0.34	20	2.69
1098715	Soil	0.56	20.77	25.30	69.7	42	26.3	11.3	354	3.30	8.8	0.6	0.4	4.3	21.0	0.05	0.42	0.28	22	0.17
1098716	Soil	0.55	18.63	26.15	154.7	41	22.4	11.1	446	3.21	9.1	0.5	0.6	3.7	24.9	0.13	0.37	0.30	21	0.26
1098717	Soil	0.46	23.86	30.47	98.5	288	29.3	11.0	218	4.38	5.9	0.3	<0.2	2.6	9.6	0.10	0.26	0.40	17	0.04
1098718	Soil	0.58	28.17	42.80	99.2	117	37.7	14.4	337	4.31	9.7	1.3	0.5	4.3	51.2	0.11	0.31	0.42	19	0.64
1098719	Soil	0.60	25.05	41.35	98.4	91	38.3	23.9	408	4.10	13.4	0.7	0.5	4.0	25.7	0.08	0.43	0.37	20	0.23
1098720	Soil	0.66	33.52	42.38	99.8	152	38.6	13.9	232	4.02	14.2	0.5	1.2	3.6	61.9	0.09	0.48	0.40	13	0.82
1098721	Soil	0.48	17.51	29.32	26.7	40	23.5	8.3	111	2.31	24.7	0.5	<0.2	1.9	3.6	0.04	1.04	0.40	9	0.04
1098722	Soil	0.43	9.10	45.06	48.2	138	5.6	3.1	1883	2.61	30.5	1.1	1.6	0.4	80.7	0.15	2.61	0.05	4	17.69
1098723	Soil	0.44	23.76	24.06	50.4	122	22.3	12.6	1380	3.17	63.0	0.7	6.5	1.3	66.3	0.20	1.96	0.30	20	8.31
1098724	Soil	0.45	17.56	28.56	37.3	187	21.0	11.0	1824	3.49	46.3	0.8	8.8	1.5	36.1	0.16	1.90	0.26	18	6.11



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.02
1098600	Soil	4.7	11.3	4.09	71.7	0.003	4	0.69	0.007	0.10	<0.1	1.8	0.10	0.04	117	0.3	0.05	1.9	1.42	<0.1
1097196	Soil	12.5	18.1	2.87	81.8	0.006	3	1.24	0.005	0.04	<0.1	1.6	0.08	0.06	84	0.4	0.03	2.6	0.49	<0.1
1097197	Soil	11.7	20.5	3.08	120.8	0.010	3	1.48	0.006	0.05	0.1	2.0	0.12	0.05	77	0.5	0.04	3.5	0.72	<0.1
1097198	Soil	7.9	9.5	4.57	35.7	0.002	4	0.40	0.008	0.06	<0.1	2.5	0.16	0.02	395	0.5	0.13	1.2	0.36	<0.1
1097199	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.
1097200	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.
1098701	Soil	15.5	16.8	0.19	128.1	0.004	4	1.30	0.003	0.13	<0.1	4.9	0.16	<0.02	26	0.2	0.03	3.3	2.28	<0.1
1098702	Soil	9.8	13.4	0.26	133.3	0.002	4	0.86	0.004	0.10	<0.1	3.6	0.16	0.04	82	0.3	<0.02	2.4	1.96	<0.1
1098703	Soil	7.3	17.5	0.29	98.3	0.002	5	1.08	0.003	0.10	<0.1	4.5	0.10	0.03	61	0.2	0.03	3.2	0.95	<0.1
1098704	Soil	6.3	16.6	0.23	98.6	0.002	4	0.98	0.003	0.09	<0.1	4.1	0.09	0.03	68	0.3	0.03	2.8	1.22	<0.1
1098705	Soil	8.2	15.6	0.27	104.2	0.002	4	1.01	0.003	0.11	<0.1	4.4	0.08	0.04	104	0.4	0.02	2.8	1.24	<0.1
1098706	Soil	9.5	16.1	0.17	185.8	0.002	3	1.22	0.004	0.09	<0.1	3.1	0.12	0.05	43	0.3	0.04	3.2	0.78	<0.1
1098707	Soil	8.5	16.4	0.26	99.3	<0.001	4	1.01	0.004	0.07	<0.1	6.6	0.09	0.05	67	0.4	0.04	2.8	1.14	<0.1
1098708	Soil	4.8	21.7	0.36	101.3	0.002	3	1.50	0.003	0.09	<0.1	3.1	0.10	0.02	81	0.2	0.04	4.4	1.57	<0.1
1098709	Soil	10.5	19.2	0.13	113.2	<0.001	1	1.33	<0.001	0.07	<0.1	5.0	0.12	0.02	444	0.4	0.04	2.5	0.44	<0.1
1098710	Soil	8.0	8.1	0.05	44.2	<0.001	1	0.67	0.001	0.10	<0.1	1.9	0.11	<0.02	130	0.2	0.04	1.7	0.54	<0.1
1098711	Soil	8.9	21.9	0.27	82.8	0.009	2	1.49	0.002	0.10	0.1	2.5	0.12	<0.02	56	0.3	0.05	3.7	1.34	<0.1
1098712	Soil	11.8	18.4	3.00	84.4	0.006	3	1.09	0.006	0.08	0.1	3.6	0.14	0.02	149	0.4	0.03	2.5	1.07	<0.1
1098713	Soil	6.3	19.3	0.29	73.0	0.004	4	1.30	0.004	0.13	<0.1	2.7	0.21	<0.02	35	0.2	0.05	3.5	1.93	<0.1
1098714	Soil	17.2	16.7	1.25	83.7	0.002	4	1.01	0.004	0.13	<0.1	6.6	0.29	0.02	217	0.4	0.06	2.6	1.38	<0.1
1098715	Soil	6.1	18.5	0.26	65.0	0.003	2	1.18	0.002	0.09	<0.1	3.1	0.09	<0.02	37	0.2	0.04	3.0	1.13	<0.1
1098716	Soil	6.0	18.4	0.24	91.5	0.003	3	1.17	0.002	0.12	<0.1	2.9	0.09	<0.02	133	0.1	0.04	3.2	1.02	<0.1
1098717	Soil	2.7	17.1	0.23	75.5	<0.001	2	1.36	0.002	0.11	<0.1	3.5	0.12	<0.02	16	0.2	0.04	3.7	3.62	<0.1
1098718	Soil	6.6	20.0	0.28	161.5	0.001	4	1.55	0.004	0.12	<0.1	5.9	0.20	0.03	61	0.3	0.04	3.7	3.30	<0.1
1098719	Soil	4.4	19.5	0.28	104.7	0.001	3	1.40	0.003	0.09	<0.1	4.5	0.17	0.02	47	0.4	0.07	3.3	4.53	<0.1
1098720	Soil	6.2	14.4	0.23	106.8	0.001	3	0.87	0.004	0.08	<0.1	5.1	0.15	0.03	125	0.3	0.07	2.2	1.59	<0.1
1098721	Soil	2.5	6.8	0.04	17.8	<0.001	<1	0.36	0.001	0.05	<0.1	2.4	0.07	<0.02	440	0.1	0.02	1.3	0.55	<0.1
1098722	Soil	3.2	5.7	8.02	49.6	0.001	4	0.18	0.009	0.03	<0.1	0.8	0.13	<0.02	174	0.4	<0.02	0.5	0.17	<0.1
1098723	Soil	8.0	13.5	4.12	74.5	0.003	3	0.75	0.007	0.08	<0.1	3.3	0.11	0.02	162	0.4	0.02	1.9	0.88	<0.1
1098724	Soil	8.1	13.6	3.17	93.5	0.002	3	0.83	0.005	0.07	<0.1	3.2	0.11	0.03	136	0.4	0.03	2.0	0.82	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1098600	Soil	0.16	6.8	2.2	<0.05	1.5	8.00	10.6	<0.02	<1	0.8	6.7	<10
1097196	Soil	0.21	4.8	1.9	<0.05	1.0	12.41	24.8	0.02	<1	0.8	6.5	<10
1097197	Soil	0.36	6.8	0.9	<0.05	1.0	11.34	23.3	0.02	<1	0.7	8.4	<10
1097198	Soil	0.07	3.3	2.3	<0.05	1.9	9.46	14.9	<0.02	<1	0.3	2.7	<10
1097199	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.
1097200	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.
1098701	Soil	0.27	14.4	1.9	<0.05	2.1	11.09	59.0	0.04	<1	1.1	13.2	<10
1098702	Soil	0.22	9.7	1.4	<0.05	1.6	9.76	37.9	0.04	<1	0.9	11.9	<10
1098703	Soil	0.24	8.3	1.3	<0.05	1.9	11.22	19.3	0.04	<1	1.0	25.7	<10
1098704	Soil	0.19	8.4	1.7	<0.05	1.9	8.89	19.4	0.04	<1	0.8	18.6	<10
1098705	Soil	0.20	7.6	2.4	<0.05	1.9	13.51	19.4	0.04	<1	0.9	20.9	<10
1098706	Soil	0.35	8.0	1.3	<0.05	1.7	10.73	27.7	0.04	<1	1.0	13.8	<10
1098707	Soil	0.20	6.6	2.9	<0.05	3.1	18.89	26.4	0.05	<1	1.1	24.7	<10
1098708	Soil	0.32	12.4	2.1	<0.05	2.0	5.22	12.3	0.03	<1	0.8	35.3	<10
1098709	Soil	0.12	7.4	1.8	<0.05	1.6	13.24	19.7	0.04	<1	0.9	4.5	<10
1098710	Soil	0.13	8.7	1.5	<0.05	0.7	2.38	17.6	0.02	<1	0.3	2.8	<10
1098711	Soil	0.51	10.0	1.2	<0.05	0.8	3.66	27.1	0.04	<1	0.8	20.1	<10
1098712	Soil	0.23	7.0	1.8	<0.05	1.3	12.50	25.4	0.03	<1	0.9	13.8	<10
1098713	Soil	0.32	14.0	1.2	<0.05	1.1	3.84	19.4	0.03	<1	0.9	20.1	<10
1098714	Soil	0.21	10.8	2.5	<0.05	2.0	22.47	34.0	0.04	<1	1.1	11.9	<10
1098715	Soil	0.18	8.8	1.2	<0.05	1.7	4.25	20.5	0.04	<1	1.0	22.0	<10
1098716	Soil	0.22	10.7	1.4	<0.05	1.4	3.87	17.7	0.03	<1	0.8	21.2	<10
1098717	Soil	0.11	13.2	1.5	<0.05	0.8	2.67	6.6	0.04	<1	1.0	41.9	<10
1098718	Soil	0.19	11.6	2.7	<0.05	2.3	13.15	20.4	0.05	<1	1.3	43.4	<10
1098719	Soil	0.22	12.2	2.4	<0.05	2.5	6.07	13.0	0.05	<1	1.0	37.9	<10
1098720	Soil	0.13	7.0	2.3	<0.05	2.1	12.75	20.0	0.04	<1	0.8	25.6	<10
1098721	Soil	0.04	5.4	1.3	<0.05	0.4	1.95	5.7	0.02	<1	0.1	0.9	<10
1098722	Soil	0.02	2.0	3.8	<0.05	0.9	4.73	6.2	<0.02	<1	0.4	1.3	<10
1098723	Soil	0.12	6.0	1.5	<0.05	1.2	10.81	16.5	0.03	<1	0.8	5.8	<10
1098724	Soil	0.15	6.4	1.3	<0.05	2.1	11.58	15.0	0.03	<1	1.0	6.4	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
1098725	Soil	0.61	27.06	30.70	67.7	37	25.0	16.4	486	3.79	33.5	0.5	1.3	2.9	8.7	0.12	1.19	0.38	21	0.16
1098726	Soil	0.60	21.61	34.00	85.0	126	27.4	12.5	1188	4.27	18.9	0.9	2.9	4.8	12.9	0.18	0.86	0.36	30	0.62
1098727	Soil	0.49	16.78	30.71	62.2	159	20.3	9.6	1734	4.01	14.1	1.0	0.9	3.3	28.0	0.21	0.66	0.26	19	4.25
1098728	Soil	0.44	18.97	28.70	111.7	140	20.8	8.4	916	3.40	10.5	0.9	1.3	2.0	55.0	0.32	0.58	0.30	23	1.76
1098729	Soil	0.47	23.71	33.56	98.4	130	23.7	11.9	859	3.35	14.2	1.4	0.9	2.5	48.6	0.25	0.64	0.33	17	1.11
1096576	Soil	0.67	12.55	29.28	77.0	140	18.4	8.0	2803	4.82	16.6	0.9	3.2	0.9	22.3	0.27	1.06	0.24	41	3.59
1096577	Soil	0.78	15.65	35.10	102.6	102	21.4	10.8	3951	5.29	23.5	1.0	2.1	1.5	18.7	0.51	1.53	0.28	42	2.59
1096578	Soil	0.74	16.36	39.47	139.0	120	20.2	9.2	4054	7.67	30.5	1.3	2.1	2.1	16.7	0.55	2.59	0.33	41	1.59
1096579	Soil	0.54	11.38	22.43	54.4	138	13.8	5.0	1957	3.35	23.7	2.2	4.0	0.8	46.2	0.28	1.62	0.14	17	7.73
1096580	Soil	0.80	16.01	56.56	85.3	139	23.4	10.6	3263	5.84	30.6	1.5	0.5	3.1	23.0	0.26	1.29	0.29	21	1.00
1096581	Soil	0.65	21.33	31.16	74.4	147	27.0	11.0	560	3.63	11.1	1.4	0.6	3.8	66.4	0.15	0.43	0.41	19	1.11
1096582	Soil	0.70	17.45	33.43	72.1	181	24.0	11.1	893	3.96	9.6	0.6	0.9	2.6	22.0	0.21	0.45	0.34	26	0.16
1096583	Soil	0.85	23.28	32.44	80.3	126	26.5	13.1	461	3.86	9.3	0.5	0.6	1.9	22.3	0.14	0.48	0.39	24	0.23
1096584	Soil	0.63	18.58	24.88	66.2	110	21.8	8.5	174	3.37	9.3	0.3	0.7	2.1	19.1	0.05	0.37	0.28	23	0.13
1096585	Soil	0.47	20.80	31.57	67.0	80	24.7	10.5	330	3.69	11.4	0.8	0.6	2.4	51.0	0.14	0.31	0.33	19	1.19
1096586	Soil	0.77	19.93	33.36	68.1	111	27.8	11.2	345	3.46	10.4	1.2	0.9	2.6	40.7	0.08	0.37	0.29	19	0.50
1096587	Soil	0.58	25.61	29.84	75.2	184	27.5	13.1	418	3.67	11.6	0.8	0.9	3.1	79.7	0.10	0.39	0.32	20	1.12
1096588	Soil	0.45	21.73	23.13	59.4	143	22.2	11.2	334	2.91	8.3	1.1	0.6	3.0	60.9	0.12	0.29	0.28	19	0.87
1096589	Soil	0.94	33.52	30.04	66.2	292	22.9	14.3	421	3.13	10.5	1.6	0.4	3.4	124.1	0.21	0.44	0.30	21	1.61
1096590	Soil	0.83	17.92	37.09	135.1	136	22.9	10.4	4083	6.50	28.5	1.3	1.2	2.0	25.8	0.48	1.72	0.31	54	2.86
1096591	Soil	0.59	13.19	16.37	84.5	146	14.2	5.3	4033	4.94	30.5	1.2	1.9	0.6	37.0	0.77	1.59	0.12	26	7.05
1096592	Soil	0.67	15.29	27.71	71.0	80	20.1	8.8	1315	3.70	17.9	0.7	0.6	2.8	9.2	0.18	1.07	0.26	32	0.26
1096593	Soil	0.47	22.46	31.36	79.1	51	22.7	11.6	540	3.41	13.1	0.7	<0.2	4.3	13.9	0.08	0.62	0.34	17	0.14



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1098725	Soil	5.3	16.2	0.21	77.7	0.002	1	0.96	0.002	0.11	<0.1	3.0	0.11	<0.02	33	0.1	0.04	3.4	2.09	<0.1
1098726	Soil	14.8	26.1	0.56	136.9	0.003	3	1.66	0.004	0.10	<0.1	5.8	0.13	0.02	133	0.3	0.05	4.2	1.19	<0.1
1098727	Soil	15.9	15.4	2.32	107.1	0.003	3	1.01	0.006	0.07	<0.1	4.6	0.10	0.03	95	0.3	0.03	2.2	0.97	<0.1
1098728	Soil	10.5	17.9	0.57	121.8	0.003	3	1.20	0.004	0.09	<0.1	3.4	0.11	0.04	86	0.4	0.05	3.3	0.91	<0.1
1098729	Soil	9.0	16.2	0.31	81.0	0.002	4	0.97	0.004	0.10	<0.1	4.2	0.12	0.05	472	0.3	0.05	2.7	1.35	<0.1
1096576	Soil	13.5	25.5	2.04	154.6	0.011	2	1.78	0.004	0.04	<0.1	2.6	0.16	0.07	111	0.6	0.05	4.3	1.12	<0.1
1096577	Soil	15.5	26.4	1.52	185.5	0.007	4	1.96	0.003	0.06	0.1	2.9	0.14	0.10	115	0.5	0.06	4.4	0.80	<0.1
1096578	Soil	21.8	24.4	0.71	178.1	0.006	2	1.73	0.007	0.06	<0.1	3.3	0.12	0.10	139	0.7	0.08	4.1	0.44	0.1
1096579	Soil	7.1	12.6	4.82	68.5	0.006	3	0.67	0.010	0.04	0.1	1.4	0.07	0.05	116	0.6	0.03	1.5	0.32	<0.1
1096580	Soil	23.2	14.9	0.29	156.2	0.002	2	0.98	0.006	0.06	<0.1	4.7	0.09	0.06	151	0.7	0.05	2.3	0.61	<0.1
1096581	Soil	16.5	15.0	0.17	195.5	0.002	3	1.06	0.005	0.13	<0.1	4.3	0.13	0.06	59	0.5	<0.02	2.5	1.11	<0.1
1096582	Soil	7.0	17.1	0.19	224.4	0.005	2	1.09	0.004	0.11	<0.1	2.6	0.11	0.03	34	0.4	<0.02	2.8	0.94	<0.1
1096583	Soil	5.5	20.8	0.29	106.6	0.006	1	1.15	0.004	0.12	<0.1	2.6	0.10	0.03	15	0.2	<0.02	3.6	2.68	<0.1
1096584	Soil	4.3	17.2	0.23	85.7	0.003	2	0.99	0.004	0.08	<0.1	1.9	0.07	<0.02	14	0.2	<0.02	3.5	1.08	<0.1
1096585	Soil	13.6	11.8	0.13	195.4	0.002	1	0.82	0.006	0.08	<0.1	3.9	0.09	0.03	18	0.4	0.04	1.8	0.42	<0.1
1096586	Soil	9.4	19.6	0.27	255.4	0.003	2	1.13	0.005	0.07	<0.1	4.6	0.07	0.03	39	0.4	0.04	2.6	1.47	<0.1
1096587	Soil	8.5	17.3	0.24	148.4	0.002	4	1.07	0.005	0.07	<0.1	4.3	0.10	0.04	62	0.3	0.03	2.8	1.17	<0.1
1096588	Soil	7.6	18.7	0.27	134.2	0.002	2	1.23	0.006	0.08	<0.1	4.5	0.07	0.05	92	0.2	0.02	3.2	0.89	<0.1
1096589	Soil	4.7	23.3	0.29	181.2	0.001	3	1.52	0.006	0.09	<0.1	4.9	0.14	0.09	72	0.6	0.03	3.8	3.92	<0.1
1096590	Soil	20.6	30.2	1.87	211.1	0.007	3	2.30	0.007	0.05	<0.1	4.4	0.12	0.08	121	0.7	0.06	5.4	0.89	<0.1
1096591	Soil	10.5	15.0	4.52	121.3	0.006	4	1.07	0.008	0.04	<0.1	1.6	0.08	0.08	95	0.7	<0.02	2.0	0.35	<0.1
1096592	Soil	7.6	20.7	0.28	115.6	0.002	<1	1.41	0.004	0.08	<0.1	2.8	0.12	0.02	41	0.2	0.02	3.8	0.90	<0.1
1096593	Soil	8.0	14.6	0.21	61.0	0.002	2	0.95	0.003	0.10	<0.1	4.0	0.10	<0.02	77	0.1	0.02	2.5	0.79	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10
1098725	Soil	0.26	10.5	1.7	<0.05	1.0	3.95	13.3	0.03	<1	0.9	15.4	<10
1098726	Soil	0.30	9.9	2.0	<0.05	2.9	16.43	23.6	0.03	<1	1.1	21.1	<10
1098727	Soil	0.19	6.5	1.5	<0.05	1.8	16.20	27.3	0.03	<1	0.8	12.8	<10
1098728	Soil	0.32	8.8	1.1	<0.05	1.3	9.87	19.6	0.03	<1	0.9	15.4	<10
1098729	Soil	0.22	9.6	1.4	<0.05	1.4	11.09	26.9	0.03	<1	1.0	16.7	<10
1096576	Soil	0.36	7.3	1.3	<0.05	1.2	12.30	23.2	0.03	<1	1.1	12.1	<10
1096577	Soil	0.29	7.3	0.8	<0.05	1.6	18.85	34.9	0.03	<1	1.0	11.9	<10
1096578	Soil	0.42	6.4	1.6	<0.05	3.2	22.56	39.3	0.05	<1	0.7	8.0	<10
1096579	Soil	0.16	3.2	3.0	<0.05	1.2	9.22	14.3	<0.02	<1	0.5	5.1	<10
1096580	Soil	0.19	4.4	2.7	<0.05	2.3	27.17	47.8	0.03	<1	1.5	5.4	<10
1096581	Soil	0.32	10.5	1.5	<0.05	2.0	12.65	53.5	0.04	<1	1.3	8.2	<10
1096582	Soil	0.38	12.8	3.4	<0.05	1.1	5.20	22.9	0.03	<1	0.8	12.3	<10
1096583	Soil	0.28	15.7	2.9	<0.05	0.8	3.81	12.0	0.03	<1	0.8	28.4	<10
1096584	Soil	0.26	9.0	2.4	<0.05	0.7	2.13	8.7	0.03	<1	0.6	29.9	<10
1096585	Soil	0.17	6.1	1.3	<0.05	2.1	17.18	36.2	0.05	<1	1.0	7.7	<10
1096586	Soil	0.25	8.1	5.7	<0.05	1.7	15.95	26.2	0.04	<1	1.2	24.2	<10
1096587	Soil	0.26	7.0	1.4	<0.05	2.5	13.43	22.0	0.04	<1	1.0	21.6	<10
1096588	Soil	0.26	6.7	1.7	<0.05	1.6	11.01	19.0	0.04	1	1.3	27.3	<10
1096589	Soil	0.29	12.5	1.9	<0.05	1.9	11.98	15.0	0.04	<1	1.3	41.9	<10
1096590	Soil	0.40	7.6	1.4	<0.05	2.8	21.96	34.6	0.04	<1	1.0	13.1	<10
1096591	Soil	0.15	3.9	1.0	<0.05	1.3	14.53	17.9	<0.02	<1	0.7	4.7	<10
1096592	Soil	0.30	10.8	2.2	<0.05	1.9	4.99	18.9	0.02	<1	1.0	13.4	<10
1096593	Soil	0.14	8.7	1.0	<0.05	1.7	7.49	24.8	<0.02	<1	0.9	14.4	<10



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QUALITY CONTROL REPORT

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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
Pulp Duplicates																				
1097702	Soil	0.65	12.66	18.57	66.8	34	17.6	7.1	229	3.10	13.5	0.4	2.0	2.5	8.5	0.10	0.63	0.24	28	0.09
REP 1097702	QC	0.69	14.21	19.35	70.6	35	18.8	7.8	248	3.37	14.2	0.4	2.5	2.8	9.0	0.12	0.66	0.26	30	0.09
1097722	Soil	0.46	24.06	22.97	86.6	171	22.4	8.5	336	3.01	10.7	1.8	1.3	1.0	67.0	0.48	0.50	0.27	24	1.97
REP 1097722	QC	0.42	23.92	21.41	84.9	152	21.7	8.2	315	2.91	10.3	1.7	1.1	1.0	64.2	0.44	0.45	0.26	23	1.95
1097759	Soil	0.62	10.86	23.42	55.5	89	15.5	9.5	2868	4.35	12.4	0.8	0.9	1.7	21.2	0.30	0.68	0.25	33	2.52
REP 1097759	QC	0.61	10.98	23.31	55.8	86	15.9	9.2	2892	4.40	12.6	0.8	0.9	1.6	20.9	0.30	0.69	0.25	35	2.57
1097783	Soil	0.57	17.15	29.36	109.0	104	19.0	9.4	1538	4.40	11.4	1.1	1.3	2.5	27.7	0.43	0.57	0.27	22	2.10
REP 1097783	QC	0.55	16.18	27.40	102.2	100	18.1	9.4	1485	4.30	11.8	1.1	1.5	2.2	26.3	0.42	0.55	0.26	23	1.97
1097787	Soil	0.52	26.70	28.92	72.6	71	26.1	15.3	610	3.48	18.6	1.1	2.6	3.5	14.1	0.12	0.59	0.43	21	0.85
REP 1097787	QC	0.47	26.79	27.42	70.6	70	25.2	15.0	592	3.43	19.0	1.1	2.6	3.4	13.7	0.09	0.58	0.40	20	0.82
1097813	Soil	1.26	19.89	44.91	249.7	176	26.2	9.0	1606	4.41	54.0	2.0	7.0	2.8	26.3	0.41	4.97	0.29	24	6.16
REP 1097813	QC	1.26	20.88	45.25	246.6	184	27.2	9.4	1665	4.44	53.6	2.0	7.0	2.8	26.2	0.41	4.94	0.30	25	6.02
1096788	Soil	0.54	13.52	43.85	212.7	128	20.0	7.5	2206	5.07	34.6	0.9	2.5	1.8	23.3	0.37	1.87	0.23	24	4.43
REP 1096788	QC	0.54	14.26	46.17	213.0	133	20.9	8.1	2313	5.36	37.1	0.9	2.7	1.9	24.0	0.40	1.98	0.23	25	4.69
1097507	Soil	0.41	24.30	16.93	54.5	138	25.8	8.6	284	2.05	6.5	1.4	0.9	0.6	175.3	0.09	0.34	0.20	8	2.71
REP 1097507	QC	0.44	24.64	17.87	53.5	133	26.1	8.7	298	2.15	6.7	1.4	0.7	0.7	170.9	0.08	0.33	0.19	9	2.61
1097520	Soil	0.60	18.18	13.12	35.2	33	15.8	11.6	285	2.93	15.8	0.2	0.3	1.0	3.8	0.06	0.47	0.38	20	0.05
REP 1097520	QC	0.65	19.63	13.14	38.4	29	16.8	11.7	284	2.96	16.3	0.3	<0.2	1.1	4.1	0.06	0.48	0.40	20	0.05
1097538	Soil	0.57	15.63	65.91	9790	398	13.9	6.1	1913	3.96	18.0	1.5	14.7	1.3	30.1	13.41	3.85	0.15	16	7.03
REP 1097538	QC	0.59	16.32	67.14	>10000	434	15.0	6.8	2091	4.21	19.6	1.6	17.3	1.3	31.3	14.00	4.09	0.16	17	7.54
1098510	Soil	0.28	5.08	14.80	29.5	48	4.9	2.2	1446	1.84	17.1	1.1	1.2	0.2	90.4	0.11	0.75	0.05	7	16.71
REP 1098510	QC	0.28	5.21	15.47	30.5	53	5.9	2.4	1472	1.87	18.0	1.0	1.0	0.2	92.6	0.12	0.72	0.05	7	16.87
1098530	Soil	0.64	19.32	26.07	70.2	59	27.4	11.7	277	3.37	9.7	0.7	<0.2	3.5	21.5	0.05	0.36	0.28	20	0.19
REP 1098530	QC	0.63	19.42	26.41	69.8	55	28.0	11.6	274	3.32	9.5	0.7	<0.2	3.4	21.3	0.05	0.35	0.30	20	0.18
1098554	Soil	0.68	31.48	40.08	101.2	184	33.6	17.0	527	3.97	9.9	0.7	0.7	3.6	113.4	0.20	0.38	0.38	14	2.71
REP 1098554	QC	0.81	35.51	48.10	115.0	218	37.6	18.7	592	4.48	11.0	0.8	0.8	4.2	130.5	0.20	0.43	0.43	16	2.91
1098557	Soil	0.51	17.24	25.35	68.9	161	17.6	7.7	934	2.95	18.5	1.0	8.9	1.5	39.4	0.17	1.94	0.26	18	7.31
REP 1098557	QC	0.54	17.64	25.26	69.1	164	17.1	7.5	894	2.88	18.8	1.0	6.7	1.5	40.3	0.18	2.00	0.25	17	7.27



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
Pulp Duplicates																			
1097702	Soil	6.8	17.6	0.27	58.1	0.006	2	1.03	0.004	0.08	<0.1	2.0	0.08	0.02	51	<0.1	0.02	3.2	1.03
REP 1097702	QC	7.1	19.0	0.28	59.1	0.004	2	1.07	0.004	0.08	<0.1	2.1	0.08	<0.02	54	0.1	0.05	3.4	1.03
1097722	Soil	7.9	19.9	0.33	167.6	0.003	6	1.37	0.006	0.10	<0.1	2.9	0.08	0.06	149	0.5	0.03	3.6	0.94
REP 1097722	QC	7.4	20.0	0.31	153.9	0.003	5	1.38	0.006	0.11	<0.1	2.9	0.08	0.06	126	0.5	0.04	3.6	0.92
1097759	Soil	13.4	21.8	1.28	142.1	0.005	4	1.51	0.004	0.08	<0.1	3.1	0.12	0.04	76	0.3	0.04	3.6	0.93
REP 1097759	QC	13.6	21.6	1.33	142.2	0.006	5	1.59	0.005	0.09	<0.1	3.1	0.13	0.04	89	0.3	0.04	3.7	1.04
1097783	Soil	10.5	18.1	0.98	134.8	0.002	2	1.29	0.004	0.07	<0.1	3.5	0.11	0.04	66	0.3	0.04	3.0	0.82
REP 1097783	QC	10.6	18.4	0.91	131.7	0.003	3	1.33	0.004	0.08	<0.1	3.6	0.11	0.04	71	0.3	0.05	2.9	0.96
1097787	Soil	7.6	22.9	0.61	114.1	0.003	3	1.29	0.003	0.09	<0.1	4.5	0.11	0.03	186	0.3	0.04	3.8	1.51
REP 1097787	QC	7.4	22.1	0.60	113.5	0.003	3	1.26	0.003	0.09	<0.1	4.4	0.10	0.03	172	0.3	0.03	3.8	1.52
1097813	Soil	10.3	26.4	2.88	121.2	0.003	6	1.07	0.006	0.08	<0.1	3.4	0.20	<0.02	293	0.6	0.09	2.7	0.58
REP 1097813	QC	10.1	26.5	2.93	124.1	0.004	7	1.11	0.006	0.09	<0.1	3.4	0.21	<0.02	300	0.5	0.13	2.7	0.61
1096788	Soil	10.9	19.6	2.12	100.4	0.003	5	1.23	0.003	0.08	<0.1	2.8	0.12	0.06	135	0.5	0.06	2.9	0.58
REP 1096788	QC	11.5	20.6	2.24	105.8	0.004	5	1.32	0.003	0.08	<0.1	2.9	0.12	0.06	121	0.6	0.05	3.0	0.61
1097507	Soil	2.9	10.1	0.18	174.3	0.001	4	0.64	0.006	0.05	<0.1	1.4	0.09	0.10	117	0.4	0.02	1.5	1.17
REP 1097507	QC	2.9	10.3	0.18	181.0	0.001	4	0.59	0.005	0.05	<0.1	1.5	0.08	0.10	104	0.5	0.03	1.4	1.21
1097520	Soil	3.7	8.0	0.05	55.8	0.002	<1	0.35	0.001	0.09	<0.1	1.8	0.04	<0.02	25	0.1	0.06	1.9	0.53
REP 1097520	QC	4.2	8.1	0.05	57.4	0.003	<1	0.39	0.001	0.09	<0.1	1.8	0.05	<0.02	30	<0.1	0.08	2.1	0.67
1097538	Soil	7.0	11.4	4.59	56.6	0.004	3	0.80	0.008	0.05	0.1	2.1	0.19	0.05	12708	0.8	<0.02	2.8	0.48
REP 1097538	QC	7.5	11.9	4.92	61.7	0.004	4	0.85	0.008	0.05	<0.1	2.2	0.19	0.05	13711	1.0	<0.02	3.1	0.53
1098510	Soil	2.3	4.7	8.62	59.1	0.003	4	0.25	0.010	0.03	<0.1	0.5	0.05	<0.02	57	0.3	<0.02	0.6	0.20
REP 1098510	QC	2.4	5.0	8.70	61.2	0.003	4	0.25	0.010	0.03	<0.1	0.5	0.05	<0.02	61	0.4	<0.02	0.7	0.21
1098530	Soil	5.8	19.9	0.27	115.0	0.002	1	1.34	0.002	0.09	<0.1	3.2	0.10	<0.02	40	0.2	0.04	3.3	2.00
REP 1098530	QC	5.6	19.1	0.27	116.5	0.002	2	1.31	0.002	0.08	<0.1	3.1	0.10	<0.02	41	0.2	0.03	3.2	1.87
1098554	Soil	5.9	15.6	0.63	95.6	0.001	4	0.85	0.005	0.10	<0.1	5.4	0.15	0.06	130	0.2	0.07	2.2	1.47
REP 1098554	QC	6.7	17.6	0.73	107.6	0.002	4	1.09	0.005	0.12	<0.1	6.2	0.18	0.07	142	0.3	0.03	2.6	1.77
1098557	Soil	6.1	16.1	4.03	62.1	0.005	4	0.87	0.006	0.06	<0.1	2.5	0.12	0.02	135	0.4	0.06	2.0	0.60
REP 1098557	QC	6.2	15.5	3.95	63.4	0.005	3	0.85	0.006	0.06	<0.1	2.4	0.11	0.02	124	0.4	0.06	1.9	0.61



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Part 3

QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
Pulp Duplicates													
1097702	Soil	0.43	9.6	2.8	<0.05	0.7	2.35	14.5	<0.02	<1	0.5	17.6	<10
REP 1097702	QC	0.47	9.8	2.9	<0.05	0.8	2.56	15.4	0.03	<1	0.6	17.7	<10
1097722	Soil	0.42	10.3	1.4	<0.05	1.0	8.60	15.8	0.03	<1	0.8	22.6	<10
REP 1097722	QC	0.46	10.3	1.4	<0.05	0.8	8.33	14.5	0.03	<1	0.6	21.8	<10
1097759	Soil	0.40	8.8	1.1	<0.05	1.2	10.93	29.3	0.03	<1	0.8	9.7	<10
REP 1097759	QC	0.40	9.1	1.1	<0.05	1.0	10.87	29.2	0.03	<1	0.9	10.9	<10
1097783	Soil	0.30	8.4	2.7	<0.05	1.6	11.84	24.4	0.04	<1	1.0	18.1	<10
REP 1097783	QC	0.29	8.9	2.3	<0.05	1.3	11.41	24.3	0.04	<1	0.8	19.6	<10
1097787	Soil	0.27	10.4	4.5	<0.05	1.4	9.46	19.4	0.04	<1	1.2	22.8	<10
REP 1097787	QC	0.27	10.1	3.1	<0.05	1.4	9.38	19.1	0.03	<1	1.2	22.6	<10
1097813	Soil	0.27	10.3	3.0	<0.05	1.9	13.59	23.7	0.03	<1	0.6	9.3	<10
REP 1097813	QC	0.26	10.7	3.2	<0.05	1.9	13.64	23.1	0.03	<1	0.6	9.6	<10
1096788	Soil	0.22	6.4	1.2	<0.05	2.2	12.17	22.4	0.03	<1	0.9	8.6	<10
REP 1096788	QC	0.25	6.9	1.1	<0.05	2.2	12.67	23.6	0.03	<1	0.9	8.6	<10
1097507	Soil	0.15	5.0	0.7	<0.05	1.3	6.59	8.5	<0.02	<1	0.7	14.3	<10
REP 1097507	QC	0.14	5.3	0.7	<0.05	1.4	6.51	8.8	0.02	<1	0.5	15.3	<10
1097520	Soil	0.17	5.2	0.8	<0.05	<0.1	1.32	7.8	0.03	<1	0.5	1.0	<10
REP 1097520	QC	0.18	6.3	0.9	<0.05	0.1	1.43	8.9	0.02	<1	0.4	1.3	<10
1097538	Soil	0.15	4.2	0.8	<0.05	1.2	8.70	14.2	0.02	<1	0.3	6.2	<10
REP 1097538	QC	0.18	4.2	0.9	<0.05	1.2	9.18	15.2	0.04	<1	0.4	6.3	<10
1098510	Soil	0.06	3.2	3.2	<0.05	0.5	5.37	5.6	<0.02	<1	0.3	1.8	<10
REP 1098510	QC	0.04	3.2	3.6	<0.05	0.5	5.57	5.9	<0.02	<1	0.2	1.8	<10
1098530	Soil	0.22	9.4	0.8	<0.05	1.4	5.08	16.6	0.04	<1	0.9	37.8	<10
REP 1098530	QC	0.21	8.9	0.8	<0.05	1.5	5.12	16.2	0.03	<1	0.9	35.7	<10
1098554	Soil	0.15	6.3	4.9	<0.05	2.1	12.46	16.2	0.04	<1	0.8	20.7	<10
REP 1098554	QC	0.17	7.7	6.8	<0.05	2.5	14.11	18.1	0.06	<1	1.0	22.5	11
1098557	Soil	0.20	4.2	0.6	<0.05	1.4	8.44	12.2	0.03	<1	0.7	11.3	<10
REP 1098557	QC	0.18	4.3	0.6	<0.05	1.4	8.58	12.5	<0.02	<1	0.6	11.6	<10



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Part 1

QUALITY CONTROL REPORT

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		1F15 Mo ppm 0.01	1F15 Cu ppm 0.01	1F15 Pb ppm 0.01	1F15 Zn ppm 0.1	1F15 Ag ppb 2	1F15 Ni ppm 0.1	1F15 Co ppm 0.1	1F15 Mn ppm 1	1F15 Fe % 0.01	1F15 As ppm 0.1	1F15 U ppm 0.1	1F15 Au ppb 0.2	1F15 Th ppm 0.1	1F15 Sr ppm 0.5	1F15 Cd ppm 0.01	1F15 Sb ppm 0.02	1F15 Bi ppm 0.02	1F15 V ppm 2	1F15 Ca % 0.01	1F15 P % 0.001
1098593	Soil	0.62	41.85	31.86	95.3	64	35.5	16.9	520	5.58	6.0	0.5	0.3	4.3	5.0	0.03	0.14	0.50	33	<0.01	0.036
REP 1098593	QC	0.62	43.19	31.96	92.7	64	37.2	16.7	537	5.65	6.0	0.5	0.4	4.3	5.0	0.03	0.14	0.51	34	<0.01	0.037
1098709	Soil	0.82	17.74	71.90	89.1	147	28.3	8.9	1488	4.95	35.5	1.3	2.2	2.9	7.6	0.12	2.76	0.35	25	0.21	0.066
REP 1098709	QC	0.81	18.01	72.69	93.0	145	28.8	9.2	1528	5.02	35.8	1.3	3.7	2.9	7.7	0.15	2.75	0.36	25	0.21	0.069
1098728	Soil	0.44	18.97	28.70	111.7	140	20.8	8.4	916	3.40	10.5	0.9	1.3	2.0	55.0	0.32	0.58	0.30	23	1.76	0.065
REP 1098728	QC	0.46	17.77	29.05	108.1	131	20.5	8.5	889	3.43	10.8	0.9	1.1	1.9	52.8	0.30	0.57	0.30	23	1.76	0.064
1096583	Soil	0.85	23.28	32.44	80.3	126	26.5	13.1	461	3.86	9.3	0.5	0.6	1.9	22.3	0.14	0.48	0.39	24	0.23	0.068
REP 1096583	QC	0.74	21.84	30.91	76.1	117	25.5	12.4	442	3.76	8.7	0.5	0.9	1.8	21.5	0.14	0.44	0.37	23	0.22	0.061
Reference Materials																					
STD DS8	Standard	12.04	105.3	123.1	297.0	1764	34.3	6.9	569	2.34	28.0	2.7	120.6	6.6	62.5	2.21	5.29	6.61	38	0.67	0.079
STD DS8	Standard	13.50	103.4	133.6	317.4	1894	38.6	7.2	613	2.43	26.8	2.9	124.1	6.8	65.9	2.40	5.47	6.62	41	0.69	0.084
STD DS8	Standard	11.56	100.6	111.2	279.8	1646	33.8	7.1	546	2.19	23.6	2.5	108.4	6.1	56.9	2.00	4.75	5.94	37	0.61	0.073
STD DS8	Standard	13.16	104.2	122.9	302.6	1688	36.0	7.5	601	2.27	25.9	2.8	106.8	6.8	59.0	2.15	5.21	6.54	39	0.73	0.078
STD DS8	Standard	13.72	122.1	108.2	275.3	1616	33.4	6.5	521	2.12	23.5	2.2	98.1	5.4	74.1	1.97	4.49	5.74	35	0.59	0.071
STD DS8	Standard	14.89	119.6	136.6	345.1	1967	42.2	8.4	654	2.66	29.3	3.1	123.5	7.1	70.5	2.57	6.15	7.31	44	0.81	0.087
STD DS8	Standard	12.88	97.69	116.4	285.9	1689	35.8	7.0	591	2.39	26.2	2.7	107.2	6.4	64.9	2.03	5.33	6.33	39	0.70	0.079
STD DS8	Standard	11.64	102.5	114.0	287.9	1641	34.9	7.2	587	2.30	26.4	2.6	102.5	6.3	63.8	2.25	4.88	6.25	42	0.67	0.081
STD DS8	Standard	13.43	109.8	125.6	318.8	1891	39.2	7.8	614	2.48	28.3	3.0	121.5	7.1	62.1	2.21	5.33	6.08	42	0.76	0.077
STD DS8	Standard	12.00	102.3	109.6	309.1	1698	36.0	6.9	600	2.31	27.9	2.5	99.5	6.2	67.4	2.32	5.61	6.21	43	0.71	0.081
STD DS8 Expected		13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001



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Part 2

QUALITY CONTROL REPORT

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		1F15 La ppm 0.5	1F15 Cr ppm 0.5	1F15 Mg % 0.01	1F15 Ba ppm 0.5	1F15 Ti % 0.001	1F15 B ppm 1	1F15 Al % 0.01	1F15 Na % 0.001	1F15 K % 0.01	1F15 W ppm 0.1	1F15 Sc ppm 0.1	1F15 Ti ppm 0.02	1F15 S % 0.02	1F15 Hg ppb 5	1F15 Se ppm 0.1	1F15 Te ppm 0.02	1F15 Ga ppm 0.1	1F15 Cs ppm 0.02	1F15 Ge ppm 0.1	1F15 Hf ppm 0.02
1098593	Soil	4.5	48.5	0.66	69.3	0.002	<1	2.47	0.007	0.08	<0.1	3.7	0.13	<0.02	19	0.2	<0.02	8.7	3.15	<0.1	0.06
REP 1098593	QC	4.5	46.9	0.66	72.2	0.002	<1	2.49	0.007	0.08	<0.1	3.7	0.12	<0.02	22	0.1	<0.02	8.5	3.27	<0.1	0.04
1098709	Soil	10.5	19.2	0.13	113.2	<0.001	1	1.33	<0.001	0.07	<0.1	5.0	0.12	0.02	444	0.4	0.04	2.5	0.44	<0.1	0.06
REP 1098709	QC	11.2	20.1	0.12	121.2	<0.001	1	1.33	<0.001	0.06	<0.1	5.2	0.12	0.02	502	0.4	0.04	2.6	0.42	<0.1	0.05
1098728	Soil	10.5	17.9	0.57	121.8	0.003	3	1.20	0.004	0.09	<0.1	3.4	0.11	0.04	86	0.4	0.05	3.3	0.91	<0.1	0.04
REP 1098728	QC	9.9	17.9	0.56	117.5	0.003	3	1.18	0.004	0.09	<0.1	3.5	0.11	0.05	75	0.3	0.05	3.2	0.94	<0.1	0.05
1096583	Soil	5.5	20.8	0.29	106.6	0.006	1	1.15	0.004	0.12	<0.1	2.6	0.10	0.03	15	0.2	<0.02	3.6	2.68	<0.1	0.02
REP 1096583	QC	4.9	20.4	0.29	96.5	0.006	3	1.06	0.004	0.11	<0.1	2.7	0.09	0.03	8	0.4	0.02	3.5	2.49	<0.1	0.02
Reference Materials																					
STD DS8	Standard	14.1	115.0	0.60	257.9	0.102	3	0.92	0.101	0.42	2.7	2.1	5.34	0.15	186	4.8	4.51	4.3	2.33	<0.1	0.06
STD DS8	Standard	16.2	124.7	0.62	289.8	0.112	2	1.00	0.108	0.45	3.3	2.3	5.95	0.16	171	5.3	5.30	4.8	2.69	<0.1	0.08
STD DS8	Standard	13.2	107.4	0.54	235.1	0.096	3	0.83	0.088	0.38	2.6	2.0	4.80	0.14	171	4.7	4.34	4.0	2.11	<0.1	0.08
STD DS8	Standard	15.2	116.5	0.59	278.2	0.111	2	0.89	0.091	0.40	3.0	2.2	5.27	0.16	195	4.8	4.75	4.7	2.32	0.2	0.07
STD DS8	Standard	10.6	106.6	0.54	257.1	0.124	2	0.79	0.076	0.36	2.2	1.8	4.77	0.14	180	4.2	4.11	3.7	2.38	<0.1	0.05
STD DS8	Standard	16.9	128.5	0.68	307.3	0.118	3	1.07	0.083	0.48	3.2	2.3	6.08	0.18	230	5.6	5.58	5.0	2.81	0.1	0.07
STD DS8	Standard	15.6	120.5	0.58	273.3	0.117	3	1.00	0.102	0.44	2.9	2.3	5.17	0.15	206	4.5	4.25	4.3	2.23	<0.1	0.07
STD DS8	Standard	14.6	111.0	0.57	252.2	0.113	2	0.86	0.085	0.39	2.6	2.0	4.84	0.15	165	5.1	4.26	4.1	2.26	<0.1	0.06
STD DS8	Standard	16.0	127.3	0.63	271.4	0.120	3	1.03	0.099	0.45	3.1	2.7	5.67	0.16	202	5.4	5.27	5.1	2.61	0.1	0.07
STD DS8	Standard	14.8	113.9	0.58	261.3	0.114	3	0.93	0.095	0.41	2.8	2.1	4.74	0.16	191	4.4	4.37	4.4	2.25	0.1	0.07
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7	2.48	0.13	0.08
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02



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Part 3

QUALITY CONTROL REPORT

WHI11001189.1

		1F15 Nb ppm 0.02	1F15 Rb ppm 0.1	1F15 Sn ppm 0.1	1F15 Ta ppm 0.05	1F15 Zr ppm 0.1	1F15 Y ppm 0.01	1F15 Ce ppm 0.1	1F15 In ppm 0.02	1F15 Re ppb 1	1F15 Be ppm 0.1	1F15 Li ppm 0.1	1F15 Pd ppb 10	1F15 Pt ppb 2
1098593	Soil	0.30	11.8	3.1	<0.05	1.6	3.05	10.6	0.05	<1	1.6	51.5	<10	<2
REP 1098593	QC	0.31	11.9	3.2	<0.05	1.8	3.12	11.1	0.04	<1	1.5	51.8	<10	<2
1098709	Soil	0.12	7.4	1.8	<0.05	1.6	13.24	19.7	0.04	<1	0.9	4.5	<10	<2
REP 1098709	QC	0.11	7.1	1.6	<0.05	1.6	13.65	21.0	0.05	<1	0.8	4.7	<10	<2
1098728	Soil	0.32	8.8	1.1	<0.05	1.3	9.87	19.6	0.03	<1	0.9	15.4	<10	<2
REP 1098728	QC	0.32	8.4	1.2	<0.05	1.3	9.59	18.7	0.04	<1	0.9	16.1	<10	<2
1096583	Soil	0.28	15.7	2.9	<0.05	0.8	3.81	12.0	0.03	<1	0.8	28.4	<10	<2
REP 1096583	QC	0.29	15.3	2.4	<0.05	0.8	3.59	11.1	0.04	<1	0.9	26.3	<10	<2
Reference Materials														
STD DS8	Standard	1.06	36.2	6.6	<0.05	1.5	5.54	25.3	2.19	59	5.1	26.8	111	327
STD DS8	Standard	1.24	39.7	6.9	<0.05	1.8	6.61	29.6	2.30	60	4.8	27.3	119	369
STD DS8	Standard	1.21	34.5	5.8	<0.05	1.6	5.15	23.8	1.89	47	4.1	25.4	112	320
STD DS8	Standard	1.35	34.0	6.3	<0.05	1.8	5.66	26.9	1.89	55	4.8	27.9	132	328
STD DS8	Standard	1.05	36.5	5.4	<0.05	1.3	5.28	22.8	1.71	41	4.6	25.0	115	323
STD DS8	Standard	1.51	42.1	7.1	<0.05	1.6	6.53	30.4	2.34	66	5.5	30.7	116	392
STD DS8	Standard	1.63	34.7	6.0	<0.05	1.8	6.11	29.2	1.88	53	4.9	27.6	128	346
STD DS8	Standard	1.26	35.5	6.4	<0.05	1.7	5.31	24.2	2.04	51	4.6	26.5	79	316
STD DS8	Standard	1.51	40.3	6.2	<0.05	1.8	6.73	31.4	2.24	61	5.2	26.7	114	352
STD DS8	Standard	1.34	37.6	6.8	<0.05	2.1	6.11	26.8	2.13	54	5.0	27.6	80	309
STD DS8 Expected		1.65	39	6.7	0.003	2.3	6.1	29.8	2.19	55	5.2	26.34	110	339
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2

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Part 1

QUALITY CONTROL REPORT

WHI11001189.1

		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001



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Part 2

QUALITY CONTROL REPORT

WHI11001189.1

		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
		BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02



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QUALITY CONTROL REPORT

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		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10



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Submitted By: Roger Hulstein

Receiving Lab: Canada-Whitehorse

Received: August 20, 2011

Report Date: December 16, 2011

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CERTIFICATE OF ANALYSIS

WHI11001191.2

CLIENT JOB INFORMATION

Project: Scarlet
Shipment ID: 2011-22
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

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: Radius Gold Inc.
Suite 650 - 200 Burrard Street
Vancouver BC V6C 3L6
Canada

CC: David Clark
database backup
Simon Ridgway
Scott Turton

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	320	Dry at 60C			WHI
1F05	319	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
RJSV	320	Saving all or part of Soil Reject			WHI

ADDITIONAL COMMENTS

Version 2: Revised Sample IDs - Samples 1096401 and 1096402 should be listed as 1098401 and 1098402



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



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CERTIFICATE OF ANALYSIS

WHI11001191.2

	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
1098252	Soil	0.31	10.82	19.02	62.3	128	14.1	5.7	469	2.10	5.6	1.2	<0.2	0.8	70.7	0.25	0.22	0.16	10	1.36
1098253	Soil	0.54	11.93	32.00	111.0	88	17.6	5.4	438	3.13	14.6	0.9	<0.2	2.4	9.6	0.19	0.85	0.24	19	0.58
1098254	Soil	0.52	12.45	27.43	72.8	137	15.4	5.2	464	2.29	10.2	1.3	<0.2	1.1	41.4	0.21	0.48	0.20	21	1.24
1098255	Soil	0.47	9.37	19.58	48.4	117	9.5	3.8	2242	3.17	17.9	0.8	<0.2	0.4	28.2	0.38	1.07	0.10	12	10.29
1098256	Soil	0.82	15.00	20.92	49.6	61	16.8	9.3	630	3.26	10.1	0.4	<0.2	2.7	8.2	0.15	0.50	0.26	33	0.24
1098257	Soil	0.74	18.63	24.58	68.8	82	18.6	9.5	2397	4.53	18.9	1.1	<0.2	1.6	12.3	0.20	0.72	0.26	24	0.96
1098258	Soil	0.68	26.71	28.52	54.2	65	27.5	15.7	445	3.67	9.0	0.5	0.2	4.3	9.0	0.05	0.30	0.34	27	0.40
1098259	Soil	0.42	24.98	29.37	45.0	68	26.7	16.9	653	2.89	28.6	0.5	<0.2	2.9	5.0	0.05	0.32	0.33	9	0.06
1098260	Soil	0.52	22.69	30.50	76.8	92	25.3	20.4	1100	3.55	6.5	0.5	<0.2	2.8	15.3	0.16	0.15	0.42	30	0.56
1098261	Soil	0.78	28.57	33.40	94.2	122	34.1	21.0	567	4.52	8.4	0.6	<0.2	4.6	6.4	0.10	0.19	0.39	35	0.03
1098262	Soil	0.81	15.02	18.44	63.6	68	11.8	6.2	233	3.21	6.5	0.4	2.7	2.1	4.4	0.10	0.44	0.41	42	0.03
1098263	Soil	1.40	17.66	29.71	117.8	265	23.5	11.5	492	4.16	10.3	0.5	<0.2	3.4	8.3	0.16	0.60	0.37	50	0.08
1098264	Soil	0.72	19.07	23.21	112.3	144	20.2	11.1	721	3.26	5.4	0.3	<0.2	2.5	7.3	0.13	0.26	0.39	36	0.07
1098612	Soil	0.95	31.69	36.90	61.0	114	18.7	9.3	442	5.27	14.6	0.5	3.5	2.9	25.5	0.17	0.63	0.40	22	0.04
1098613	Soil	0.96	57.23	68.49	119.6	169	49.0	26.6	1277	4.55	5.3	1.0	3.1	3.4	27.2	0.24	0.42	0.48	21	0.24
1098614	Soil	0.64	49.64	28.61	111.7	139	45.3	16.8	390	3.42	9.1	0.6	5.7	5.3	29.0	0.18	0.48	0.34	15	0.21
1098615	Soil	1.56	97.79	32.64	59.4	234	25.0	14.1	283	3.73	24.3	3.6	5.8	4.0	34.5	0.08	0.58	0.35	8	0.25
1098616	Soil	1.05	56.06	53.36	126.6	160	48.9	23.8	847	3.43	6.2	1.2	7.8	6.9	233.8	0.26	0.47	0.39	20	1.78
1098617	Soil	1.12	51.83	29.05	130.8	161	41.5	16.0	351	2.89	8.8	2.0	10.2	7.2	59.5	0.28	0.63	0.32	25	1.50
1098618	Soil	1.34	30.93	25.01	103.3	181	22.1	8.8	314	2.18	10.6	3.6	2.6	0.8	123.4	0.35	0.47	0.17	16	2.11
1098619	Soil	4.73	67.99	31.60	132.5	4512	35.2	13.2	277	2.18	23.7	10.8	48.1	5.4	152.7	1.44	1.14	0.29	33	3.60
1098620	Soil	0.44	25.57	29.26	83.7	41	25.9	14.1	753	3.22	11.7	1.3	0.5	5.0	42.4	0.12	0.29	0.42	20	0.63
1098621	Soil	0.82	28.36	33.52	128.5	106	19.2	25.0	2130	4.69	14.4	0.5	0.9	2.1	6.0	0.22	0.44	0.38	33	0.03
1098622	Soil	0.97	28.03	36.44	70.1	69	26.8	13.8	404	3.70	12.9	0.5	0.7	2.9	8.2	0.03	0.52	0.37	26	0.07
1098623	Soil	0.59	31.12	50.02	84.5	63	27.1	21.5	1927	3.96	13.4	0.7	0.9	2.8	22.3	0.08	0.34	0.39	26	0.27
1098624	Soil	0.47	18.53	29.12	70.1	186	26.5	8.4	252	2.00	9.1	1.4	1.3	1.6	50.3	0.08	0.47	0.28	7	1.34
1098625	Soil	0.57	13.27	34.71	56.6	162	16.0	5.5	949	1.95	12.4	1.1	2.6	0.7	50.1	0.30	0.60	0.22	7	3.42
1098626	Soil	0.39	12.08	44.73	75.8	149	15.4	5.0	455	1.63	9.6	1.3	1.2	1.3	22.8	0.19	0.39	0.17	5	5.83
1098627	Soil	0.46	16.09	41.15	134.7	202	16.2	7.4	1564	2.87	31.0	2.5	2.5	1.4	30.8	0.34	1.71	0.17	17	9.03
1098628	Soil	0.74	20.63	47.02	211.3	181	22.2	8.2	1205	3.11	20.1	2.5	1.5	2.7	15.6	0.40	1.31	0.24	26	3.28



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1098252	Soil	14.8	8.5	0.09	57.9	0.002	3	0.56	0.006	0.08	<0.1	1.9	0.10	0.06	219	0.3	<0.02	1.3	0.76	<0.1
1098253	Soil	11.2	14.7	0.23	84.7	0.002	1	1.03	0.003	0.09	<0.1	3.1	0.07	0.04	98	0.3	0.05	2.6	0.36	<0.1
1098254	Soil	10.9	15.7	0.34	89.6	0.004	2	0.99	0.004	0.07	<0.1	2.0	0.08	0.06	142	0.3	0.03	2.5	0.45	<0.1
1098255	Soil	8.9	9.5	5.00	70.0	0.003	3	0.49	0.006	0.03	<0.1	1.3	0.06	<0.02	157	0.3	0.06	1.1	0.26	<0.1
1098256	Soil	7.1	20.2	0.24	121.0	0.004	1	1.28	0.002	0.13	<0.1	2.0	0.10	<0.02	21	0.1	0.05	4.6	0.83	<0.1
1098257	Soil	13.2	18.2	0.37	151.6	0.004	2	1.09	0.005	0.11	<0.1	2.9	0.11	0.07	82	0.2	0.04	2.9	0.71	<0.1
1098258	Soil	7.7	27.0	0.28	146.0	0.004	2	1.42	0.002	0.26	<0.1	3.4	0.15	0.02	50	0.1	0.04	5.9	2.02	<0.1
1098259	Soil	4.7	7.1	0.05	146.3	<0.001	2	0.42	0.002	0.14	<0.1	3.1	0.09	0.02	35	<0.1	0.03	1.3	1.53	<0.1
1098260	Soil	9.2	28.9	0.27	214.6	0.004	2	1.55	0.003	0.29	<0.1	3.4	0.14	0.03	30	0.1	0.03	6.7	1.38	<0.1
1098261	Soil	6.5	42.4	0.38	88.8	0.007	<1	1.92	0.003	0.16	<0.1	3.9	0.17	0.02	56	0.1	0.03	8.3	4.32	<0.1
1098262	Soil	6.0	20.2	0.14	119.5	0.004	<1	1.24	0.002	0.11	<0.1	1.5	0.08	<0.02	13	<0.1	<0.02	6.3	0.83	<0.1
1098263	Soil	8.6	33.3	0.40	113.2	0.010	<1	1.86	0.002	0.12	0.1	2.4	0.11	<0.02	29	0.3	0.05	6.8	1.27	<0.1
1098264	Soil	5.3	29.7	0.29	171.3	0.002	<1	1.88	0.004	0.15	<0.1	2.4	0.10	0.02	43	0.1	0.03	7.2	0.97	<0.1
1098612	Soil	3.4	22.1	0.23	104.6	0.002	3	1.20	0.016	0.14	<0.1	2.7	0.16	0.22	119	1.0	0.05	3.6	1.58	<0.1
1098613	Soil	7.0	48.2	1.09	143.0	0.009	7	2.12	0.001	0.11	<0.1	5.0	0.19	0.07	63	1.0	0.03	6.1	6.06	<0.1
1098614	Soil	5.1	22.1	0.49	77.3	0.004	5	0.93	0.002	0.12	<0.1	6.9	0.11	<0.02	137	<0.1	0.03	3.0	2.23	<0.1
1098615	Soil	2.7	16.4	0.17	109.6	0.002	4	1.07	0.005	0.15	<0.1	4.5	0.33	0.13	299	4.0	0.12	2.7	2.09	<0.1
1098616	Soil	11.1	37.9	1.39	185.3	0.008	7	1.16	0.003	0.19	<0.1	7.7	0.25	<0.02	137	0.4	0.03	4.3	5.54	<0.1
1098617	Soil	24.6	32.6	0.77	89.0	0.003	5	0.52	0.005	0.12	<0.1	6.8	0.13	0.02	338	1.3	0.06	2.1	0.74	<0.1
1098618	Soil	17.4	16.4	0.20	88.1	0.002	3	0.39	0.004	0.07	<0.1	2.0	0.13	0.06	335	1.2	0.04	1.3	0.19	<0.1
1098619	Soil	16.2	16.4	1.24	122.4	0.002	9	0.68	0.005	0.17	<0.1	4.0	0.33	0.04	804	2.6	0.07	1.8	0.56	<0.1
1098620	Soil	13.0	23.5	0.42	285.8	0.002	4	1.76	0.003	0.13	<0.1	6.6	0.11	0.03	29	0.3	0.06	4.8	1.16	<0.1
1098621	Soil	3.4	27.1	0.30	112.9	0.004	3	1.75	<0.001	0.14	<0.1	3.0	0.10	0.02	38	0.3	0.10	6.8	2.57	<0.1
1098622	Soil	4.6	25.4	0.42	49.4	0.005	4	1.64	<0.001	0.10	<0.1	2.8	0.09	<0.02	33	0.3	0.06	4.3	4.20	<0.1
1098623	Soil	6.3	29.4	0.39	157.0	0.002	4	2.04	0.005	0.14	<0.1	4.4	0.12	0.03	33	0.2	<0.02	5.7	3.82	<0.1
1098624	Soil	7.1	9.4	0.13	95.1	0.001	5	0.61	0.003	0.07	<0.1	2.6	0.11	0.07	264	0.5	0.04	1.5	0.98	<0.1
1098625	Soil	7.5	8.1	1.15	91.0	0.003	7	0.45	0.008	0.08	<0.1	1.4	0.13	0.13	240	0.8	0.10	1.1	1.21	0.1
1098626	Soil	4.3	6.5	2.99	43.3	<0.001	4	0.26	0.005	0.07	<0.1	1.6	0.11	0.05	437	0.4	0.04	0.7	0.41	<0.1
1098627	Soil	11.9	13.1	4.50	62.1	0.004	5	0.83	0.008	0.06	<0.1	2.1	0.14	0.03	607	0.4	0.11	1.7	0.43	<0.1
1098628	Soil	13.7	22.1	2.12	108.4	0.006	4	1.19	0.006	0.08	0.1	3.1	0.13	0.04	638	0.6	0.12	2.8	0.73	<0.1



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1098252	Soil	0.17	6.5	0.9	<0.05	1.3	15.24	41.3	<0.02	<1	0.9	2.8	<10
1098253	Soil	0.27	6.2	1.9	<0.05	2.3	14.14	22.2	0.04	<1	0.9	6.8	<10
1098254	Soil	0.32	6.0	3.4	<0.05	1.1	10.27	25.1	0.02	<1	0.7	6.2	<10
1098255	Soil	0.09	2.8	5.4	<0.05	0.7	15.04	19.6	<0.02	<1	0.4	2.6	<10
1098256	Soil	0.37	15.4	3.0	<0.05	0.6	2.51	16.5	<0.02	<1	0.6	16.8	<10
1098257	Soil	0.26	9.7	3.4	<0.05	1.3	15.47	26.8	0.04	<1	1.0	7.6	<10
1098258	Soil	0.44	19.3	4.7	<0.05	1.3	6.45	20.2	0.03	<1	1.2	21.1	<10
1098259	Soil	0.06	9.4	4.2	<0.05	0.4	4.20	12.7	0.02	<1	0.9	1.3	<10
1098260	Soil	0.56	20.4	2.0	<0.05	0.6	5.56	24.5	0.03	<1	1.0	22.4	<10
1098261	Soil	0.47	22.5	10.6	<0.05	1.3	3.88	16.2	0.04	2	1.2	30.3	<10
1098262	Soil	0.56	13.5	1.7	<0.05	0.5	1.86	11.7	0.03	<1	0.5	9.7	<10
1098263	Soil	0.88	14.5	5.1	<0.05	1.0	2.53	19.0	0.03	<1	0.7	33.1	<10
1098264	Soil	0.37	16.2	4.0	<0.05	0.8	2.79	12.2	0.04	<1	0.9	29.6	<10
1098612	Soil	0.30	9.9	2.2	<0.05	1.3	2.54	9.0	0.06	<1	0.5	16.7	<10
1098613	Soil	0.31	15.7	10.9	<0.05	1.7	10.41	29.8	0.04	<1	2.5	69.6	<10
1098614	Soil	0.11	9.0	3.8	<0.05	2.7	13.65	14.1	0.05	<1	1.2	24.9	<10
1098615	Soil	0.12	7.6	3.3	<0.05	3.0	4.71	6.5	0.05	<1	0.7	13.4	<10
1098616	Soil	0.18	18.0	12.9	<0.05	4.3	12.21	28.1	<0.02	<1	0.9	31.4	12
1098617	Soil	0.09	8.0	6.8	<0.05	2.5	16.25	60.3	0.04	<1	1.2	6.9	<10
1098618	Soil	0.04	4.8	5.4	<0.05	1.3	12.48	41.7	0.02	<1	0.7	5.1	<10
1098619	Soil	0.09	8.5	2.0	<0.05	3.9	16.72	40.3	0.03	<1	1.4	7.7	<10
1098620	Soil	0.26	13.9	3.8	<0.05	2.9	15.65	42.1	0.05	<1	1.3	31.8	<10
1098621	Soil	0.36	16.2	3.9	<0.05	1.4	2.49	8.5	0.02	<1	1.1	29.9	<10
1098622	Soil	0.31	10.0	6.3	<0.05	1.3	2.83	10.8	0.02	<1	1.0	40.4	<10
1098623	Soil	0.27	18.7	3.0	<0.05	2.1	7.17	21.4	0.04	<1	1.7	50.2	<10
1098624	Soil	0.17	6.3	3.2	<0.05	2.3	13.86	20.4	0.02	2	0.9	10.5	<10
1098625	Soil	0.13	7.2	1.3	<0.05	1.3	9.54	25.1	0.04	<1	1.6	2.7	<10
1098626	Soil	0.05	2.5	2.9	<0.05	1.5	8.21	12.5	<0.02	<1	0.8	1.2	<10
1098627	Soil	0.15	4.2	0.5	<0.05	1.4	14.69	25.1	<0.02	<1	0.6	4.3	<10
1098628	Soil	0.31	7.0	2.8	<0.05	1.5	14.60	29.1	0.02	<1	0.6	9.2	<10



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	Method Analyte	Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
			ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
			0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
1098629	Soil		0.86	14.26	23.07	54.7	26	16.3	7.1	340	3.07	11.3	0.5	1.1	3.1	6.9	0.16	0.46	0.28	32
1098630	Soil		0.60	7.72	24.72	59.1	123	9.9	3.5	2107	2.19	21.8	1.0	1.9	0.5	52.8	0.21	1.06	0.07	8
1098631	Soil		0.68	24.33	45.09	69.7	141	23.0	10.0	1358	5.30	61.5	1.7	2.3	4.8	13.3	0.18	1.20	0.26	28
1098632	Soil		0.64	13.42	17.70	57.8	46	18.9	8.0	281	2.99	9.5	0.6	1.9	3.0	10.6	0.20	0.51	0.21	37
1098633	Soil		0.47	18.82	23.78	54.3	59	19.1	17.1	929	3.56	4.8	0.4	1.3	3.9	4.8	0.11	0.22	0.33	24
1098634	Soil		0.79	17.53	20.57	69.8	92	13.5	6.4	253	3.44	5.6	0.4	0.4	4.2	4.1	0.08	0.31	0.33	35
1098635	Soil		0.70	11.36	19.73	82.8	46	13.4	6.0	267	3.49	7.0	0.4	1.4	3.8	6.5	0.08	0.31	0.31	38
1098636	Soil		0.80	17.63	23.81	130.8	95	16.8	11.0	412	3.52	6.2	0.4	<0.2	4.5	5.0	0.25	0.30	0.37	36
1098637	Soil		0.42	14.61	21.18	71.4	42	14.7	7.1	380	2.44	5.8	0.6	0.6	1.6	4.4	0.05	0.18	0.28	14
1098638	Soil		1.05	20.32	16.51	75.4	48	26.3	9.1	299	2.68	7.6	0.7	1.9	3.1	8.6	0.09	0.65	0.23	40
1098639	Soil		0.47	16.15	26.74	36.2	79	18.3	9.6	193	1.75	5.7	0.7	1.0	2.3	6.4	0.11	0.20	0.25	8
1098640	Soil		0.46	16.51	19.45	66.4	259	19.8	5.2	264	2.12	8.9	1.1	0.6	2.1	50.1	0.23	0.62	0.20	19
1098641	Soil		0.42	15.63	66.46	314.3	182	19.7	5.8	655	2.85	15.6	1.2	0.8	3.1	25.1	0.96	1.16	0.21	20
1098642	Soil		0.28	23.08	40.75	50.6	114	20.9	8.1	2781	3.79	35.9	3.4	1.3	2.1	31.9	0.12	2.53	0.17	13
1098643	Soil		0.42	10.33	23.84	52.2	97	12.7	5.5	3428	3.16	13.4	0.8	1.4	0.5	23.5	0.30	1.04	0.11	13
1098644	Soil		0.55	13.13	23.67	173.3	124	15.1	9.4	3658	4.10	17.6	0.7	1.1	0.9	21.1	0.41	0.65	0.19	22
1098645	Soil		0.49	15.80	13.07	44.7	66	12.0	6.9	999	2.48	7.3	0.8	0.4	1.8	13.6	0.14	0.33	0.31	15
1098646	Soil		0.70	24.56	26.72	57.1	73	20.1	13.0	906	3.26	4.6	0.5	1.7	4.1	4.5	0.06	0.20	0.38	28
1098647	Soil		0.86	20.19	19.21	58.3	66	17.7	8.4	354	3.17	9.1	0.5	2.0	1.6	6.0	0.10	0.46	0.29	32
1098648	Soil		0.93	15.80	21.51	54.6	100	17.3	8.1	205	3.23	8.5	0.5	1.2	4.4	6.7	0.10	0.53	0.37	35
1098649	Soil		0.68	16.71	18.31	71.2	251	14.0	8.3	422	3.28	5.7	0.4	<0.2	4.0	4.1	0.13	0.32	0.39	34
1098650	Soil		0.87	20.90	28.54	77.1	46	19.7	14.9	606	3.93	6.0	0.5	1.8	3.2	4.4	0.07	0.37	0.38	34
1098401	Soil		0.67	18.00	16.35	115.4	136	16.7	13.8	590	3.76	6.2	0.4	<0.2	3.9	5.4	0.16	0.31	0.45	43
1098402	Soil		0.91	21.41	25.84	161.7	51	18.6	14.5	582	4.19	6.2	0.4	<0.2	3.1	6.0	0.15	0.35	0.45	49
1098658	Soil		0.60	43.28	29.86	92.6	70	43.7	21.5	610	4.40	14.9	0.7	0.7	4.2	89.2	0.06	0.29	0.43	16
1098659	Soil		0.57	29.08	33.43	125.9	106	31.1	13.3	316	2.85	11.2	0.6	1.2	2.8	62.3	0.12	0.30	0.29	10
1098660	Soil		0.44	32.97	29.73	67.6	73	26.4	11.4	251	3.98	16.8	1.2	<0.2	5.6	66.7	0.04	0.26	0.34	11
1098661	Soil		1.00	29.29	23.51	73.3	42	22.9	12.5	340	4.78	12.8	0.4	<0.2	2.6	7.8	0.11	0.64	0.36	34
1098662	Soil		0.29	27.29	16.60	55.8	57	25.3	9.8	193	2.71	6.3	0.5	1.3	4.4	47.5	0.03	0.19	0.29	15
1098663	Soil		0.58	43.57	23.58	98.5	103	42.0	16.9	597	3.64	7.0	0.8	1.7	4.6	30.8	0.13	0.34	0.31	18



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1098629	Soil	7.1	22.7	0.31	111.5	0.006	2	1.31	0.002	0.10	<0.1	2.1	0.13	0.02	44	0.2	0.03	4.3	1.40	<0.1
1098630	Soil	6.3	10.6	6.08	67.3	0.004	3	0.38	0.008	0.05	<0.1	1.0	0.37	0.02	287	0.2	<0.02	1.1	0.35	<0.1
1098631	Soil	16.0	22.1	0.36	91.0	0.003	3	1.68	0.001	0.10	<0.1	5.8	0.25	0.03	193	0.5	<0.02	3.9	1.02	<0.1
1098632	Soil	9.4	23.8	0.40	97.4	0.013	3	1.42	0.003	0.07	0.1	2.3	0.09	<0.02	43	<0.1	<0.02	4.0	1.25	<0.1
1098633	Soil	5.1	21.0	0.23	123.1	0.004	5	1.48	0.001	0.26	<0.1	3.8	0.17	0.02	26	0.3	0.04	5.1	2.55	<0.1
1098634	Soil	8.2	23.3	0.17	86.0	0.004	3	1.46	<0.001	0.12	<0.1	1.9	0.11	<0.02	13	<0.1	<0.02	6.6	1.19	<0.1
1098635	Soil	9.4	23.3	0.26	153.2	0.013	<1	1.28	0.001	0.11	0.1	2.0	0.11	<0.02	10	0.2	<0.02	5.4	1.24	<0.1
1098636	Soil	9.3	27.3	0.22	156.0	0.004	3	1.74	<0.001	0.17	<0.1	2.3	0.13	<0.02	17	0.2	0.03	6.0	1.36	<0.1
1098637	Soil	4.6	9.2	0.06	53.3	0.002	5	0.74	0.003	0.08	<0.1	1.5	0.12	0.03	25	0.4	0.03	2.4	1.54	<0.1
1098638	Soil	12.6	25.0	0.39	129.1	0.020	2	1.54	0.003	0.08	0.1	2.9	0.15	<0.02	41	0.2	0.04	4.1	2.04	<0.1
1098639	Soil	5.5	7.1	0.05	70.0	0.001	1	0.51	0.002	0.11	<0.1	2.6	0.24	0.04	100	0.3	0.07	1.4	1.59	<0.1
1098640	Soil	17.8	16.0	0.11	83.0	0.002	5	0.84	0.003	0.07	<0.1	2.6	0.12	0.05	81	0.4	<0.02	2.0	0.32	<0.1
1098641	Soil	15.6	16.7	0.13	84.8	0.002	5	0.86	0.002	0.08	<0.1	3.8	0.08	0.07	171	0.4	0.07	2.2	0.33	<0.1
1098642	Soil	11.5	13.4	5.99	92.1	0.003	2	0.79	0.006	0.05	<0.1	2.8	0.09	<0.02	399	0.3	0.09	1.2	0.23	<0.1
1098643	Soil	6.6	11.1	4.27	107.7	0.005	3	0.79	0.007	0.04	<0.1	1.0	0.09	0.05	156	0.2	0.02	1.6	0.32	<0.1
1098644	Soil	14.1	15.9	2.84	170.6	0.004	6	1.26	0.007	0.07	0.2	1.3	0.09	0.10	132	0.3	0.07	2.6	0.48	<0.1
1098645	Soil	3.4	11.8	0.15	107.5	0.002	3	0.85	0.002	0.12	<0.1	3.2	0.08	0.03	38	0.2	0.07	2.6	0.61	<0.1
1098646	Soil	6.7	24.3	0.19	164.9	0.003	2	1.37	0.002	0.22	<0.1	2.7	0.13	0.02	29	0.4	0.07	5.9	1.68	<0.1
1098647	Soil	7.5	20.6	0.21	85.0	0.011	1	0.97	0.002	0.16	0.1	1.9	0.09	<0.02	22	<0.1	<0.02	4.2	1.22	<0.1
1098648	Soil	9.3	22.4	0.26	82.2	0.008	2	1.24	0.002	0.14	0.1	2.2	0.10	0.03	25	0.2	<0.02	5.4	1.33	<0.1
1098649	Soil	9.4	22.0	0.19	108.6	0.005	1	1.32	0.002	0.16	<0.1	2.3	0.13	<0.02	26	0.1	0.02	6.1	1.32	<0.1
1098650	Soil	7.2	25.6	0.24	119.6	0.005	1	1.43	0.002	0.18	<0.1	2.8	0.16	<0.02	21	0.2	<0.02	6.6	1.79	<0.1
1098401	Soil	7.1	29.3	0.19	161.7	0.001	<1	2.09	<0.001	0.14	<0.1	2.3	0.14	<0.02	28	0.2	0.03	8.6	1.37	<0.1
1098402	Soil	6.2	33.9	0.24	124.6	0.002	<1	2.25	0.003	0.12	<0.1	2.9	0.14	<0.02	28	0.1	0.04	9.7	1.68	<0.1
1098658	Soil	4.2	19.4	0.35	95.7	<0.001	4	1.21	0.005	0.07	<0.1	7.5	0.10	0.08	147	0.4	0.03	3.8	2.20	<0.1
1098659	Soil	3.6	10.4	0.18	82.6	<0.001	5	0.71	0.005	0.09	<0.1	4.4	0.13	0.05	141	0.7	0.03	2.2	1.64	<0.1
1098660	Soil	2.7	14.9	0.19	71.3	0.002	3	0.91	0.008	0.12	<0.1	6.1	0.18	0.17	71	0.4	0.03	2.6	1.85	<0.1
1098661	Soil	5.2	21.2	0.24	56.1	0.003	2	1.24	0.002	0.08	<0.1	3.2	0.11	<0.02	43	0.3	0.05	5.3	1.99	<0.1
1098662	Soil	5.5	23.6	0.50	89.9	0.003	5	1.08	0.006	0.14	<0.1	4.3	0.12	0.08	94	0.4	0.04	3.9	1.89	<0.1
1098663	Soil	8.0	29.1	0.67	92.5	0.004	5	1.38	0.002	0.15	<0.1	6.0	0.16	0.04	60	0.3	0.04	4.4	4.16	<0.1



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1098629	Soil	0.43	12.3	3.3	<0.05	0.6	2.42	15.3	0.03	<1	0.5	15.9	<10
1098630	Soil	0.13	4.4	8.1	<0.05	0.8	18.67	14.4	<0.02	<1	0.4	3.1	<10
1098631	Soil	0.20	9.5	2.9	<0.05	2.9	17.97	27.6	0.02	<1	1.1	14.9	<10
1098632	Soil	0.57	10.0	1.8	<0.05	0.8	2.73	19.9	0.02	<1	0.4	24.9	<10
1098633	Soil	0.30	23.6	1.4	<0.05	0.9	4.47	13.7	0.03	<1	1.0	16.9	<10
1098634	Soil	0.37	17.7	6.2	<0.05	1.2	2.07	18.4	<0.02	<1	0.7	11.7	<10
1098635	Soil	0.75	16.7	2.5	<0.05	1.4	1.92	19.3	<0.02	<1	0.3	13.9	<10
1098636	Soil	0.30	22.3	5.7	<0.05	0.8	2.02	20.8	<0.02	<1	0.8	31.5	<10
1098637	Soil	0.12	12.6	0.8	<0.05	1.1	3.10	17.3	0.04	<1	0.9	5.1	<10
1098638	Soil	0.40	12.1	1.1	<0.05	0.5	5.82	29.5	0.03	<1	0.7	17.9	<10
1098639	Soil	0.11	8.5	0.9	<0.05	0.9	4.77	17.5	0.02	<1	1.2	2.5	<10
1098640	Soil	0.18	5.7	1.3	<0.05	3.3	14.99	38.9	0.03	<1	0.7	6.5	<10
1098641	Soil	0.19	5.2	0.5	<0.05	4.4	17.00	33.0	0.02	<1	0.8	3.3	<10
1098642	Soil	0.11	3.2	2.2	<0.05	2.2	24.66	24.2	0.02	<1	0.5	3.3	<10
1098643	Soil	0.11	3.4	0.7	<0.05	0.8	10.16	14.6	<0.02	<1	0.5	3.8	<10
1098644	Soil	0.17	5.3	3.4	<0.05	1.5	13.01	30.1	<0.02	<1	0.7	5.0	<10
1098645	Soil	0.29	10.5	1.2	<0.05	2.0	3.64	9.0	0.04	<1	0.4	5.6	<10
1098646	Soil	0.29	17.6	5.5	<0.05	1.5	4.03	16.0	0.02	<1	1.1	10.7	<10
1098647	Soil	0.36	14.3	1.6	<0.05	0.2	2.72	16.0	0.02	<1	0.8	10.5	<10
1098648	Soil	0.59	12.4	1.9	<0.05	0.9	2.43	19.8	0.04	<1	0.6	17.6	<10
1098649	Soil	0.46	19.1	1.6	<0.05	0.8	2.46	20.1	0.03	<1	0.5	14.5	<10
1098650	Soil	0.55	19.6	2.6	<0.05	0.9	3.09	17.1	0.04	<1	0.7	17.5	<10
1098401	Soil	0.35	19.9	2.2	<0.05	1.3	2.30	14.9	0.03	<1	0.7	24.1	<10
1098402	Soil	0.40	20.7	2.7	<0.05	1.1	3.30	13.5	0.05	<1	1.0	36.8	<10
1098658	Soil	0.16	7.1	1.2	<0.05	2.7	11.53	11.7	0.06	<1	1.1	37.6	<10
1098659	Soil	0.14	6.2	2.5	<0.05	2.6	9.73	9.3	0.04	1	1.1	19.5	<10
1098660	Soil	0.08	8.2	1.1	<0.05	1.6	7.66	7.3	0.05	<1	1.3	20.0	<10
1098661	Soil	0.41	12.9	2.9	<0.05	1.0	2.68	11.2	0.05	<1	0.5	21.4	<10
1098662	Soil	0.29	11.1	1.6	<0.05	2.0	5.60	13.9	0.03	<1	0.8	29.8	<10
1098663	Soil	0.29	15.4	3.6	<0.05	1.4	12.93	23.8	0.05	<1	1.3	37.6	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1098664	Soil	1.05	32.05	18.68	113.7	67	28.1	12.0	475	2.93	6.6	3.9	0.6	2.3	109.3	0.28	0.49	0.19	44	1.92
1098665	Soil	1.30	28.18	21.62	64.9	38	28.7	14.2	291	4.21	11.2	0.5	0.2	2.9	11.5	0.31	0.59	0.27	36	0.12
1098666	Soil	0.91	39.92	19.22	83.5	162	34.6	13.8	335	2.93	8.3	2.1	3.9	4.8	86.5	0.16	0.51	0.24	31	2.07
1098667	Soil	0.83	20.17	18.09	58.0	150	18.5	8.3	439	2.28	5.8	2.5	0.4	1.4	67.6	0.32	0.39	0.16	25	1.25
1098668	Soil	0.64	38.23	35.54	89.3	190	37.8	17.6	520	3.98	14.3	1.0	0.7	4.1	110.7	0.10	0.43	0.34	22	1.53
1098669	Soil	0.33	21.31	20.25	108.5	120	24.1	8.6	314	2.72	6.6	1.6	0.2	2.3	70.2	0.13	0.37	0.27	13	1.57
1098670	Soil	0.46	19.51	42.19	515.4	238	19.6	7.6	2606	4.79	37.2	3.6	1.1	1.7	31.4	1.08	2.45	0.13	14	11.31
1098671	Soil	0.51	15.77	22.98	120.7	110	15.2	7.2	3664	6.36	36.3	2.0	0.5	1.5	32.1	0.76	1.81	0.13	21	9.78
1098672	Soil	0.32	14.28	23.08	29.1	126	13.7	8.1	1887	3.64	20.7	1.7	0.4	1.9	28.2	0.11	1.22	0.13	20	10.02
1098673	Soil	0.36	22.40	50.50	35.5	267	18.0	7.1	3227	4.26	43.4	2.2	<0.2	0.9	29.1	0.25	4.14	0.24	17	10.96
1098674	Soil	0.66	25.16	29.40	51.0	181	25.7	13.2	1105	3.38	28.4	1.0	1.5	3.4	27.8	0.08	2.00	0.22	23	5.50
1098675	Soil	0.25	19.07	53.80	56.1	245	12.9	7.4	1259	2.28	36.3	2.0	0.2	0.9	36.3	0.13	2.46	0.12	7	14.42
1098676	Soil	0.39	29.33	36.81	68.7	93	18.4	13.2	961	2.90	16.8	0.6	<0.2	3.1	16.1	0.13	0.71	0.26	20	3.17
1098677	Soil	0.91	25.63	27.44	72.6	119	21.8	15.3	1726	3.61	9.2	3.4	<0.2	1.9	45.8	0.27	0.52	0.30	39	0.79
1098678	Soil	1.31	38.40	46.05	86.1	101	26.0	22.4	1475	4.26	11.2	0.9	0.8	1.1	10.5	0.12	0.71	0.38	41	0.09
1098679	Soil	0.48	42.77	25.89	102.9	81	35.5	15.9	284	3.45	12.6	1.3	0.5	3.2	58.7	0.12	0.63	0.39	17	0.68
1098680	Soil	5.53	54.29	38.48	148.0	754	34.2	13.4	240	2.63	21.8	11.7	22.8	1.1	416.9	0.69	1.81	0.30	21	7.24
1098681	Soil	2.16	39.71	26.58	89.4	561	27.7	11.3	228	2.76	12.6	6.3	11.5	2.3	82.2	0.30	1.17	0.21	18	1.10
1098682	Soil	1.40	30.50	23.02	85.6	612	23.2	8.5	217	2.33	11.3	7.8	6.0	1.4	98.5	0.29	7.22	0.23	22	1.49
1098683	Soil	1.77	41.04	20.55	92.6	672	31.2	11.9	202	2.61	11.8	4.0	12.8	3.6	88.7	0.24	2.16	0.20	29	1.33
1098684	Soil	1.03	38.77	17.39	92.1	389	29.8	11.5	264	2.64	9.4	2.6	10.8	3.4	50.0	0.27	3.23	0.27	30	0.91
1098811	Soil	0.58	47.07	33.13	102.3	167	52.6	24.3	713	5.01	15.0	0.7	0.5	5.7	65.6	0.06	0.31	0.45	17	1.01
1098812	Soil	0.46	32.33	18.98	66.8	102	26.1	13.0	407	3.02	8.3	0.6	1.1	3.2	30.6	0.04	0.40	0.30	14	0.54
1098813	Soil	0.60	38.10	21.08	61.7	145	27.5	12.4	321	3.00	12.4	0.7	3.3	3.2	39.7	0.04	0.47	0.33	14	0.80
1098814	Soil	0.82	31.74	41.07	112.7	82	44.0	20.9	852	3.11	5.5	0.7	0.7	4.8	19.6	0.43	0.34	0.27	23	0.36
1098815	Soil	1.47	28.96	20.27	94.4	58	34.9	13.1	355	2.69	5.0	1.1	4.8	3.9	36.5	0.34	0.62	0.28	20	0.79
1098816	Soil	0.51	26.29	18.21	99.0	64	30.4	11.9	417	2.76	1.1	1.1	3.9	4.5	47.0	0.24	0.26	0.25	23	2.19
1098817	Soil	0.42	42.93	12.73	71.2	108	22.9	10.6	272	2.07	2.8	2.2	1.8	2.4	307.5	0.15	0.25	0.20	21	8.76
1098818	Soil	1.15	34.43	19.02	94.2	208	29.1	12.8	388	2.60	9.7	2.1	7.4	3.1	51.9	0.23	0.67	0.23	24	1.20
1098819	Soil	1.00	25.64	23.45	71.5	70	22.4	15.0	503	3.91	12.4	0.6	1.0	2.5	11.9	0.09	0.45	0.36	36	0.13



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1098664	Soil	19.0	42.6	0.26	254.1	0.003	3	0.80	0.004	0.06	<0.1	4.5	0.12	0.04	235	1.0	<0.02	2.8	0.57	<0.1
1098665	Soil	6.3	27.1	0.36	101.3	0.004	2	1.40	0.002	0.09	<0.1	3.6	0.11	<0.02	64	0.3	0.05	4.8	1.30	<0.1
1098666	Soil	19.1	32.2	0.80	652.3	0.005	4	1.13	0.005	0.13	<0.1	6.5	0.16	0.04	249	0.9	0.02	3.8	0.86	<0.1
1098667	Soil	10.5	18.9	0.19	241.6	0.003	2	0.82	0.003	0.07	<0.1	2.7	0.10	0.04	187	0.7	<0.02	2.6	0.41	<0.1
1098668	Soil	9.2	22.3	0.46	104.4	0.003	4	1.40	0.006	0.11	<0.1	6.9	0.17	0.05	106	0.4	0.05	4.0	3.07	<0.1
1098669	Soil	6.8	14.1	0.66	48.4	0.002	7	0.92	0.005	0.11	<0.1	3.7	0.10	0.10	143	0.7	<0.02	2.7	1.03	<0.1
1098670	Soil	7.6	12.5	5.90	56.4	0.003	3	0.72	0.009	0.06	<0.1	2.2	0.14	<0.02	738	0.6	0.05	1.8	0.55	<0.1
1098671	Soil	11.7	16.0	5.13	102.3	0.005	3	1.05	0.008	0.05	<0.1	2.8	0.12	<0.02	400	0.5	0.06	2.4	0.95	<0.1
1098672	Soil	9.3	13.5	5.81	57.9	0.004	2	0.90	0.007	0.04	<0.1	2.9	0.09	<0.02	337	0.2	<0.02	2.0	0.49	<0.1
1098673	Soil	11.5	12.6	6.05	97.7	0.002	5	0.94	0.009	0.05	<0.1	1.9	0.21	0.04	446	0.5	0.25	2.0	0.39	<0.1
1098674	Soil	11.2	20.6	3.32	82.0	0.004	4	1.32	0.005	0.10	<0.1	4.7	0.28	<0.02	305	0.3	0.03	3.5	1.13	<0.1
1098675	Soil	8.9	7.8	7.61	44.5	0.001	5	0.31	0.015	0.05	0.1	1.5	0.20	<0.02	653	0.3	0.06	0.8	0.56	<0.1
1098676	Soil	10.7	13.3	1.67	221.9	0.002	4	0.89	0.005	0.11	<0.1	4.6	0.17	0.04	219	0.1	0.06	2.2	0.58	<0.1
1098677	Soil	11.6	25.9	0.34	175.0	0.005	1	1.79	0.003	0.07	0.1	4.4	0.16	0.08	67	0.2	0.05	5.5	2.38	<0.1
1098678	Soil	7.7	30.6	0.46	93.3	0.011	3	1.73	0.004	0.11	0.1	3.1	0.16	0.06	92	0.4	0.08	6.6	7.59	<0.1
1098679	Soil	12.1	16.7	0.26	155.2	0.002	4	0.87	0.004	0.10	<0.1	6.3	0.11	0.04	227	0.2	0.05	2.4	1.48	<0.1
1098680	Soil	11.0	12.0	0.39	356.5	0.002	4	0.72	0.004	0.08	<0.1	2.0	0.21	0.07	928	1.0	0.04	1.7	0.44	<0.1
1098681	Soil	18.8	12.8	0.20	95.8	0.003	3	0.57	0.004	0.10	<0.1	3.5	0.21	0.05	571	1.1	<0.02	1.6	0.44	<0.1
1098682	Soil	17.1	12.5	0.27	185.8	0.002	4	0.71	0.005	0.08	<0.1	2.5	0.12	0.07	1697	0.7	0.04	1.8	0.39	<0.1
1098683	Soil	21.6	27.4	0.85	167.1	0.006	5	1.00	0.004	0.17	<0.1	4.9	0.26	0.04	632	1.2	<0.02	3.4	1.20	<0.1
1098684	Soil	20.9	36.5	1.03	184.2	0.009	5	1.32	0.004	0.16	<0.1	4.9	0.20	0.05	403	0.9	<0.02	4.5	2.18	<0.1
1098811	Soil	5.9	22.7	0.42	88.1	<0.001	2	1.41	0.006	0.08	<0.1	10.3	0.11	0.06	83	0.2	0.07	4.2	2.15	<0.1
1098812	Soil	5.1	15.5	0.27	91.1	0.001	4	0.83	0.002	0.11	<0.1	4.6	0.09	0.03	204	0.3	0.05	2.6	1.28	<0.1
1098813	Soil	5.1	13.5	0.18	68.0	0.001	4	0.66	0.004	0.11	<0.1	5.0	0.16	0.06	473	0.5	0.06	2.4	1.27	<0.1
1098814	Soil	8.8	47.9	1.06	125.1	0.012	7	1.80	0.005	0.20	<0.1	5.1	0.18	0.05	77	0.2	0.03	6.1	7.70	<0.1
1098815	Soil	14.3	40.6	0.49	165.0	0.003	3	0.81	0.003	0.10	<0.1	4.7	0.10	0.03	308	0.7	<0.02	2.8	0.62	<0.1
1098816	Soil	22.7	35.6	1.49	160.7	0.003	3	0.83	0.005	0.14	<0.1	6.0	0.17	0.03	184	0.9	<0.02	3.1	1.37	<0.1
1098817	Soil	19.7	23.9	1.20	157.1	0.003	4	0.86	0.005	0.13	<0.1	3.6	0.10	0.02	92	1.2	<0.02	2.6	0.67	<0.1
1098818	Soil	14.4	26.1	0.49	118.4	0.002	4	0.62	0.004	0.13	<0.1	4.7	0.17	0.03	141	0.9	0.04	2.1	0.23	<0.1
1098819	Soil	5.1	27.9	0.36	87.9	0.001	1	2.02	0.001	0.13	<0.1	2.8	0.13	<0.02	31	0.2	0.05	5.8	1.78	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1098664	Soil	0.23	11.7	1.9	<0.05	1.4	10.38	45.7	0.04	<1	1.2	10.7	<10
1098665	Soil	0.47	11.9	3.5	<0.05	1.1	3.22	14.1	0.04	<1	0.6	31.1	<10
1098666	Soil	0.43	11.3	3.7	<0.05	2.6	14.53	38.2	0.04	<1	1.3	22.8	<10
1098667	Soil	0.35	8.1	3.1	<0.05	1.4	7.13	25.1	0.03	<1	0.8	8.5	<10
1098668	Soil	0.34	12.8	3.0	<0.05	2.3	15.78	24.8	0.05	<1	1.2	44.9	<10
1098669	Soil	0.23	9.7	1.1	<0.05	1.5	10.59	15.7	0.04	<1	0.8	19.6	<10
1098670	Soil	0.10	4.6	3.5	<0.05	1.6	15.14	17.2	0.03	<1	0.5	5.1	<10
1098671	Soil	0.21	6.2	2.2	<0.05	1.1	15.08	22.5	0.03	<1	0.7	9.4	<10
1098672	Soil	0.16	4.2	0.7	<0.05	1.1	12.20	18.3	<0.02	<1	0.5	6.7	<10
1098673	Soil	0.09	5.9	1.3	<0.05	1.7	16.06	19.6	0.02	<1	0.7	4.4	<10
1098674	Soil	0.25	8.9	1.2	<0.05	2.1	14.40	21.8	0.03	<1	1.0	15.4	<10
1098675	Soil	0.04	5.4	3.8	<0.05	1.4	12.54	13.9	<0.02	<1	0.4	1.7	<10
1098676	Soil	0.21	6.4	1.2	<0.05	1.9	11.14	21.4	0.03	<1	1.1	8.0	<10
1098677	Soil	0.43	15.3	1.8	<0.05	1.4	15.05	31.1	0.04	<1	1.4	20.6	<10
1098678	Soil	0.32	18.7	2.2	<0.05	0.3	7.06	21.2	0.05	<1	1.5	30.4	<10
1098679	Soil	0.14	7.6	0.9	<0.05	2.5	19.68	19.0	0.05	<1	1.2	14.7	<10
1098680	Soil	0.18	5.5	1.1	<0.05	3.4	10.04	20.6	0.03	<1	1.2	6.1	<10
1098681	Soil	0.15	5.9	0.8	<0.05	4.3	15.64	37.9	0.04	2	1.0	5.2	<10
1098682	Soil	0.19	6.2	0.9	<0.05	2.7	15.51	26.4	0.04	<1	1.0	7.5	<10
1098683	Soil	0.29	12.5	1.3	<0.05	3.4	14.50	40.9	0.04	<1	1.2	22.9	<10
1098684	Soil	0.40	16.8	0.5	<0.05	3.8	14.77	39.2	0.03	<1	1.2	30.4	<10
1098811	Soil	0.12	7.0	0.8	<0.05	3.0	16.87	20.0	0.04	<1	1.5	43.0	<10
1098812	Soil	0.14	8.4	2.7	<0.05	1.6	9.77	11.9	0.03	<1	0.8	18.3	<10
1098813	Soil	0.20	8.9	0.4	<0.05	2.2	10.81	12.5	0.04	<1	0.8	9.1	<10
1098814	Soil	0.54	23.8	7.9	<0.05	2.0	7.86	23.4	0.04	<1	1.3	49.7	<10
1098815	Soil	0.30	8.3	1.9	<0.05	3.9	13.14	39.0	0.05	<1	0.9	18.1	<10
1098816	Soil	0.17	12.4	1.8	<0.05	2.6	13.09	49.5	0.04	<1	1.2	16.9	<10
1098817	Soil	0.23	9.5	0.4	<0.05	3.0	14.71	41.0	0.03	<1	1.1	21.0	<10
1098818	Soil	0.15	5.9	1.2	<0.05	3.3	11.04	33.2	0.04	<1	0.8	9.2	<10
1098819	Soil	0.24	12.6	1.2	<0.05	1.3	2.77	11.4	0.03	<1	0.8	49.6	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
1098820	Soil	0.66	31.35	33.34	93.7	55	31.1	15.4	440	3.82	12.7	0.5	0.6	3.6	54.3	0.11	0.37	0.38	21	0.64
1098821	Soil	0.56	24.86	24.45	119.7	121	21.8	6.7	127	2.39	8.0	1.4	0.8	1.9	139.3	0.21	0.39	0.32	15	1.42
1098822	Soil	0.59	23.79	50.77	82.8	157	21.7	10.6	423	4.16	7.1	0.8	0.4	3.0	76.4	0.07	0.23	0.48	11	0.97
1098823	Soil	0.49	12.98	21.39	55.6	121	11.4	5.5	3405	4.50	36.9	1.5	0.4	0.7	22.9	0.31	2.37	0.16	13	7.83
1098824	Soil	0.48	15.14	28.63	27.1	191	15.5	6.1	2267	3.01	28.7	2.9	0.9	1.4	27.6	0.13	2.00	0.14	16	10.23
1098825	Soil	0.89	13.79	17.91	51.7	34	18.6	7.8	365	3.45	12.2	0.6	0.3	3.6	7.3	0.10	0.64	0.26	46	0.15
1098826	Soil	0.60	11.98	29.06	43.7	39	14.8	7.9	2829	4.43	20.2	0.8	<0.2	3.2	5.3	0.23	1.18	0.20	29	0.36
1098827	Soil	0.58	17.96	20.66	51.9	27	19.9	9.8	832	3.12	13.7	0.5	0.7	4.2	13.7	0.10	0.69	0.29	28	1.18
1098828	Soil	0.52	11.19	18.04	56.3	84	14.0	7.6	1755	3.04	17.5	0.8	<0.2	1.2	24.9	0.30	0.98	0.19	27	6.37
1098829	Soil	0.46	29.38	21.95	48.0	27	16.9	30.8	2216	2.60	12.8	0.5	<0.2	2.9	9.5	0.12	0.41	0.38	21	0.25
1098830	Soil	0.80	12.32	18.83	49.2	17	14.5	10.1	287	2.84	17.4	0.4	<0.2	1.2	4.2	0.14	0.59	0.33	20	0.16
1098831	Soil	0.68	21.25	15.22	45.0	66	12.6	8.3	238	3.37	3.0	0.4	<0.2	3.3	4.1	0.06	0.23	0.33	31	0.02
1098832	Soil	0.46	21.03	29.68	59.7	37	23.0	11.6	222	2.97	5.2	0.5	0.2	5.0	10.7	0.05	0.18	0.34	21	0.18
1098833	Soil	0.70	20.09	30.72	60.2	85	21.7	20.7	518	4.18	5.1	0.4	<0.2	3.9	3.8	0.14	0.21	0.32	33	0.04
1098834	Soil	0.60	15.70	23.88	58.4	54	18.2	10.1	448	2.95	5.3	0.7	<0.2	3.9	8.7	0.11	0.27	0.28	28	0.11
1098835	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.
1098836	Soil	0.88	42.59	44.67	104.3	162	33.5	22.2	1093	3.77	15.9	2.6	0.8	4.0	44.0	0.11	0.49	0.37	25	0.55
1098837	Soil	0.69	49.86	60.11	96.2	126	31.1	35.1	3059	3.92	17.5	1.0	<0.2	3.7	19.2	0.14	0.40	0.40	22	0.30
1098838	Soil	0.76	42.07	32.22	103.9	102	35.2	17.5	463	3.50	15.2	1.3	1.1	3.3	49.3	0.10	0.36	0.39	19	0.61
1098839	Soil	0.58	33.38	27.33	141.4	102	27.7	12.1	313	3.17	12.0	1.9	<0.2	2.1	62.0	0.32	0.34	0.35	15	1.12
1098840	Soil	0.64	35.68	33.05	90.4	110	28.1	13.6	492	3.20	13.4	1.9	<0.2	2.6	62.3	0.12	0.35	0.33	19	1.01
1098841	Soil	0.72	38.69	31.69	86.9	131	29.2	15.2	742	3.35	13.4	2.2	0.2	3.0	46.8	0.09	0.35	0.33	20	0.75
1098842	Soil	0.84	43.33	50.87	93.8	148	34.7	19.9	928	3.66	17.3	1.1	0.5	3.2	32.8	0.08	0.39	0.37	18	0.38
1098151	Soil	1.31	29.93	38.56	93.8	174	25.4	13.9	943	4.12	11.2	0.9	<0.2	0.3	39.6	0.22	0.60	0.38	31	0.68
1098152	Soil	0.86	20.10	31.78	80.6	124	17.4	16.4	1622	3.66	6.0	0.7	<0.2	0.5	6.5	0.21	0.50	0.25	30	0.05
1098153	Soil	0.90	20.66	27.80	102.8	90	18.2	10.7	591	3.70	9.0	0.5	<0.2	0.3	11.0	0.17	0.56	0.33	29	0.07
1098154	Soil	0.58	27.98	41.54	77.1	148	19.6	11.1	487	4.60	5.8	0.7	<0.2	3.8	12.2	0.10	0.27	0.44	16	0.02
1098265	Soil	0.94	42.40	62.76	98.0	105	30.4	23.6	671	3.07	17.7	0.9	<0.2	1.8	13.5	0.05	0.56	0.41	21	0.08
1098266	Soil	0.75	43.10	83.35	134.1	147	25.2	28.9	1189	3.55	11.6	0.8	<0.2	1.3	10.8	0.14	0.49	0.44	29	0.07
1098267	Soil	0.99	37.67	55.38	100.7	206	36.0	22.2	1243	4.31	18.7	1.7	0.4	3.4	37.5	0.17	0.65	0.32	24	0.41



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1098820	Soil	7.1	21.8	0.39	100.8	0.001	2	1.43	0.002	0.17	<0.1	5.1	0.14	<0.02	30	0.3	0.05	4.3	0.93	<0.1
1098821	Soil	6.3	18.6	0.41	98.5	0.002	5	1.02	0.008	0.09	<0.1	3.3	0.09	0.10	102	0.5	0.03	3.0	1.16	<0.1
1098822	Soil	6.3	16.7	0.14	123.6	<0.001	2	0.79	0.012	0.09	<0.1	4.6	0.20	0.16	51	0.5	0.04	2.7	1.75	<0.1
1098823	Soil	9.3	12.9	3.38	100.8	0.003	2	0.78	0.007	0.04	<0.1	1.5	0.12	0.05	348	0.5	0.03	1.7	0.36	<0.1
1098824	Soil	10.9	14.4	4.92	79.3	0.005	3	0.80	0.011	0.05	<0.1	1.8	0.12	<0.02	420	0.5	0.03	1.5	0.43	<0.1
1098825	Soil	9.5	26.3	0.35	91.3	0.006	<1	1.85	0.002	0.06	0.1	2.3	0.12	<0.02	26	0.3	<0.02	5.2	1.01	<0.1
1098826	Soil	18.3	19.1	0.36	103.8	0.003	1	1.46	0.001	0.07	<0.1	3.9	0.13	<0.02	117	0.1	0.03	3.4	0.51	<0.1
1098827	Soil	9.7	23.6	0.51	156.4	0.002	2	1.39	0.002	0.25	<0.1	3.9	0.13	0.02	64	0.2	<0.02	4.2	0.32	<0.1
1098828	Soil	8.5	20.7	3.47	117.3	0.002	3	1.57	0.003	0.06	<0.1	2.1	0.12	0.04	93	0.3	<0.02	3.8	0.65	<0.1
1098829	Soil	3.9	15.5	0.18	304.6	0.004	2	1.13	0.002	0.23	0.1	3.0	0.13	0.03	42	0.2	0.05	3.3	2.13	<0.1
1098830	Soil	3.2	15.2	0.13	107.0	0.005	2	0.63	0.002	0.20	<0.1	1.5	0.08	<0.02	28	<0.1	0.06	2.7	0.87	<0.1
1098831	Soil	6.5	19.1	0.16	69.2	0.002	<1	1.08	<0.001	0.12	<0.1	2.0	0.08	<0.02	11	0.1	<0.02	6.1	0.76	<0.1
1098832	Soil	6.1	23.0	0.29	92.8	0.001	<1	1.21	0.003	0.11	<0.1	2.3	0.07	<0.02	22	0.1	<0.02	4.0	1.41	<0.1
1098833	Soil	5.3	30.2	0.33	97.1	0.002	<1	1.80	<0.001	0.13	<0.1	3.6	0.12	<0.02	44	0.2	0.04	5.5	2.36	<0.1
1098834	Soil	8.9	24.8	0.34	114.7	0.003	1	1.35	0.003	0.13	<0.1	2.6	0.08	0.02	39	0.2	<0.02	4.1	0.78	<0.1
1098835	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.
1098836	Soil	8.3	25.1	0.63	104.7	0.003	3	1.58	0.005	0.11	<0.1	6.8	0.12	0.03	201	0.2	0.07	4.4	4.50	<0.1
1098837	Soil	5.1	27.7	0.62	95.2	0.001	2	2.04	0.003	0.11	<0.1	9.1	0.13	0.09	111	0.2	0.04	5.4	4.87	<0.1
1098838	Soil	8.3	23.9	0.69	112.1	0.002	3	1.58	0.003	0.10	<0.1	5.4	0.08	0.03	78	0.3	0.07	4.5	1.96	<0.1
1098839	Soil	15.3	18.4	0.53	146.4	0.002	6	1.29	0.003	0.10	<0.1	4.9	0.07	0.09	80	0.3	0.06	3.4	0.99	<0.1
1098840	Soil	10.9	22.8	0.55	109.7	0.002	4	1.49	0.004	0.10	<0.1	5.4	0.09	0.07	70	0.2	0.05	4.1	2.28	<0.1
1098841	Soil	9.6	25.4	0.52	105.0	0.002	3	1.56	0.004	0.10	<0.1	6.2	0.09	0.06	87	0.2	0.03	4.3	3.58	<0.1
1098842	Soil	6.4	25.3	0.57	79.8	0.001	3	1.56	0.003	0.10	<0.1	5.9	0.11	0.04	51	0.2	0.08	4.3	3.17	<0.1
1098151	Soil	5.6	30.1	0.32	124.4	0.004	2	1.21	0.005	0.12	<0.1	0.8	0.09	0.09	32	0.3	0.08	4.7	2.39	<0.1
1098152	Soil	4.7	24.4	0.24	89.4	0.004	1	1.33	0.002	0.08	<0.1	0.6	0.10	0.06	33	0.3	<0.02	3.7	1.93	<0.1
1098153	Soil	4.9	21.0	0.20	117.5	0.004	<1	1.08	0.004	0.11	<0.1	0.7	0.09	0.05	22	0.3	0.08	3.7	2.16	<0.1
1098154	Soil	3.9	19.7	0.17	74.5	0.001	1	1.14	0.004	0.11	<0.1	3.9	0.18	0.05	27	0.3	<0.02	3.1	2.65	<0.1
1098265	Soil	5.0	25.3	0.39	106.6	0.002	1	1.48	0.003	0.10	<0.1	2.8	0.11	0.03	17	0.1	0.08	3.8	3.66	<0.1
1098266	Soil	4.7	26.1	0.37	123.1	0.003	1	1.76	0.003	0.11	<0.1	2.7	0.11	0.04	30	0.3	0.04	4.4	4.90	<0.1
1098267	Soil	13.0	26.3	0.37	158.1	0.003	2	1.61	0.003	0.09	<0.1	6.8	0.11	0.05	34	0.3	0.05	3.4	2.57	<0.1



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10
1098820	Soil	0.21	9.6	5.3	<0.05	2.9	10.84	19.5	0.04	<1	0.9	36.0	<10
1098821	Soil	0.33	9.4	0.8	<0.05	2.5	10.82	16.9	0.04	<1	0.9	27.0	<10
1098822	Soil	0.19	8.3	3.0	<0.05	1.9	11.50	14.6	0.05	<1	1.0	14.7	<10
1098823	Soil	0.23	3.4	0.9	<0.05	0.8	10.42	17.4	0.02	<1	0.4	4.5	<10
1098824	Soil	0.14	4.5	0.8	<0.05	0.7	12.44	21.3	<0.02	<1	0.4	5.8	<10
1098825	Soil	0.83	10.0	1.0	<0.05	1.5	3.00	22.3	0.05	<1	0.4	23.2	<10
1098826	Soil	0.27	7.3	1.6	<0.05	2.1	12.42	32.5	0.03	<1	1.3	7.8	<10
1098827	Soil	0.65	9.7	0.8	<0.05	2.4	8.02	26.0	0.02	<1	1.0	15.2	<10
1098828	Soil	0.29	9.1	2.1	<0.05	1.4	8.87	18.1	<0.02	<1	0.8	10.5	<10
1098829	Soil	0.43	16.1	0.8	<0.05	0.4	2.54	13.3	0.03	<1	1.2	6.7	<10
1098830	Soil	0.38	11.8	4.2	<0.05	0.1	1.29	7.1	0.03	<1	0.2	3.1	<10
1098831	Soil	0.39	13.4	1.1	<0.05	0.6	2.64	14.8	0.02	<1	0.3	6.9	<10
1098832	Soil	0.27	9.5	2.1	<0.05	1.1	3.15	15.5	0.02	<1	0.8	20.2	<10
1098833	Soil	0.41	13.8	1.7	<0.05	1.3	2.24	13.7	0.03	<1	1.3	33.2	<10
1098834	Soil	0.58	11.1	3.0	<0.05	1.0	4.10	20.3	0.03	<1	0.8	20.0	<10
1098835	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.
1098836	Soil	0.16	10.6	1.5	<0.05	3.4	17.50	23.6	0.04	<1	1.3	45.0	<10
1098837	Soil	0.17	12.0	1.0	<0.05	2.6	18.44	18.9	0.04	<1	1.7	54.2	<10
1098838	Soil	0.16	7.7	1.2	<0.05	3.3	14.04	21.1	0.04	<1	1.2	50.8	<10
1098839	Soil	0.22	7.0	0.5	<0.05	2.3	21.71	28.1	0.03	<1	1.1	32.9	<10
1098840	Soil	0.29	8.1	3.6	<0.05	2.8	17.74	22.9	0.05	<1	1.3	40.4	<10
1098841	Soil	0.30	9.2	1.6	<0.05	2.9	19.66	20.9	0.04	<1	1.6	43.2	<10
1098842	Soil	0.16	8.3	7.2	<0.05	3.4	16.60	20.2	0.03	<1	1.4	47.3	<10
1098151	Soil	0.28	12.6	2.0	<0.05	0.4	4.57	18.4	0.04	<1	0.8	19.0	<10
1098152	Soil	0.22	10.8	3.2	<0.05	0.4	3.11	12.7	0.03	<1	0.6	15.8	<10
1098153	Soil	0.21	13.0	1.3	<0.05	0.3	2.67	11.4	0.03	<1	0.6	12.5	<10
1098154	Soil	0.11	9.9	2.2	<0.05	2.0	4.41	12.0	0.06	<1	0.8	17.1	<10
1098265	Soil	0.13	11.3	2.2	<0.05	2.2	7.44	13.6	0.04	<1	1.0	40.8	<10
1098266	Soil	0.24	13.2	5.1	<0.05	2.6	6.67	12.0	0.05	<1	1.8	36.4	<10
1098267	Soil	0.20	9.8	1.9	<0.05	3.5	26.03	35.9	0.04	<1	1.3	32.2	<10



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1098268	Soil	1.02	41.55	34.63	120.2	285	41.7	14.3	291	3.76	12.5	1.4	<0.2	5.3	109.7	0.16	0.55	0.37	19	1.78
1098269	Soil	0.77	35.62	32.41	99.4	538	39.1	15.5	1197	4.04	11.3	2.2	5.0	6.4	55.4	0.34	0.56	0.38	22	0.59
1098270	Soil	1.04	22.31	26.61	102.5	405	24.1	9.8	455	3.59	9.2	1.0	2.4	0.4	8.7	0.33	0.68	0.31	37	0.07
1098388	Soil	1.12	41.90	46.26	95.0	268	40.0	21.9	961	4.17	14.4	1.6	1.8	3.9	36.2	0.10	0.56	0.39	20	0.36
1098389	Soil	1.21	44.30	62.83	109.4	223	41.2	22.7	848	3.93	13.8	1.6	2.3	3.2	40.4	0.14	0.60	0.42	17	0.66
1098390	Soil	0.86	38.90	49.38	80.6	75	28.0	21.8	598	2.91	24.6	0.9	1.1	3.3	13.9	0.04	0.50	0.40	21	0.08
1098391	Soil	1.08	21.33	38.08	71.3	134	28.1	15.2	1070	4.41	13.0	1.8	1.1	0.9	75.2	0.18	0.64	0.28	25	1.33
1098392	Soil	1.18	18.79	25.06	87.7	121	22.3	10.7	453	3.01	7.7	0.8	1.2	0.5	15.2	0.18	0.70	0.29	40	0.15
1098393	Soil	0.71	28.09	36.07	165.3	210	53.0	27.9	789	4.10	5.7	0.9	0.9	3.9	16.3	0.34	0.34	0.29	14	0.11
1098394	Soil	0.94	15.20	12.49	67.7	41	19.7	6.4	191	2.65	8.4	0.6	1.1	1.5	10.2	0.18	0.64	0.19	50	0.11
1098395	Soil	0.47	21.35	26.49	95.7	198	24.8	9.8	565	3.06	7.3	0.8	0.3	3.4	81.7	0.17	0.30	0.32	15	1.00
1098396	Soil	0.53	32.01	36.45	135.3	331	49.4	16.5	849	5.66	10.6	1.0	0.9	9.0	38.9	0.11	0.22	0.41	13	0.36
1098397	Soil	0.62	19.69	33.46	98.0	53	27.1	16.4	777	3.86	6.8	0.6	2.5	2.3	10.0	0.13	0.39	0.39	23	0.06
1098398	Soil	0.41	17.75	34.08	86.4	413	26.0	6.8	245	1.60	5.7	0.8	0.6	2.3	49.5	0.10	0.18	0.21	6	1.32
1098399	Soil	0.50	16.93	38.10	77.1	305	22.2	7.8	365	1.79	8.0	1.1	1.1	1.5	70.5	0.11	0.49	0.22	10	2.41
1098400	Soil	0.48	12.50	17.33	77.7	133	15.3	7.6	2436	2.85	14.4	1.1	0.7	0.6	28.5	0.53	1.15	0.16	23	10.82
1098751	Soil	0.12	3.15	7.52	71.8	40	4.5	1.6	711	1.14	18.9	1.2	1.2	0.2	55.5	0.12	0.77	0.03	3	18.30
1098752	Soil	0.19	7.47	8.74	16.2	50	6.3	5.9	1893	2.12	8.6	0.4	<0.2	0.4	19.2	0.10	0.30	0.09	6	9.56
1098753	Soil	0.73	24.56	20.83	32.4	70	20.1	19.3	1365	3.78	12.6	1.1	1.0	3.5	12.2	0.12	0.69	0.35	22	2.18
1098754	Soil	0.66	16.21	15.83	64.9	114	12.0	7.5	1798	2.39	8.9	1.9	0.9	0.5	37.7	0.54	0.49	0.19	19	3.36
1098755	Soil	0.56	24.30	35.52	94.6	56	26.3	15.8	466	4.10	7.2	0.6	0.5	4.9	13.7	0.06	0.25	0.46	29	0.36
1098756	Soil	0.49	17.83	18.44	65.2	208	16.4	11.4	707	3.15	7.4	0.4	<0.2	2.5	9.8	0.11	0.24	0.36	23	0.22
1098757	Soil	0.85	38.71	72.67	106.4	230	35.0	29.9	1652	5.08	9.6	0.8	1.3	5.3	12.4	0.06	0.45	0.43	33	0.28
1098758	Soil	0.78	29.65	23.48	79.2	62	25.5	15.4	428	4.25	6.2	0.5	0.5	3.3	7.0	0.07	0.24	0.43	36	0.10
1098759	Soil	0.82	29.73	29.73	83.8	94	21.7	14.9	510	5.04	7.5	0.5	0.4	3.8	8.0	0.07	0.35	0.46	38	0.06
1098760	Soil	0.79	17.81	19.49	68.8	79	20.6	10.1	327	3.88	7.7	0.4	0.7	3.7	6.3	0.06	0.40	0.32	38	0.05
1097912	Soil	1.17	46.47	69.55	102.8	358	50.1	32.7	1579	4.48	21.4	1.6	2.0	4.3	46.0	0.14	0.68	0.39	23	0.50
1097913	Soil	0.67	41.95	72.01	80.5	59	23.4	24.2	1230	2.85	12.3	0.8	2.4	2.8	11.8	0.07	0.47	0.43	25	0.07
1097914	Soil	0.96	35.97	60.54	85.0	103	22.6	20.7	812	3.06	16.0	0.9	1.3	1.4	13.0	0.08	0.54	0.41	26	0.09
1097915	Soil	0.75	26.69	34.01	82.0	83	20.2	13.5	781	5.09	8.0	0.9	0.8	0.8	8.3	0.19	0.50	0.52	30	0.12



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	Method	Analyte	Unit	MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15			
					La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
					ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
					0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1098268	Soil				7.6	19.2	0.38	80.9	0.001	<1	1.10	0.006	0.09	<0.1	5.1	0.15	0.02	60	0.8	0.05	3.0	0.58	<0.1	0.12
1098269	Soil				24.8	25.3	0.35	149.3	<0.001	3	1.76	0.003	0.09	<0.1	9.6	0.13	<0.02	91	0.2	0.07	3.7	1.24	<0.1	0.14
1098270	Soil				7.1	25.5	0.35	95.3	0.005	3	1.60	0.003	0.09	<0.1	0.9	0.11	0.06	31	0.4	0.05	4.3	1.65	<0.1	<0.02
1098388	Soil				7.9	26.1	0.43	135.3	0.002	3	1.50	0.005	0.11	<0.1	5.6	0.11	0.03	53	0.4	0.13	3.6	2.98	<0.1	0.07
1098389	Soil				8.2	25.1	0.36	138.7	0.004	5	1.17	0.005	0.12	<0.1	5.9	0.12	0.05	33	0.6	0.08	2.9	3.42	<0.1	0.10
1098390	Soil				6.4	22.4	0.43	103.8	0.005	3	1.41	0.006	0.12	<0.1	4.2	0.12	<0.02	22	0.1	0.06	3.5	5.06	<0.1	0.04
1098391	Soil				9.4	21.1	0.27	146.9	0.004	3	1.33	0.004	0.06	<0.1	2.1	0.13	0.11	34	0.4	0.03	3.0	2.06	<0.1	0.03
1098392	Soil				9.3	24.0	0.31	127.5	0.009	3	1.36	0.005	0.10	0.1	1.1	0.13	0.03	22	0.4	0.03	4.0	2.24	<0.1	<0.02
1098393	Soil				8.1	13.2	0.20	157.5	0.002	3	1.08	0.004	0.08	<0.1	4.9	0.13	0.03	46	0.6	0.04	2.1	1.83	<0.1	0.02
1098394	Soil				10.8	24.8	0.36	104.6	0.013	2	1.55	0.003	0.06	0.2	2.0	0.12	<0.02	17	<0.1	<0.02	4.4	1.44	<0.1	<0.02
1098395	Soil				14.8	15.5	0.22	141.9	0.002	3	0.94	0.004	0.10	<0.1	4.9	0.12	0.05	52	0.4	<0.02	2.5	1.50	<0.1	0.05
1098396	Soil				18.1	19.9	0.32	187.7	0.003	5	1.36	0.004	0.15	<0.1	9.2	0.21	0.03	89	0.2	0.03	3.3	2.94	<0.1	0.05
1098397	Soil				8.2	21.9	0.31	115.9	0.005	4	1.51	0.003	0.17	<0.1	2.7	0.18	0.03	28	0.2	0.02	4.3	3.21	<0.1	0.03
1098398	Soil				10.6	7.1	0.07	89.8	<0.001	6	0.56	0.002	0.09	<0.1	2.3	0.11	0.05	402	0.6	0.03	1.2	0.34	<0.1	0.05
1098399	Soil				12.2	10.8	0.25	88.9	0.001	5	0.58	0.003	0.12	<0.1	2.0	0.13	0.05	447	0.5	<0.02	1.4	0.38	<0.1	0.03
1098400	Soil				9.8	16.3	5.21	93.4	0.005	3	1.27	0.008	0.05	<0.1	1.1	0.13	0.03	135	0.4	0.04	2.5	0.51	<0.1	0.03
1098751	Soil				2.2	2.7	8.58	25.9	0.001	3	0.16	0.007	0.01	<0.1	0.3	0.12	<0.02	157	0.5	<0.02	0.5	0.07	<0.1	0.03
1098752	Soil				4.5	8.7	5.02	53.1	0.002	6	0.72	0.008	0.05	<0.1	0.8	0.04	0.03	60	0.3	<0.02	1.3	0.33	<0.1	0.03
1098753	Soil				9.2	15.1	1.26	106.7	0.005	11	1.05	0.005	0.29	<0.1	8.4	0.13	0.04	70	0.3	0.06	2.5	1.48	<0.1	0.03
1098754	Soil				10.6	13.4	0.54	143.5	0.005	5	1.14	0.009	0.06	<0.1	1.2	0.10	0.21	107	0.5	0.02	2.5	0.63	<0.1	0.04
1098755	Soil				7.2	31.9	0.55	318.5	0.002	2	2.03	0.002	0.23	<0.1	3.9	0.16	0.04	18	0.1	0.02	6.8	2.24	<0.1	0.03
1098756	Soil				6.8	17.2	0.19	132.7	0.001	1	1.09	0.004	0.21	<0.1	2.3	0.10	0.02	17	0.2	0.03	4.3	0.75	<0.1	<0.02
1098757	Soil				10.2	38.1	0.47	175.1	0.003	4	2.41	0.005	0.16	<0.1	7.0	0.18	<0.02	42	0.3	0.04	7.2	4.35	<0.1	0.03
1098758	Soil				7.0	34.1	0.40	93.3	0.002	1	1.97	0.004	0.13	<0.1	3.1	0.09	<0.02	28	<0.1	0.03	7.1	2.23	<0.1	<0.02
1098759	Soil				5.6	34.8	0.32	81.8	0.002	1	2.14	0.003	0.12	<0.1	3.3	0.11	0.02	29	0.2	<0.02	8.2	2.08	<0.1	0.04
1098760	Soil				8.4	29.3	0.38	73.5	0.003	2	1.81	0.002	0.10	<0.1	2.7	0.10	<0.02	25	0.2	<0.02	5.7	1.49	<0.1	0.03
1097912	Soil				8.8	24.5	0.39	194.9	0.004	5	1.46	0.010	0.11	<0.1	7.2	0.16	0.05	64	0.5	0.09	3.6	4.28	<0.1	0.04
1097913	Soil				6.2	21.5	0.40	129.2	0.003	2	1.54	0.004	0.12	<0.1	2.9	0.14	<0.02	27	0.3	0.07	4.3	4.82	<0.1	0.03
1097914	Soil				5.7	23.4	0.38	137.9	0.004	2	1.67	0.006	0.12	<0.1	2.2	0.14	0.05	18	0.2	0.09	4.0	4.30	<0.1	0.05
1097915	Soil				5.2	30.2	0.31	94.6	0.004	2	2.02	0.002	0.10	<0.1	1.2	0.10	0.08	36	0.4	0.06	5.0	2.74	<0.1	0.04



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10
1098268	Soil	0.22	4.7	3.7	<0.05	4.4	15.62	17.8	0.06	<1	1.0	23.8	<10
1098269	Soil	0.14	9.2	1.2	<0.05	4.9	52.76	46.8	0.08	2	1.9	33.8	<10
1098270	Soil	0.34	10.2	1.1	<0.05	0.5	4.61	19.9	0.04	1	0.7	24.4	<10
1098388	Soil	0.12	9.1	2.5	<0.05	2.4	16.59	20.6	0.06	1	1.0	42.9	<10
1098389	Soil	0.17	10.9	13.6	<0.05	3.1	20.03	23.4	0.07	3	1.5	28.3	<10
1098390	Soil	0.12	11.0	0.9	<0.05	2.1	6.94	15.2	0.05	2	1.2	40.1	<10
1098391	Soil	0.30	11.1	2.2	<0.05	1.1	14.03	32.3	0.03	1	0.9	21.7	<10
1098392	Soil	0.26	11.8	1.0	<0.05	0.1	3.83	23.1	0.04	1	0.5	20.2	<10
1098393	Soil	0.15	8.0	2.0	<0.05	0.9	14.11	27.9	0.05	<1	1.6	20.9	<10
1098394	Soil	0.52	10.9	0.6	<0.05	0.1	3.97	23.3	0.03	2	0.4	19.4	<10
1098395	Soil	0.29	9.7	1.2	<0.05	1.8	16.42	39.0	0.05	<1	0.9	16.4	<10
1098396	Soil	0.15	14.9	0.7	<0.05	2.6	32.05	63.5	0.06	1	1.4	30.7	<10
1098397	Soil	0.30	17.9	1.6	<0.05	0.6	4.74	25.5	0.05	<1	1.0	34.7	<10
1098398	Soil	0.10	4.6	0.4	<0.05	2.3	9.60	25.5	0.03	2	0.8	2.9	<10
1098399	Soil	0.15	5.6	1.9	<0.05	1.9	12.24	29.8	0.03	1	0.7	4.6	<10
1098400	Soil	0.19	5.2	0.5	<0.05	1.0	13.51	21.2	0.02	2	0.6	7.8	<10
1098751	Soil	0.03	0.6	0.5	<0.05	1.0	5.58	4.8	<0.02	1	0.3	1.1	<10
1098752	Soil	0.06	3.5	0.7	<0.05	0.9	6.66	11.2	<0.02	<1	0.4	2.3	<10
1098753	Soil	0.34	12.8	4.8	<0.05	1.1	17.45	26.5	0.04	2	2.2	5.7	<10
1098754	Soil	0.53	6.7	0.6	<0.05	1.8	12.04	22.9	0.02	<1	0.6	4.2	<10
1098755	Soil	0.24	20.9	3.3	<0.05	1.1	3.90	18.8	0.04	<1	1.3	41.0	<10
1098756	Soil	0.31	15.1	1.0	<0.05	0.4	2.19	14.9	0.03	<1	0.5	8.6	<10
1098757	Soil	0.23	22.3	8.4	<0.05	1.1	14.16	35.2	0.07	<1	2.1	40.3	<10
1098758	Soil	0.42	14.0	1.4	<0.05	0.9	3.90	16.7	0.04	<1	1.0	33.4	<10
1098759	Soil	0.34	14.5	3.1	<0.05	1.4	5.16	13.7	0.06	1	0.8	32.8	<10
1098760	Soil	0.46	13.1	1.4	<0.05	1.1	2.85	18.6	0.03	1	0.6	32.2	<10
1097912	Soil	0.14	9.7	8.1	<0.05	1.9	20.38	25.5	0.05	<1	1.1	38.6	<10
1097913	Soil	0.19	12.8	0.7	<0.05	1.3	5.45	14.7	0.04	<1	1.5	37.9	<10
1097914	Soil	0.23	14.2	3.4	<0.05	1.9	5.90	14.1	0.04	<1	1.1	35.4	<10
1097915	Soil	0.50	12.3	0.9	<0.05	1.4	4.90	12.8	0.05	<1	1.0	29.8	<10



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	Method Analyte	Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
			ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
			0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
1097916	Soil		0.85	29.04	40.64	96.8	60	27.3	15.9	648	3.72	14.5	0.8	0.9	2.0	7.4	0.11	0.49	0.34	25
1097917	Soil		1.00	19.73	34.10	67.0	103	19.5	10.7	682	4.48	10.6	0.8	0.7	0.9	7.9	0.25	0.57	0.36	27
1097896	Soil		1.35	25.90	45.50	83.7	65	20.2	13.1	1152	3.51	8.0	0.7	1.4	0.9	27.6	0.15	0.65	0.31	34
1097897	Soil		0.69	37.76	39.06	104.7	199	36.3	15.1	406	3.88	12.3	1.3	1.2	3.4	74.6	0.16	0.50	0.34	19
1097898	Soil		0.59	32.63	40.54	105.5	65	22.3	12.9	534	3.72	7.6	0.5	0.6	1.3	19.6	0.20	0.41	0.39	25
1097899	Soil		0.54	50.60	46.07	114.2	200	44.2	23.2	683	3.80	14.5	0.7	1.2	4.1	47.1	0.09	0.51	0.44	22
1097900	Soil		0.64	28.10	36.27	84.6	118	25.6	13.8	910	3.69	9.0	2.6	0.7	2.5	70.8	0.24	0.48	0.32	26
1098403	Soil		0.96	24.78	18.45	111.1	108	26.6	12.3	601	3.18	18.6	1.8	3.8	2.2	84.3	0.40	0.62	0.20	42
1098404	Soil		0.67	18.46	16.78	77.5	49	22.1	8.6	357	2.73	8.3	2.4	2.4	3.4	29.2	0.19	0.36	0.20	38
1098405	Soil		0.70	28.51	14.65	99.9	109	28.3	11.9	440	3.01	17.4	1.9	4.2	2.8	60.5	0.25	0.30	0.17	42
1098406	Soil		2.51	5.24	636.0	5965	300	5.8	3.5	3013	10.07	15.4	1.9	1.4	0.1	31.0	2.93	2.94	0.04	8
1098407	Soil		1.59	1.84	230.2	1628	280	2.3	2.2	1917	2.73	11.7	2.1	1.0	0.2	30.7	1.67	1.07	<0.02	8
1098408	Soil		14.12	17.25	19.66	117.0	414	41.6	8.6	433	2.07	109.0	21.1	1.7	0.5	32.0	0.38	5.39	0.12	140
1098409	Soil		45.52	16.33	19.69	141.0	649	49.1	6.9	254	1.42	87.8	14.6	1.6	1.2	103.5	1.36	5.37	0.04	139
1098410	Soil		0.40	1.68	3.68	15.4	23	5.6	1.4	226	0.28	7.9	1.1	0.9	0.1	59.6	0.10	0.45	<0.02	18
1098411	Soil		0.58	1.32	3.04	6.2	9	11.0	2.1	220	0.36	12.4	1.0	0.3	0.2	68.0	0.04	0.79	<0.02	21
1098412	Soil		0.24	1.13	2.20	2.4	8	5.8	1.3	257	0.15	11.6	1.0	0.2	0.1	49.1	0.03	0.30	<0.02	9
1098413	Soil		3.75	18.20	11.61	45.2	91	39.3	8.4	162	1.23	23.3	3.4	1.5	0.5	91.6	0.33	1.43	0.15	31
1098414	Soil		1.31	3.75	5.80	21.8	35	12.6	3.0	256	0.42	13.2	2.3	0.5	0.1	57.8	0.21	0.50	0.02	22
1098415	Soil		1.29	5.18	5.46	21.2	30	11.8	3.4	416	0.65	16.6	1.1	0.7	0.3	66.6	0.16	0.42	0.04	17
1098416	Soil		0.70	5.15	5.17	20.9	31	8.4	2.9	245	0.63	10.0	0.7	0.7	0.3	45.0	0.13	0.28	0.04	15
1098417	Soil		1.22	14.88	10.46	58.9	46	29.2	8.3	546	1.53	18.3	2.3	0.6	2.3	48.8	0.38	0.54	0.09	27
1098418	Soil		1.13	4.78	5.40	22.5	35	9.7	3.0	295	0.53	10.0	1.1	0.7	0.1	59.6	0.19	0.28	0.04	14
1098419	Soil		0.70	4.48	4.39	25.0	28	7.8	2.9	256	0.60	11.0	1.3	0.5	0.3	60.4	0.16	0.33	0.04	17
1098420	Soil		0.74	5.92	8.22	32.7	45	9.1	3.6	270	0.78	10.1	1.2	0.9	0.3	47.9	0.24	0.34	0.06	19
1098421	Soil		0.49	3.21	5.24	17.1	22	5.1	1.9	228	0.31	8.5	1.0	0.4	0.1	48.9	0.11	0.21	0.02	9
1098422	Soil		1.98	14.92	12.59	77.2	102	25.0	6.9	405	1.69	18.1	4.2	0.8	0.5	37.2	0.42	0.73	0.14	35
1098423	Soil		0.98	22.08	11.78	78.9	100	21.3	9.4	318	2.38	8.8	1.1	4.0	3.6	121.7	0.23	0.32	0.11	29
1098424	Soil		0.58	21.36	15.04	112.1	102	20.1	7.8	224	2.29	7.2	3.3	2.1	1.3	50.1	0.28	0.33	0.14	33
1098425	Soil		0.51	10.89	16.39	63.5	78	15.5	6.4	470	1.85	2.1	1.5	1.7	1.2	56.1	0.31	0.41	0.16	18



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1097916	Soil	5.8	20.0	0.28	111.2	0.004	2	1.44	0.009	0.10	<0.1	2.9	0.13	0.04	16	0.2	0.04	3.4	3.89	<0.1
1097917	Soil	6.2	25.5	0.23	81.4	0.005	2	2.07	0.004	0.08	<0.1	0.7	0.13	0.08	61	0.6	0.06	3.7	2.21	<0.1
1097896	Soil	8.4	25.2	0.42	204.1	0.005	3	1.47	0.005	0.09	<0.1	1.9	0.17	0.06	32	0.3	0.03	5.0	4.02	<0.1
1097897	Soil	9.1	19.9	0.37	128.0	0.001	3	1.35	0.004	0.09	<0.1	5.9	0.13	0.06	31	0.4	0.11	3.4	2.08	<0.1
1097898	Soil	4.4	24.4	0.36	80.3	0.002	1	1.47	0.004	0.10	<0.1	2.3	0.07	0.06	27	0.2	0.06	4.7	2.50	<0.1
1097899	Soil	7.2	29.3	0.90	108.2	0.002	4	1.85	0.006	0.12	<0.1	6.8	0.14	<0.02	10	0.3	0.06	5.3	3.25	<0.1
1097900	Soil	10.2	21.2	0.33	146.6	0.002	3	1.33	0.005	0.08	<0.1	5.0	0.08	0.09	47	0.3	0.05	3.4	1.19	<0.1
1098403	Soil	19.0	45.6	0.63	111.0	0.005	3	0.99	0.005	0.07	<0.1	5.1	0.23	0.06	621	1.2	0.03	3.1	1.01	<0.1
1098404	Soil	20.2	35.7	0.81	87.3	0.010	4	1.37	0.003	0.09	0.1	4.8	0.18	0.04	171	0.7	0.02	4.5	3.86	<0.1
1098405	Soil	23.1	47.2	0.46	67.7	0.004	5	0.82	0.004	0.10	<0.1	4.6	0.27	0.05	2414	0.8	<0.02	3.0	1.18	<0.1
1098406	Soil	3.7	7.7	5.76	77.4	0.005	3	0.42	0.008	0.02	<0.1	0.6	7.53	0.04	372	0.8	<0.02	1.1	0.48	0.1
1098407	Soil	2.7	5.4	7.01	24.3	0.004	1	0.29	0.005	0.01	<0.1	0.6	1.03	<0.02	1953	0.4	<0.02	0.8	0.24	<0.1
1098408	Soil	9.1	23.4	0.53	113.9	0.004	7	0.82	0.006	0.08	<0.1	1.2	2.60	0.18	162	0.9	0.11	2.4	1.02	<0.1
1098409	Soil	8.3	16.5	7.49	31.3	0.003	5	0.32	0.008	0.09	<0.1	1.7	2.12	<0.02	65	0.9	0.06	0.9	1.09	<0.1
1098410	Soil	3.6	5.3	9.24	16.1	0.004	2	0.18	0.009	0.01	<0.1	0.4	0.13	<0.02	11	0.3	<0.02	0.3	0.18	<0.1
1098411	Soil	2.7	5.1	8.80	14.1	0.003	<1	0.11	0.008	<0.01	<0.1	0.5	0.31	<0.02	9	0.3	<0.02	0.3	0.12	<0.1
1098412	Soil	2.2	2.1	11.22	18.3	0.002	<1	0.06	0.007	<0.01	<0.1	0.3	0.29	<0.02	10	0.4	<0.02	0.2	0.09	0.1
1098413	Soil	6.2	11.0	4.91	92.0	0.001	4	0.44	0.011	0.06	<0.1	0.8	0.86	0.03	34	0.5	0.06	0.8	1.56	<0.1
1098414	Soil	7.1	6.4	9.44	32.6	0.003	4	0.26	0.010	0.02	<0.1	0.3	0.20	<0.02	19	0.5	<0.02	0.5	0.32	<0.1
1098415	Soil	8.6	6.4	9.56	39.1	0.004	3	0.35	0.009	0.03	<0.1	0.7	0.36	<0.02	11	0.4	0.02	0.7	0.42	<0.1
1098416	Soil	7.4	6.4	9.58	32.4	0.007	2	0.37	0.008	0.02	<0.1	0.8	0.13	<0.02	16	0.4	<0.02	0.7	0.33	<0.1
1098417	Soil	11.8	9.0	6.93	92.0	0.009	2	0.90	0.006	0.07	<0.1	2.6	0.57	<0.02	115	0.2	0.03	1.9	0.89	<0.1
1098418	Soil	6.1	6.2	8.72	41.7	0.004	4	0.32	0.012	0.03	<0.1	0.4	0.21	<0.02	17	0.3	0.02	0.5	0.35	<0.1
1098419	Soil	6.6	6.6	10.05	32.1	0.005	3	0.37	0.010	0.02	<0.1	0.6	0.14	<0.02	13	0.4	<0.02	0.6	0.36	<0.1
1098420	Soil	7.1	8.7	8.82	42.3	0.007	3	0.44	0.010	0.03	<0.1	0.7	0.14	<0.02	13	0.5	<0.02	0.9	0.47	<0.1
1098421	Soil	5.6	4.7	9.66	20.3	0.004	3	0.20	0.009	0.02	<0.1	0.4	0.08	<0.02	16	0.4	<0.02	0.3	0.21	<0.1
1098422	Soil	12.4	16.1	5.47	80.4	0.007	7	1.08	0.011	0.07	<0.1	1.3	0.41	0.07	60	0.4	0.02	2.0	1.24	<0.1
1098423	Soil	17.9	35.4	2.39	77.7	0.004	3	0.79	0.008	0.08	<0.1	4.8	0.16	0.03	72	1.5	<0.02	2.4	2.42	<0.1
1098424	Soil	17.4	43.1	1.54	129.4	0.007	5	1.51	0.005	0.07	<0.1	2.9	0.12	0.09	71	1.0	<0.02	4.5	1.98	<0.1
1098425	Soil	11.4	20.0	0.80	925.5	0.009	7	1.04	0.014	0.10	<0.1	3.5	0.13	0.15	78	0.6	0.04	2.7	3.18	<0.1



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Part 3

CERTIFICATE OF ANALYSIS

WHI11001191.2

	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1097916	Soil	0.15	12.7	1.8	<0.05	1.6	4.89	14.8	0.04	<1	0.9	28.9	<10
1097917	Soil	0.34	9.5	0.8	<0.05	1.5	4.78	19.3	0.04	<1	1.0	14.7	<10
1097896	Soil	0.36	17.8	9.0	<0.05	0.6	6.09	20.4	0.04	<1	0.8	25.7	<10
1097897	Soil	0.28	8.9	0.7	<0.05	5.0	21.46	23.8	0.04	<1	1.0	31.6	<10
1097898	Soil	0.33	14.2	3.6	<0.05	1.3	5.10	14.9	0.05	<1	0.8	29.6	<10
1097899	Soil	0.12	9.8	0.9	<0.05	3.9	15.51	17.8	0.04	<1	1.3	62.7	<10
1097900	Soil	0.22	9.9	3.2	<0.05	1.7	19.10	52.6	0.05	<1	1.0	24.2	<10
1098403	Soil	0.25	6.9	0.7	<0.05	2.5	12.57	39.9	0.05	<1	1.1	18.9	<10
1098404	Soil	0.48	15.3	3.6	<0.05	2.0	11.97	41.9	0.02	<1	1.0	32.4	<10
1098405	Soil	0.14	9.3	0.8	<0.05	3.1	13.99	47.6	0.02	<1	1.3	17.4	<10
1098406	Soil	0.06	3.0	1.4	<0.05	0.2	4.91	6.6	<0.02	<1	0.3	2.3	<10
1098407	Soil	0.04	1.6	0.5	<0.05	0.2	3.38	4.8	<0.02	<1	0.3	1.8	<10
1098408	Soil	0.30	5.6	0.8	<0.05	2.0	10.59	19.0	<0.02	<1	0.7	7.0	<10
1098409	Soil	0.05	4.5	4.6	<0.05	2.0	10.54	17.4	<0.02	4	0.4	3.4	15
1098410	Soil	0.04	1.3	1.1	<0.05	0.5	5.98	4.8	<0.02	<1	0.1	1.5	<10
1098411	Soil	0.08	0.6	1.1	<0.05	0.6	4.36	3.8	<0.02	<1	<0.1	1.3	<10
1098412	Soil	0.02	0.5	0.5	<0.05	0.3	5.51	2.5	<0.02	<1	<0.1	1.0	<10
1098413	Soil	0.07	3.7	1.6	<0.05	0.8	7.39	14.2	0.03	1	0.3	2.9	<10
1098414	Soil	0.06	1.8	2.3	<0.05	0.4	9.79	8.6	<0.02	4	0.2	2.0	<10
1098415	Soil	0.09	2.4	1.2	<0.05	0.9	9.94	11.3	<0.02	1	0.2	3.1	<10
1098416	Soil	0.12	2.1	1.3	<0.05	0.9	10.29	9.2	<0.02	1	0.2	3.1	<10
1098417	Soil	0.27	4.6	1.1	<0.05	3.5	13.65	23.7	0.02	<1	0.5	7.9	<10
1098418	Soil	0.08	2.1	1.7	<0.05	0.6	7.13	7.9	<0.02	1	0.2	2.3	<10
1098419	Soil	0.07	2.4	0.6	<0.05	0.8	8.41	8.6	<0.02	<1	0.2	2.9	<10
1098420	Soil	0.12	2.7	2.7	<0.05	0.6	8.04	10.0	<0.02	1	0.2	3.6	<10
1098421	Soil	0.05	1.6	1.9	<0.05	0.4	6.24	6.4	<0.02	1	0.2	1.5	<10
1098422	Soil	0.34	6.3	1.3	<0.05	1.4	13.64	18.9	<0.02	3	0.8	8.2	<10
1098423	Soil	0.13	7.9	0.9	<0.05	2.8	12.62	36.5	0.02	<1	0.9	15.9	<10
1098424	Soil	0.29	9.6	1.0	<0.05	2.6	11.35	31.6	0.02	<1	1.1	38.9	<10
1098425	Soil	0.36	10.3	2.0	<0.05	2.7	14.55	21.3	<0.02	2	1.2	15.1	<10



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1098426	Soil	0.40	25.12	19.39	73.0	114	17.4	7.6	341	2.07	4.1	2.1	3.7	1.3	48.8	0.29	0.29	0.18	22	1.74
1098427	Soil	0.50	29.96	23.23	117.8	111	25.8	10.4	383	2.58	5.7	2.7	3.4	3.2	57.4	0.22	0.33	0.18	26	1.37
1098428	Soil	0.31	34.91	18.38	95.5	68	35.2	12.8	244	2.82	4.0	3.8	3.4	4.0	55.6	0.11	0.21	0.24	23	1.20
1098429	Soil	0.97	35.66	20.43	97.6	101	38.7	14.8	463	3.01	5.7	2.9	2.0	4.7	46.5	0.21	0.43	0.28	22	1.03
1098430	Soil	0.38	30.82	19.73	94.9	89	34.8	11.5	387	2.59	3.7	3.1	2.0	3.8	42.0	0.18	0.26	0.25	21	1.05
1096701	Soil	1.67	18.16	18.34	97.6	112	36.2	12.4	504	3.53	12.8	1.3	2.7	2.9	32.6	0.21	0.67	0.21	43	0.60
1096702	Soil	1.92	14.26	18.01	108.6	49	33.0	10.9	411	3.51	13.6	1.4	0.6	2.9	29.3	0.28	0.50	0.24	51	0.64
1096703	Soil	1.57	17.44	22.83	102.7	38	33.2	11.5	470	3.27	13.8	1.1	1.3	3.2	17.3	0.16	0.74	0.23	47	0.35
1096704	Soil	1.76	17.14	19.81	148.8	148	27.9	10.3	324	3.12	11.6	3.6	0.8	1.8	35.9	0.26	0.53	0.23	40	0.84
1096705	Soil	3.08	19.12	17.72	91.2	113	33.2	13.4	543	3.30	14.9	5.2	0.8	3.1	38.4	0.25	0.53	0.19	37	2.72
1096706	Soil	1.87	14.97	16.83	83.5	174	21.1	9.4	360	2.86	11.9	3.5	0.9	1.4	31.1	0.21	0.39	0.22	41	1.32
1096707	Soil	2.56	16.72	17.22	81.6	96	27.2	12.0	411	2.99	12.7	1.5	0.9	1.9	23.2	0.17	0.53	0.20	36	0.72
1096708	Soil	2.80	17.38	19.12	105.4	148	30.8	12.3	283	3.23	11.4	2.6	0.5	2.8	37.0	0.25	0.41	0.22	26	0.85
1096709	Soil	4.12	14.23	13.00	64.6	81	22.0	8.5	266	1.85	14.7	5.0	1.3	2.3	148.7	0.21	0.67	0.16	24	11.13
1096710	Soil	2.74	17.95	16.49	74.6	110	28.0	11.5	299	2.50	8.8	1.8	0.8	2.2	105.9	0.18	0.39	0.20	19	3.32
1096711	Soil	1.05	15.63	15.63	74.2	107	20.0	8.4	165	1.92	4.5	0.7	0.5	2.0	26.9	0.14	0.31	0.22	16	0.63
1096712	Soil	2.73	17.85	15.74	73.7	102	28.0	12.4	330	2.51	8.1	1.7	1.2	2.4	252.5	0.17	0.36	0.18	17	6.93
1096713	Soil	0.91	12.19	14.76	52.9	113	15.9	7.2	161	1.90	5.6	0.6	0.7	2.3	19.7	0.06	0.26	0.20	18	0.61
1096714	Soil	1.18	17.42	17.59	78.7	133	21.9	8.9	303	2.23	7.5	1.0	0.6	1.5	27.0	0.16	0.39	0.21	24	0.84
1098685	Soil	1.93	17.33	23.03	342.0	82	25.3	9.8	320	2.50	10.3	1.3	0.8	2.3	52.5	0.32	0.54	0.16	24	4.58
1098686	Soil	0.96	18.96	19.57	110.5	141	19.0	7.6	251	2.02	8.2	1.1	1.0	1.3	42.3	0.22	0.43	0.19	20	3.55
1098687	Soil	0.87	27.76	15.33	101.7	120	23.7	8.3	200	2.32	8.0	3.0	3.1	1.4	58.7	0.22	0.43	0.18	23	1.95
1098688	Soil	0.79	32.98	19.69	93.1	88	26.1	10.2	276	2.39	9.7	1.3	2.2	3.5	48.2	0.22	0.42	0.20	23	2.53
1098689	Soil	0.75	33.50	15.54	97.0	86	29.2	11.1	261	2.65	8.3	1.1	2.9	3.9	53.2	0.18	0.35	0.23	24	2.35
1098690	Soil	0.63	42.42	13.97	91.3	56	28.7	10.2	209	2.50	3.6	1.5	1.9	3.6	37.0	0.13	0.31	0.23	18	1.29
1098691	Soil	0.69	28.60	21.22	133.2	98	28.7	11.1	232	2.53	6.2	1.1	2.0	4.5	67.7	0.25	0.67	0.20	20	3.79
1098692	Soil	0.38	32.30	16.22	75.5	70	23.4	9.4	325	2.00	4.6	4.4	1.3	1.6	100.3	0.16	0.25	0.22	18	2.53
1098693	Soil	0.42	32.39	23.24	85.1	103	27.2	9.6	267	2.39	6.4	5.7	0.7	1.5	101.5	0.21	0.44	0.34	18	2.62
1098694	Soil	0.21	32.57	22.15	119.7	109	44.6	12.6	249	2.83	3.6	2.4	1.9	4.8	61.8	0.12	0.29	0.33	18	1.51
1098695	Soil	0.63	41.33	19.76	145.5	128	30.6	11.0	444	2.15	4.9	18.0	2.7	1.8	102.6	0.26	0.55	0.29	14	2.29



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15 La ppm 0.5	1F15 Cr ppm 0.5	1F15 Mg % 0.01	1F15 Ba ppm 0.5	1F15 Ti % 0.001	1F15 B ppm 1	1F15 Al % 0.01	1F15 Na % 0.001	1F15 K % 0.01	1F15 W ppm 0.1	1F15 Sc ppm 0.1	1F15 Ti ppm 0.02	1F15 S % 0.02	1F15 Hg ppb 5	1F15 Se ppm 0.1	1F15 Te ppm 0.02	1F15 Ga ppm 0.1	1F15 Cs ppm 0.02	1F15 Ge ppm 0.1	1F15 Hf ppm 0.02
1098426	Soil	11.6	29.6	1.19	861.6	0.005	6	1.43	0.007	0.08	<0.1	3.4	0.10	0.10	109	0.9	0.03	3.6	1.74	<0.1	0.10
1098427	Soil	18.9	40.0	1.34	278.5	0.008	6	1.52	0.006	0.12	<0.1	5.7	0.14	0.07	68	1.4	<0.02	4.4	3.09	0.1	0.12
1098428	Soil	19.6	49.9	1.79	180.5	0.005	5	2.07	0.005	0.11	<0.1	5.2	0.11	0.05	56	0.4	0.02	5.9	2.65	<0.1	0.16
1098429	Soil	13.0	34.2	1.16	157.3	0.004	4	1.65	0.004	0.10	<0.1	4.6	0.12	0.04	86	0.6	0.03	4.6	2.11	<0.1	0.11
1098430	Soil	14.5	35.6	1.21	186.2	0.004	5	1.73	0.003	0.09	<0.1	4.5	0.10	0.05	90	0.8	<0.02	4.7	1.98	<0.1	0.10
1096701	Soil	21.6	31.2	0.47	198.4	0.006	5	1.77	0.004	0.13	0.1	4.2	0.26	0.03	47	0.2	0.03	4.4	1.81	<0.1	0.07
1096702	Soil	14.3	30.3	0.41	198.7	0.005	5	1.92	0.002	0.17	<0.1	3.6	0.33	0.03	35	0.2	0.04	5.1	2.03	<0.1	0.08
1096703	Soil	13.8	31.1	0.49	180.4	0.009	3	1.91	0.003	0.10	0.1	3.4	0.28	0.02	48	0.1	0.03	5.4	2.05	<0.1	0.05
1096704	Soil	14.2	28.8	0.50	191.4	0.007	6	1.58	0.004	0.14	<0.1	3.1	0.23	0.07	41	0.4	0.03	4.0	1.48	<0.1	0.10
1096705	Soil	21.5	24.5	1.22	148.2	0.003	8	1.39	0.003	0.21	<0.1	4.4	0.25	0.05	36	0.2	0.02	3.3	1.43	<0.1	0.09
1096706	Soil	12.8	25.8	0.38	267.8	0.004	5	1.74	0.003	0.13	<0.1	2.6	0.29	0.13	56	0.5	0.02	4.6	1.50	<0.1	0.15
1096707	Soil	11.4	24.3	0.39	215.7	0.004	5	1.49	0.002	0.14	<0.1	2.8	0.22	0.06	32	0.3	0.02	4.1	1.31	<0.1	0.09
1096708	Soil	16.6	20.2	0.27	183.9	0.002	9	1.14	0.002	0.23	<0.1	3.9	0.25	0.05	31	0.4	<0.02	3.1	1.53	<0.1	0.12
1096709	Soil	10.5	11.8	3.78	75.7	0.003	7	0.48	0.007	0.15	<0.1	2.7	0.26	0.03	23	0.2	<0.02	1.4	1.27	<0.1	0.05
1096710	Soil	13.9	14.2	0.88	111.2	0.003	8	0.68	0.004	0.18	<0.1	3.3	0.22	0.06	23	0.3	0.03	1.9	1.44	<0.1	0.08
1096711	Soil	13.7	13.7	0.27	103.6	0.003	5	0.68	0.003	0.13	<0.1	2.4	0.13	0.06	27	0.2	0.02	2.1	1.38	<0.1	0.08
1096712	Soil	13.3	13.8	0.79	118.8	0.003	9	0.69	0.004	0.19	<0.1	3.5	0.23	0.05	27	0.3	<0.02	1.8	1.47	<0.1	0.07
1096713	Soil	12.6	15.5	0.25	131.8	0.003	5	0.81	0.002	0.12	<0.1	2.6	0.13	0.04	18	0.2	<0.02	2.5	1.33	<0.1	0.09
1096714	Soil	15.2	18.4	0.28	159.3	0.003	4	1.00	0.003	0.11	<0.1	2.3	0.14	0.07	34	0.3	0.04	2.9	1.24	<0.1	0.08
1098685	Soil	12.3	16.6	2.14	72.3	0.007	7	0.83	0.006	0.15	<0.1	3.5	0.25	0.04	54	0.1	<0.02	2.0	1.42	<0.1	0.07
1098686	Soil	10.0	16.4	1.52	96.8	0.003	7	0.75	0.005	0.12	<0.1	2.4	0.17	0.06	89	0.3	0.03	2.2	1.88	<0.1	0.09
1098687	Soil	15.0	23.5	0.51	110.7	0.003	8	0.78	0.004	0.13	<0.1	3.5	0.21	0.08	94	1.2	0.04	2.6	3.39	<0.1	0.09
1098688	Soil	19.1	33.6	1.98	118.2	0.006	4	1.09	0.006	0.10	<0.1	5.3	0.14	0.04	58	0.7	0.03	3.5	5.02	<0.1	0.09
1098689	Soil	19.8	36.4	1.80	158.5	0.005	4	1.16	0.005	0.11	<0.1	6.2	0.15	0.03	47	0.6	<0.02	3.8	4.86	<0.1	0.11
1098690	Soil	19.1	31.6	0.88	331.9	0.004	5	1.02	0.003	0.10	<0.1	6.3	0.14	0.05	32	0.5	0.02	3.1	3.17	<0.1	0.14
1098691	Soil	15.8	26.0	2.02	245.5	0.007	5	1.12	0.005	0.11	<0.1	5.0	0.14	<0.02	62	0.2	<0.02	3.3	2.34	<0.1	0.09
1098692	Soil	15.7	33.5	1.21	283.8	0.004	5	1.38	0.004	0.07	<0.1	3.5	0.08	0.08	53	0.7	<0.02	4.2	1.30	<0.1	0.09
1098693	Soil	15.8	27.8	0.74	236.1	0.004	3	1.27	0.004	0.05	<0.1	3.0	0.06	0.07	57	0.3	0.02	4.0	0.88	<0.1	0.08
1098694	Soil	19.7	45.1	1.38	100.9	0.004	4	1.88	0.002	0.08	<0.1	6.2	0.08	0.05	42	0.1	<0.02	6.1	3.17	<0.1	0.20
1098695	Soil	10.5	29.4	0.79	138.0	0.003	5	1.18	0.004	0.06	<0.1	3.5	0.09	0.12	74	0.9	<0.02	3.6	1.79	<0.1	0.10



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb ppm 0.02	Rb ppm 0.1	Sn ppm 0.1	Ta ppm 0.05	Zr ppm 0.1	Y ppm 0.01	Ce ppm 0.1	In ppm 0.02	Re ppb 1	Be ppm 0.1	Li ppm 0.1	Pd ppb 10
1098426	Soil	0.34	7.6	2.6	<0.05	3.8	15.40	22.1	0.02	<1	1.1	27.0	<10
1098427	Soil	0.31	13.1	1.7	<0.05	3.9	13.64	37.6	0.03	<1	0.9	35.0	<10
1098428	Soil	0.27	10.7	0.9	<0.05	6.2	14.77	38.9	0.03	<1	1.1	47.8	<10
1098429	Soil	0.19	7.4	0.7	<0.05	4.3	15.25	30.9	0.03	<1	1.2	46.4	<10
1098430	Soil	0.28	8.2	1.3	<0.05	4.3	13.91	32.1	0.03	1	1.0	46.6	<10
1096701	Soil	0.38	14.2	0.8	<0.05	2.8	13.80	47.3	0.03	<1	1.4	17.3	<10
1096702	Soil	0.44	19.3	1.2	<0.05	2.9	8.56	39.8	0.05	<1	0.9	16.3	<10
1096703	Soil	0.43	13.8	0.7	<0.05	2.3	6.86	41.3	0.02	<1	0.9	19.1	<10
1096704	Soil	0.52	18.3	0.6	<0.05	3.3	11.92	26.2	0.03	1	1.0	18.4	<10
1096705	Soil	0.31	14.4	0.6	<0.05	3.5	17.11	43.8	0.04	2	1.2	11.2	<10
1096706	Soil	0.50	14.9	0.9	<0.05	3.7	11.91	28.0	0.04	<1	1.1	12.3	<10
1096707	Soil	0.41	13.5	0.9	<0.05	2.9	7.81	31.5	0.03	<1	1.1	12.8	<10
1096708	Soil	0.32	17.0	0.9	<0.05	4.3	12.78	36.4	0.04	<1	1.0	9.3	<10
1096709	Soil	0.17	9.7	0.5	<0.05	2.5	11.80	24.2	0.03	2	0.6	5.1	<10
1096710	Soil	0.35	12.5	0.7	<0.05	3.7	12.30	31.8	0.03	<1	1.0	6.5	<10
1096711	Soil	0.25	11.6	0.5	<0.05	2.9	9.85	29.1	0.02	<1	0.8	7.6	<10
1096712	Soil	0.29	12.2	0.7	<0.05	3.5	12.14	31.7	0.02	2	0.9	5.6	<10
1096713	Soil	0.27	11.9	0.6	<0.05	3.0	7.64	28.4	0.03	<1	0.8	9.3	<10
1096714	Soil	0.35	10.9	0.7	<0.05	3.1	13.10	32.9	0.02	<1	0.9	9.9	<10
1098685	Soil	0.42	11.1	0.5	<0.05	3.3	10.72	28.0	0.02	<1	0.7	8.6	<10
1098686	Soil	0.33	9.4	1.0	<0.05	2.5	10.56	20.1	0.02	2	0.7	9.1	<10
1098687	Soil	0.37	11.9	0.6	<0.05	3.5	13.86	26.2	0.04	<1	1.1	11.7	<10
1098688	Soil	0.26	9.6	1.1	<0.05	3.6	15.27	39.1	0.03	<1	1.0	22.6	<10
1098689	Soil	0.26	9.9	0.8	<0.05	4.1	17.18	38.6	0.04	1	1.0	22.3	<10
1098690	Soil	0.34	9.4	1.2	<0.05	5.2	20.66	37.3	<0.02	<1	1.0	18.7	13
1098691	Soil	0.25	8.4	0.5	<0.05	3.8	14.02	32.8	0.03	<1	0.9	21.2	<10
1098692	Soil	0.32	6.8	0.8	<0.05	3.7	14.42	34.2	0.02	<1	0.9	29.8	<10
1098693	Soil	0.37	6.1	0.5	<0.05	2.4	13.11	28.7	0.03	<1	0.9	25.6	<10
1098694	Soil	0.32	7.6	0.7	<0.05	7.8	21.75	39.1	0.03	<1	1.2	53.2	<10
1098695	Soil	0.30	6.1	0.6	<0.05	5.0	15.87	20.9	0.03	<1	1.1	28.4	<10



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
1098696	Soil	1.82	7.33	7.01	30.4	16	16.4	4.2	86	0.86	12.6	3.6	0.4	1.2	96.5	0.25	0.43	0.07	11	23.33
1098697	Soil	1.28	7.05	5.40	41.9	27	18.1	3.2	93	0.66	13.1	3.3	0.6	1.1	89.0	0.31	0.35	0.06	15	20.64
1098698	Soil	3.35	12.88	12.34	92.3	68	35.2	7.0	269	1.39	27.3	3.5	0.4	1.7	85.4	0.52	0.66	0.09	27	18.43
1098699	Soil	1.66	17.24	23.76	98.5	54	31.5	12.9	507	3.36	13.8	1.2	1.5	1.8	22.5	0.12	0.74	0.24	47	0.39
1098700	Soil	1.61	20.24	22.81	103.7	138	36.9	13.5	614	3.45	12.4	1.5	0.9	4.3	45.3	0.25	0.53	0.21	37	1.32
1098843	Soil	0.93	20.66	19.10	72.8	128	15.2	8.1	214	3.27	12.1	0.6	0.9	1.6	14.7	0.35	0.69	0.29	33	0.15
1098844	Soil	2.61	28.14	40.08	136.2	1196	34.1	12.6	468	2.90	25.2	4.9	1.8	3.5	46.4	0.22	0.92	0.28	25	1.24
1098845	Soil	2.98	17.29	19.26	58.5	251	19.2	9.5	264	2.17	34.8	2.9	1.3	1.5	80.3	0.16	0.69	0.12	27	7.86
1098846	Soil	2.79	15.25	33.24	155.5	174	24.2	14.0	498	3.16	27.4	2.7	0.7	2.0	40.2	0.27	0.68	0.20	38	1.53
1098847	Soil	2.04	8.84	17.37	62.7	116	15.3	7.4	471	1.93	16.5	2.5	0.7	1.0	50.8	0.29	0.50	0.15	37	7.49
1098848	Soil	2.96	14.40	24.34	83.7	134	25.4	8.0	462	2.56	21.7	4.1	0.8	0.6	30.0	0.55	0.88	0.22	68	3.22
1098849	Soil	2.00	11.03	12.39	100.4	114	15.6	6.3	469	1.87	10.6	3.6	0.6	0.4	43.5	0.78	0.48	0.15	41	5.22
1098850	Soil	11.04	25.17	35.16	137.4	191	40.6	13.8	432	3.60	35.6	3.8	1.1	2.3	38.8	0.27	1.49	0.15	34	3.85
1098851	Soil	6.91	13.32	23.59	83.8	185	26.8	10.8	561	2.88	29.3	6.8	0.4	1.0	32.3	0.37	1.04	0.17	61	2.36
1098852	Soil	5.94	10.86	14.72	62.9	110	23.7	8.6	378	2.13	20.6	5.4	0.3	1.6	69.2	0.25	0.89	0.11	47	8.30
1098853	Soil	4.51	16.00	15.93	91.7	87	28.9	11.5	437	2.74	14.4	2.5	0.7	1.3	79.9	0.36	0.61	0.14	36	2.95
1098854	Soil	13.93	20.36	26.35	92.6	132	30.5	13.8	478	3.56	31.0	3.0	0.7	1.6	39.1	0.24	0.81	0.15	28	1.91
1098855	Soil	3.54	12.15	15.64	74.9	120	23.5	8.9	487	2.23	17.6	7.5	0.5	0.7	53.0	0.35	0.69	0.13	50	7.51
1098856	Soil	1.99	15.36	14.79	67.1	75	25.1	9.6	220	2.90	7.1	2.0	0.4	1.3	87.1	0.12	0.30	0.15	26	2.07
1098857	Soil	2.77	17.37	18.73	96.7	83	30.4	13.6	481	3.42	9.2	1.6	0.8	1.5	103.5	0.28	0.35	0.20	24	1.78
1098858	Soil	1.84	17.64	17.40	91.2	59	31.0	11.8	533	2.98	6.3	0.7	0.2	1.1	190.9	0.38	0.24	0.15	16	3.26
1098859	Soil	4.02	18.95	28.01	93.5	127	27.3	18.4	651	3.29	20.5	5.5	0.5	2.7	60.5	0.18	0.69	0.21	40	1.35
1098860	Soil	2.10	12.36	12.71	60.2	98	23.0	6.1	438	1.41	22.1	4.7	0.4	0.6	51.3	0.34	0.76	0.12	39	9.10
1098861	Soil	2.50	26.80	17.49	94.2	95	37.7	10.6	594	2.25	28.6	4.5	0.6	1.1	36.3	0.56	1.00	0.23	43	5.47
1098862	Soil	1.15	9.20	7.70	44.0	67	13.6	4.1	211	0.95	11.7	2.7	0.5	0.7	54.6	0.29	0.48	0.09	23	10.37
1098863	Soil	0.85	10.74	7.68	60.1	33	21.9	3.7	251	0.82	16.5	2.4	0.3	1.6	62.4	0.36	0.45	0.08	19	14.22
1098864	Soil	0.78	9.88	9.04	56.0	25	20.8	3.5	264	0.75	15.9	2.0	<0.2	1.8	64.4	0.38	0.39	0.07	16	15.50
1098865	Soil	0.72	8.76	7.66	51.0	25	18.7	3.1	266	0.67	14.7	2.2	<0.2	1.5	66.9	0.33	0.42	0.06	15	15.86
1098866	Soil	1.19	11.42	16.28	81.1	43	29.6	3.8	213	0.90	17.7	6.8	0.6	1.7	82.5	0.46	0.46	0.09	26	14.54
1098867	Soil	1.31	22.94	61.09	179.6	169	25.6	11.8	536	2.88	12.9	2.4	0.8	5.6	57.4	0.94	0.90	0.19	29	0.87



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1098696	Soil	4.6	6.1	5.06	119.8	0.002	2	0.21	0.006	0.07	<0.1	1.2	0.33	<0.02	15	0.2	<0.02	0.6	0.78	<0.1	<0.02
1098697	Soil	7.7	6.0	9.43	72.2	0.004	3	0.34	0.008	0.04	<0.1	1.2	0.29	<0.02	28	0.2	<0.02	0.7	0.76	<0.1	0.03
1098698	Soil	10.0	8.8	7.54	73.6	0.003	4	0.43	0.007	0.06	<0.1	2.4	0.45	<0.02	47	0.4	0.06	1.2	1.32	<0.1	0.05
1098699	Soil	17.5	32.6	0.52	173.6	0.009	3	2.03	0.003	0.11	0.1	3.2	0.28	0.02	31	0.3	0.05	5.5	2.15	<0.1	0.05
1098700	Soil	28.0	29.4	0.62	170.8	0.008	8	1.47	0.005	0.18	<0.1	5.8	0.29	0.03	52	0.2	0.03	4.1	1.95	<0.1	0.09
1098843	Soil	6.7	15.3	0.15	60.7	0.005	2	0.80	0.003	0.11	<0.1	1.8	0.20	0.04	37	0.2	0.05	4.2	7.95	<0.1	<0.02
1098844	Soil	15.4	21.5	0.40	122.8	0.006	7	1.00	0.005	0.16	<0.1	6.1	0.34	0.08	434	0.2	0.06	2.7	10.97	<0.1	0.09
1098845	Soil	9.4	12.6	3.68	91.7	0.002	8	0.49	0.005	0.11	<0.1	3.5	0.50	0.05	82	0.5	0.05	1.5	2.74	<0.1	0.06
1098846	Soil	16.7	20.3	0.39	249.6	0.002	8	0.98	0.003	0.17	<0.1	4.6	0.36	0.06	47	0.4	0.04	3.0	1.29	<0.1	0.07
1098847	Soil	11.3	17.4	3.87	102.3	0.006	3	1.03	0.006	0.07	0.1	2.3	0.21	0.03	45	0.2	<0.02	2.5	0.95	<0.1	0.04
1098848	Soil	17.8	23.6	1.17	93.4	0.005	3	1.28	0.005	0.07	<0.1	1.8	0.33	0.10	64	0.4	0.10	3.3	1.03	<0.1	0.02
1098849	Soil	11.3	18.3	2.02	127.4	0.006	6	1.00	0.005	0.08	<0.1	1.3	0.20	0.13	61	0.3	<0.02	2.6	0.77	<0.1	0.03
1098850	Soil	15.9	17.7	1.74	62.8	0.002	9	0.56	0.003	0.12	<0.1	6.1	0.62	0.08	101	0.5	0.03	1.6	1.47	<0.1	0.04
1098851	Soil	15.7	22.6	0.81	124.9	0.003	6	1.11	0.002	0.11	<0.1	2.8	0.50	0.11	69	0.2	0.03	3.2	1.03	<0.1	0.07
1098852	Soil	13.0	18.3	4.37	103.3	0.004	8	0.91	0.006	0.14	<0.1	3.2	0.36	0.03	31	0.2	0.05	2.2	1.08	<0.1	0.06
1098853	Soil	18.9	21.3	0.99	132.1	0.003	9	0.76	0.003	0.21	<0.1	3.4	0.32	0.08	26	0.2	0.03	2.5	1.33	<0.1	0.04
1098854	Soil	17.0	16.2	0.43	130.7	0.002	9	0.59	0.003	0.15	<0.1	4.8	0.38	0.12	75	0.4	0.03	1.7	1.07	<0.1	0.07
1098855	Soil	14.2	20.2	3.82	90.7	0.004	7	0.97	0.004	0.14	<0.1	2.2	0.31	0.06	45	0.2	0.03	2.4	0.94	<0.1	0.04
1098856	Soil	19.6	20.1	0.36	161.3	0.002	10	0.92	0.002	0.18	<0.1	3.9	0.24	0.09	53	0.3	0.02	2.8	1.05	<0.1	0.07
1098857	Soil	22.6	19.1	0.23	276.4	0.002	9	0.80	0.004	0.17	<0.1	3.4	0.19	0.08	40	0.6	0.07	2.1	0.54	<0.1	0.07
1098858	Soil	26.2	19.0	0.15	123.4	0.002	9	0.66	0.005	0.13	<0.1	2.5	0.19	0.12	53	0.6	0.07	1.8	0.79	<0.1	0.08
1098859	Soil	16.6	21.1	0.30	342.7	0.004	8	1.19	0.003	0.16	<0.1	4.4	0.27	0.08	51	0.8	0.08	3.8	1.09	<0.1	0.11
1098860	Soil	14.0	14.3	6.30	88.7	0.006	4	0.80	0.009	0.05	<0.1	1.0	0.56	0.08	41	0.7	0.07	1.6	0.81	<0.1	0.04
1098861	Soil	21.2	18.1	2.74	113.7	0.006	5	1.34	0.007	0.10	<0.1	2.0	0.73	0.13	72	0.8	0.09	3.4	1.60	<0.1	0.16
1098862	Soil	8.7	9.6	7.64	46.2	0.007	3	0.41	0.009	0.04	<0.1	1.1	0.18	0.05	26	0.4	0.06	1.0	0.56	<0.1	0.05
1098863	Soil	12.2	6.1	9.32	133.6	0.006	2	0.49	0.009	0.05	<0.1	1.8	0.35	0.03	52	0.4	0.05	1.0	0.93	<0.1	0.05
1098864	Soil	11.3	5.6	8.61	189.4	0.006	1	0.47	0.008	0.05	<0.1	1.7	0.32	0.04	46	0.2	0.05	1.0	0.94	<0.1	0.10
1098865	Soil	10.5	5.6	9.01	258.2	0.005	2	0.41	0.008	0.04	<0.1	1.5	0.30	0.04	41	0.2	0.04	0.9	0.77	<0.1	0.06
1098866	Soil	12.9	8.7	8.66	98.4	0.008	3	0.82	0.011	0.06	<0.1	1.8	0.40	0.04	57	0.2	0.05	1.2	1.25	<0.1	0.05
1098867	Soil	21.3	38.3	0.91	97.6	0.004	4	1.19	0.004	0.09	<0.1	6.0	0.16	0.04	146	1.3	0.05	3.6	1.11	<0.1	0.09



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10
1098696	Soil	0.12	3.3	1.1	<0.05	1.6	5.87	9.8	<0.02	<1	0.3	1.5	<10
1098697	Soil	0.13	3.1	0.2	<0.05	2.0	10.53	11.9	<0.02	2	0.3	2.8	<10
1098698	Soil	0.17	4.5	0.7	<0.05	2.5	13.45	19.7	<0.02	2	0.5	3.8	<10
1098699	Soil	0.45	14.0	0.7	<0.05	1.2	9.16	52.5	0.05	<1	1.1	16.5	<10
1098700	Soil	0.47	16.3	1.0	<0.05	3.6	17.62	55.7	0.04	<1	1.3	13.1	<10
1098843	Soil	0.43	18.3	1.0	<0.05	0.4	2.72	16.0	0.03	<1	0.5	3.2	<10
1098844	Soil	0.35	19.7	2.2	<0.05	3.2	44.49	31.3	0.03	<1	0.9	11.8	<10
1098845	Soil	0.22	8.7	0.3	<0.05	2.1	11.85	21.0	<0.02	<1	0.5	4.6	<10
1098846	Soil	0.40	11.7	0.8	<0.05	2.0	15.09	38.2	0.04	<1	1.0	7.2	<10
1098847	Soil	0.43	7.2	0.9	<0.05	1.1	9.90	25.0	0.03	<1	0.6	7.7	<10
1098848	Soil	0.54	8.5	0.9	<0.05	0.9	16.58	30.0	0.03	1	0.6	8.9	<10
1098849	Soil	0.53	7.3	0.5	<0.05	1.1	10.75	22.0	0.03	<1	0.6	7.4	<10
1098850	Soil	0.19	7.7	0.7	<0.05	1.5	14.03	35.8	0.03	2	0.8	2.8	<10
1098851	Soil	0.41	9.8	0.6	<0.05	1.8	14.69	34.5	0.04	1	1.0	6.6	<10
1098852	Soil	0.26	11.4	0.8	<0.05	1.9	12.58	29.2	0.02	<1	0.7	5.2	<10
1098853	Soil	0.36	13.8	0.7	<0.05	2.4	13.25	43.6	0.03	<1	1.1	5.3	<10
1098854	Soil	0.30	9.2	0.6	<0.05	2.0	14.86	38.7	0.04	2	0.7	3.2	<10
1098855	Soil	0.32	10.4	0.4	<0.05	1.2	14.76	29.7	<0.02	<1	0.7	5.6	<10
1098856	Soil	0.44	13.0	0.6	<0.05	2.4	15.22	35.6	0.04	2	1.5	6.3	<10
1098857	Soil	0.30	10.3	0.8	<0.05	2.8	16.29	46.9	0.04	2	1.3	5.5	<10
1098858	Soil	0.30	10.4	1.7	<0.05	2.8	14.18	50.4	0.03	<1	1.3	4.9	<10
1098859	Soil	0.43	14.1	0.9	<0.05	2.7	13.49	39.2	0.03	<1	1.3	7.6	<10
1098860	Soil	0.21	5.4	0.3	<0.05	1.5	16.61	20.8	<0.02	<1	0.5	4.9	<10
1098861	Soil	0.71	9.1	0.6	<0.05	5.1	22.93	35.3	0.03	<1	1.1	8.6	<10
1098862	Soil	0.17	3.0	0.3	<0.05	1.3	9.28	13.3	<0.02	1	0.3	3.6	<10
1098863	Soil	0.29	3.8	0.5	<0.05	3.1	13.60	17.6	<0.02	2	0.5	4.7	<10
1098864	Soil	0.16	3.6	1.6	<0.05	5.4	13.03	16.0	<0.02	<1	0.4	4.6	<10
1098865	Soil	0.16	3.1	0.7	<0.05	3.5	11.80	14.7	<0.02	<1	0.3	3.8	<10
1098866	Soil	0.25	4.8	6.3	<0.05	3.4	15.16	19.5	<0.02	2	0.5	6.9	<10
1098867	Soil	0.31	10.1	1.8	<0.05	4.4	10.79	45.8	0.04	<1	0.9	23.4	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1098868	Soil	0.62	22.18	36.83	123.4	105	25.9	11.9	311	2.62	9.7	1.1	3.8	6.2	33.5	0.44	0.47	0.22	30	0.84
1098869	Soil	0.80	24.25	27.53	91.4	62	26.2	10.7	886	2.91	3.6	1.4	1.7	4.8	41.7	0.39	0.40	0.26	21	1.16
1098870	Soil	0.54	33.91	15.95	84.6	41	29.7	11.0	280	2.73	3.7	1.0	0.9	4.4	41.7	0.22	0.29	0.25	28	0.94
1098871	Soil	0.93	7.11	14.26	66.1	62	17.8	7.3	280	2.35	4.3	0.9	1.3	4.4	39.2	0.33	0.54	0.22	45	1.20
1098872	Soil	0.88	52.48	17.90	73.5	58	21.8	11.1	570	2.62	8.4	5.0	0.8	1.7	46.3	0.25	0.62	0.32	34	0.89
1098873	Soil	0.60	22.77	14.43	82.5	85	22.8	9.4	462	2.32	5.7	6.9	2.2	1.6	46.8	0.33	0.31	0.24	35	1.14
1098874	Soil	0.92	36.36	64.25	319.6	169	28.2	11.2	444	2.76	15.6	1.1	3.7	5.3	52.4	0.95	0.40	0.26	25	1.34
1098875	Soil	0.70	43.80	53.43	173.1	179	40.0	15.0	465	2.82	9.9	3.9	2.4	4.0	102.3	0.40	0.47	0.33	19	2.88
1098876	Soil	0.51	42.47	53.75	164.4	137	46.9	16.9	273	3.06	7.4	3.7	2.3	6.0	53.8	0.32	0.49	0.35	19	1.32
1098877	Soil	0.36	32.89	46.26	238.4	93	44.4	12.1	301	3.05	7.3	2.3	1.2	4.8	37.4	0.45	0.45	0.31	19	0.99
1098271	Soil	1.31	32.23	49.06	100.3	68	31.5	23.2	1148	4.58	24.8	1.0	0.8	0.8	9.4	0.20	0.76	0.44	29	0.11
1098272	Soil	1.01	23.62	23.14	81.8	261	27.7	10.5	489	2.97	9.2	1.1	1.0	0.7	33.6	0.15	0.68	0.26	36	0.44
1098273	Soil	1.20	17.31	14.35	83.6	62	22.3	6.5	203	2.53	9.8	0.6	1.9	3.0	10.6	0.17	0.76	0.22	52	0.11
1098274	Soil	0.50	26.12	41.78	112.9	85	41.9	17.7	641	3.68	7.4	1.1	<0.2	5.1	31.0	0.11	0.22	0.49	13	0.28
1098761	Soil	0.78	45.55	48.47	88.3	45	36.7	17.7	413	3.40	11.5	0.9	0.6	2.7	14.7	0.07	0.73	0.45	29	0.10
1098762	Soil	1.17	32.71	83.04	116.9	109	27.3	29.1	1519	4.20	14.7	0.8	1.3	1.0	34.4	0.31	0.58	0.47	29	0.58
1098763	Soil	1.21	49.02	58.45	115.4	100	50.8	31.9	729	4.72	27.2	1.2	0.4	2.5	17.1	0.13	0.88	0.40	24	0.08
1098764	Soil	1.03	29.79	43.09	93.9	338	23.9	16.0	1012	4.37	11.2	0.9	<0.2	0.6	10.4	0.26	0.58	0.42	29	0.10
1098765	Soil	0.94	27.07	37.26	85.4	139	25.5	12.8	730	3.80	13.8	0.7	0.7	0.7	15.0	0.11	0.53	0.36	23	0.13
1098766	Soil	1.04	24.40	38.21	82.6	247	25.0	13.1	610	3.98	12.7	0.8	2.6	0.5	10.5	0.18	0.65	0.36	28	0.09
1098767	Soil	1.24	30.57	39.12	142.8	147	57.8	17.3	467	4.26	14.3	0.9	1.3	0.8	9.3	0.12	0.67	0.38	32	0.05
1098768	Soil	1.51	30.66	53.62	170.0	114	61.0	22.7	663	3.68	16.0	1.1	0.6	1.1	10.8	0.26	0.89	0.37	33	0.08
1098769	Soil	1.04	30.37	43.05	92.9	146	28.5	14.1	564	3.66	9.2	0.7	1.2	2.0	13.6	0.18	0.42	0.38	17	0.09
1098770	Soil	1.09	19.22	15.52	80.6	246	20.9	6.4	311	2.28	7.3	0.8	1.6	0.3	10.5	0.24	0.64	0.21	45	0.09
1098771	Soil	1.32	34.63	40.46	116.0	122	30.8	12.8	447	4.40	11.3	1.1	1.2	2.6	25.5	0.17	0.77	0.35	39	0.05
1098772	Soil	1.29	26.96	43.88	120.8	74	27.6	14.7	549	4.72	11.3	0.8	2.3	1.5	14.4	0.30	0.92	0.66	31	0.06
1098773	Soil	0.42	26.97	33.77	128.2	254	40.6	16.3	985	5.05	8.8	0.7	0.8	8.9	90.6	0.15	0.27	0.51	14	0.86
1098774	Soil	1.08	24.48	28.90	116.3	44	30.3	13.7	654	3.91	12.1	0.8	2.7	3.1	39.1	0.21	0.90	0.41	37	0.28
1098775	Soil	1.04	18.17	21.52	97.6	91	18.9	9.2	435	3.21	8.6	0.5	2.4	1.1	7.6	0.23	0.63	0.38	33	0.04
1098776	Soil	0.69	15.03	21.89	97.0	229	20.1	6.5	494	2.73	8.7	1.0	1.2	1.1	29.4	0.21	0.53	0.33	24	0.52



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1098868	Soil	27.3	38.2	1.32	174.8	0.010	3	1.48	0.005	0.11	<0.1	6.5	0.13	0.04	50	1.1	0.04	4.6	4.41	<0.1
1098869	Soil	24.6	31.8	0.71	411.5	0.005	6	1.05	0.004	0.13	<0.1	5.8	0.12	0.04	54	0.7	0.03	2.8	1.75	<0.1
1098870	Soil	24.0	43.2	1.60	441.0	0.007	5	1.98	0.005	0.13	<0.1	6.1	0.14	0.04	27	0.4	<0.02	5.7	1.23	<0.1
1098871	Soil	19.7	36.8	0.85	793.1	0.019	2	1.87	0.006	0.09	0.2	2.9	0.20	0.05	22	0.5	0.07	6.2	3.26	<0.1
1098872	Soil	19.2	30.2	0.67	354.6	0.014	2	1.38	0.006	0.07	0.1	3.7	0.13	0.07	69	1.5	0.03	4.3	2.70	<0.1
1098873	Soil	20.6	43.2	1.57	181.0	0.011	3	1.69	0.005	0.07	<0.1	3.0	0.11	0.08	69	1.3	0.04	5.4	1.45	<0.1
1098874	Soil	27.0	44.1	1.76	110.6	0.006	5	1.51	0.006	0.12	<0.1	6.3	0.11	0.04	130	1.6	0.03	4.6	3.22	<0.1
1098875	Soil	21.1	39.5	1.14	172.7	0.005	5	1.56	0.006	0.10	<0.1	4.7	0.11	0.07	87	0.8	0.04	4.7	2.17	<0.1
1098876	Soil	21.6	45.6	1.43	117.0	0.006	5	1.83	0.004	0.12	<0.1	5.3	0.10	0.06	67	0.7	0.02	5.5	3.60	<0.1
1098877	Soil	23.8	46.4	1.25	100.1	0.006	4	1.75	0.004	0.10	<0.1	5.6	0.09	0.06	52	0.5	0.05	5.3	2.62	<0.1
1098271	Soil	5.7	21.9	0.22	159.3	0.006	3	1.34	0.004	0.12	<0.1	1.7	0.17	0.05	27	0.5	0.11	4.1	3.11	<0.1
1098272	Soil	11.8	24.9	0.35	157.4	0.008	2	1.44	0.007	0.07	0.1	1.8	0.11	0.05	38	0.6	0.05	3.9	1.56	<0.1
1098273	Soil	11.7	25.4	0.38	103.7	0.023	2	1.36	0.006	0.05	0.3	2.1	0.12	<0.02	29	0.3	0.02	4.6	1.31	<0.1
1098274	Soil	12.5	19.1	0.24	157.9	0.003	3	1.29	0.005	0.11	<0.1	4.1	0.17	0.05	32	0.6	0.05	3.3	2.39	<0.1
1098761	Soil	9.0	27.0	0.53	111.7	0.009	2	1.62	0.005	0.09	<0.1	2.8	0.09	<0.02	10	0.3	0.08	4.3	3.22	<0.1
1098762	Soil	5.8	23.8	0.24	296.4	0.008	3	1.39	0.008	0.11	<0.1	3.1	0.11	0.10	30	0.5	0.09	4.5	5.81	<0.1
1098763	Soil	6.5	25.9	0.35	185.8	0.006	2	1.54	0.014	0.09	<0.1	3.4	0.15	0.08	23	0.6	0.07	3.5	3.98	<0.1
1098764	Soil	6.1	28.1	0.24	156.0	0.007	2	1.51	0.006	0.09	<0.1	1.1	0.10	0.10	39	0.7	0.09	4.3	2.62	<0.1
1098765	Soil	4.9	19.1	0.20	150.4	0.006	2	1.15	0.009	0.08	<0.1	1.5	0.12	0.07	26	0.5	0.08	3.4	2.67	<0.1
1098766	Soil	6.2	24.4	0.25	103.6	0.009	2	1.41	0.008	0.08	<0.1	1.2	0.12	0.06	30	0.6	0.04	3.4	2.30	<0.1
1098767	Soil	6.7	26.1	0.32	115.8	0.011	3	1.79	0.006	0.09	0.1	2.0	0.12	0.05	40	0.4	0.10	4.5	6.52	<0.1
1098768	Soil	7.1	26.0	0.32	115.4	0.017	2	1.95	0.008	0.08	0.1	2.4	0.09	0.06	20	0.6	0.03	3.8	4.30	<0.1
1098769	Soil	4.6	21.1	0.18	102.3	0.003	2	1.08	0.007	0.09	<0.1	2.7	0.13	0.05	29	0.4	0.07	2.9	2.83	<0.1
1098770	Soil	10.0	26.9	0.33	147.5	0.009	1	1.40	0.006	0.05	0.2	0.7	0.13	0.05	39	0.4	0.03	4.6	1.81	<0.1
1098771	Soil	8.2	26.7	0.28	136.9	0.013	2	1.64	0.013	0.09	<0.1	3.7	0.14	0.11	21	0.6	0.13	4.3	4.26	<0.1
1098772	Soil	7.8	30.4	0.40	89.7	0.012	2	1.63	0.005	0.10	0.1	2.3	0.15	0.06	47	0.6	0.05	4.4	2.65	<0.1
1098773	Soil	23.7	21.4	0.31	246.2	0.003	4	1.42	0.006	0.09	<0.1	9.1	0.18	0.03	68	0.3	<0.02	3.5	1.86	<0.1
1098774	Soil	9.9	27.2	0.41	150.6	0.011	4	1.50	0.004	0.07	0.1	3.0	0.14	<0.02	29	0.3	0.02	4.7	1.76	<0.1
1098775	Soil	8.1	20.8	0.22	101.6	0.008	3	1.13	0.003	0.10	0.1	1.7	0.15	0.02	35	0.3	0.04	4.9	1.97	<0.1
1098776	Soil	11.8	19.9	0.27	168.8	0.005	2	1.14	0.004	0.08	<0.1	1.7	0.13	0.04	87	0.3	<0.02	3.5	1.18	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppb	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1098868	Soil	0.38	13.6	0.8	<0.05	3.6	13.88	57.3	0.02	<1	0.9	33.5	<10
1098869	Soil	0.19	13.5	6.0	<0.05	2.8	10.23	53.8	<0.02	<1	0.5	16.4	<10
1098870	Soil	0.38	15.2	0.8	<0.05	4.6	17.72	47.4	0.03	1	1.1	37.1	<10
1098871	Soil	0.79	20.7	2.0	<0.05	1.7	4.19	40.1	0.04	<1	0.6	25.4	<10
1098872	Soil	0.60	14.6	0.6	<0.05	1.5	16.91	38.3	0.04	<1	0.6	19.9	<10
1098873	Soil	0.50	10.6	0.9	<0.05	2.2	11.82	42.3	0.04	<1	0.7	32.9	<10
1098874	Soil	0.23	11.8	1.0	<0.05	4.7	18.87	52.4	0.04	<1	0.7	38.2	<10
1098875	Soil	0.28	8.4	1.0	<0.05	7.0	20.29	43.1	0.04	<1	0.6	33.7	<10
1098876	Soil	0.29	9.6	0.9	<0.05	8.5	16.97	41.8	0.05	<1	0.9	44.1	<10
1098877	Soil	0.28	9.3	1.1	<0.05	6.8	21.40	44.1	0.05	1	1.0	40.6	<10
1098271	Soil	0.19	17.7	0.7	<0.05	1.2	6.59	18.8	0.05	<1	1.0	17.4	<10
1098272	Soil	0.39	10.1	1.8	<0.05	0.4	10.31	29.2	<0.02	<1	0.8	25.0	<10
1098273	Soil	0.81	8.4	0.9	<0.05	0.6	3.36	24.3	<0.02	<1	0.2	15.8	<10
1098274	Soil	0.20	12.4	1.8	<0.05	2.2	13.77	36.6	0.04	<1	1.5	30.7	<10
1098761	Soil	0.21	10.1	0.7	<0.05	1.3	5.99	20.9	0.05	<1	1.0	47.8	<10
1098762	Soil	0.31	17.7	6.0	<0.05	1.4	7.53	14.5	0.02	2	0.9	26.9	<10
1098763	Soil	0.20	9.8	0.8	<0.05	1.8	6.99	19.4	0.03	<1	1.1	49.1	<10
1098764	Soil	0.39	12.9	1.7	<0.05	0.9	4.90	15.6	0.05	<1	0.8	22.0	<10
1098765	Soil	0.20	10.8	0.7	<0.05	0.9	4.41	11.5	0.03	<1	0.8	21.4	<10
1098766	Soil	0.31	9.7	2.7	<0.05	0.6	3.96	16.3	0.04	<1	0.7	23.3	<10
1098767	Soil	0.38	12.7	1.1	<0.05	0.9	5.73	16.7	0.04	<1	1.0	42.3	<10
1098768	Soil	0.53	9.7	8.9	<0.05	1.8	6.72	15.8	<0.02	<1	1.3	39.0	<10
1098769	Soil	0.14	9.7	2.3	<0.05	1.5	5.33	11.5	0.04	<1	0.6	22.8	<10
1098770	Soil	0.23	11.1	2.5	<0.05	0.3	4.07	20.2	<0.02	<1	0.6	18.0	<10
1098771	Soil	0.49	14.3	0.8	<0.05	1.0	4.94	19.2	0.04	<1	1.0	26.7	<10
1098772	Soil	0.44	12.4	4.5	<0.05	0.6	4.36	19.7	0.05	<1	0.8	29.1	<10
1098773	Soil	0.16	9.2	1.0	<0.05	2.7	27.91	53.9	0.05	<1	1.7	38.1	<10
1098774	Soil	0.45	11.9	2.6	<0.05	0.4	5.77	23.7	0.04	<1	0.8	31.5	<10
1098775	Soil	0.56	17.6	1.3	<0.05	0.3	2.95	17.2	0.03	<1	0.6	16.5	<10
1098776	Soil	0.25	11.5	1.7	<0.05	0.8	10.04	27.6	0.04	1	0.9	14.8	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
1098777	Soil	0.66	18.95	53.20	139.2	276	25.1	9.2	610	2.66	12.0	1.0	1.4	2.0	46.4	0.38	1.11	0.25	18	2.65
1098778	Soil	0.39	25.05	35.19	37.3	171	18.6	8.1	1406	2.66	28.9	3.3	3.8	0.7	39.0	0.13	3.31	0.18	7	16.11
1098779	Soil	0.69	12.98	20.60	43.3	83	11.4	6.6	5011	4.59	20.3	1.6	<0.2	0.4	22.5	0.75	1.34	0.16	16	10.77
1098780	Soil	0.59	18.10	26.45	88.7	161	21.5	7.6	461	2.99	11.2	1.2	1.3	2.0	60.6	0.29	0.72	0.28	21	2.20
1098781	Soil	0.80	16.35	29.81	133.0	194	19.9	10.3	2075	4.31	17.6	0.9	1.5	1.3	15.0	0.93	1.14	0.27	34	1.53
1098782	Soil	0.43	12.04	18.23	32.6	72	10.0	7.2	2641	3.08	14.0	0.8	1.2	0.7	16.4	0.22	0.71	0.17	14	5.58
1098783	Soil	1.43	53.45	36.83	172.5	246	34.3	19.6	3397	3.90	15.7	2.0	0.7	1.5	52.1	1.04	0.78	0.35	38	3.43
1098784	Soil	0.67	24.05	40.81	48.8	49	27.6	16.2	1081	4.20	27.8	0.9	0.6	5.2	15.2	0.06	0.76	0.36	23	0.80
1098785	Soil	0.45	28.92	24.07	75.5	83	27.2	13.2	516	3.48	13.2	1.1	0.4	2.9	37.0	0.13	0.47	0.40	23	1.46
1098786	Soil	0.70	26.65	30.57	79.4	43	30.6	16.6	487	4.06	9.1	0.5	<0.2	4.5	11.3	0.07	0.36	0.42	29	0.25
1098787	Soil	0.36	27.61	14.20	56.9	96	19.4	8.9	453	2.12	5.5	1.4	1.0	0.9	72.6	0.22	0.30	0.26	15	3.35
1098788	Soil	0.69	28.05	29.85	77.6	69	25.8	13.5	514	3.83	8.4	0.8	<0.2	3.7	24.0	0.07	0.28	0.39	29	0.53
1098789	Soil	0.54	47.67	35.21	109.2	142	36.1	25.0	563	5.32	9.6	0.6	0.3	5.4	12.1	0.07	0.29	0.55	33	0.07
1098790	Soil	0.72	23.44	36.83	116.9	104	30.5	12.2	649	3.48	9.7	1.2	0.5	3.1	43.4	0.23	0.37	0.34	15	1.32
1098791	Soil	0.89	29.78	48.73	114.1	653	27.2	17.5	986	4.55	15.0	0.8	<0.2	0.6	45.5	0.18	0.55	0.44	23	0.49
1098792	Soil	0.74	29.69	52.07	85.7	239	25.1	13.5	558	3.87	8.0	1.0	0.4	2.7	22.7	0.10	0.36	0.35	14	0.24
1098793	Soil	0.69	27.27	52.62	92.1	319	23.3	17.0	715	3.65	6.9	0.7	<0.2	2.1	16.1	0.14	0.34	0.36	14	0.18
1098794	Soil	0.68	26.66	46.11	80.3	488	20.6	14.0	607	3.34	6.1	0.9	<0.2	2.1	20.1	0.20	0.33	0.36	14	0.18
1098795	Soil	0.70	31.70	49.17	84.4	254	24.4	16.3	1062	3.09	10.7	1.1	<0.2	1.4	116.0	0.18	0.36	0.31	11	1.27
1098796	Soil	0.59	37.35	50.76	103.1	308	28.8	15.3	477	4.32	8.7	0.7	<0.2	3.2	19.1	0.16	0.37	0.42	14	0.16
1098797	Soil	0.60	34.86	43.78	91.1	248	24.1	11.9	329	4.09	9.3	0.7	0.5	3.0	23.4	0.10	0.38	0.40	13	0.23
1098798	Soil	1.02	39.63	60.63	122.6	213	33.4	19.6	745	4.28	15.5	1.5	1.4	2.9	52.8	0.18	0.54	0.36	17	0.67
1098799	Soil	0.80	38.28	44.19	96.5	206	31.0	16.0	515	4.40	14.8	1.1	0.2	4.3	28.9	0.11	0.50	0.43	18	0.29
1098800	Soil	0.96	36.48	50.33	98.0	183	34.4	17.6	586	3.76	14.3	1.2	0.6	2.8	45.2	0.14	0.48	0.34	16	0.59
1098275	Soil	7.65	28.67	22.20	138.0	205	33.9	15.9	429	3.73	34.7	3.5	<0.2	6.0	37.3	0.92	1.86	0.20	31	3.38
1098276	Soil	4.83	26.39	27.22	131.6	206	30.6	9.9	240	3.31	47.3	4.8	0.7	1.4	36.6	0.48	1.45	0.19	38	3.36
1098277	Soil	1.63	18.64	16.32	93.3	71	32.5	14.0	453	3.56	6.4	0.8	<0.2	2.0	100.0	0.21	0.28	0.19	24	1.67
1098278	Soil	1.57	21.64	29.81	94.8	152	21.7	13.2	536	4.52	6.4	1.2	<0.2	0.6	7.9	0.21	0.49	0.36	28	0.12
1098279	Soil	0.90	24.28	31.56	86.3	149	25.9	19.8	461	3.09	6.4	0.8	<0.2	1.3	17.4	0.10	0.43	0.33	17	0.19
1098280	Soil	0.91	17.92	17.07	69.1	133	21.9	10.0	429	2.69	7.0	1.1	1.0	2.4	21.0	0.12	0.51	0.21	23	0.53



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.02
1098777	Soil	13.1	16.8	0.98	77.6	0.003	4	0.74	0.005	0.08	<0.1	3.1	0.09	0.03	298	0.4	<0.02	2.1	0.38	<0.1
1098778	Soil	6.6	7.2	8.71	57.4	<0.001	6	0.36	0.010	0.04	<0.1	1.0	0.19	<0.02	399	0.6	0.16	0.9	0.28	<0.1
1098779	Soil	10.0	12.4	5.85	185.0	0.004	8	0.82	0.011	0.04	<0.1	1.0	0.15	0.06	147	0.5	0.05	1.5	0.51	<0.1
1098780	Soil	13.1	18.4	0.56	78.4	0.005	4	1.04	0.005	0.07	<0.1	3.1	0.11	0.05	104	0.5	0.03	3.1	0.78	<0.1
1098781	Soil	15.0	22.7	0.66	146.7	0.007	3	1.46	0.006	0.06	<0.1	2.6	0.12	0.08	161	0.3	0.05	3.7	0.68	<0.1
1098782	Soil	8.5	13.2	3.25	107.3	0.003	6	0.95	0.008	0.05	<0.1	1.2	0.07	0.06	93	0.4	0.03	2.0	0.37	<0.1
1098783	Soil	20.4	23.2	0.31	264.2	0.003	7	1.22	0.005	0.16	<0.1	3.5	0.12	0.06	78	0.6	0.06	3.7	0.39	<0.1
1098784	Soil	12.4	23.5	0.43	109.5	0.002	3	1.57	0.002	0.14	<0.1	5.1	0.10	0.03	57	0.2	0.05	4.5	0.51	<0.1
1098785	Soil	8.1	28.5	0.41	137.2	0.005	4	1.45	0.006	0.17	<0.1	4.3	0.12	0.05	66	0.3	0.03	5.2	1.75	<0.1
1098786	Soil	7.5	34.9	0.48	112.9	0.004	2	1.75	0.002	0.13	<0.1	3.5	0.11	<0.02	19	0.1	0.04	6.4	1.40	<0.1
1098787	Soil	7.3	18.7	0.33	167.1	0.005	10	1.00	0.007	0.14	<0.1	1.8	0.11	0.11	63	0.4	0.04	3.1	1.12	<0.1
1098788	Soil	7.5	34.2	0.36	155.9	0.002	2	1.75	0.003	0.14	<0.1	3.7	0.13	0.02	35	0.2	0.02	6.9	1.54	<0.1
1098789	Soil	6.2	43.2	0.48	97.1	0.003	2	2.26	0.004	0.12	<0.1	4.2	0.12	0.04	32	0.2	0.02	8.2	3.74	<0.1
1098790	Soil	6.5	19.0	0.71	109.2	0.005	5	0.95	0.004	0.11	<0.1	3.5	0.12	0.05	36	0.4	0.05	2.9	2.38	<0.1
1098791	Soil	4.4	23.1	0.25	194.2	0.005	3	1.22	0.006	0.10	<0.1	1.4	0.14	0.08	31	0.3	0.06	4.0	3.91	<0.1
1098792	Soil	4.5	18.4	0.18	157.2	0.002	2	0.99	0.002	0.09	<0.1	5.0	0.15	0.04	28	0.4	0.04	2.9	2.74	<0.1
1098793	Soil	3.0	18.4	0.18	124.1	0.002	2	1.01	0.003	0.09	<0.1	3.0	0.17	0.04	31	0.3	0.04	3.0	3.57	<0.1
1098794	Soil	2.8	18.8	0.18	119.7	0.002	3	1.06	0.004	0.09	<0.1	3.0	0.13	0.08	47	0.3	0.05	2.8	2.95	<0.1
1098795	Soil	5.3	14.3	0.16	205.8	0.002	5	0.87	0.008	0.08	<0.1	3.0	0.18	0.13	57	0.5	0.06	2.1	3.33	<0.1
1098796	Soil	3.0	17.9	0.25	97.3	0.001	3	1.05	0.003	0.09	<0.1	4.4	0.15	0.03	26	0.2	0.06	3.0	3.38	<0.1
1098797	Soil	3.0	17.1	0.22	88.9	0.001	3	1.01	0.003	0.09	<0.1	4.2	0.13	0.04	18	0.2	0.03	2.8	3.08	<0.1
1098798	Soil	7.4	21.5	0.30	137.7	0.003	4	1.09	0.006	0.09	<0.1	5.2	0.16	0.06	39	0.5	0.06	3.1	2.88	<0.1
1098799	Soil	6.0	23.1	0.34	117.6	0.003	3	1.15	0.004	0.10	<0.1	4.9	0.16	0.03	22	0.5	0.10	3.8	3.00	<0.1
1098800	Soil	5.8	22.0	0.30	111.7	0.002	3	1.04	0.005	0.08	<0.1	4.4	0.11	0.06	32	0.4	0.07	3.1	2.29	<0.1
1098275	Soil	13.6	14.9	1.84	165.7	0.004	10	0.72	0.006	0.26	<0.1	4.8	0.55	0.12	46	0.8	0.03	2.6	2.33	<0.1
1098276	Soil	16.0	16.4	1.27	259.1	0.001	10	0.83	0.005	0.13	<0.1	3.5	0.54	0.13	68	0.7	0.04	2.5	1.10	<0.1
1098277	Soil	21.0	22.6	0.26	186.2	0.002	11	1.22	0.004	0.27	<0.1	3.8	0.20	0.07	28	0.4	<0.02	3.4	0.97	<0.1
1098278	Soil	5.9	23.0	0.24	87.2	0.004	6	1.57	0.002	0.17	<0.1	1.0	0.15	0.11	58	0.6	0.10	4.9	3.20	<0.1
1098279	Soil	7.9	18.0	0.23	116.4	0.003	5	1.10	0.004	0.18	<0.1	2.5	0.13	0.08	32	0.7	0.14	3.3	3.81	<0.1
1098280	Soil	19.5	20.8	0.35	150.1	0.007	5	1.03	0.003	0.13	0.1	3.4	0.11	0.03	31	0.3	0.03	3.1	1.81	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppb	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1098777	Soil	0.25	4.7	1.0	<0.05	1.9	14.92	30.4	0.03	1	0.7	7.1	<10
1098778	Soil	0.04	2.3	1.0	<0.05	1.3	11.79	12.1	<0.02	1	0.3	2.2	<10
1098779	Soil	0.10	5.3	1.1	<0.05	0.6	11.82	18.7	0.02	<1	0.4	3.5	<10
1098780	Soil	0.46	9.4	2.5	<0.05	1.9	14.12	27.0	0.03	<1	0.9	13.4	<10
1098781	Soil	0.40	6.9	0.9	<0.05	2.1	13.04	29.9	0.04	<1	0.7	11.0	<10
1098782	Soil	0.12	4.8	3.2	<0.05	1.3	9.37	19.0	<0.02	1	0.6	5.1	<10
1098783	Soil	0.31	8.1	0.8	<0.05	1.5	14.74	42.3	0.05	<1	1.4	7.3	<10
1098784	Soil	0.22	7.9	4.8	<0.05	1.7	13.92	32.7	0.04	<1	1.3	16.0	<10
1098785	Soil	0.48	15.2	1.1	<0.05	2.3	10.98	17.5	0.03	2	1.0	22.4	<10
1098786	Soil	0.35	12.8	5.8	<0.05	1.4	4.61	19.9	0.03	<1	1.1	37.2	<10
1098787	Soil	0.39	10.7	1.3	<0.05	1.5	8.69	14.3	<0.02	3	0.6	14.7	<10
1098788	Soil	0.37	18.9	9.2	<0.05	1.2	6.87	16.9	0.04	<1	0.9	28.2	<10
1098789	Soil	0.37	16.2	1.6	<0.05	3.3	6.41	20.4	0.04	<1	1.5	41.8	<10
1098790	Soil	0.20	12.0	10.6	<0.05	2.0	10.46	15.6	0.04	1	0.9	27.9	<10
1098791	Soil	0.21	13.3	1.5	<0.05	0.5	6.55	10.7	0.03	1	1.1	28.5	<10
1098792	Soil	0.08	9.0	5.9	<0.05	2.4	15.00	17.2	0.05	<1	1.1	24.3	<10
1098793	Soil	0.11	11.2	2.1	<0.05	1.2	5.62	8.2	0.04	<1	0.9	26.0	<10
1098794	Soil	0.15	10.8	6.0	<0.05	1.3	7.43	9.3	0.04	<1	1.1	23.9	<10
1098795	Soil	0.15	9.3	1.0	<0.05	2.4	14.66	14.3	0.03	<1	1.0	17.4	<10
1098796	Soil	0.08	10.3	1.8	<0.05	1.2	8.96	9.9	0.05	<1	0.9	35.5	<10
1098797	Soil	0.09	9.6	0.9	<0.05	1.4	8.54	9.6	0.06	<1	1.0	30.3	<10
1098798	Soil	0.16	8.6	10.4	<0.05	3.3	17.59	21.5	0.05	1	1.2	32.1	<10
1098799	Soil	0.09	9.9	1.5	<0.05	2.4	11.40	16.9	0.05	<1	0.9	35.6	<10
1098800	Soil	0.16	7.9	10.5	<0.05	3.5	14.23	18.2	0.04	<1	1.0	33.1	<10
1098275	Soil	0.11	15.7	0.9	<0.05	4.3	16.15	32.8	0.02	<1	0.7	9.4	<10
1098276	Soil	0.26	8.9	4.7	<0.05	3.4	18.28	27.3	0.04	<1	0.9	10.4	<10
1098277	Soil	0.51	15.0	1.0	<0.05	5.7	16.31	45.5	0.05	<1	1.3	11.2	<10
1098278	Soil	0.38	18.9	1.9	<0.05	1.2	4.26	17.8	0.04	<1	1.1	11.9	<10
1098279	Soil	0.18	16.9	1.0	<0.05	1.2	9.31	22.3	0.04	<1	1.2	15.9	<10
1098280	Soil	0.23	12.6	1.3	<0.05	1.6	15.17	39.5	0.03	1	0.8	14.4	<10



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1098281	Soil	1.73	17.25	28.50	70.0	110	21.2	8.0	198	2.82	7.6	0.7	0.3	0.5	15.4	0.19	0.55	0.30	18	0.15
1098282	Soil	1.52	21.48	28.73	44.9	202	25.8	9.6	261	2.29	4.7	0.8	2.0	3.5	11.2	0.12	0.47	0.25	13	0.42
1098283	Soil	0.56	14.81	11.15	37.5	117	12.3	6.5	303	1.56	3.2	1.8	1.3	1.0	37.6	0.13	0.28	0.20	15	1.36
1098284	Soil	1.21	21.56	34.79	48.5	146	23.0	9.0	515	1.69	4.0	1.3	2.8	1.1	31.5	0.16	0.33	0.22	14	1.59
1098285	Soil	0.82	16.25	15.32	67.9	14	35.7	17.0	185	3.42	0.4	1.4	5.1	6.0	4.8	0.01	0.60	0.47	18	0.05
1098286	Soil	0.27	0.52	14.90	43.1	39	1.5	0.7	717	0.17	5.1	0.4	0.8	0.1	66.8	0.14	0.11	<0.02	<2	16.90
1098287	Soil	0.27	1.67	39.76	152.1	96	3.3	1.6	1002	0.39	17.7	1.5	3.9	<0.1	60.6	1.60	0.27	0.07	2	15.91
1098288	Soil	1.63	20.03	99.21	310.4	202	15.7	9.3	450	1.27	28.2	1.1	2.9	1.6	61.9	0.64	1.52	0.40	15	2.97
1098289	Soil	0.66	27.84	40.72	75.1	172	25.4	12.0	445	2.49	14.8	0.6	0.7	1.7	15.5	0.14	0.79	0.31	12	1.20
1098290	Soil	0.77	30.64	42.61	96.3	114	20.8	13.4	703	3.22	14.2	0.6	0.7	2.9	24.0	0.08	0.51	0.36	23	0.04
1098291	Soil	1.09	15.91	15.95	81.2	35	8.9	9.6	850	2.22	9.2	0.4	0.8	1.1	5.5	0.05	0.59	0.38	32	0.04
1098292	Soil	1.19	18.22	28.82	205.4	130	15.0	6.7	596	2.00	13.9	6.8	1.4	0.4	77.3	0.89	1.56	0.17	19	2.09
1098293	Soil	0.41	28.89	11.21	81.7	70	27.4	10.9	274	2.52	8.4	1.6	1.8	4.1	41.2	0.29	0.62	0.19	26	1.68
1098294	Soil	0.71	26.98	14.38	81.0	85	24.4	9.8	252	2.08	10.4	2.1	2.6	3.7	86.0	0.22	0.43	0.16	32	3.02
1098295	Soil	0.48	25.82	9.86	85.1	63	26.2	9.9	285	2.41	5.4	1.5	2.8	2.8	36.0	0.14	0.47	0.18	19	0.74
1098296	Soil	0.61	21.26	37.18	92.2	62	27.7	10.1	246	2.30	4.4	0.9	2.4	5.7	13.6	0.12	0.28	0.22	20	0.48
1098297	Soil	0.32	30.53	20.15	87.2	60	34.1	10.5	262	2.39	3.9	2.5	0.5	2.3	37.5	0.17	0.26	0.29	15	1.14
1098298	Soil	0.45	41.41	26.56	111.2	85	40.6	10.9	201	2.86	4.0	2.2	2.5	3.1	37.8	0.18	0.26	0.27	16	1.31
1098299	Soil	0.30	31.55	21.27	99.1	79	34.9	10.6	269	2.70	3.7	2.9	2.4	3.5	34.5	0.17	0.30	0.29	16	0.90
1098300	Soil	1.06	31.36	65.02	294.2	219	36.0	19.3	715	3.93	16.1	0.8	0.9	2.8	16.6	0.52	3.36	0.54	17	0.11



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.02
1098281	Soil	7.8	19.6	0.17	121.1	0.003	4	0.88	0.004	0.11	<0.1	0.8	0.12	0.07	25	0.3	0.03	2.6	2.02	<0.1
1098282	Soil	15.3	17.7	0.33	91.1	0.003	5	0.84	0.002	0.11	<0.1	3.9	0.09	0.03	36	0.4	<0.02	1.9	1.46	<0.1
1098283	Soil	14.7	13.7	0.22	149.3	0.005	6	0.80	0.003	0.12	<0.1	1.5	0.10	0.12	45	0.5	<0.02	2.5	1.52	<0.1
1098284	Soil	23.8	22.1	0.39	110.6	0.006	9	0.82	0.004	0.15	<0.1	2.2	0.13	0.11	398	0.9	<0.02	2.3	2.18	<0.1
1098285	Soil	2.4	21.6	0.33	189.9	0.009	3	1.06	0.002	0.15	<0.1	2.5	0.10	<0.02	11	<0.1	<0.02	3.3	2.93	<0.1
1098286	Soil	1.5	2.9	8.14	23.2	<0.001	1	0.05	0.008	<0.01	<0.1	0.2	0.27	<0.02	270	<0.1	<0.02	0.2	0.08	<0.1
1098287	Soil	2.9	3.4	8.92	39.1	0.004	<1	0.20	0.007	0.01	<0.1	0.2	0.53	<0.02	>50000	1.0	<0.02	0.8	0.17	0.2
1098288	Soil	4.5	12.4	1.76	283.3	0.001	2	0.60	0.003	0.11	<0.1	1.5	0.70	0.11	2408	0.2	0.07	2.2	0.43	<0.1
1098289	Soil	1.9	8.9	0.37	75.0	0.002	3	0.44	0.003	0.08	<0.1	2.7	0.45	0.06	1864	0.3	<0.02	1.3	4.84	<0.1
1098290	Soil	5.1	17.1	0.24	55.9	0.002	4	1.13	<0.001	0.14	<0.1	1.9	0.17	0.04	91	0.2	0.03	3.8	3.18	<0.1
1098291	Soil	8.2	12.5	0.08	46.2	0.011	2	0.61	0.001	0.11	<0.1	1.2	0.12	<0.02	101	0.2	0.04	4.6	9.49	<0.1
1098292	Soil	12.7	12.3	0.17	1231	0.004	3	0.66	0.005	0.05	<0.1	1.0	0.24	0.12	376	0.8	0.02	1.9	0.62	<0.1
1098293	Soil	25.8	33.8	1.17	42.7	0.004	3	1.22	0.002	0.13	<0.1	5.0	0.13	0.04	73	0.6	0.02	4.1	1.83	<0.1
1098294	Soil	20.3	46.9	2.13	75.7	0.006	2	1.89	<0.001	0.07	<0.1	4.1	0.14	0.03	84	0.9	<0.02	5.9	3.11	<0.1
1098295	Soil	23.8	30.2	0.54	381.2	0.003	4	0.82	0.003	0.09	<0.1	4.5	0.16	0.05	61	1.5	0.05	2.5	2.39	<0.1
1098296	Soil	27.2	42.9	2.08	83.5	0.003	3	1.75	<0.001	0.09	<0.1	4.9	0.06	0.03	42	1.0	<0.02	5.1	1.74	<0.1
1098297	Soil	20.8	30.7	0.99	95.9	0.004	4	1.50	0.002	0.06	<0.1	4.3	0.06	0.07	44	0.6	<0.02	4.3	1.88	<0.1
1098298	Soil	13.8	39.1	1.21	94.3	0.003	3	1.75	0.002	0.06	<0.1	4.6	0.06	0.05	45	0.3	<0.02	5.1	3.15	<0.1
1098299	Soil	12.2	33.1	1.01	80.4	0.003	3	1.57	<0.001	0.06	<0.1	4.1	0.06	0.04	43	0.3	<0.02	4.8	3.50	<0.1
1098300	Soil	10.1	14.6	0.10	107.5	0.003	2	0.64	0.003	0.13	<0.1	2.9	0.20	0.04	53	0.2	<0.02	2.3	15.07	<0.1



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1098281	Soil	0.13	11.2	0.9	<0.05	0.4	5.83	20.8	0.02	<1	0.8	12.5	<10
1098282	Soil	0.17	9.4	3.0	<0.05	3.4	13.65	30.3	0.02	<1	0.7	11.5	<10
1098283	Soil	0.35	11.9	0.8	<0.05	1.5	12.44	28.7	0.02	<1	0.5	8.1	<10
1098284	Soil	0.23	13.0	15.5	<0.05	1.4	17.99	43.2	<0.02	<1	0.9	10.8	<10
1098285	Soil	0.12	13.7	1.1	<0.05	1.9	8.44	7.1	<0.02	<1	1.9	21.5	<10
1098286	Soil	0.03	0.6	7.1	<0.05	0.3	1.89	2.2	<0.02	<1	0.1	0.5	<10
1098287	Soil	0.04	1.4	0.9	<0.05	<0.1	3.20	3.7	<0.02	<1	<0.1	1.1	<10
1098288	Soil	0.07	5.1	4.1	<0.05	2.0	4.23	9.5	0.03	<1	0.5	2.2	<10
1098289	Soil	0.15	8.3	2.1	<0.05	1.9	2.85	5.1	0.03	<1	0.6	1.5	<10
1098290	Soil	0.11	14.5	2.0	<0.05	0.9	3.08	12.1	0.03	<1	0.8	14.0	<10
1098291	Soil	0.28	20.1	1.6	<0.05	0.2	1.88	17.1	<0.02	<1	0.2	2.6	<10
1098292	Soil	0.25	5.6	1.1	<0.05	0.9	8.95	25.8	0.03	<1	0.5	5.5	<10
1098293	Soil	0.20	10.9	0.6	<0.05	4.0	13.61	45.6	0.03	<1	0.8	20.8	<10
1098294	Soil	0.28	8.4	3.1	<0.05	4.4	11.60	40.2	<0.02	<1	0.9	44.3	<10
1098295	Soil	0.14	9.5	0.7	<0.05	3.0	16.87	44.4	0.02	<1	0.8	13.3	<10
1098296	Soil	0.17	7.6	1.3	<0.05	4.1	12.12	50.9	0.02	<1	0.9	41.0	<10
1098297	Soil	0.20	6.1	0.4	<0.05	3.0	19.69	32.1	0.03	<1	1.2	31.0	<10
1098298	Soil	0.23	5.8	5.4	<0.05	4.7	16.82	22.8	0.04	<1	0.9	46.7	<10
1098299	Soil	0.22	6.2	0.8	<0.05	4.4	13.36	24.0	0.02	<1	0.9	43.0	<10
1098300	Soil	0.09	14.0	7.1	<0.05	0.7	8.92	25.5	0.05	<1	0.6	4.1	<10



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Part 1

QUALITY CONTROL REPORT

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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
Pulp Duplicates																				
1098619	Soil	4.73	67.99	31.60	132.5	4512	35.2	13.2	277	2.18	23.7	10.8	48.1	5.4	152.7	1.44	1.14	0.29	33	3.60
REP 1098619	QC	4.57	68.48	32.02	131.1	4473	34.6	13.0	276	2.18	22.8	10.6	45.9	5.2	152.6	1.36	1.13	0.28	32	3.69
1098640	Soil	0.46	16.51	19.45	66.4	259	19.8	5.2	264	2.12	8.9	1.1	0.6	2.1	50.1	0.23	0.62	0.20	19	1.34
REP 1098640	QC	0.50	17.49	20.16	70.7	272	19.9	5.5	266	2.18	9.1	1.2	1.6	1.9	53.7	0.27	0.64	0.21	19	1.42
1098667	Soil	0.83	20.17	18.09	58.0	150	18.5	8.3	439	2.28	5.8	2.5	0.4	1.4	67.6	0.32	0.39	0.16	25	1.25
REP 1098667	QC	0.85	21.19	18.67	59.6	160	18.3	8.6	455	2.33	5.8	2.6	0.4	1.4	70.2	0.31	0.42	0.16	26	1.28
1098673	Soil	0.36	22.40	50.50	35.5	267	18.0	7.1	3227	4.26	43.4	2.2	<0.2	0.9	29.1	0.25	4.14	0.24	17	10.96
REP 1098673	QC	0.36	22.74	52.09	36.4	280	18.9	7.3	3412	4.38	44.3	2.3	<0.2	1.0	29.8	0.26	4.32	0.25	17	11.77
1098829	Soil	0.46	29.38	21.95	48.0	27	16.9	30.8	2216	2.60	12.8	0.5	<0.2	2.9	9.5	0.12	0.41	0.38	21	0.25
REP 1098829	QC	0.49	29.88	21.74	46.5	25	16.7	30.9	2148	2.58	12.4	0.5	<0.2	2.7	9.6	0.12	0.40	0.38	21	0.24
1098268	Soil	1.02	41.55	34.63	120.2	285	41.7	14.3	291	3.76	12.5	1.4	<0.2	5.3	109.7	0.16	0.55	0.37	19	1.78
REP 1098268	QC	1.10	45.31	38.02	127.7	312	45.5	15.0	304	3.95	13.7	1.5	<0.2	5.5	116.9	0.20	0.61	0.41	21	1.94
1098270	Soil	1.04	22.31	26.61	102.5	405	24.1	9.8	455	3.59	9.2	1.0	2.4	0.4	8.7	0.33	0.68	0.31	37	0.07
REP 1098270	QC	1.06	22.77	26.74	103.4	370	23.4	10.0	463	3.62	9.6	0.9	1.1	0.4	8.2	0.31	0.67	0.31	36	0.07
1098751	Soil	0.12	3.15	7.52	71.8	40	4.5	1.6	711	1.14	18.9	1.2	1.2	0.2	55.5	0.12	0.77	0.03	3	18.30
REP 1098751	QC	0.13	3.22	7.61	76.0	47	4.5	1.6	731	1.14	19.3	1.3	1.3	0.2	54.1	0.14	0.80	0.02	3	17.79
1098410	Soil	0.40	1.68	3.68	15.4	23	5.6	1.4	226	0.28	7.9	1.1	0.9	0.1	59.6	0.10	0.45	<0.02	18	16.18
REP 1098410	QC	0.36	1.70	3.35	14.2	16	5.0	1.4	207	0.26	8.1	0.9	0.5	0.1	53.0	0.11	0.40	<0.02	16	14.58
1098426	Soil	0.40	25.12	19.39	73.0	114	17.4	7.6	341	2.07	4.1	2.1	3.7	1.3	48.8	0.29	0.29	0.18	22	1.74
REP 1098426	QC	0.45	25.90	19.78	71.1	123	19.0	8.0	349	2.15	4.1	2.2	3.1	1.4	51.0	0.31	0.30	0.20	23	1.80
1098690	Soil	0.63	42.42	13.97	91.3	56	28.7	10.2	209	2.50	3.6	1.5	1.9	3.6	37.0	0.13	0.31	0.23	18	1.29
REP 1098690	QC	0.70	45.25	14.64	99.7	69	30.5	10.7	213	2.70	4.8	1.7	2.0	4.3	40.3	0.16	0.37	0.26	19	1.32
1098845	Soil	2.98	17.29	19.26	58.5	251	19.2	9.5	264	2.17	34.8	2.9	1.3	1.5	80.3	0.16	0.69	0.12	27	7.86
REP 1098845	QC	2.93	17.06	18.60	57.9	233	18.2	9.1	250	2.10	34.1	2.8	1.5	1.4	78.6	0.18	0.65	0.11	27	7.76
1098870	Soil	0.54	33.91	15.95	84.6	41	29.7	11.0	280	2.73	3.7	1.0	0.9	4.4	41.7	0.22	0.29	0.25	28	0.94
REP 1098870	QC	0.52	35.68	16.20	83.9	46	30.5	11.3	286	2.74	4.5	1.0	2.2	4.2	40.6	0.20	0.30	0.25	28	0.95
1098766	Soil	1.04	24.40	38.21	82.6	247	25.0	13.1	610	3.98	12.7	0.8	2.6	0.5	10.5	0.18	0.65	0.36	28	0.09
REP 1098766	QC	1.13	24.79	37.53	83.7	261	25.7	13.2	624	4.04	12.9	0.8	0.9	0.5	10.7	0.18	0.65	0.35	28	0.10



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Part 2

QUALITY CONTROL REPORT

WHI11001191.2

Method Analyte Unit MDL	1F15 La ppm 0.5	1F15 Cr ppm 0.5	1F15 Mg % 0.01	1F15 Ba ppm 0.5	1F15 Ti % 0.001	1F15 B ppm 1	1F15 Al % 0.01	1F15 Na % 0.001	1F15 K % 0.01	1F15 W ppm 0.1	1F15 Sc ppm 0.1	1F15 Ti ppm 0.02	1F15 S % 0.02	1F15 Hg ppb 5	1F15 Se ppm 0.1	1F15 Te ppm 0.02	1F15 Ga ppm 0.1	1F15 Cs ppm 0.02	1F15 Ge ppm 0.1	1F15 Hf ppm 0.02
Pulp Duplicates																				
1098619 Soil	16.2	16.4	1.24	122.4	0.002	9	0.68	0.005	0.17	<0.1	4.0	0.33	0.04	804	2.6	0.07	1.8	0.56	<0.1	0.11
REP 1098619 QC	16.2	16.3	1.19	118.8	0.002	9	0.67	0.005	0.17	<0.1	4.2	0.32	0.04	774	2.5	0.04	1.7	0.55	<0.1	0.13
1098640 Soil	17.8	16.0	0.11	83.0	0.002	5	0.84	0.003	0.07	<0.1	2.6	0.12	0.05	81	0.4	<0.02	2.0	0.32	<0.1	0.10
REP 1098640 QC	18.9	16.5	0.12	88.9	0.003	6	0.87	0.003	0.08	<0.1	2.5	0.13	0.06	90	0.6	0.05	2.3	0.36	<0.1	0.09
1098667 Soil	10.5	18.9	0.19	241.6	0.003	2	0.82	0.003	0.07	<0.1	2.7	0.10	0.04	187	0.7	<0.02	2.6	0.41	<0.1	0.03
REP 1098667 QC	11.2	19.8	0.20	251.5	0.004	2	0.85	0.003	0.07	<0.1	2.8	0.11	0.04	183	0.6	<0.02	2.7	0.45	<0.1	0.03
1098673 Soil	11.5	12.6	6.05	97.7	0.002	5	0.94	0.009	0.05	<0.1	1.9	0.21	0.04	446	0.5	0.25	2.0	0.39	<0.1	0.05
REP 1098673 QC	11.7	13.5	6.29	98.7	0.002	5	0.97	0.009	0.06	<0.1	2.1	0.23	0.03	441	0.5	0.29	2.1	0.44	<0.1	0.06
1098829 Soil	3.9	15.5	0.18	304.6	0.004	2	1.13	0.002	0.23	0.1	3.0	0.13	0.03	42	0.2	0.05	3.3	2.13	<0.1	<0.02
REP 1098829 QC	3.6	14.9	0.18	291.9	0.004	2	1.10	0.002	0.23	0.1	3.0	0.13	0.03	55	0.1	0.06	3.3	2.03	<0.1	<0.02
1098268 Soil	7.6	19.2	0.38	80.9	0.001	<1	1.10	0.006	0.09	<0.1	5.1	0.15	0.02	60	0.8	0.05	3.0	0.58	<0.1	0.12
REP 1098268 QC	8.5	20.6	0.41	87.8	0.002	2	1.20	0.007	0.10	<0.1	5.4	0.17	0.02	63	0.8	0.10	3.3	0.77	<0.1	0.09
1098270 Soil	7.1	25.5	0.35	95.3	0.005	3	1.60	0.003	0.09	<0.1	0.9	0.11	0.06	31	0.4	0.05	4.3	1.65	<0.1	<0.02
REP 1098270 QC	7.1	25.6	0.34	94.2	0.005	2	1.61	0.003	0.09	0.1	0.8	0.12	0.06	38	0.3	0.04	4.2	1.62	<0.1	<0.02
1098751 Soil	2.2	2.7	8.58	25.9	0.001	3	0.16	0.007	0.01	<0.1	0.3	0.12	<0.02	157	0.5	<0.02	0.5	0.07	<0.1	0.03
REP 1098751 QC	2.2	2.9	8.51	27.4	0.001	4	0.18	0.007	0.02	<0.1	0.3	0.12	<0.02	173	0.6	<0.02	0.5	0.08	<0.1	<0.02
1098410 Soil	3.6	5.3	9.24	16.1	0.004	2	0.18	0.009	0.01	<0.1	0.4	0.13	<0.02	11	0.3	<0.02	0.3	0.18	<0.1	<0.02
REP 1098410 QC	3.2	4.5	8.30	14.7	0.003	2	0.17	0.008	0.01	<0.1	0.4	0.11	<0.02	13	0.3	<0.02	0.3	0.16	<0.1	<0.02
1098426 Soil	11.6	29.6	1.19	861.6	0.005	6	1.43	0.007	0.08	<0.1	3.4	0.10	0.10	109	0.9	0.03	3.6	1.74	<0.1	0.10
REP 1098426 QC	12.3	28.9	1.23	894.6	0.004	4	1.51	0.009	0.09	<0.1	3.8	0.10	0.10	90	0.8	0.05	3.7	1.80	<0.1	0.10
1098690 Soil	19.1	31.6	0.88	331.9	0.004	5	1.02	0.003	0.10	<0.1	6.3	0.14	0.05	32	0.5	0.02	3.1	3.17	<0.1	0.14
REP 1098690 QC	24.2	34.7	0.92	355.7	0.007	6	1.12	0.003	0.13	<0.1	6.9	0.17	0.05	35	0.6	<0.02	3.4	5.34	<0.1	0.14
1098845 Soil	9.4	12.6	3.68	91.7	0.002	8	0.49	0.005	0.11	<0.1	3.5	0.50	0.05	82	0.5	0.05	1.5	2.74	<0.1	0.06
REP 1098845 QC	9.1	12.3	3.62	90.0	0.002	8	0.47	0.006	0.11	<0.1	3.6	0.47	0.06	111	0.5	<0.02	1.5	2.60	<0.1	0.06
1098870 Soil	24.0	43.2	1.60	441.0	0.007	5	1.98	0.005	0.13	<0.1	6.1	0.14	0.04	27	0.4	<0.02	5.7	1.23	<0.1	0.14
REP 1098870 QC	24.5	43.8	1.61	468.7	0.006	4	1.97	0.005	0.12	<0.1	5.7	0.12	0.04	22	0.5	0.02	5.6	1.08	<0.1	0.14
1098766 Soil	6.2	24.4	0.25	103.6	0.009	2	1.41	0.008	0.08	<0.1	1.2	0.12	0.06	30	0.6	0.04	3.4	2.30	<0.1	<0.02
REP 1098766 QC	6.3	24.8	0.25	103.7	0.009	2	1.40	0.008	0.08	<0.1	1.1	0.12	0.06	30	0.5	0.08	3.6	2.35	<0.1	0.02



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Part 3

QUALITY CONTROL REPORT

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	Method Analyte	Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
			Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
			ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10	ppb 2
Pulp Duplicates															
1098619	Soil		0.09	8.5	2.0	<0.05	3.9	16.72	40.3	0.03	<1	1.4	7.7	<10	<2
REP 1098619	QC		0.10	8.2	1.7	<0.05	4.2	16.52	40.1	0.05	<1	1.2	8.1	<10	<2
1098640	Soil		0.18	5.7	1.3	<0.05	3.3	14.99	38.9	0.03	<1	0.7	6.5	<10	<2
REP 1098640	QC		0.23	6.1	1.2	<0.05	3.2	16.27	41.5	0.03	<1	0.9	6.0	<10	<2
1098667	Soil		0.35	8.1	3.1	<0.05	1.4	7.13	25.1	0.03	<1	0.8	8.5	<10	<2
REP 1098667	QC		0.34	8.9	3.0	<0.05	1.2	7.31	27.0	0.02	<1	0.8	9.7	<10	<2
1098673	Soil		0.09	5.9	1.3	<0.05	1.7	16.06	19.6	0.02	<1	0.7	4.4	<10	<2
REP 1098673	QC		0.09	6.4	1.5	<0.05	1.5	16.44	20.4	<0.02	<1	0.7	4.5	<10	<2
1098829	Soil		0.43	16.1	0.8	<0.05	0.4	2.54	13.3	0.03	<1	1.2	6.7	<10	<2
REP 1098829	QC		0.39	15.9	0.8	<0.05	0.4	2.49	12.4	0.04	<1	1.2	6.6	<10	<2
1098268	Soil		0.22	4.7	3.7	<0.05	4.4	15.62	17.8	0.06	<1	1.0	23.8	<10	<2
REP 1098268	QC		0.25	6.0	4.1	<0.05	4.1	16.40	19.3	0.05	<1	0.9	27.8	<10	<2
1098270	Soil		0.34	10.2	1.1	<0.05	0.5	4.61	19.9	0.04	1	0.7	24.4	<10	<2
REP 1098270	QC		0.36	10.3	1.1	<0.05	0.3	4.61	19.6	0.04	2	0.8	23.6	<10	<2
1098751	Soil		0.03	0.6	0.5	<0.05	1.0	5.58	4.8	<0.02	1	0.3	1.1	<10	<2
REP 1098751	QC		0.04	0.8	0.5	<0.05	0.9	5.75	5.3	<0.02	<1	0.4	1.3	<10	<2
1098410	Soil		0.04	1.3	1.1	<0.05	0.5	5.98	4.8	<0.02	<1	0.1	1.5	<10	<2
REP 1098410	QC		0.04	1.2	0.8	<0.05	0.5	5.34	4.3	<0.02	<1	0.1	1.2	<10	<2
1098426	Soil		0.34	7.6	2.6	<0.05	3.8	15.40	22.1	0.02	<1	1.1	27.0	<10	<2
REP 1098426	QC		0.35	7.8	2.9	<0.05	3.7	15.78	23.4	<0.02	<1	1.1	26.0	12	<2
1098690	Soil		0.34	9.4	1.2	<0.05	5.2	20.66	37.3	<0.02	<1	1.0	18.7	13	2
REP 1098690	QC		0.32	13.0	1.3	<0.05	4.9	21.97	47.1	0.03	<1	0.9	20.4	<10	<2
1098845	Soil		0.22	8.7	0.3	<0.05	2.1	11.85	21.0	<0.02	<1	0.5	4.6	<10	<2
REP 1098845	QC		0.22	8.2	0.3	<0.05	2.0	11.51	20.2	0.03	<1	0.5	4.4	<10	<2
1098870	Soil		0.38	15.2	0.8	<0.05	4.6	17.72	47.4	0.03	1	1.1	37.1	<10	<2
REP 1098870	QC		0.38	13.4	0.8	<0.05	4.5	17.17	48.1	0.03	<1	0.9	37.8	<10	<2
1098766	Soil		0.31	9.7	2.7	<0.05	0.6	3.96	16.3	0.04	<1	0.7	23.3	<10	<2
REP 1098766	QC		0.32	9.9	2.6	<0.05	0.5	3.96	16.5	0.03	<1	0.8	24.0	<10	<2



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Part 1

QUALITY CONTROL REPORT

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		1F15 Mo ppm 0.01	1F15 Cu ppm 0.01	1F15 Pb ppm 0.01	1F15 Zn ppm 0.1	1F15 Ag ppb 2	1F15 Ni ppm 0.1	1F15 Co ppm 0.1	1F15 Mn ppm 1	1F15 Fe % 0.01	1F15 As ppm 0.1	1F15 U ppm 0.1	1F15 Au ppb 0.2	1F15 Th ppm 0.1	1F15 Sr ppm 0.5	1F15 Cd ppm 0.01	1F15 Sb ppm 0.02	1F15 Bi ppm 0.02	1F15 V ppm 2	1F15 Ca % 0.01	1F15 P % 0.001
1098774	Soil	1.08	24.48	28.90	116.3	44	30.3	13.7	654	3.91	12.1	0.8	2.7	3.1	39.1	0.21	0.90	0.41	37	0.28	0.063
REP 1098774	QC	1.09	24.00	28.80	114.6	44	30.1	13.6	650	3.88	12.0	0.8	1.9	3.1	39.8	0.20	0.87	0.41	37	0.29	0.061
1098279	Soil	0.90	24.28	31.56	86.3	149	25.9	19.8	461	3.09	6.4	0.8	<0.2	1.3	17.4	0.10	0.43	0.33	17	0.19	0.092
REP 1098279	QC	0.90	25.16	31.85	90.4	151	27.1	20.9	459	3.15	7.1	0.8	<0.2	1.5	17.8	0.08	0.45	0.33	18	0.18	0.095
1098285	Soil	0.82	16.25	15.32	67.9	14	35.7	17.0	185	3.42	0.4	1.4	5.1	6.0	4.8	0.01	0.60	0.47	18	0.05	0.013
REP 1098285	QC	0.81	17.06	16.32	71.4	14	37.3	18.3	199	3.63	0.4	1.5	5.2	6.2	5.5	0.02	0.61	0.48	20	0.12	0.014
Reference Materials																					
STD DS8	Standard	13.05	113.2	121.2	301.2	1695	39.9	7.7	588	2.44	25.4	2.7	106.4	6.6	60.4	2.22	5.37	6.44	40	0.69	0.076
STD DS8	Standard	12.79	105.4	115.9	287.8	1671	37.1	7.3	561	2.22	23.6	2.6	113.3	6.7	59.5	2.17	5.11	6.12	38	0.67	0.069
STD DS8	Standard	13.45	108.3	120.5	295.8	1683	39.0	7.9	595	2.43	23.5	2.7	107.8	6.9	56.4	2.00	5.05	5.78	40	0.68	0.071
STD DS8	Standard	12.47	105.4	116.7	299.1	1665	38.1	7.5	588	2.50	25.3	2.5	108.3	6.2	59.5	2.00	5.03	6.29	40	0.69	0.084
STD DS8	Standard	13.49	108.3	125.8	315.9	1841	38.2	7.3	591	2.40	26.1	2.6	121.9	6.7	60.7	2.26	4.77	6.84	39	0.69	0.080
STD DS8	Standard	13.36	105.9	120.6	303.7	1727	36.3	7.7	590	2.38	22.8	2.7	109.3	6.7	64.1	2.16	4.11	6.32	40	0.71	0.071
STD DS8	Standard	13.00	105.9	126.6	321.7	1920	38.0	7.1	623	2.44	28.5	2.5	112.4	6.5	64.9	2.18	5.59	6.24	41	0.72	0.080
STD DS8	Standard	12.80	109.0	125.5	304.9	1841	38.7	7.2	595	2.37	25.8	2.9	115.3	7.0	57.8	2.29	5.31	6.12	40	0.72	0.074
STD DS8	Standard	12.95	109.3	128.7	308.3	1902	37.8	8.1	598	2.46	26.0	2.7	116.1	6.8	59.4	2.20	5.26	6.20	39	0.69	0.077
STD DS8	Standard	12.61	108.9	126.8	324.2	1762	36.7	7.3	592	2.54	29.4	2.7	114.1	6.4	65.0	2.41	5.78	6.44	41	0.69	0.083
STD DS8	Standard	12.38	108.1	123.6	311.4	1785	35.5	7.4	587	2.42	26.2	2.7	112.9	6.2	58.4	2.35	5.35	6.79	39	0.68	0.078
STD DS8	Standard	11.87	111.0	125.6	315.4	1824	37.6	7.4	587	2.43	26.7	2.6	113.4	5.9	58.7	2.34	5.32	6.42	40	0.66	0.076
STD DS8 Expected		13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001



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Part 2

QUALITY CONTROL REPORT

WHI11001191.2

		1F15 La ppm 0.5	1F15 Cr ppm 0.5	1F15 Mg % 0.01	1F15 Ba ppm 0.5	1F15 Ti % 0.001	1F15 B ppm 1	1F15 Al % 0.01	1F15 Na % 0.001	1F15 K % 0.01	1F15 W ppm 0.1	1F15 Sc ppm 0.1	1F15 Ti ppm 0.02	1F15 S % 0.02	1F15 Hg ppb 5	1F15 Se ppm 0.1	1F15 Te ppm 0.02	1F15 Ga ppm 0.1	1F15 Cs ppm 0.02	1F15 Ge ppm 0.1	1F15 Hf ppm 0.02
1098774	Soil	9.9	27.2	0.41	150.6	0.011	4	1.50	0.004	0.07	0.1	3.0	0.14	<0.02	29	0.3	0.02	4.7	1.76	<0.1	<0.02
REP 1098774	QC	9.8	26.6	0.40	149.5	0.011	3	1.46	0.004	0.07	0.2	3.1	0.14	<0.02	30	0.3	0.04	4.7	1.78	<0.1	<0.02
1098279	Soil	7.9	18.0	0.23	116.4	0.003	5	1.10	0.004	0.18	<0.1	2.5	0.13	0.08	32	0.7	0.14	3.3	3.81	<0.1	0.04
REP 1098279	QC	8.3	19.2	0.24	123.4	0.005	8	1.14	0.004	0.21	<0.1	2.8	0.15	0.08	23	0.7	0.13	3.4	4.96	<0.1	0.07
1098285	Soil	2.4	21.6	0.33	189.9	0.009	3	1.06	0.002	0.15	<0.1	2.5	0.10	<0.02	11	<0.1	<0.02	3.3	2.93	<0.1	0.05
REP 1098285	QC	2.6	22.2	0.39	200.5	0.010	3	1.14	0.002	0.16	<0.1	2.7	0.10	<0.02	35	0.1	<0.02	3.4	3.08	<0.1	0.03
Reference Materials																					
STD DS8	Standard	14.9	118.0	0.59	272.0	0.117	2	0.91	0.095	0.42	3.0	2.3	5.35	0.16	189	4.9	4.92	4.3	2.44	<0.1	0.07
STD DS8	Standard	15.6	115.2	0.57	257.9	0.114	2	0.89	0.094	0.40	3.0	2.2	5.04	0.15	199	4.7	4.68	4.2	2.28	0.2	0.09
STD DS8	Standard	15.4	118.9	0.59	242.8	0.117	2	0.93	0.100	0.41	3.0	2.4	5.27	0.15	196	4.8	4.98	4.7	2.46	0.1	0.08
STD DS8	Standard	13.2	122.6	0.60	259.3	0.110	2	0.96	0.104	0.43	2.9	2.1	5.19	0.16	200	4.6	4.25	4.3	2.21	<0.1	0.06
STD DS8	Standard	13.7	118.2	0.59	233.9	0.094	2	0.92	0.092	0.42	2.6	2.0	5.69	0.16	184	5.1	5.09	4.7	2.46	<0.1	0.06
STD DS8	Standard	15.9	117.7	0.62	244.8	0.103	3	1.00	0.112	0.44	2.5	2.3	5.26	0.16	192	4.9	4.67	4.6	2.36	<0.1	0.06
STD DS8	Standard	14.2	124.3	0.62	281.9	0.109	2	0.98	0.098	0.43	3.2	2.1	5.64	0.16	210	5.7	5.19	4.8	2.49	0.1	0.08
STD DS8	Standard	14.9	121.0	0.60	272.8	0.115	2	0.96	0.111	0.43	3.5	2.1	5.48	0.15	178	5.1	5.28	4.4	2.43	0.2	0.09
STD DS8	Standard	13.8	125.0	0.60	258.2	0.109	2	0.96	0.110	0.43	3.2	2.4	5.86	0.15	186	5.2	5.26	4.6	2.54	<0.1	0.07
STD DS8	Standard	14.1	118.5	0.61	289.9	0.106	3	0.94	0.097	0.43	2.9	2.1	5.52	0.16	209	5.4	5.09	5.0	2.56	<0.1	0.07
STD DS8	Standard	14.0	116.2	0.60	254.7	0.099	2	0.93	0.099	0.43	3.0	2.1	5.60	0.16	201	5.1	5.05	4.6	2.51	<0.1	0.07
STD DS8	Standard	11.8	120.7	0.61	239.1	0.096	3	0.88	0.087	0.43	3.0	2.0	5.45	0.16	206	5.3	4.86	4.3	2.40	<0.1	0.05
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7	2.48	0.13	0.08
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02



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Project:

Scarlet

Report Date:

December 16, 2011

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Part 3

QUALITY CONTROL REPORT

WHI11001191.2

		1F15 Nb ppm 0.02	1F15 Rb ppm 0.1	1F15 Sn ppm 0.1	1F15 Ta ppm 0.05	1F15 Zr ppm 0.1	1F15 Y ppm 0.01	1F15 Ce ppm 0.1	1F15 In ppm 0.02	1F15 Re ppb 1	1F15 Be ppm 0.1	1F15 Li ppm 0.1	1F15 Pd ppb 10	1F15 Pt ppb 2
1098774	Soil	0.45	11.9	2.6	<0.05	0.4	5.77	23.7	0.04	<1	0.8	31.5	<10	<2
REP 1098774	QC	0.44	11.8	2.5	<0.05	0.4	5.86	25.2	0.04	2	0.8	31.4	<10	<2
1098279	Soil	0.18	16.9	1.0	<0.05	1.2	9.31	22.3	0.04	<1	1.2	15.9	<10	<2
REP 1098279	QC	0.18	19.5	1.2	<0.05	0.9	9.50	22.7	0.04	<1	1.2	15.9	<10	<2
1098285	Soil	0.12	13.7	1.1	<0.05	1.9	8.44	7.1	<0.02	<1	1.9	21.5	<10	<2
REP 1098285	QC	0.13	14.5	1.0	<0.05	1.9	8.86	7.6	0.03	<1	1.7	22.7	<10	3
Reference Materials														
STD DS8	Standard	1.28	36.9	6.6	<0.05	1.8	5.61	26.5	2.10	51	4.4	26.1	125	346
STD DS8	Standard	1.29	34.3	6.1	<0.05	1.9	6.10	27.9	2.06	53	5.7	23.6	119	333
STD DS8	Standard	1.54	37.8	5.8	<0.05	1.7	6.33	28.4	2.14	47	5.0	24.9	116	319
STD DS8	Standard	1.23	34.5	5.9	<0.05	1.6	5.01	24.6	1.77	47	4.9	28.1	119	339
STD DS8	Standard	1.22	39.1	6.6	<0.05	1.5	5.16	24.8	2.20	56	5.0	27.4	107	362
STD DS8	Standard	1.32	36.0	6.2	<0.05	1.3	5.82	29.6	2.04	52	5.0	27.1	112	347
STD DS8	Standard	1.42	39.0	6.5	<0.05	2.0	5.97	27.9	2.15	59	5.2	27.1	115	357
STD DS8	Standard	1.50	37.0	6.4	<0.05	2.2	5.84	28.1	2.20	48	4.2	25.4	110	364
STD DS8	Standard	1.38	39.4	6.1	<0.05	1.7	5.94	26.9	2.20	61	5.1	26.1	122	373
STD DS8	Standard	1.20	39.1	6.9	<0.05	1.6	5.74	25.6	2.24	50	5.2	30.5	110	349
STD DS8	Standard	1.10	39.2	6.4	<0.05	1.2	5.42	24.2	2.31	65	5.0	27.0	105	341
STD DS8	Standard	1.07	37.5	6.6	<0.05	1.4	4.87	20.7	2.16	49	5.4	26.7	113	366
STD DS8 Expected		1.65	39	6.7	0.003	2.3	6.1	29.8	2.19	55	5.2	26.34	110	339
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2



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Part 1

QUALITY CONTROL REPORT

WHI11001191.2

		1F15 Mo ppm 0.01	1F15 Cu ppm 0.01	1F15 Pb ppm 0.01	1F15 Zn ppm 0.1	1F15 Ag ppb 2	1F15 Ni ppm 0.1	1F15 Co ppm 0.1	1F15 Mn ppm 1	1F15 Fe % 0.01	1F15 As ppm 0.1	1F15 U ppm 0.1	1F15 Au ppb 0.2	1F15 Th ppm 0.1	1F15 Sr ppm 0.5	1F15 Cd ppm 0.01	1F15 Sb ppm 0.02	1F15 Bi ppm 0.02	1F15 V ppm 2	1F15 Ca % 0.01	1F15 P % 0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001



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Part 2

QUALITY CONTROL REPORT

WHI11001191.2

		1F15 La ppm 0.5	1F15 Cr ppm 0.5	1F15 Mg % 0.01	1F15 Ba ppm 0.5	1F15 Ti % 0.001	1F15 B ppm 1	1F15 Al % 0.01	1F15 Na % 0.001	1F15 K % 0.01	1F15 W ppm 0.1	1F15 Sc ppm 0.1	1F15 Tl ppm 0.02	1F15 S % 0.02	1F15 Hg ppb 5	1F15 Se ppm 0.1	1F15 Te ppm 0.02	1F15 Ga ppm 0.1	1F15 Cs ppm 0.02	1F15 Ge ppm 0.1	1F15 Hf ppm 0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02



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Part 3

QUALITY CONTROL REPORT

WHI11001191.2

		1F15 Nb ppm 0.02	1F15 Rb ppm 0.1	1F15 Sn ppm 0.1	1F15 Ta ppm 0.05	1F15 Zr ppm 0.1	1F15 Y ppm 0.01	1F15 Ce ppm 0.1	1F15 In ppm 0.02	1F15 Re ppb 1	1F15 Be ppm 0.1	1F15 Li ppm 0.1	1F15 Pd ppb 10	1F15 Pt ppb 2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2



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Submitted By: Roger Hulstein

Receiving Lab: Canada-Whitehorse

Received: August 20, 2011

Report Date: September 25, 2011

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CERTIFICATE OF ANALYSIS

WHI11001192.1

CLIENT JOB INFORMATION

Project: Scarlet
Shipment ID: 2011-22
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

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: Radius Gold Inc.
830 - 355 Burrard St.
Vancouver BC V6C 2G8
Canada

CC: David Clark
database backup
Simon Ridgway
Scott Turton

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	320	Dry at 60C			WHI
1F05	320	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
RJSV	320	Saving all or part of Soil Reject			WHI

ADDITIONAL COMMENTS



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



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Project:

Scarlet

Report Date:

September 25, 2011

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Part 1

CERTIFICATE OF ANALYSIS

WHI11001192.1

	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1098431	Soil	1.31	16.33	10.83	130.7	38	40.7	5.7	294	1.12	22.0	3.6	0.8	0.7	74.9	0.85	0.20	0.08	29	17.63
1098432	Soil	2.31	19.20	15.46	188.0	50	63.0	7.3	380	1.47	29.6	4.5	0.7	2.0	66.2	1.13	1.03	0.15	40	13.74
1098433	Soil	1.69	9.82	8.23	99.6	25	34.7	4.4	207	0.77	25.8	3.0	0.4	1.8	74.6	0.66	0.57	0.08	23	23.21
1098434	Soil	3.53	19.82	19.12	93.3	240	30.8	7.8	362	2.04	30.5	23.7	0.9	0.6	37.7	0.43	0.97	0.14	55	2.62
1098435	Soil	6.28	29.54	27.10	163.8	273	39.5	14.0	169	3.30	29.6	4.8	0.6	3.5	38.4	0.48	1.68	0.18	35	0.85
1098436	Soil	5.75	25.36	33.54	183.5	296	37.9	11.7	350	2.66	35.4	4.4	1.3	2.8	61.3	0.92	1.78	0.15	36	6.71
1098437	Soil	2.99	20.34	21.28	107.1	142	26.5	10.1	286	2.57	21.8	3.7	0.8	0.8	86.4	0.39	0.65	0.15	31	2.57
1098438	Soil	2.63	15.13	15.56	67.0	80	22.1	8.0	226	1.86	19.5	6.4	0.4	1.2	52.9	0.32	0.63	0.09	36	10.67
1098439	Soil	2.00	18.70	18.18	101.1	68	39.4	14.9	347	2.97	6.8	1.0	<0.2	2.5	209.6	0.16	0.27	0.15	16	3.98
1098440	Soil	2.05	14.81	15.73	67.9	65	25.5	9.7	260	2.07	9.0	1.5	0.9	1.8	262.0	0.17	0.37	0.12	21	9.59
1097918	Soil	1.16	30.58	40.91	100.2	58	32.3	16.8	367	3.57	17.7	0.7	0.8	0.9	11.0	0.20	0.73	0.32	27	0.06
1097919	Soil	0.54	33.30	44.60	93.8	86	21.5	14.1	665	3.28	6.3	0.5	0.8	1.3	7.0	0.12	0.29	0.41	20	0.09
1097920	Soil	1.14	26.28	35.21	86.4	232	28.4	13.4	562	3.57	10.4	1.0	1.6	0.7	11.5	0.28	0.76	0.30	32	0.11
1097921	Soil	1.23	23.76	27.50	112.7	176	30.5	13.7	564	3.63	11.3	0.7	2.2	0.4	11.6	0.27	0.76	0.30	37	0.09
1097922	Soil	1.10	15.33	16.75	70.1	108	19.1	6.6	226	2.64	8.3	0.6	3.2	0.3	9.9	0.16	0.62	0.23	40	0.07
1097923	Soil	0.72	34.61	37.92	132.4	179	56.0	22.7	618	4.20	7.7	0.7	0.9	5.8	27.3	0.09	0.34	0.33	17	0.42
1097924	Soil	0.53	22.53	43.64	79.4	169	13.7	4.6	107	5.59	6.2	0.5	0.8	4.6	9.6	0.02	0.25	0.64	13	0.05
1097925	Soil	1.46	78.50	142.6	191.4	406	164.7	215.4	8260	14.72	23.0	5.6	3.4	10.2	25.8	0.36	0.81	0.70	27	0.03
1097926	Soil	0.52	27.79	32.00	130.5	226	36.4	14.3	668	4.22	7.9	0.6	2.0	6.9	37.4	0.16	0.27	0.43	15	0.39
1097927	Soil	0.68	26.86	34.80	138.1	221	35.1	16.4	742	3.65	7.2	1.3	1.8	3.3	53.9	0.24	0.35	0.39	16	0.63
1097928	Soil	0.49	19.94	34.48	79.5	124	26.9	10.1	476	3.75	6.4	0.7	3.8	3.9	22.1	0.09	0.26	0.39	15	0.32
1097929	Soil	0.49	15.53	27.80	69.5	160	21.7	7.2	321	2.23	7.2	0.7	1.4	2.6	35.1	0.14	0.46	0.28	12	0.90
1097930	Soil	0.67	23.48	44.86	140.4	284	25.2	9.0	792	3.20	28.5	1.8	2.9	2.2	61.6	0.30	1.75	0.23	18	5.08
1097931	Soil	0.40	16.19	38.39	103.9	204	16.2	7.9	2634	4.37	85.9	1.4	2.4	1.1	35.4	0.48	3.55	0.15	12	8.86
1097932	Soil	0.96	19.14	78.19	56.5	155	23.0	11.6	1708	4.06	37.9	1.1	2.3	2.5	34.7	0.18	2.72	0.26	20	6.11
1097933	Soil	0.42	13.78	16.34	138.3	72	13.6	7.3	583	2.69	10.1	0.8	0.7	1.3	17.9	0.44	0.22	0.29	21	1.31
1097934	Soil	0.53	22.20	28.38	68.3	89	22.0	10.1	341	3.47	6.5	0.6	0.9	3.3	17.0	0.10	0.23	0.37	26	0.29
1097935	Soil	0.70	27.42	38.56	83.8	129	22.3	12.5	730	4.44	7.9	0.9	1.0	3.2	19.4	0.11	0.33	0.40	31	0.27
1097936	Soil	0.76	18.50	21.34	62.3	126	12.6	6.5	272	3.54	5.4	0.4	0.5	2.1	5.4	0.14	0.35	0.42	41	0.04
1097937	Soil	0.59	23.44	28.41	76.3	97	28.1	15.2	613	3.83	7.8	0.6	2.2	4.7	6.6	0.11	0.80	0.32	29	0.06



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1098431	Soil	12.0	7.6	6.83	86.2	0.003	2	0.49	0.006	0.04	<0.1	1.4	0.45	<0.02	47	0.4	0.02	1.4	0.41	<0.1
1098432	Soil	14.2	10.9	5.41	94.8	0.006	3	0.92	0.006	0.08	<0.1	2.4	0.74	<0.02	86	0.2	0.09	2.0	1.34	<0.1
1098433	Soil	7.9	5.2	6.22	55.8	0.005	1	0.33	0.007	0.05	<0.1	1.5	0.49	<0.02	43	0.1	0.09	0.9	1.16	<0.1
1098434	Soil	11.2	15.4	0.49	292.0	0.004	7	1.03	0.007	0.08	<0.1	1.5	0.48	0.22	125	1.0	<0.02	2.5	0.98	<0.1
1098435	Soil	14.5	16.7	0.31	218.9	0.002	8	0.86	0.003	0.21	<0.1	6.7	0.50	0.09	52	1.0	<0.02	2.6	2.00	<0.1
1098436	Soil	11.5	15.0	3.00	107.6	0.003	9	0.65	0.006	0.19	<0.1	4.2	0.57	0.08	76	1.1	<0.02	2.0	1.88	<0.1
1098437	Soil	16.0	17.0	0.53	190.8	0.003	10	0.97	0.004	0.13	<0.1	2.4	0.27	0.14	57	0.7	<0.02	2.7	0.86	<0.1
1098438	Soil	11.9	13.8	4.78	80.0	0.005	7	0.82	0.008	0.14	<0.1	2.9	0.29	0.03	32	0.4	<0.02	2.1	1.09	<0.1
1098439	Soil	22.8	18.0	0.41	88.1	0.003	11	0.82	0.005	0.27	<0.1	5.5	0.29	0.05	49	0.4	0.05	2.2	2.59	<0.1
1098440	Soil	12.8	14.5	1.94	79.7	0.006	6	0.73	0.007	0.18	<0.1	3.2	0.22	0.03	46	0.3	0.03	1.8	1.48	<0.1
1097918	Soil	6.3	22.5	0.29	93.6	0.009	2	1.46	0.017	0.08	<0.1	2.3	0.11	0.08	30	0.4	0.08	3.3	2.54	<0.1
1097919	Soil	3.0	19.9	0.27	67.2	0.002	3	1.53	0.004	0.10	<0.1	2.1	0.08	0.03	32	0.3	0.05	3.6	2.94	<0.1
1097920	Soil	10.9	26.9	0.35	130.1	0.010	2	1.52	0.003	0.08	0.1	2.1	0.11	0.03	41	0.3	0.06	3.8	1.80	<0.1
1097921	Soil	8.0	25.4	0.31	123.7	0.010	2	1.40	0.005	0.09	0.1	1.3	0.11	0.03	32	0.4	0.06	4.2	1.79	<0.1
1097922	Soil	9.1	22.5	0.28	93.9	0.015	2	1.20	0.004	0.07	0.1	1.2	0.09	<0.02	23	0.3	0.03	4.3	1.72	<0.1
1097923	Soil	7.4	16.4	0.20	157.6	0.003	2	1.08	0.004	0.09	<0.1	6.3	0.13	<0.02	47	0.4	0.04	2.3	2.02	<0.1
1097924	Soil	2.2	13.7	0.03	47.4	<0.001	2	0.49	0.006	0.08	<0.1	3.9	0.15	0.03	40	0.5	0.08	2.6	3.06	<0.1
1097925	Soil	2.9	39.7	0.06	142.2	<0.001	3	1.84	0.004	0.07	<0.1	10.5	0.76	0.16	63	1.4	0.08	5.5	3.72	<0.1
1097926	Soil	10.8	17.1	0.31	233.9	0.003	3	1.22	0.004	0.09	<0.1	7.5	0.17	<0.02	39	0.3	0.02	3.5	2.30	<0.1
1097927	Soil	6.9	17.7	0.22	107.5	0.003	3	1.16	0.005	0.09	<0.1	4.6	0.15	0.05	40	0.4	0.03	3.1	2.43	<0.1
1097928	Soil	9.7	14.4	0.17	132.2	0.002	3	0.93	0.004	0.12	<0.1	4.9	0.16	0.03	91	0.1	0.03	2.6	1.47	<0.1
1097929	Soil	10.2	10.2	0.24	89.4	0.003	4	0.63	0.005	0.10	<0.1	3.0	0.11	0.05	178	0.2	0.02	1.9	0.60	<0.1
1097930	Soil	9.5	13.8	2.35	69.8	0.004	3	0.91	0.009	0.07	<0.1	2.6	0.11	0.04	474	0.4	0.07	2.3	0.41	<0.1
1097931	Soil	7.7	11.4	4.31	85.7	0.002	4	0.88	0.010	0.05	<0.1	1.6	0.24	0.03	616	0.3	0.06	2.0	0.26	<0.1
1097932	Soil	8.5	16.7	3.32	104.4	0.002	4	1.28	0.007	0.08	<0.1	3.1	0.21	0.02	156	0.3	0.05	3.2	0.38	<0.1
1097933	Soil	4.8	16.0	0.33	162.4	0.002	2	1.27	0.006	0.09	<0.1	2.4	0.09	0.09	54	0.1	0.02	4.0	0.45	<0.1
1097934	Soil	6.2	28.9	0.34	216.8	0.003	2	1.52	0.004	0.17	<0.1	3.2	0.12	0.05	22	<0.1	0.02	6.1	1.51	<0.1
1097935	Soil	8.4	33.6	0.44	123.6	0.002	1	2.05	0.004	0.10	0.1	3.1	0.12	0.04	28	0.1	0.03	6.6	1.90	<0.1
1097936	Soil	6.1	23.5	0.19	84.9	0.003	<1	1.52	0.003	0.10	<0.1	1.9	0.09	<0.02	17	0.1	0.03	8.0	1.09	<0.1
1097937	Soil	7.7	27.9	0.42	77.2	0.003	2	1.82	0.002	0.07	<0.1	3.1	0.11	<0.02	72	0.1	<0.02	5.0	1.74	<0.1



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1098431	Soil	0.25	2.5	0.6	<0.05	2.1	17.61	18.7	<0.02	<1	0.6	3.7	<10
1098432	Soil	0.39	5.3	2.1	<0.05	4.5	19.90	24.7	<0.02	<1	0.8	5.5	<10
1098433	Soil	0.13	2.9	0.9	<0.05	4.4	9.98	14.1	<0.02	<1	0.4	2.7	<10
1098434	Soil	0.41	7.7	2.4	<0.05	3.1	13.37	19.8	0.04	<1	0.8	6.5	<10
1098435	Soil	0.31	13.6	2.3	<0.05	4.7	17.54	27.2	0.04	1	1.1	9.1	17
1098436	Soil	0.17	9.3	2.0	<0.05	2.7	14.23	24.4	<0.02	<1	0.6	6.3	<10
1098437	Soil	0.33	10.1	1.3	<0.05	2.4	13.72	30.3	<0.02	<1	0.9	7.9	<10
1098438	Soil	0.22	8.3	2.8	<0.05	1.8	11.70	21.8	<0.02	<1	0.4	7.2	<10
1098439	Soil	0.37	15.8	1.5	<0.05	4.6	14.29	47.4	0.05	<1	1.5	7.5	<10
1098440	Soil	0.29	9.3	2.2	<0.05	2.5	10.35	26.5	<0.02	<1	0.8	6.6	<10
1097918	Soil	0.26	8.1	2.6	<0.05	0.3	3.91	14.1	0.03	<1	1.1	31.9	<10
1097919	Soil	0.14	9.6	3.0	<0.05	2.3	3.78	6.5	0.04	<1	0.9	39.7	<10
1097920	Soil	0.29	10.6	5.1	<0.05	0.2	9.31	26.0	0.03	<1	0.8	23.9	<10
1097921	Soil	0.26	10.5	0.9	<0.05	0.1	3.74	20.9	0.03	<1	0.8	22.9	<10
1097922	Soil	0.31	11.4	1.8	<0.05	<0.1	2.91	19.5	0.03	<1	0.4	17.2	<10
1097923	Soil	0.08	7.4	1.3	<0.05	1.1	18.02	20.2	0.04	<1	1.5	19.7	<10
1097924	Soil	0.03	8.9	2.9	<0.05	0.4	4.01	5.3	0.07	<1	0.4	4.5	<10
1097925	Soil	0.07	8.5	2.8	<0.05	9.4	5.18	17.3	0.15	1	2.4	67.0	<10
1097926	Soil	0.16	9.8	1.2	<0.05	2.8	20.22	26.8	0.06	<1	1.3	30.9	<10
1097927	Soil	0.23	10.2	2.4	<0.05	2.6	13.54	19.3	0.04	<1	1.3	26.2	<10
1097928	Soil	0.22	12.8	3.3	<0.05	2.3	13.72	25.3	0.04	<1	1.2	10.8	<10
1097929	Soil	0.23	6.8	3.7	<0.05	2.3	11.81	27.9	0.03	<1	0.8	7.1	<10
1097930	Soil	0.31	4.4	3.0	<0.05	2.4	12.39	20.5	0.03	<1	0.7	8.1	<10
1097931	Soil	0.12	3.6	5.0	<0.05	2.0	13.03	16.9	<0.02	<1	0.6	5.9	<10
1097932	Soil	0.19	5.4	3.2	<0.05	3.2	11.14	19.0	0.03	<1	1.0	11.6	<10
1097933	Soil	0.36	10.2	1.9	<0.05	2.0	5.68	10.5	0.03	<1	0.8	6.3	<10
1097934	Soil	0.46	17.9	5.3	<0.05	0.8	4.62	18.0	0.03	<1	1.1	23.4	<10
1097935	Soil	0.41	15.3	2.6	<0.05	1.2	5.00	21.4	0.04	<1	1.1	41.5	<10
1097936	Soil	0.41	14.1	4.0	<0.05	0.5	2.73	14.2	0.04	<1	0.8	16.0	<10
1097937	Soil	0.32	10.7	2.1	<0.05	2.1	4.58	21.3	0.04	<1	1.2	38.4	<10



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
1097938	Soil	0.71	25.28	30.85	79.8	176	23.1	15.1	1825	4.04	5.1	0.7	1.2	3.5	8.0	0.11	0.36	0.36	37	0.08
1097939	Soil	0.61	35.64	58.37	91.4	80	25.2	18.8	648	3.72	14.7	0.9	1.0	4.2	8.1	0.06	0.34	0.39	15	0.03
1097940	Soil	0.59	31.54	44.84	106.0	174	25.9	13.7	494	4.16	6.2	0.5	0.6	3.5	10.6	0.07	0.33	0.43	14	0.10
1097941	Soil	1.05	39.61	73.00	58.5	252	7.8	3.8	95	9.02	16.0	0.5	1.0	6.0	28.0	0.03	0.46	0.61	24	0.05
1097942	Soil	0.92	35.45	56.50	71.8	123	15.2	8.2	291	5.62	12.5	0.7	1.1	5.0	11.0	0.06	0.52	0.57	22	0.03
1097943	Soil	0.46	25.25	43.08	62.5	100	11.4	3.0	81	4.47	8.4	0.7	0.8	5.3	6.8	0.02	0.33	0.41	16	<0.01
1097944	Soil	1.08	27.60	67.65	56.4	534	6.1	2.0	51	7.38	14.7	0.5	1.1	7.0	13.5	0.02	0.58	0.60	27	<0.01
1097945	Soil	0.74	38.83	74.13	82.7	242	11.2	6.0	167	7.65	15.1	1.1	1.1	7.4	14.6	0.03	0.48	0.52	22	0.01
1097946	Soil	0.74	72.12	61.71	174.0	178	60.9	21.6	282	9.47	10.2	1.7	0.7	8.1	6.2	0.05	0.38	0.51	20	0.02
1097947	Soil	0.79	24.41	43.92	59.1	574	8.4	2.9	80	4.68	7.7	0.6	1.8	2.6	9.2	0.05	0.39	0.51	20	0.02
1097948	Soil	1.00	28.83	33.15	154.5	120	35.1	13.3	429	5.28	7.6	0.9	0.8	3.3	5.0	0.20	0.40	0.38	21	0.02
1097949	Soil	0.98	24.03	27.19	114.3	242	31.3	12.2	376	4.24	7.7	0.5	0.9	4.5	7.0	0.21	0.49	0.36	27	0.02
1097950	Soil	0.69	24.01	27.82	101.9	76	30.5	12.6	402	3.70	7.6	0.7	1.6	6.9	24.6	0.12	0.43	0.40	23	0.20
1097951	Soil	0.75	38.85	42.65	86.9	122	25.0	13.4	357	4.40	10.9	1.1	1.4	4.4	21.1	0.12	0.51	0.38	20	0.09
1097952	Soil	0.58	31.97	41.23	138.9	254	40.4	16.7	784	4.20	8.3	0.7	1.2	6.2	42.2	0.13	0.30	0.44	16	0.61
1098441	Soil	1.69	16.26	14.94	78.4	62	26.3	10.4	318	2.83	6.3	0.8	0.5	1.9	82.2	0.15	0.27	0.18	22	1.82
1098442	Soil	1.27	15.66	13.94	75.7	49	24.5	10.1	269	2.67	3.9	0.6	0.4	1.7	261.2	0.17	0.20	0.15	17	6.21
1098443	Soil	2.27	12.84	19.98	98.9	93	23.3	8.2	332	2.42	11.3	2.0	0.6	1.3	47.7	0.61	0.54	0.16	43	7.13
1098444	Soil	2.19	10.40	14.49	82.5	81	18.5	6.7	428	1.79	8.8	2.2	1.0	0.8	48.3	0.58	0.46	0.11	31	9.55
1098445	Soil	4.83	14.68	14.50	72.3	91	24.1	8.3	319	2.06	19.2	5.5	0.6	2.2	154.5	0.26	0.55	0.10	30	12.91
1098446	Soil	0.62	14.46	13.42	49.5	121	16.4	7.0	196	1.85	3.2	0.9	0.7	2.5	22.0	0.09	0.28	0.16	16	0.55
1098447	Soil	0.48	17.05	12.39	56.0	90	20.3	8.3	254	2.07	4.6	0.5	0.5	4.1	17.2	0.09	0.30	0.19	16	0.65
1098448	Soil	1.19	13.88	29.53	548.1	217	15.1	5.9	563	1.98	11.5	0.8	2.0	0.9	28.2	0.83	0.62	0.18	20	5.07
1098449	Soil	32.26	9.48	157.0	641.6	242	16.5	5.0	923	1.48	56.2	7.7	3.3	1.4	1639	0.59	3.83	0.12	9	13.26
1098450	Soil	1.71	8.28	128.5	1603	154	12.5	5.9	2098	2.32	14.6	1.4	3.0	0.6	37.2	3.89	1.18	0.17	21	6.79
1098155	Soil	0.96	34.34	75.20	93.1	166	32.6	34.0	1206	3.62	26.8	1.3	1.2	2.3	31.6	0.07	0.51	0.37	16	0.33
1098156	Soil	0.75	26.97	50.73	110.3	69	24.9	12.2	480	4.50	6.9	0.6	1.2	2.7	16.2	0.09	0.39	0.44	20	0.04
1098157	Soil	0.83	46.71	70.33	110.6	64	19.9	6.7	122	10.84	25.6	0.5	0.8	3.1	14.1	0.03	0.63	0.51	25	0.08
1098158	Soil	0.38	20.21	33.09	70.3	85	17.5	6.7	538	4.90	13.9	0.7	0.4	1.4	58.8	0.05	0.30	0.42	17	0.39
1098159	Soil	0.86	62.57	86.45	104.9	327	13.8	6.3	168	9.96	15.9	1.1	1.1	8.4	9.7	0.05	0.55	0.49	26	0.02



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1097938	Soil	8.5	30.1	0.30	176.7	0.003	1	1.96	0.003	0.12	<0.1	3.4	0.13	<0.02	27	0.2	0.03	7.0	2.73	<0.1
1097939	Soil	3.0	15.9	0.24	92.6	0.001	3	1.10	0.003	0.09	<0.1	5.1	0.13	<0.02	11	<0.1	0.06	2.9	5.81	<0.1
1097940	Soil	2.0	14.4	0.20	77.5	<0.001	2	1.05	0.002	0.07	<0.1	4.2	0.14	<0.02	13	<0.1	0.02	3.1	3.13	<0.1
1097941	Soil	2.1	25.0	0.12	69.8	0.002	2	1.03	0.002	0.07	<0.1	3.4	0.38	0.04	45	0.9	0.07	5.1	3.75	<0.1
1097942	Soil	3.0	24.7	0.18	73.7	0.002	2	1.41	0.002	0.09	<0.1	4.3	0.28	0.03	9	0.4	0.08	4.4	4.89	<0.1
1097943	Soil	3.0	16.0	0.12	45.2	0.001	1	1.21	0.002	0.08	<0.1	4.1	0.18	0.05	12	0.3	0.05	3.0	3.11	<0.1
1097944	Soil	2.8	27.4	0.09	81.5	0.001	2	0.91	0.006	0.09	<0.1	3.7	0.68	0.07	38	1.0	0.08	5.3	5.18	<0.1
1097945	Soil	2.8	28.4	0.12	76.1	0.001	2	1.25	0.004	0.09	<0.1	5.7	0.34	0.08	33	0.5	0.04	4.8	5.69	<0.1
1097946	Soil	2.3	34.1	0.10	72.0	0.001	2	1.58	0.002	0.07	<0.1	8.4	0.47	0.06	31	0.7	0.05	4.9	3.60	<0.1
1097947	Soil	2.9	20.0	0.13	62.7	0.001	2	1.11	0.004	0.09	<0.1	2.5	0.27	0.03	38	0.5	0.04	4.2	3.35	<0.1
1097948	Soil	4.1	18.0	0.19	82.8	0.003	2	1.85	0.002	0.07	<0.1	3.5	0.14	0.04	45	0.5	<0.02	4.0	2.78	<0.1
1097949	Soil	5.2	19.3	0.28	76.2	0.003	2	1.47	0.003	0.07	<0.1	3.2	0.19	<0.02	22	0.3	<0.02	4.4	1.92	<0.1
1097950	Soil	11.0	20.1	0.29	145.9	0.004	2	1.43	0.003	0.09	<0.1	4.4	0.15	<0.02	34	0.2	0.03	4.3	1.88	<0.1
1097951	Soil	5.3	18.8	0.22	118.8	0.003	1	1.11	0.006	0.07	<0.1	5.1	0.16	0.04	44	0.2	0.05	3.2	1.96	<0.1
1097952	Soil	10.0	18.7	0.29	145.5	0.004	3	1.20	0.005	0.11	<0.1	7.2	0.19	0.03	62	0.2	0.02	3.5	2.59	<0.1
1098441	Soil	18.4	18.6	0.40	154.1	0.003	10	1.14	0.004	0.21	<0.1	3.6	0.18	0.07	32	0.2	<0.02	3.2	1.17	<0.1
1098442	Soil	14.3	15.7	0.40	134.1	0.003	10	0.98	0.005	0.23	<0.1	3.3	0.16	0.04	25	0.2	<0.02	2.5	1.19	<0.1
1098443	Soil	16.2	19.6	3.64	96.6	0.007	5	1.14	0.006	0.13	<0.1	2.6	0.22	0.03	39	0.3	0.03	2.8	1.00	<0.1
1098444	Soil	12.2	15.6	4.48	74.8	0.005	6	0.83	0.008	0.10	<0.1	1.8	0.17	0.03	37	0.3	0.03	1.9	0.70	<0.1
1098445	Soil	10.3	13.1	3.54	109.4	0.003	9	0.68	0.008	0.21	<0.1	3.0	0.34	<0.02	34	0.4	<0.02	1.7	1.41	<0.1
1098446	Soil	20.7	15.0	0.31	84.5	0.005	7	0.81	0.003	0.17	<0.1	2.7	0.10	0.03	31	0.2	0.03	2.4	1.79	<0.1
1098447	Soil	20.5	15.7	0.28	60.3	0.005	5	0.74	0.004	0.20	<0.1	4.1	0.12	0.03	17	0.2	<0.02	2.6	1.79	<0.1
1098448	Soil	9.6	15.7	2.70	78.0	0.005	4	1.07	0.006	0.07	<0.1	1.7	0.37	0.05	181	0.2	<0.02	3.0	0.90	<0.1
1098449	Soil	4.6	9.0	6.62	132.6	<0.001	8	0.35	0.007	0.04	0.1	1.2	4.92	<0.02	2860	0.6	0.03	0.7	0.51	<0.1
1098450	Soil	7.9	14.5	3.55	74.5	0.007	5	0.95	0.006	0.05	<0.1	1.3	0.74	0.03	644	0.4	0.03	2.4	1.27	<0.1
1098155	Soil	4.8	16.0	0.25	245.6	0.002	4	1.22	0.005	0.11	<0.1	4.3	0.16	0.05	62	0.2	0.08	3.0	6.93	<0.1
1098156	Soil	3.3	16.5	0.15	81.8	0.001	2	1.25	0.005	0.10	<0.1	3.5	0.22	0.05	23	0.2	0.04	3.5	3.47	<0.1
1098157	Soil	2.1	28.9	0.09	91.4	<0.001	3	1.20	0.002	0.09	<0.1	2.5	0.16	0.04	26	0.6	0.06	4.9	4.77	<0.1
1098158	Soil	3.7	14.0	0.14	127.9	<0.001	3	1.29	0.010	0.12	<0.1	2.6	0.09	0.09	19	0.2	0.04	2.9	2.05	<0.1
1098159	Soil	3.0	37.5	0.17	102.7	0.002	3	1.53	0.002	0.10	<0.1	9.5	0.47	0.08	40	0.6	0.07	4.9	6.50	<0.1



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10
1097938	Soil	0.41	20.3	3.9	<0.05	1.1	4.26	23.8	0.04	<1	1.6	31.8	<10
1097939	Soil	0.04	11.9	2.5	<0.05	3.0	6.88	8.0	0.06	<1	1.0	30.2	<10
1097940	Soil	0.06	11.6	3.7	<0.05	1.5	6.82	6.8	0.05	<1	1.0	31.6	<10
1097941	Soil	0.14	9.5	12.4	<0.05	4.5	2.11	5.9	0.09	<1	0.5	10.0	<10
1097942	Soil	0.07	12.6	3.9	<0.05	5.1	3.76	8.3	0.07	<1	0.9	19.6	<10
1097943	Soil	0.05	10.5	1.5	<0.05	4.7	3.25	8.5	0.04	<1	0.6	11.7	<10
1097944	Soil	0.04	14.5	2.6	<0.05	6.1	1.99	7.6	0.09	1	0.5	6.7	<10
1097945	Soil	0.04	12.2	5.1	<0.05	5.4	3.21	9.0	0.09	<1	0.6	13.6	<10
1097946	Soil	0.02	9.0	4.1	<0.05	7.7	6.70	8.0	0.08	<1	1.0	10.7	<10
1097947	Soil	0.08	11.9	2.0	<0.05	0.9	2.38	8.5	0.05	<1	0.5	12.7	<10
1097948	Soil	0.35	11.0	2.3	<0.05	2.2	7.34	17.9	0.06	<1	1.8	29.5	<10
1097949	Soil	0.28	13.6	1.5	<0.05	2.2	4.25	13.3	0.05	<1	0.7	30.1	<10
1097950	Soil	0.20	12.3	2.3	<0.05	1.9	9.99	35.1	0.04	<1	1.1	25.9	<10
1097951	Soil	0.16	7.5	2.0	<0.05	1.8	11.79	15.2	0.05	<1	1.1	21.9	<10
1097952	Soil	0.14	11.4	5.5	<0.05	2.0	17.99	30.2	0.06	<1	1.2	32.4	<10
1098441	Soil	0.42	15.4	1.0	<0.05	3.8	15.12	41.7	0.05	<1	1.2	9.9	<10
1098442	Soil	0.32	13.6	1.3	<0.05	3.5	12.43	30.8	0.03	<1	1.1	8.3	<10
1098443	Soil	0.30	10.6	1.5	<0.05	1.8	14.16	30.6	0.03	<1	0.8	8.7	<10
1098444	Soil	0.28	8.2	1.9	<0.05	1.3	11.67	25.1	0.02	<1	0.6	6.2	<10
1098445	Soil	0.16	11.1	1.4	<0.05	2.2	12.21	23.6	0.03	1	0.6	5.4	<10
1098446	Soil	0.22	12.8	2.1	<0.05	2.0	12.87	39.2	<0.02	<1	0.6	9.1	<10
1098447	Soil	0.24	14.3	1.8	<0.05	2.3	11.53	49.3	0.03	<1	0.7	9.6	<10
1098448	Soil	0.26	7.9	1.6	<0.05	1.3	8.88	15.9	0.02	<1	0.8	13.4	<10
1098449	Soil	0.03	2.2	1.7	<0.05	1.4	8.62	9.7	0.02	2	0.4	0.9	<10
1098450	Soil	0.15	6.2	1.8	<0.05	0.6	7.66	16.3	0.03	<1	0.7	8.6	<10
1098155	Soil	0.10	13.0	3.6	<0.05	3.6	14.16	13.1	0.05	<1	1.3	35.6	<10
1098156	Soil	0.11	13.3	3.3	<0.05	2.1	5.21	9.2	0.06	<1	0.9	23.7	<10
1098157	Soil	0.06	10.8	2.7	<0.05	1.9	2.66	5.2	0.10	<1	0.5	10.8	<10
1098158	Soil	0.10	12.8	1.9	<0.05	2.8	7.35	8.9	0.04	<1	1.1	10.9	<10
1098159	Soil	0.08	12.5	5.6	<0.05	5.0	3.15	9.3	0.13	<1	0.9	15.5	<10



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
1098160	Soil	0.65	42.09	98.83	116.2	121	22.3	10.4	262	6.04	13.1	1.3	1.2	4.8	76.3	0.05	0.51	0.48	19	0.09
1098161	Soil	0.98	26.86	33.75	78.9	84	17.8	5.6	154	4.26	11.7	0.6	1.0	3.5	10.4	0.10	0.61	0.38	32	0.04
1098162	Soil	0.93	27.89	33.59	78.1	104	16.6	5.1	142	4.54	11.7	0.6	1.1	3.4	10.6	0.08	0.63	0.43	32	0.04
1098163	Soil	1.00	18.20	22.48	80.8	194	10.9	4.5	208	3.16	7.3	0.5	1.3	1.0	8.0	0.10	0.56	0.32	32	0.03
1098164	Soil	0.58	26.76	40.00	53.4	167	9.9	2.6	79	3.77	6.3	0.7	0.9	3.5	6.7	0.04	0.36	0.52	21	0.01
1098165	Soil	0.70	23.38	37.92	136.9	114	38.6	16.7	596	4.48	6.6	0.7	0.8	3.2	7.9	0.15	0.40	0.42	21	0.04
1098166	Soil	0.66	18.59	27.19	103.0	120	22.3	10.3	558	3.78	6.0	0.6	0.7	1.4	6.8	0.18	0.34	0.38	21	0.04
1098167	Soil	0.66	19.32	30.24	100.2	137	22.1	11.7	661	4.22	6.8	0.6	0.7	0.9	6.7	0.16	0.42	0.48	25	0.04
1098168	Soil	0.49	17.12	27.82	106.8	58	26.7	12.1	510	3.59	6.4	0.8	1.0	4.3	21.1	0.10	0.31	0.33	19	0.23
1098169	Soil	0.35	19.26	26.25	106.7	154	27.6	8.9	415	3.49	6.6	0.8	0.5	2.9	53.8	0.11	0.23	0.37	13	1.12
1098170	Soil	0.72	16.87	27.47	100.2	38	25.8	9.7	348	2.94	12.5	0.9	1.1	3.0	12.0	0.11	0.99	0.22	33	0.17
1098171	Soil	0.61	19.92	34.52	95.0	194	23.4	8.9	649	2.54	13.9	1.6	2.8	3.7	33.3	0.14	1.29	0.22	20	3.62
1098172	Soil	0.65	19.89	39.35	170.5	307	25.2	9.6	3227	6.20	39.4	2.2	2.3	3.1	15.2	0.51	2.40	0.27	32	2.55
1098173	Soil	0.71	17.34	41.07	85.5	241	19.9	9.6	2536	3.90	19.9	1.3	2.0	2.9	32.4	0.20	1.61	0.24	27	6.56
1098174	Soil	0.63	14.14	56.39	306.4	164	17.3	9.5	2160	3.55	27.7	0.9	1.5	1.9	25.4	0.40	1.55	0.21	15	7.33
1098175	Soil	0.42	27.46	17.19	44.0	20	12.8	10.9	48	2.74	13.4	0.5	0.3	1.5	5.4	0.04	0.57	0.39	16	0.05
1098176	Soil	0.63	15.83	26.30	75.7	85	19.3	11.7	783	3.25	8.4	0.8	0.4	3.0	14.3	0.13	0.58	0.31	27	0.48
1098177	Soil	0.67	18.71	23.12	56.4	54	18.1	11.0	849	3.17	7.9	0.5	0.4	3.1	8.9	0.14	0.46	0.29	27	0.21
1098178	Soil	0.62	36.91	31.48	80.7	74	31.5	17.8	947	3.75	8.5	1.0	1.8	6.4	14.3	0.08	0.36	0.38	27	0.76
1098179	Soil	0.64	27.03	29.96	76.0	51	27.6	14.7	970	3.76	10.0	1.1	0.5	5.7	15.3	0.10	0.39	0.35	27	0.49
1098180	Soil	0.51	23.92	24.53	53.4	34	21.9	12.4	255	3.72	11.1	0.4	0.4	5.1	7.8	0.06	0.39	0.32	25	0.24
1098181	Soil	0.48	12.36	22.63	33.4	33	12.7	8.0	207	3.15	5.5	0.3	0.2	3.8	3.4	0.03	0.25	0.33	25	0.02
1098182	Soil	0.48	21.96	27.29	72.2	118	20.3	12.5	323	4.08	7.9	0.4	0.2	4.6	5.3	0.06	0.38	0.39	28	0.04
1098183	Soil	0.45	35.65	26.63	98.9	122	27.2	15.9	473	4.86	7.1	0.5	0.7	4.3	5.5	0.06	0.20	0.47	31	0.05
1098184	Soil	1.03	23.40	69.81	77.9	109	23.2	21.8	1361	4.03	24.5	1.0	0.9	1.4	17.7	0.06	0.61	0.39	18	0.16
1098185	Soil	0.79	25.88	48.31	97.3	86	24.7	19.5	841	3.64	11.1	0.8	0.4	1.7	11.9	0.10	0.48	0.40	23	0.06
1098186	Soil	0.64	37.47	50.87	116.2	159	33.2	18.2	482	4.38	6.1	0.6	0.8	7.2	12.6	0.09	0.31	0.37	14	0.11
1098187	Soil	0.61	27.12	41.59	82.2	178	22.0	13.0	459	3.24	4.4	0.6	0.9	2.9	11.8	0.10	0.25	0.30	13	0.17
1098188	Soil	0.56	29.20	40.93	78.4	146	15.2	8.6	421	4.21	11.7	0.6	0.8	1.9	16.3	0.10	0.40	0.37	18	0.06
1098189	Soil	0.99	26.74	47.11	50.3	307	9.8	4.3	123	4.42	12.1	0.5	1.8	2.5	11.8	0.06	0.45	0.50	16	0.03



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Project: Scarlet
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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1098160	Soil	5.9	22.2	0.23	180.9	0.001	2	1.65	0.027	0.12	<0.1	7.6	0.14	0.15	28	0.1	0.10	3.8	5.78	<0.1
1098161	Soil	5.9	22.1	0.25	96.6	0.007	3	1.77	0.003	0.11	<0.1	3.2	0.11	0.04	18	0.3	0.07	4.1	3.71	<0.1
1098162	Soil	4.6	22.2	0.22	105.5	0.004	3	1.90	0.003	0.11	<0.1	3.3	0.11	0.04	13	0.3	0.07	4.4	4.17	<0.1
1098163	Soil	5.7	16.6	0.11	57.4	0.005	2	1.10	0.003	0.09	0.1	1.4	0.12	0.04	33	0.2	0.03	4.5	2.06	<0.1
1098164	Soil	4.0	20.4	0.16	46.1	0.001	2	1.32	0.003	0.11	<0.1	3.5	0.20	0.03	16	0.3	0.04	4.5	5.87	<0.1
1098165	Soil	4.8	21.1	0.25	64.1	0.003	3	1.82	0.002	0.11	<0.1	3.7	0.15	0.03	42	0.4	0.03	4.1	3.69	<0.1
1098166	Soil	4.3	16.5	0.14	73.7	0.002	2	1.20	0.002	0.10	<0.1	1.5	0.13	0.04	25	0.3	0.02	4.0	1.74	<0.1
1098167	Soil	6.5	20.3	0.17	85.2	0.004	2	1.45	0.001	0.13	<0.1	1.3	0.14	0.04	32	0.3	0.03	4.9	2.02	<0.1
1098168	Soil	11.3	18.3	0.26	120.7	0.004	3	1.30	0.003	0.11	<0.1	4.2	0.19	0.02	70	0.2	0.03	3.4	1.81	<0.1
1098169	Soil	12.0	15.2	0.23	136.7	0.002	5	1.03	0.003	0.13	<0.1	5.0	0.17	0.05	161	0.2	<0.02	3.0	1.34	<0.1
1098170	Soil	8.5	21.7	0.34	66.2	0.005	3	1.57	0.002	0.08	0.1	2.3	0.11	<0.02	35	0.1	0.05	3.8	1.00	<0.1
1098171	Soil	11.7	14.9	1.93	66.3	0.006	3	0.91	0.007	0.09	0.1	3.3	0.10	<0.02	187	0.3	0.05	2.4	0.68	<0.1
1098172	Soil	34.8	24.2	1.56	120.6	0.004	3	1.70	0.004	0.08	0.1	4.3	0.17	0.06	614	0.4	0.07	4.0	0.62	<0.1
1098173	Soil	14.0	22.7	3.48	115.4	0.003	2	1.64	0.006	0.08	<0.1	3.6	0.16	0.02	199	0.3	0.05	4.1	0.87	<0.1
1098174	Soil	8.0	14.2	3.62	95.6	0.003	3	0.89	0.007	0.08	<0.1	2.5	0.15	<0.02	415	0.2	0.04	2.1	0.62	<0.1
1098175	Soil	2.4	8.1	0.05	55.4	0.004	3	0.40	0.001	0.16	<0.1	2.3	0.10	<0.02	20	<0.1	0.06	1.9	2.18	<0.1
1098176	Soil	9.6	21.3	0.21	101.6	0.005	3	1.28	0.001	0.24	<0.1	3.2	0.12	<0.02	29	0.1	0.06	4.2	0.63	<0.1
1098177	Soil	8.8	20.5	0.25	84.3	0.005	3	1.33	0.001	0.25	<0.1	2.5	0.11	<0.02	22	<0.1	0.04	4.3	0.57	<0.1
1098178	Soil	13.5	27.6	0.48	120.4	0.002	4	1.67	0.002	0.33	<0.1	5.7	0.17	<0.02	35	<0.1	<0.02	5.9	1.33	<0.1
1098179	Soil	13.6	25.6	0.29	105.3	0.003	4	1.54	0.001	0.22	<0.1	5.0	0.15	<0.02	28	<0.1	0.03	5.3	1.27	<0.1
1098180	Soil	8.3	18.8	0.19	50.5	0.002	3	1.40	<0.001	0.18	<0.1	3.0	0.15	<0.02	23	<0.1	<0.02	4.7	1.19	<0.1
1098181	Soil	7.3	18.0	0.17	64.8	0.002	1	1.22	<0.001	0.21	<0.1	1.9	0.13	<0.02	15	<0.1	0.03	5.1	0.99	<0.1
1098182	Soil	8.0	22.7	0.21	90.5	0.002	2	1.51	<0.001	0.23	<0.1	2.8	0.14	<0.02	15	<0.1	0.03	5.6	1.26	<0.1
1098183	Soil	5.7	36.6	0.38	76.6	0.002	1	2.20	<0.001	0.12	<0.1	3.6	0.13	<0.02	22	<0.1	<0.02	7.8	2.49	<0.1
1098184	Soil	3.9	17.7	0.19	173.3	0.002	2	1.38	0.020	0.11	<0.1	3.2	0.24	0.12	29	0.2	0.06	3.3	7.11	<0.1
1098185	Soil	5.3	20.0	0.27	130.5	0.003	2	1.53	0.005	0.10	<0.1	2.5	0.13	0.05	12	0.2	0.07	3.9	5.27	<0.1
1098186	Soil	2.4	16.1	0.19	114.4	0.001	3	1.06	0.002	0.10	<0.1	7.2	0.32	<0.02	32	0.2	0.03	2.9	4.63	<0.1
1098187	Soil	2.5	16.1	0.18	118.5	0.001	3	1.03	0.003	0.10	<0.1	3.8	0.13	0.03	23	0.2	0.03	2.8	4.05	<0.1
1098188	Soil	3.1	16.1	0.14	69.2	0.001	2	1.34	0.005	0.10	<0.1	2.6	0.10	0.07	21	0.3	0.08	3.2	3.31	<0.1
1098189	Soil	2.3	22.0	0.14	78.5	0.001	2	0.83	0.004	0.07	<0.1	2.5	0.17	0.03	16	1.1	0.06	3.1	2.25	<0.1



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1098160	Soil	0.04	12.5	8.3	<0.05	4.5	5.90	17.6	0.08	<1	1.2	30.7	<10
1098161	Soil	0.30	13.9	1.6	<0.05	1.9	3.39	13.9	0.05	<1	0.9	26.9	<10
1098162	Soil	0.25	16.0	2.0	<0.05	2.5	3.50	11.0	0.05	<1	0.9	28.6	<10
1098163	Soil	0.34	14.2	2.3	<0.05	0.3	2.17	12.5	0.03	<1	0.4	8.2	<10
1098164	Soil	0.11	15.8	2.7	<0.05	1.4	2.55	9.6	0.06	<1	0.6	17.1	<10
1098165	Soil	0.28	13.8	3.1	<0.05	3.2	6.80	15.3	0.06	<1	1.2	37.5	<10
1098166	Soil	0.21	12.4	2.7	<0.05	0.8	3.80	15.3	0.04	<1	0.8	15.9	<10
1098167	Soil	0.29	15.9	2.0	<0.05	0.6	4.71	19.9	0.05	<1	1.2	20.1	<10
1098168	Soil	0.29	11.7	2.5	<0.05	1.5	12.07	41.8	0.04	<1	1.2	24.4	<10
1098169	Soil	0.28	11.2	1.6	<0.05	2.8	17.82	28.3	0.05	<1	1.3	20.5	<10
1098170	Soil	0.30	7.8	0.7	<0.05	1.0	5.39	35.8	0.03	<1	0.9	17.7	<10
1098171	Soil	0.24	5.9	3.5	<0.05	2.3	14.36	25.3	0.03	<1	0.6	9.0	<10
1098172	Soil	0.27	9.2	1.0	<0.05	3.3	35.26	42.9	0.03	<1	1.1	9.7	<10
1098173	Soil	0.26	9.2	2.8	<0.05	2.8	16.84	27.6	0.03	<1	1.2	12.1	<10
1098174	Soil	0.15	5.5	6.0	<0.05	2.0	9.45	17.7	0.02	<1	0.5	6.7	<10
1098175	Soil	0.16	12.8	3.2	<0.05	0.2	2.52	5.7	0.03	<1	0.4	1.1	<10
1098176	Soil	0.40	16.1	4.2	<0.05	1.6	4.88	24.1	0.03	<1	0.9	8.2	<10
1098177	Soil	0.44	14.0	2.7	<0.05	0.7	3.34	24.5	0.03	<1	0.9	12.8	<10
1098178	Soil	0.28	19.0	5.1	<0.05	2.4	14.59	37.0	0.05	<1	1.4	18.4	<10
1098179	Soil	0.27	19.1	2.1	<0.05	2.0	12.79	39.1	0.04	<1	1.3	17.2	<10
1098180	Soil	0.27	16.7	1.0	<0.05	1.5	4.33	21.8	0.03	<1	0.7	12.0	<10
1098181	Soil	0.36	19.7	1.3	<0.05	1.3	1.72	17.7	0.02	<1	0.6	10.6	<10
1098182	Soil	0.28	20.4	1.5	<0.05	1.2	3.38	19.7	0.03	<1	1.0	22.8	<10
1098183	Soil	0.21	16.0	5.3	<0.05	2.7	4.93	15.4	0.04	<1	1.2	32.3	<10
1098184	Soil	0.10	16.2	3.2	<0.05	2.6	8.81	11.8	0.05	<1	1.4	25.3	<10
1098185	Soil	0.17	15.0	1.1	<0.05	1.7	5.02	13.3	0.05	<1	1.3	35.7	<10
1098186	Soil	0.04	10.4	1.9	<0.05	4.9	8.76	8.1	0.06	<1	0.8	27.8	<10
1098187	Soil	0.07	10.5	3.1	<0.05	1.4	6.94	9.8	0.04	<1	0.9	27.9	<10
1098188	Soil	0.11	11.6	2.9	<0.05	2.7	3.78	7.7	0.05	<1	0.9	19.0	<10
1098189	Soil	0.07	7.3	1.6	<0.05	1.0	2.85	6.1	0.05	<1	0.5	12.2	<10



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
1098190	Soil	0.64	31.72	41.31	73.2	101	13.7	5.7	143	4.80	8.5	0.5	1.6	4.3	4.2	0.08	0.31	0.43	15	<0.01
1098191	Soil	1.36	37.74	56.64	76.2	145	14.0	6.8	398	5.61	13.2	0.6	<0.2	2.6	7.9	0.19	0.54	0.44	24	0.05
1098192	Soil	0.58	21.28	35.80	82.6	260	15.8	6.8	258	3.24	8.3	0.5	<0.2	1.8	9.1	0.13	0.31	0.37	15	0.04
1098193	Soil	1.31	40.10	37.02	94.8	421	22.3	8.8	170	5.69	10.6	0.6	0.3	3.0	7.0	0.09	0.62	0.41	27	0.03
1098194	Soil	0.69	36.02	37.58	97.6	120	18.0	8.6	106	6.91	11.2	0.4	<0.2	5.0	3.4	0.05	0.37	0.43	16	<0.01
1098195	Soil	0.45	37.84	41.97	180.9	138	73.8	29.7	765	4.79	6.7	1.4	<0.2	5.8	19.0	0.15	0.23	0.40	13	0.01
1098196	Soil	0.32	20.92	32.04	100.4	82	25.1	11.4	738	4.42	6.3	1.0	<0.2	3.7	91.8	0.24	0.14	0.46	14	1.43
1098197	Soil	0.77	24.21	36.70	97.1	83	25.3	16.4	592	4.02	9.3	0.7	<0.2	2.0	7.4	0.13	0.42	0.37	23	0.04
1098951	Soil	1.20	20.74	70.69	130.7	93	21.6	9.7	239	2.48	16.5	0.6	<0.2	1.8	28.3	0.24	1.11	0.31	13	0.08
1098952	Soil	1.82	16.91	31.56	81.4	262	17.9	7.3	157	3.02	15.1	0.6	<0.2	4.1	7.6	0.08	1.91	0.33	46	0.02
1098953	Soil	1.05	19.56	36.92	84.8	465	21.2	9.6	372	2.85	14.4	0.5	<0.2	1.0	10.2	0.28	1.40	0.23	28	0.13
1098954	Soil	1.21	29.88	52.39	153.5	354	36.1	22.9	431	3.84	15.9	1.6	<0.2	2.5	71.9	0.19	2.06	0.33	20	0.53
1098955	Soil	0.53	31.23	22.30	82.2	117	27.3	9.2	563	2.77	17.1	6.0	0.2	1.6	50.3	0.24	0.67	0.25	21	1.60
1098956	Soil	0.73	18.65	67.28	125.3	71	25.3	11.2	351	2.35	11.3	1.3	0.2	3.0	31.4	0.42	0.40	0.16	26	1.15
1098957	Soil	0.86	32.11	25.07	134.2	90	29.9	12.5	559	3.26	17.4	2.6	3.0	3.7	42.1	0.38	0.84	0.20	35	1.15
1098958	Soil	1.07	16.42	29.81	106.4	51	18.7	12.6	456	2.90	11.3	1.2	<0.2	3.0	16.7	0.41	0.61	0.24	32	0.33
1098959	Soil	1.13	23.61	22.80	114.7	273	21.6	8.8	236	2.21	15.2	8.7	1.7	1.5	59.8	0.18	0.98	0.21	18	1.84
1098960	Soil	1.53	29.51	39.72	165.9	238	27.0	10.2	511	3.00	9.5	2.1	<0.2	2.1	30.7	0.29	0.59	0.28	28	0.89
1098961	Soil	2.16	23.44	80.00	227.8	366	25.4	12.2	797	3.11	11.1	3.0	<0.2	1.9	21.2	0.81	0.73	0.25	30	0.90
1098962	Soil	1.57	23.19	43.54	115.6	89	15.2	9.7	3663	2.40	12.8	2.2	<0.2	2.2	40.2	0.32	0.31	0.32	19	2.77
1098963	Soil	1.59	39.77	78.66	104.2	160	22.0	15.4	2313	2.69	20.3	1.5	<0.2	1.2	34.4	0.22	0.42	0.30	18	1.97
1098964	Soil	0.78	28.73	17.91	65.6	153	24.1	29.4	1303	3.42	5.3	1.4	<0.2	3.4	35.1	0.15	0.41	0.31	25	1.20
1098965	Soil	2.33	26.51	22.66	109.3	274	35.7	12.1	249	2.96	7.3	1.5	<0.2	1.8	70.8	0.38	0.48	0.21	24	1.48
1098966	Soil	2.10	17.22	15.99	72.3	62	32.7	12.9	369	2.83	5.1	1.0	<0.2	5.1	511.1	0.12	0.15	0.15	18	12.59
1098967	Soil	1.08	14.42	12.25	56.8	34	25.4	11.2	345	2.28	4.2	0.8	<0.2	3.9	650.4	0.04	0.10	0.12	13	14.61
1097559	Soil	0.74	19.81	24.75	60.1	188	16.4	7.0	260	2.46	5.6	1.1	<0.2	1.9	40.3	0.13	0.33	0.25	21	1.46
1097560	Soil	0.69	11.76	23.58	48.8	163	15.5	7.7	185	2.38	4.5	1.3	<0.2	1.9	12.6	0.04	0.23	0.26	30	0.21
1097561	Soil	1.21	12.72	21.06	82.5	107	10.6	7.0	690	1.93	12.1	4.8	<0.2	1.1	44.1	0.38	0.70	0.23	27	1.34
1097562	Soil	0.88	27.41	23.36	110.4	135	26.0	10.6	294	3.03	20.5	4.7	1.9	2.6	39.3	0.64	1.05	0.23	38	1.10
1097563	Soil	0.90	23.59	19.40	124.2	93	20.1	8.4	342	2.85	11.6	7.0	1.4	1.7	42.9	0.33	0.77	0.20	41	1.36



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1098190	Soil	2.1	20.2	0.13	36.8	0.001	4	1.00	0.002	0.07	<0.1	4.1	0.25	0.03	<5	1.0	<0.02	3.0	3.23	<0.1
1098191	Soil	3.6	27.8	0.12	87.5	0.005	3	0.94	0.003	0.09	<0.1	2.7	0.20	0.04	12	1.1	0.09	3.9	3.39	<0.1
1098192	Soil	2.2	14.7	0.13	92.8	0.001	3	1.03	0.005	0.08	<0.1	2.8	0.09	0.05	6	0.6	0.04	2.6	2.21	<0.1
1098193	Soil	3.7	22.3	0.15	35.3	0.008	3	1.10	0.003	0.06	<0.1	2.3	0.11	0.04	39	1.3	0.03	3.5	2.01	<0.1
1098194	Soil	1.9	24.2	0.06	29.3	0.001	2	0.76	0.002	0.05	<0.1	2.7	0.14	0.03	19	1.0	0.04	3.0	1.86	<0.1
1098195	Soil	3.0	22.0	0.29	82.5	0.002	3	2.19	0.003	0.08	<0.1	6.0	0.12	0.04	24	0.8	<0.02	3.4	3.01	<0.1
1098196	Soil	15.7	17.8	0.16	117.0	0.002	4	1.23	0.004	0.09	<0.1	4.9	0.13	0.07	28	0.9	<0.02	3.2	1.16	<0.1
1098197	Soil	4.8	20.7	0.21	103.4	0.006	3	1.31	0.004	0.10	<0.1	2.5	0.12	0.04	22	0.6	0.04	4.1	3.70	<0.1
1098951	Soil	4.8	13.5	0.09	70.8	0.002	3	0.49	0.003	0.12	<0.1	1.3	0.11	0.12	17	0.7	0.03	2.4	8.33	<0.1
1098952	Soil	10.6	16.1	0.10	34.7	0.017	2	0.83	0.001	0.06	0.1	1.7	0.18	<0.02	29	0.6	<0.02	5.8	5.89	<0.1
1098953	Soil	5.4	15.6	0.08	46.7	0.004	3	0.97	0.003	0.07	<0.1	1.4	0.16	0.04	64	0.9	<0.02	3.8	10.30	<0.1
1098954	Soil	14.2	29.2	0.14	81.7	0.005	9	0.84	0.004	0.16	<0.1	2.9	0.34	0.03	66	1.3	0.06	2.9	45.71	<0.1
1098955	Soil	13.3	33.0	0.26	449.4	0.002	4	0.97	0.003	0.08	<0.1	3.7	0.11	0.08	94	1.4	0.03	2.9	2.54	<0.1
1098956	Soil	15.3	42.8	1.36	374.1	0.006	4	1.43	0.004	0.07	<0.1	4.2	0.12	0.06	76	1.6	<0.02	4.9	1.74	<0.1
1098957	Soil	23.7	45.5	0.99	151.7	0.007	6	1.22	0.006	0.09	<0.1	8.5	0.21	0.07	119	3.1	<0.02	3.9	2.98	<0.1
1098958	Soil	9.1	25.9	0.42	102.4	0.006	3	1.16	0.003	0.12	<0.1	2.8	0.15	0.03	219	1.0	0.02	4.1	1.75	<0.1
1098959	Soil	8.1	16.9	0.23	104.0	0.003	5	0.88	0.004	0.10	<0.1	2.5	0.30	0.08	364	1.4	<0.02	2.6	3.54	<0.1
1098960	Soil	13.3	23.4	0.31	198.2	0.003	4	1.44	0.003	0.10	<0.1	3.4	0.23	0.08	320	1.0	<0.02	4.0	1.64	<0.1
1098961	Soil	15.0	24.0	0.36	186.0	0.003	3	1.41	0.003	0.10	<0.1	3.4	0.27	0.07	1099	1.2	0.04	3.8	1.57	<0.1
1098962	Soil	18.7	14.8	0.60	161.2	0.004	6	0.77	0.006	0.06	<0.1	1.7	0.08	0.14	57	1.1	0.03	2.1	1.11	<0.1
1098963	Soil	12.9	16.4	0.32	136.4	0.005	6	1.13	0.006	0.09	<0.1	2.9	0.14	0.13	71	1.3	0.03	3.2	2.83	<0.1
1098964	Soil	24.2	22.2	0.39	128.3	0.006	6	1.40	0.003	0.11	<0.1	4.4	0.13	0.13	78	1.3	0.02	4.0	2.46	<0.1
1098965	Soil	14.3	22.1	0.18	160.2	0.003	9	0.87	0.005	0.18	<0.1	2.9	0.17	0.12	60	1.5	0.05	2.5	1.72	<0.1
1098966	Soil	13.4	15.5	0.69	154.6	0.002	9	0.70	0.008	0.25	<0.1	4.6	0.24	<0.02	29	0.5	0.02	1.8	2.18	<0.1
1098967	Soil	12.0	14.6	0.51	154.1	0.002	9	0.61	0.007	0.24	<0.1	3.9	0.14	0.03	21	0.6	0.04	1.5	1.92	<0.1
1097559	Soil	15.0	19.0	0.30	184.7	0.004	7	1.06	0.005	0.14	<0.1	2.8	0.39	0.19	127	1.0	<0.02	3.2	2.28	<0.1
1097560	Soil	11.9	24.3	0.27	205.8	0.003	3	1.70	0.002	0.08	<0.1	2.8	0.25	0.07	67	0.9	<0.02	4.8	2.26	<0.1
1097561	Soil	9.9	10.5	0.11	120.0	0.004	2	0.83	0.004	0.05	<0.1	1.7	0.17	0.07	118	0.9	0.02	3.5	1.28	<0.1
1097562	Soil	21.3	34.5	0.21	89.1	0.006	3	0.91	0.003	0.07	0.1	4.1	0.22	0.05	223	1.4	<0.02	3.1	1.19	<0.1
1097563	Soil	20.8	36.0	0.40	125.6	0.006	4	1.06	0.003	0.06	<0.1	3.5	0.13	0.08	155	1.7	<0.02	3.8	1.41	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10
1098190	Soil	0.07	8.9	1.4	<0.05	3.3	2.94	6.0	0.05	2	0.4	10.5	<10
1098191	Soil	0.16	13.7	7.6	<0.05	1.6	3.21	9.2	0.05	2	0.5	9.0	<10
1098192	Soil	0.09	9.5	2.1	<0.05	1.9	4.42	5.7	0.05	<1	1.2	13.9	<10
1098193	Soil	0.45	8.1	4.9	<0.05	1.4	2.33	8.6	0.05	<1	0.7	10.2	<10
1098194	Soil	0.07	6.0	1.0	<0.05	3.2	2.53	5.2	0.07	<1	0.6	5.5	<10
1098195	Soil	0.18	9.0	2.2	<0.05	6.6	8.51	11.7	0.04	1	1.6	71.8	<10
1098196	Soil	0.24	12.4	1.4	<0.05	2.0	15.17	63.4	0.06	<1	1.6	21.0	<10
1098197	Soil	0.32	14.3	2.0	<0.05	0.8	4.47	14.3	0.04	2	1.0	25.9	<10
1098951	Soil	0.07	9.5	5.5	<0.05	0.4	3.48	14.3	0.03	3	0.6	3.9	<10
1098952	Soil	0.51	10.2	2.6	<0.05	1.5	2.83	24.5	0.02	<1	0.2	3.1	<10
1098953	Soil	0.26	10.2	3.5	<0.05	0.5	3.74	18.1	0.03	2	0.7	6.7	<10
1098954	Soil	0.06	19.7	29.2	<0.05	1.3	14.74	39.4	<0.02	2	1.4	7.8	<10
1098955	Soil	0.23	8.1	2.1	<0.05	2.3	15.04	23.9	0.04	<1	1.3	7.7	<10
1098956	Soil	0.47	9.0	2.9	<0.05	3.7	7.80	36.7	0.03	<1	1.0	33.9	<10
1098957	Soil	0.25	12.7	5.3	<0.05	4.3	20.19	50.3	0.05	<1	1.3	24.7	<10
1098958	Soil	0.43	13.6	2.1	<0.05	1.3	5.46	23.8	0.02	1	0.5	19.3	<10
1098959	Soil	0.34	10.7	1.6	<0.05	2.9	8.80	16.4	0.02	<1	0.9	9.7	<10
1098960	Soil	0.36	13.5	1.2	<0.05	4.7	15.61	24.1	0.03	<1	1.3	14.7	<10
1098961	Soil	0.31	13.7	0.9	<0.05	4.4	16.30	30.1	0.02	<1	1.6	14.1	<10
1098962	Soil	0.19	6.1	2.3	<0.05	1.9	16.34	70.4	<0.02	<1	0.7	13.4	<10
1098963	Soil	0.53	9.1	2.4	<0.05	2.4	17.22	28.8	0.03	<1	0.8	21.2	<10
1098964	Soil	0.39	12.1	1.4	<0.05	2.4	22.88	85.8	0.05	3	1.0	18.8	<10
1098965	Soil	0.37	12.6	2.2	<0.05	6.4	13.88	30.1	0.05	2	1.2	8.4	<10
1098966	Soil	0.18	14.5	1.5	<0.05	8.6	10.63	34.0	0.04	<1	1.2	5.5	<10
1098967	Soil	0.14	13.4	1.3	<0.05	5.3	9.50	29.8	0.03	<1	0.5	4.7	<10
1097559	Soil	0.38	13.0	1.0	<0.05	2.9	12.69	26.4	0.04	2	0.8	13.7	<10
1097560	Soil	0.32	11.3	1.2	<0.05	2.1	7.86	27.9	0.03	<1	0.8	15.5	<10
1097561	Soil	0.34	7.0	1.2	<0.05	2.0	6.04	19.9	0.03	<1	0.4	6.0	<10
1097562	Soil	0.30	8.8	1.5	<0.05	2.3	12.16	42.0	0.04	<1	1.3	9.2	<10
1097563	Soil	0.43	8.7	1.1	<0.05	2.0	11.38	40.7	0.04	<1	0.6	15.8	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1097564	Soil	1.20	29.47	30.85	123.7	140	30.5	12.9	548	2.80	12.9	1.4	2.7	5.0	52.8	0.28	1.00	0.27	30	2.88
1097565	Soil	1.27	30.67	30.76	134.8	174	32.6	10.2	289	2.91	12.0	2.2	1.7	3.3	38.1	0.32	0.80	0.27	30	1.57
1097566	Soil	1.31	24.59	66.74	289.8	191	22.4	9.8	481	2.78	11.8	3.4	3.2	1.6	34.5	0.34	0.72	0.26	26	1.29
1097567	Soil	0.56	34.01	19.74	101.2	199	24.2	9.5	359	2.26	9.3	2.6	2.1	1.6	50.5	0.23	0.67	0.21	19	1.45
1097568	Soil	0.67	38.13	45.26	101.3	656	25.2	10.4	318	2.61	14.1	2.1	<0.2	4.0	46.9	0.10	1.02	0.29	15	1.07
1097569	Soil	0.42	27.46	36.93	72.9	175	22.4	9.0	219	2.13	7.6	1.4	3.5	3.6	38.9	0.23	0.39	0.27	8	0.96
1097570	Soil	0.34	33.19	68.06	162.4	220	46.4	19.4	561	3.38	6.2	0.7	3.0	7.7	14.2	0.26	0.56	0.46	17	0.24
1097571	Soil	0.72	22.49	40.18	140.8	168	28.5	13.3	313	3.50	10.4	0.5	2.7	4.2	11.9	0.22	1.03	0.24	21	0.11
1097572	Soil	0.59	29.36	61.21	111.7	240	28.8	15.4	851	4.26	13.9	1.1	2.0	3.7	21.4	0.35	1.45	0.29	16	0.33
1098878	Soil	2.92	9.36	6.85	63.0	73	23.9	4.1	208	0.73	17.0	2.8	1.4	0.8	70.3	0.44	0.47	0.06	25	13.13
1098879	Soil	6.35	9.12	7.71	58.7	201	25.1	2.9	177	0.79	17.8	6.9	1.2	0.7	79.7	0.39	0.60	0.04	42	12.38
1098880	Soil	1.75	10.97	9.19	191.6	112	45.3	5.0	369	1.01	11.4	40.1	1.0	0.4	60.9	1.51	0.66	0.09	99	9.14
1098881	Soil	2.57	10.23	9.84	74.8	71	20.9	4.8	411	1.46	16.2	42.5	2.0	0.8	49.9	0.39	0.69	0.11	94	8.46
1098882	Soil	3.61	17.49	13.14	137.2	85	27.5	7.5	871	2.13	19.9	2.2	2.5	0.4	18.9	0.53	0.90	0.17	58	4.68
1098883	Soil	2.28	7.56	7.22	59.6	48	8.9	2.4	747	0.63	8.5	1.1	0.7	<0.1	31.1	0.36	0.35	0.09	15	10.55
1098884	Soil	3.52	12.24	11.41	81.6	59	23.1	5.3	436	1.53	20.5	2.3	1.4	0.3	36.9	0.41	0.76	0.09	29	9.67
1098885	Soil	1.27	10.82	4.05	60.5	17	28.6	2.5	461	0.49	10.4	1.0	1.3	0.1	28.6	0.35	0.31	0.03	16	13.77
1098886	Soil	2.46	26.68	25.01	91.6	108	32.1	13.1	476	3.32	17.3	1.8	1.4	2.7	50.4	0.11	0.59	0.12	28	4.63
1098887	Soil	2.37	31.72	26.57	96.5	145	34.3	15.7	283	3.77	19.5	1.4	1.0	2.5	34.4	0.24	0.75	0.15	28	1.31
1098888	Soil	6.57	26.79	24.13	118.6	119	38.4	12.7	279	3.13	67.7	6.1	1.7	2.7	42.7	0.41	1.22	0.13	33	8.34
1098889	Soil	3.70	20.16	20.70	97.5	105	31.6	11.5	247	3.02	14.6	2.2	1.0	2.0	51.7	0.22	0.46	0.18	24	2.42
1098890	Soil	7.44	18.91	17.96	88.3	136	28.7	8.6	357	1.99	26.6	8.5	2.1	2.0	60.8	0.34	0.66	0.11	40	8.24
1098891	Soil	0.75	7.36	5.49	31.6	15	12.6	5.2	194	1.33	2.6	0.4	0.5	1.3	662.6	0.04	0.05	0.05	9	17.99
1098892	Soil	0.69	9.19	7.58	39.1	20	15.8	7.2	226	1.60	2.4	0.5	0.3	2.4	711.6	0.03	0.06	0.07	8	17.66
1098893	Soil	0.78	10.90	8.72	48.7	26	20.4	8.5	224	1.98	2.9	0.5	1.6	1.7	589.7	0.05	0.08	0.09	12	12.93
1098894	Soil	1.60	14.36	14.09	69.1	34	28.6	11.1	344	2.75	3.1	0.5	1.1	1.1	200.4	0.06	0.11	0.13	14	5.35
1098895	Soil	3.13	26.95	23.56	99.0	270	30.1	10.9	133	2.55	5.6	0.8	1.9	3.3	67.3	0.41	0.55	0.24	20	1.25
1098896	Soil	1.84	24.49	19.97	110.9	258	31.7	11.5	309	2.76	4.4	1.0	2.0	2.2	52.3	0.67	0.55	0.20	33	1.27
1098897	Soil	1.78	18.86	20.89	82.1	159	25.2	9.0	318	2.47	4.5	0.8	1.7	1.6	44.2	0.42	0.51	0.18	27	1.02
1098898	Soil	1.41	19.47	21.70	78.5	144	21.1	8.9	281	2.40	4.9	1.0	0.5	1.9	36.2	0.17	0.40	0.24	25	0.70



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1097564	Soil	17.2	26.9	1.29	197.3	0.009	4	1.10	0.006	0.11	0.1	4.7	0.20	<0.02	220	0.8	<0.02	3.4	1.92	<0.1
1097565	Soil	17.0	32.0	0.76	147.5	0.006	4	1.20	0.005	0.08	0.1	5.0	0.14	0.05	185	1.1	0.03	3.6	1.60	<0.1
1097566	Soil	9.3	21.6	0.36	197.9	0.004	4	1.16	0.005	0.10	<0.1	3.0	0.34	0.08	757	1.0	0.06	3.5	2.16	<0.1
1097567	Soil	12.3	27.9	0.45	334.4	0.003	4	0.92	0.003	0.08	<0.1	3.6	0.16	0.11	138	1.7	<0.02	2.8	6.00	<0.1
1097568	Soil	8.5	16.8	0.30	193.1	0.002	7	1.15	0.005	0.13	<0.1	5.3	0.29	0.13	255	1.4	0.05	2.9	14.60	<0.1
1097569	Soil	6.0	11.1	0.26	69.6	0.001	6	0.50	0.004	0.11	<0.1	2.9	0.09	0.06	134	0.8	0.07	1.4	4.00	<0.1
1097570	Soil	16.6	38.7	1.39	70.7	0.003	2	1.88	0.005	0.11	<0.1	4.2	0.08	0.05	61	0.4	0.04	5.5	5.54	<0.1
1097571	Soil	8.2	24.0	0.44	113.7	0.001	3	1.44	0.004	0.08	<0.1	2.3	0.09	0.03	37	0.3	0.09	3.8	2.08	<0.1
1097572	Soil	7.0	17.8	0.31	80.1	0.002	2	1.30	0.008	0.10	<0.1	3.4	0.13	0.12	79	0.7	0.08	3.0	5.41	<0.1
1098878	Soil	6.0	7.2	6.11	41.0	0.003	2	0.23	0.007	0.05	<0.1	1.4	0.32	0.04	37	0.3	0.06	0.5	0.84	<0.1
1098879	Soil	6.0	12.1	7.37	35.4	0.003	4	0.26	0.011	0.06	<0.1	1.3	0.35	0.03	30	0.3	0.07	0.5	1.10	<0.1
1098880	Soil	9.5	26.5	5.31	60.0	0.006	3	0.86	0.010	0.05	<0.1	0.8	0.19	0.08	54	0.6	0.14	1.4	0.37	<0.1
1098881	Soil	14.6	27.1	4.67	80.6	0.009	4	1.20	0.011	0.07	0.2	1.4	0.29	0.08	29	0.6	0.06	2.0	0.77	<0.1
1098882	Soil	16.1	22.7	2.10	101.5	0.008	3	1.15	0.010	0.05	0.2	0.9	0.40	0.11	45	1.1	0.08	2.4	0.77	<0.1
1098883	Soil	9.6	9.0	7.19	40.0	0.005	7	0.45	0.013	0.03	<0.1	0.5	0.15	0.09	38	0.5	0.04	0.7	0.30	<0.1
1098884	Soil	10.4	17.1	6.11	51.9	0.006	3	0.80	0.013	0.04	<0.1	1.0	0.33	0.08	31	0.4	0.08	1.2	0.47	<0.1
1098885	Soil	7.9	5.0	8.98	25.5	0.003	2	0.29	0.009	0.02	<0.1	0.5	0.31	0.05	33	0.2	0.06	0.5	0.50	<0.1
1098886	Soil	15.4	18.3	2.01	157.7	0.002	9	0.55	0.005	0.17	<0.1	6.5	0.15	0.14	38	0.5	0.06	1.5	1.24	<0.1
1098887	Soil	17.8	19.5	0.32	256.5	0.002	9	0.78	0.004	0.19	<0.1	6.2	0.23	0.12	65	0.8	0.05	2.3	1.25	<0.1
1098888	Soil	13.6	16.2	5.02	79.8	0.004	4	0.82	0.011	0.16	<0.1	4.4	0.71	0.14	68	0.8	0.09	1.9	1.22	<0.1
1098889	Soil	12.7	17.8	0.56	197.5	0.003	11	0.84	0.005	0.24	<0.1	3.5	0.31	0.09	70	0.5	<0.02	2.3	1.67	<0.1
1098890	Soil	11.4	14.8	4.06	104.9	0.003	8	0.69	0.008	0.18	<0.1	3.1	0.50	0.04	59	0.7	0.08	1.6	1.41	<0.1
1098891	Soil	8.4	9.2	0.37	104.7	0.002	7	0.38	0.006	0.17	<0.1	1.9	0.08	0.08	23	0.2	0.11	1.0	0.88	<0.1
1098892	Soil	9.1	9.3	0.74	102.5	0.002	8	0.40	0.008	0.20	<0.1	2.8	0.08	0.07	25	0.4	0.11	1.0	1.15	<0.1
1098893	Soil	10.5	11.2	0.40	98.9	0.002	8	0.61	0.007	0.23	<0.1	2.8	0.13	0.06	22	0.3	0.07	1.4	1.24	<0.1
1098894	Soil	15.6	15.3	0.24	171.2	0.002	12	0.76	0.004	0.23	<0.1	2.8	0.16	0.08	45	0.5	0.03	1.8	1.61	<0.1
1098895	Soil	8.9	17.2	0.17	183.7	0.002	8	0.70	0.006	0.27	<0.1	3.4	0.22	0.21	31	1.2	0.08	2.1	2.59	<0.1
1098896	Soil	16.5	19.9	0.19	183.0	0.003	9	0.94	0.004	0.24	<0.1	3.6	0.20	0.09	49	1.3	0.06	2.6	1.78	<0.1
1098897	Soil	14.2	18.1	0.14	142.4	0.002	7	0.80	0.003	0.19	<0.1	2.7	0.17	0.07	41	1.2	0.03	2.4	1.29	<0.1
1098898	Soil	12.9	19.9	0.19	228.7	0.004	5	1.06	0.005	0.19	<0.1	2.7	0.16	0.08	38	0.6	0.08	3.3	2.16	<0.1



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Part 3

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10
1097564	Soil	0.30	9.0	0.9	<0.05	2.4	13.85	34.1	0.03	3	0.9	15.5	<10
1097565	Soil	0.44	7.6	1.5	<0.05	3.7	16.92	27.8	0.04	3	1.2	18.3	<10
1097566	Soil	0.47	10.2	0.7	<0.05	2.7	9.54	18.7	0.03	<1	0.9	14.3	<10
1097567	Soil	0.24	11.6	1.2	<0.05	2.9	12.38	24.9	0.04	<1	0.8	12.8	<10
1097568	Soil	0.16	17.5	0.8	<0.05	8.7	23.79	22.0	0.03	<1	1.4	12.1	<10
1097569	Soil	0.11	8.0	1.5	<0.05	4.8	12.47	16.2	0.03	3	0.5	6.9	<10
1097570	Soil	0.18	8.5	1.9	<0.05	5.6	8.24	40.8	0.04	1	1.0	61.1	<10
1097571	Soil	0.17	10.3	2.4	<0.05	1.9	3.70	19.8	0.03	2	1.0	43.1	<10
1097572	Soil	0.12	9.2	1.7	<0.05	2.6	8.53	20.9	0.04	2	1.2	22.6	<10
1098878	Soil	0.10	3.0	0.2	<0.05	1.3	7.93	10.4	<0.02	2	0.3	2.5	<10
1098879	Soil	0.07	3.0	1.0	<0.05	1.3	8.17	10.5	<0.02	1	0.3	2.5	<10
1098880	Soil	0.15	4.1	1.9	<0.05	1.7	12.37	15.2	<0.02	4	0.4	4.6	<10
1098881	Soil	0.26	5.1	1.0	<0.05	2.4	18.14	19.5	<0.02	3	0.6	6.7	<10
1098882	Soil	0.38	6.1	0.9	<0.05	0.8	17.30	23.7	0.02	2	0.6	8.9	<10
1098883	Soil	0.11	2.4	2.1	<0.05	0.7	13.08	9.0	<0.02	2	0.3	2.5	<10
1098884	Soil	0.19	3.1	2.4	<0.05	1.0	13.53	14.4	<0.02	2	0.3	4.5	<10
1098885	Soil	0.07	2.1	0.2	<0.05	1.6	10.93	8.8	<0.02	2	0.3	2.7	<10
1098886	Soil	0.35	7.9	1.2	<0.05	2.7	13.17	33.1	0.06	<1	0.8	5.9	<10
1098887	Soil	0.43	11.4	1.9	<0.05	3.1	16.33	34.5	0.05	3	1.0	8.6	<10
1098888	Soil	0.16	7.7	1.2	<0.05	3.6	15.96	23.5	0.02	2	0.7	7.4	<10
1098889	Soil	0.44	15.9	3.3	<0.05	3.0	13.99	26.5	0.03	6	1.2	7.0	<10
1098890	Soil	0.14	8.6	1.7	<0.05	2.3	13.88	23.3	0.02	2	0.7	6.1	<10
1098891	Soil	0.16	8.1	0.7	<0.05	1.9	5.52	19.0	<0.02	<1	0.5	3.6	<10
1098892	Soil	0.13	9.4	1.2	<0.05	3.4	6.46	20.2	0.02	2	0.7	4.1	<10
1098893	Soil	0.18	11.3	1.2	<0.05	2.8	7.55	22.4	<0.02	<1	0.8	4.8	<10
1098894	Soil	0.40	13.4	1.9	<0.05	3.7	11.45	31.6	<0.02	<1	1.2	6.3	<10
1098895	Soil	0.21	15.6	2.6	<0.05	5.0	8.09	20.3	0.04	<1	1.0	7.8	<10
1098896	Soil	0.53	15.9	1.4	<0.05	5.5	12.78	33.5	<0.02	3	1.3	8.0	<10
1098897	Soil	0.38	14.1	1.1	<0.05	4.3	9.72	28.9	0.02	3	0.8	5.6	<10
1098898	Soil	0.42	17.3	0.9	<0.05	2.7	9.78	28.4	0.03	<1	0.8	10.3	<10



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CERTIFICATE OF ANALYSIS

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	Method Analyte	Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
			ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
			0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
1098899	Soil		1.17	17.49	19.68	80.0	88	21.4	8.9	163	2.13	4.0	1.1	1.3	2.0	40.6	0.14	0.34	0.22	20
1098900	Soil		0.78	22.07	18.51	73.4	122	20.8	8.5	364	2.17	4.2	1.2	2.3	1.9	35.1	0.13	0.35	0.22	24
1096715	Soil		0.71	30.79	37.34	89.6	59	20.8	14.6	835	4.42	9.3	0.7	1.5	1.9	9.5	0.16	0.40	0.45	33
1096716	Soil		0.47	46.69	55.22	102.8	92	30.2	21.8	1761	4.11	11.8	1.9	1.0	6.4	20.1	0.11	0.33	0.40	27
1096717	Soil		0.61	86.77	43.82	94.4	249	29.3	17.4	1468	3.90	9.2	3.2	1.4	4.2	57.5	0.16	0.32	0.41	24
1096718	Soil		0.68	40.13	50.76	121.7	169	35.6	18.7	923	4.20	15.7	1.0	1.5	2.5	38.6	0.20	0.46	0.42	18
1096719	Soil		0.67	56.98	44.29	112.9	285	48.4	22.2	489	4.35	18.0	0.8	2.9	5.3	51.3	0.07	0.45	0.46	21
1096720	Soil		0.67	28.22	24.73	81.2	142	18.1	9.8	321	3.57	12.4	0.4	1.3	1.0	5.4	0.09	0.43	0.37	25
1096721	Soil		1.11	29.80	42.06	68.9	295	20.7	8.7	246	5.05	10.6	1.0	1.1	2.6	28.4	0.13	0.52	0.37	29
1096722	Soil		0.67	20.46	39.82	89.8	218	30.0	11.8	1164	3.55	15.4	1.4	3.1	3.2	26.3	0.24	0.80	0.26	20
1096723	Soil		0.42	16.55	34.19	140.7	268	19.1	6.0	236	1.79	11.1	1.5	1.9	1.0	52.4	0.24	0.58	0.18	10
1096724	Soil		0.59	17.18	51.65	188.0	246	22.5	7.1	578	2.73	24.0	1.3	0.8	1.9	24.1	0.46	1.43	0.23	21
1096725	Soil		0.61	26.88	47.95	718.5	223	23.6	9.4	3269	5.93	60.9	2.6	1.9	1.9	27.4	2.53	4.07	0.22	19
1096726	Soil		0.13	4.16	13.37	7.5	33	8.9	4.8	1337	1.83	39.3	0.9	<0.2	0.5	115.5	0.02	1.89	0.03	4
1096727	Soil		0.59	25.82	38.54	79.6	238	22.3	9.1	4650	7.53	68.6	2.1	2.5	1.1	27.1	0.39	3.60	0.21	21
1096728	Soil		0.52	15.52	21.23	85.9	139	12.7	5.9	1631	3.00	36.6	0.9	0.8	1.1	29.6	0.33	1.95	0.14	18
1096729	Soil		0.89	21.38	18.10	51.8	34	21.7	12.7	194	3.30	24.7	0.6	2.8	3.2	6.2	0.05	1.21	0.36	28
1096730	Soil		0.56	25.75	18.46	38.4	23	26.1	19.5	584	3.34	7.8	0.6	0.3	2.0	5.9	0.03	0.48	0.40	25
1096731	Soil		0.74	27.64	21.23	62.8	115	25.1	17.2	992	3.55	6.3	0.6	0.4	5.1	6.6	0.10	0.47	0.36	35
1096732	Soil		0.61	47.01	51.94	79.2	117	38.0	35.4	1168	4.62	6.7	0.7	<0.2	4.1	13.5	0.04	0.25	0.54	24
1096733	Soil		0.53	23.24	20.46	111.4	69	30.5	20.6	878	3.98	3.1	0.5	<0.2	4.6	9.9	0.11	0.24	0.38	36
1096734	Soil		0.52	22.17	20.56	64.0	153	23.2	13.4	567	3.62	4.9	0.5	<0.2	3.6	7.6	0.09	0.26	0.32	33
1096735	Soil		0.73	27.05	24.81	67.6	75	29.0	14.5	405	4.02	7.6	0.6	<0.2	4.9	7.8	0.04	0.42	0.34	35
1096736	Soil		1.62	61.11	121.9	137.1	641	44.7	57.0	3327	5.55	181.5	2.3	0.5	4.3	32.7	0.28	1.53	0.55	31
1096737	Soil		0.60	33.71	29.96	130.4	231	32.1	13.4	359	4.07	11.1	1.2	0.3	2.8	81.3	0.18	0.47	0.40	20
1096738	Soil		0.72	44.00	72.19	121.3	203	29.6	25.0	2502	4.84	26.4	1.6	0.8	3.1	60.0	0.21	0.73	0.48	30
1096739	Soil		0.87	37.06	39.60	105.6	103	36.7	15.7	606	4.69	13.8	1.1	0.3	2.8	15.2	0.15	0.58	0.40	29
1096740	Soil		0.71	41.59	23.12	112.6	505	30.3	13.1	255	3.21	8.3	2.3	1.1	2.9	354.4	0.41	0.35	0.37	15
1096741	Soil		1.20	50.15	54.13	125.6	1202	69.0	33.5	928	5.44	107.1	1.9	1.2	4.1	67.6	0.12	0.97	0.43	27
1096742	Soil		0.66	26.67	32.35	125.1	156	37.8	15.5	665	3.81	7.9	0.9	<0.2	3.8	22.4	0.17	0.40	0.36	19



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Part 2

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1098899	Soil	9.1	16.9	0.18	193.4	0.004	9	0.92	0.004	0.20	<0.1	2.6	0.14	0.08	22	0.5	<0.02	2.8	2.01	<0.1
1098900	Soil	20.1	22.0	0.34	178.6	0.006	6	1.15	0.005	0.13	<0.1	3.5	0.13	0.08	63	1.1	0.02	3.4	1.92	<0.1
1096715	Soil	4.6	27.3	0.37	96.9	0.004	5	1.74	0.004	0.12	<0.1	2.9	0.11	0.03	22	0.4	0.07	6.6	4.60	<0.1
1096716	Soil	8.7	26.7	0.59	84.3	0.003	4	1.90	0.007	0.15	<0.1	13.8	0.12	0.05	30	0.7	0.06	5.1	6.04	<0.1
1096717	Soil	12.1	24.7	0.47	141.7	0.003	5	1.60	0.007	0.11	<0.1	14.1	0.12	0.08	79	1.1	0.11	4.1	5.73	<0.1
1096718	Soil	8.1	23.9	0.38	83.5	0.002	4	1.53	0.006	0.10	<0.1	7.0	0.14	0.06	43	0.6	0.12	4.0	3.29	<0.1
1096719	Soil	5.4	29.8	0.55	155.3	0.001	5	1.81	0.007	0.13	<0.1	7.1	0.15	<0.02	62	0.6	0.12	5.5	2.12	<0.1
1096720	Soil	3.6	17.0	0.12	77.5	0.003	2	0.92	0.003	0.12	<0.1	2.1	0.10	0.03	41	0.4	0.06	3.8	2.26	<0.1
1096721	Soil	5.6	24.8	0.25	105.1	0.007	2	1.41	0.011	0.12	<0.1	3.2	0.13	0.12	69	0.5	0.04	3.8	2.27	<0.1
1096722	Soil	23.0	18.0	0.28	109.3	0.003	2	0.95	0.005	0.08	0.1	5.0	0.10	0.05	223	0.9	0.04	2.4	0.84	0.1
1096723	Soil	11.1	10.7	0.28	94.1	0.002	5	0.39	0.007	0.08	<0.1	2.0	0.11	0.09	443	1.0	<0.02	1.1	0.45	<0.1
1096724	Soil	11.8	15.1	0.66	113.9	0.003	2	0.85	0.006	0.06	0.1	2.8	0.07	0.04	386	1.0	0.07	2.1	0.49	<0.1
1096725	Soil	11.3	12.9	4.68	78.2	0.003	3	0.67	0.012	0.07	0.1	2.0	0.17	0.02	404	0.9	0.14	1.6	0.33	<0.1
1096726	Soil	2.1	3.4	9.12	30.2	<0.001	2	0.49	0.005	<0.01	<0.1	0.9	0.65	<0.02	259	0.1	0.02	0.7	0.06	<0.1
1096727	Soil	14.1	13.1	3.57	127.5	0.004	7	0.82	0.008	0.07	<0.1	2.0	0.21	0.07	499	1.2	0.10	1.8	0.32	<0.1
1096728	Soil	7.4	11.1	4.93	76.8	0.005	4	0.68	0.009	0.05	<0.1	1.5	0.09	<0.02	269	0.6	0.10	1.7	0.36	<0.1
1096729	Soil	6.8	17.9	0.27	78.3	0.008	2	1.15	0.002	0.11	<0.1	3.1	0.13	<0.02	60	0.4	0.05	3.4	3.43	<0.1
1096730	Soil	5.5	25.7	0.26	162.0	0.012	7	0.93	0.003	0.31	0.2	2.6	0.16	<0.02	30	0.5	0.11	3.2	4.88	<0.1
1096731	Soil	8.5	29.4	0.30	114.5	0.003	4	2.02	<0.001	0.23	<0.1	3.1	0.15	<0.02	32	0.4	0.02	5.7	1.70	<0.1
1096732	Soil	5.7	24.6	0.28	140.0	0.002	2	1.67	0.002	0.21	<0.1	4.3	0.12	0.04	24	0.5	<0.02	5.8	2.51	<0.1
1096733	Soil	7.6	37.4	0.44	194.1	0.003	3	2.21	<0.001	0.34	<0.1	3.7	0.16	<0.02	15	0.3	0.06	8.2	1.33	<0.1
1096734	Soil	8.7	30.0	0.34	161.9	0.004	2	1.72	0.001	0.26	<0.1	2.8	0.14	<0.02	21	0.2	0.04	6.6	1.16	<0.1
1096735	Soil	9.6	32.5	0.44	81.1	0.007	3	1.77	0.003	0.19	<0.1	3.4	0.13	<0.02	15	0.3	0.04	6.3	2.24	<0.1
1096736	Soil	7.2	27.8	0.60	239.8	0.002	6	2.09	0.004	0.12	<0.1	14.8	0.27	0.06	188	1.1	0.11	5.3	7.37	<0.1
1096737	Soil	8.3	17.8	0.38	155.6	0.002	3	1.37	0.005	0.09	<0.1	5.1	0.13	0.07	40	0.6	0.09	3.7	1.71	<0.1
1096738	Soil	11.1	26.9	0.42	302.8	0.002	3	2.04	0.003	0.10	<0.1	8.7	0.14	0.09	36	0.8	0.04	5.7	3.70	<0.1
1096739	Soil	7.7	26.0	0.42	95.3	0.002	2	1.73	0.003	0.09	<0.1	4.3	0.13	0.04	27	0.8	0.14	5.0	2.45	<0.1
1096740	Soil	7.3	14.8	0.28	149.5	0.001	5	0.91	0.005	0.11	<0.1	3.8	0.15	0.07	187	1.1	0.15	2.3	0.66	<0.1
1096741	Soil	10.7	28.9	0.46	188.6	0.001	3	2.14	0.003	0.10	<0.1	7.3	0.16	0.04	133	1.2	0.12	4.2	2.88	<0.1
1096742	Soil	9.0	16.4	0.22	129.2	0.002	3	1.35	0.004	0.10	<0.1	4.7	0.15	0.04	69	0.6	0.06	3.0	2.51	<0.1



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1098899	Soil	0.47	16.5	0.9	<0.05	3.8	6.72	21.0	0.03	1	0.7	8.6	<10
1098900	Soil	0.46	15.5	0.8	<0.05	2.8	16.65	35.0	0.02	<1	0.9	15.2	<10
1096715	Soil	0.25	18.2	1.4	<0.05	1.5	4.68	11.6	0.04	1	1.4	37.8	<10
1096716	Soil	0.10	15.9	1.7	<0.05	3.8	29.87	32.7	0.06	1	1.9	45.8	<10
1096717	Soil	0.18	13.1	2.2	<0.05	3.4	39.04	26.7	0.06	1	1.8	34.9	<10
1096718	Soil	0.17	10.8	3.0	<0.05	2.1	19.89	28.2	0.04	2	1.2	36.8	<10
1096719	Soil	0.11	9.9	2.7	<0.05	5.5	12.09	12.2	0.06	2	1.1	53.9	<10
1096720	Soil	0.18	18.9	1.8	<0.05	0.7	2.82	8.0	0.02	<1	0.4	7.6	<10
1096721	Soil	0.48	12.3	1.2	<0.05	0.8	3.42	14.0	0.06	<1	0.6	18.9	<10
1096722	Soil	0.20	8.2	1.0	<0.05	2.3	23.97	48.9	0.04	3	1.2	7.3	<10
1096723	Soil	0.16	4.4	1.0	<0.05	1.8	12.95	25.3	0.02	<1	0.4	2.3	<10
1096724	Soil	0.18	4.5	1.1	<0.05	2.2	12.80	26.5	0.04	<1	0.9	5.7	<10
1096725	Soil	0.10	3.0	2.6	<0.05	2.2	16.46	24.2	0.02	<1	0.5	3.7	<10
1096726	Soil	<0.02	0.3	1.3	<0.05	1.3	7.26	5.6	<0.02	<1	0.6	0.7	<10
1096727	Soil	0.11	3.8	2.0	<0.05	1.7	18.01	27.1	0.02	<1	0.5	4.0	<10
1096728	Soil	0.14	3.7	1.4	<0.05	1.3	9.43	14.9	<0.02	<1	0.6	5.1	<10
1096729	Soil	0.42	11.5	2.3	<0.05	1.0	3.30	20.1	0.02	<1	0.8	11.8	<10
1096730	Soil	0.29	25.1	4.3	<0.05	0.2	2.86	15.1	0.03	<1	1.2	7.1	<10
1096731	Soil	0.40	17.9	2.2	<0.05	1.4	3.84	22.1	0.03	<1	1.0	29.3	<10
1096732	Soil	0.16	15.4	5.8	<0.05	1.7	7.90	15.8	0.02	<1	1.9	27.1	<10
1096733	Soil	0.24	26.2	2.6	<0.05	1.8	3.45	20.3	0.04	<1	1.3	36.0	<10
1096734	Soil	0.50	22.1	2.4	<0.05	1.2	2.66	19.9	0.03	<1	1.3	25.6	<10
1096735	Soil	0.38	17.4	2.6	<0.05	1.4	4.26	24.9	0.03	<1	1.1	35.6	<10
1096736	Soil	0.14	15.0	2.6	<0.05	6.5	35.35	20.7	0.04	<1	2.4	56.3	<10
1096737	Soil	0.23	9.9	1.7	<0.05	4.5	16.67	24.0	0.04	<1	1.3	26.0	<10
1096738	Soil	0.16	13.7	1.8	<0.05	4.2	33.69	29.0	0.06	1	2.1	40.8	<10
1096739	Soil	0.33	11.4	2.9	<0.05	2.2	9.53	26.4	0.04	<1	1.2	41.1	<10
1096740	Soil	0.15	5.6	3.4	<0.05	4.9	20.88	18.5	0.04	<1	1.5	16.9	10
1096741	Soil	0.08	11.2	2.3	<0.05	10.5	36.07	33.9	0.05	3	2.0	53.1	<10
1096742	Soil	0.16	10.8	1.3	<0.05	1.8	13.19	27.7	0.04	<1	1.6	23.5	<10



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1097312	Soil	5.59	8.98	435.4	1949	517	6.9	3.1	960	5.05	20.6	1.5	0.8	0.7	95.0	1.96	5.03	0.09	10	12.11
1097313	Soil	2.28	16.04	212.0	732.5	294	21.2	9.2	1132	3.56	16.4	1.6	0.8	1.8	27.1	0.74	1.21	0.22	31	1.67
1097314	Soil	1.26	21.02	54.47	272.1	337	23.4	8.2	371	2.65	21.1	2.8	2.5	2.2	94.0	0.80	1.55	0.21	25	1.42
1097315	Soil	1.23	30.50	59.68	188.4	403	29.1	10.5	492	3.05	28.5	1.5	5.8	4.0	70.8	0.63	1.51	0.20	30	1.06
1097316	Soil	0.47	20.13	15.47	91.4	78	26.6	9.0	182	2.22	3.1	2.3	0.8	3.8	49.7	0.15	0.32	0.17	21	0.95
1097317	Soil	0.33	41.38	17.53	101.6	119	31.0	9.2	229	2.19	3.9	4.8	2.3	2.7	57.8	0.14	0.38	0.26	21	1.60
1097318	Soil	2.05	18.28	38.58	176.9	117	27.8	11.1	489	3.49	15.9	1.5	<0.2	3.5	21.1	0.42	1.56	0.27	45	0.91
1097319	Soil	2.16	14.98	26.58	114.4	191	20.6	7.6	554	2.50	14.0	2.2	<0.2	1.3	34.3	0.47	0.83	0.23	53	4.14
1097320	Soil	1.92	16.09	18.06	85.8	128	21.4	7.2	321	2.09	10.2	1.7	0.6	1.0	64.3	0.42	0.70	0.16	31	5.23
1097321	Soil	2.50	14.00	23.18	109.9	91	19.6	6.8	297	1.93	13.3	1.2	0.3	1.3	89.3	0.32	0.43	0.13	22	7.84
1097322	Soil	1.38	24.27	48.82	230.2	101	24.8	10.9	574	2.54	9.5	1.4	<0.2	3.2	74.3	0.42	0.55	0.21	16	4.07
1098301	Soil	0.67	21.72	39.66	162.2	235	21.2	7.3	2634	5.74	40.3	1.9	1.1	1.6	19.9	0.52	2.18	0.24	27	4.10
1098302	Soil	0.50	12.13	21.43	47.6	117	12.9	6.1	2048	2.87	23.4	0.6	<0.2	0.7	22.4	0.21	1.41	0.11	17	5.19
1098303	Soil	0.68	18.39	55.34	187.0	180	20.6	9.6	701	2.37	15.4	0.7	0.5	2.2	25.6	0.29	0.89	0.21	23	6.13
1098304	Soil	1.74	31.21	22.56	77.5	61	26.8	13.2	1936	3.98	19.9	0.9	1.5	2.7	13.2	0.17	0.82	0.32	35	0.85
1098305	Soil	0.67	22.49	25.61	62.0	195	14.6	3.0	199	2.91	6.1	0.8	0.6	2.7	10.7	0.16	0.37	0.38	16	0.58
1098306	Soil	1.01	17.36	21.24	73.4	209	19.2	8.7	426	4.04	7.2	0.8	0.7	3.7	8.4	0.17	0.45	0.30	43	0.08
1098307	Soil	0.57	12.50	21.51	50.5	129	16.1	6.8	1677	2.57	15.2	0.6	3.5	1.0	20.8	0.34	1.16	0.21	21	4.86
1098308	Soil	0.67	22.64	19.92	47.4	139	16.7	9.6	388	3.06	9.3	0.5	0.9	2.3	4.7	0.07	0.42	0.35	29	0.04
1098309	Soil	0.71	8.90	17.05	35.2	57	9.7	4.6	781	3.64	4.6	0.4	1.4	2.1	3.6	0.17	0.28	0.18	23	0.11
1098310	Soil	0.66	15.34	17.37	45.1	100	11.5	6.5	237	3.08	5.6	0.3	0.7	3.2	3.9	0.07	0.30	0.34	33	0.03
1098311	Soil	0.96	18.35	22.04	73.5	186	18.8	7.6	269	3.68	6.5	0.4	1.5	3.2	6.4	0.10	0.45	0.35	43	0.05
1098312	Soil	0.74	32.67	54.19	76.7	233	23.4	13.2	1607	2.50	6.9	1.1	1.5	1.1	100.2	0.19	0.31	0.28	13	1.87
1098313	Soil	0.58	28.78	31.91	83.9	126	24.0	10.3	654	3.21	7.7	1.1	1.1	2.0	82.3	0.13	0.41	0.34	20	1.37
1098314	Soil	0.85	27.25	34.72	89.0	118	21.4	12.5	663	4.02	9.8	0.7	0.4	0.8	7.1	0.16	0.54	0.37	29	0.04
1098315	Soil	0.68	24.71	39.37	100.3	158	19.1	20.1	1510	3.93	8.6	0.7	1.1	0.5	16.1	0.33	0.42	0.40	22	0.19
1098049	Soil	0.66	19.14	41.38	99.2	191	24.0	8.4	1401	3.50	32.3	1.4	1.7	1.5	10.3	0.38	1.91	0.23	20	0.86
1098067	Soil	0.52	15.44	35.03	81.3	142	16.5	6.1	456	2.42	14.5	1.3	10.3	2.6	16.8	0.11	0.90	0.22	19	0.63
1098068	Soil	0.72	14.49	28.13	105.3	104	17.2	6.5	1746	4.83	22.2	1.3	0.8	2.2	10.7	0.31	1.21	0.27	35	0.80
1098069	Soil	0.58	25.28	47.93	110.4	131	19.7	10.9	2685	4.48	48.9	1.0	1.0	2.3	10.1	0.32	3.13	0.26	19	1.61



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1097312	Soil	3.6	8.3	6.35	40.7	0.002	3	0.31	0.010	0.03	<0.1	1.1	2.97	<0.02	1433	0.7	0.02	1.0	0.50	<0.1
1097313	Soil	10.2	22.4	0.93	103.6	0.007	5	1.32	0.008	0.09	0.1	2.6	0.65	0.07	537	0.6	0.03	3.6	7.32	<0.1
1097314	Soil	14.8	18.3	0.30	81.7	0.006	4	0.81	0.006	0.09	0.1	3.7	0.26	0.05	634	0.9	<0.02	2.5	3.40	<0.1
1097315	Soil	21.7	27.0	0.52	100.8	0.004	5	0.79	0.004	0.12	<0.1	6.6	0.34	0.04	478	1.3	0.04	2.4	5.22	<0.1
1097316	Soil	21.6	35.2	1.43	430.6	0.004	5	1.41	0.004	0.09	<0.1	4.7	0.08	0.06	64	1.2	<0.02	4.4	1.60	<0.1
1097317	Soil	14.0	29.4	0.80	216.3	0.005	4	1.50	0.005	0.09	<0.1	4.5	0.09	0.07	93	1.2	<0.02	4.4	2.54	<0.1
1097318	Soil	15.9	27.9	0.57	147.5	0.004	3	1.56	0.003	0.12	0.1	3.7	0.22	0.03	720	0.4	<0.02	4.3	1.66	<0.1
1097319	Soil	17.3	23.6	1.70	125.9	0.006	4	1.26	0.006	0.08	0.1	2.6	0.21	0.07	118	0.5	0.08	3.7	1.18	<0.1
1097320	Soil	13.0	19.2	1.95	138.5	0.005	8	0.94	0.008	0.12	<0.1	2.3	0.22	0.09	80	0.7	0.04	2.5	1.04	<0.1
1097321	Soil	11.4	16.2	3.40	103.6	0.004	8	0.71	0.009	0.13	<0.1	2.4	0.25	0.05	707	0.6	0.05	2.0	1.15	<0.1
1097322	Soil	9.7	17.1	1.92	99.1	0.002	6	0.79	0.005	0.15	<0.1	2.9	0.34	0.04	846	0.6	0.05	2.2	3.05	<0.1
1098301	Soil	16.3	17.9	1.94	149.6	0.004	5	1.07	0.006	0.08	0.1	2.6	0.15	0.11	284	0.8	0.07	2.6	0.33	<0.1
1098302	Soil	7.2	11.2	2.60	89.0	0.003	5	0.73	0.006	0.04	<0.1	1.2	0.09	0.06	109	0.8	0.04	1.6	0.26	<0.1
1098303	Soil	11.3	15.1	3.29	71.8	0.004	4	0.86	0.010	0.09	0.1	3.0	0.10	0.04	269	0.7	0.06	2.2	0.73	<0.1
1098304	Soil	7.8	22.1	0.59	161.1	0.007	4	1.18	0.004	0.19	0.1	3.4	0.16	0.03	46	0.3	0.03	3.8	1.59	<0.1
1098305	Soil	6.2	15.4	0.23	117.6	0.002	2	1.04	0.005	0.09	<0.1	3.6	0.10	0.07	55	0.6	0.04	3.2	1.31	<0.1
1098306	Soil	10.1	29.8	0.30	90.6	0.006	3	1.70	0.002	0.09	<0.1	2.4	0.08	<0.02	24	0.4	<0.02	6.2	1.05	<0.1
1098307	Soil	8.5	13.8	2.70	79.8	0.007	3	0.93	0.006	0.05	<0.1	1.4	0.11	<0.02	146	0.4	0.03	2.1	0.43	<0.1
1098308	Soil	6.9	16.4	0.14	99.9	0.005	2	1.03	0.001	0.17	<0.1	1.7	0.11	<0.02	25	0.1	0.03	4.7	0.76	<0.1
1098309	Soil	4.5	10.5	0.08	85.4	0.003	2	0.68	0.002	0.08	<0.1	1.1	0.07	<0.02	23	0.1	0.03	2.6	0.46	<0.1
1098310	Soil	6.4	18.1	0.16	87.0	0.003	1	1.39	<0.001	0.13	<0.1	1.8	0.12	<0.02	25	0.1	0.04	6.0	1.10	<0.1
1098311	Soil	7.9	28.6	0.32	100.1	0.005	1	1.71	0.002	0.12	<0.1	2.1	0.10	<0.02	24	0.1	0.02	6.6	1.04	<0.1
1098312	Soil	5.7	18.9	0.40	102.2	0.003	6	1.06	0.011	0.08	<0.1	4.8	0.09	0.12	103	0.4	0.05	3.1	1.97	<0.1
1098313	Soil	8.6	22.0	0.37	102.7	0.003	4	1.50	0.006	0.09	<0.1	4.0	0.09	0.12	28	0.3	0.03	4.4	1.79	<0.1
1098314	Soil	4.3	23.3	0.28	78.8	0.004	2	1.62	<0.001	0.11	<0.1	1.2	0.11	0.06	30	0.3	0.07	4.8	2.58	<0.1
1098315	Soil	3.5	19.9	0.24	133.0	0.003	2	1.17	0.003	0.11	<0.1	0.7	0.10	0.09	24	0.3	0.05	3.4	2.19	<0.1
1098049	Soil	13.3	15.0	0.41	88.0	0.004	2	0.74	0.003	0.07	0.1	2.1	0.12	0.04	173	0.4	0.04	1.9	0.41	<0.1
1098067	Soil	13.6	15.3	0.36	75.7	0.002	2	1.50	<0.001	0.06	<0.1	2.6	0.07	0.05	180	0.2	0.05	2.8	0.29	<0.1
1098068	Soil	16.2	22.9	0.40	161.6	0.008	3	1.60	0.003	0.09	<0.1	3.0	0.13	0.07	94	0.3	0.07	3.8	0.75	<0.1
1098069	Soil	12.7	12.8	0.78	142.3	0.004	5	0.87	0.006	0.10	<0.1	3.1	0.15	0.07	233	0.5	0.07	2.2	0.32	<0.1



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1097312	Soil	0.06	2.9	2.0	<0.05	1.0	5.48	6.9	<0.02	<1	0.4	3.2	<10
1097313	Soil	0.37	11.8	5.9	<0.05	2.0	10.85	20.6	<0.02	<1	1.2	13.7	<10
1097314	Soil	0.30	10.4	1.6	<0.05	2.3	12.10	27.4	<0.02	2	0.7	8.4	<10
1097315	Soil	0.19	10.6	2.2	<0.05	2.7	16.23	39.9	0.04	<1	1.2	11.1	<10
1097316	Soil	0.36	8.1	2.8	<0.05	4.8	14.37	42.9	0.03	<1	0.8	29.6	<10
1097317	Soil	0.50	8.3	1.7	<0.05	5.0	16.75	25.8	0.03	<1	1.3	31.7	<10
1097318	Soil	0.44	13.2	3.0	<0.05	2.2	10.63	34.3	0.02	<1	1.0	17.7	<10
1097319	Soil	0.57	9.0	1.1	<0.05	1.8	16.55	30.6	0.03	<1	0.7	10.7	<10
1097320	Soil	0.48	9.5	1.9	<0.05	2.5	12.60	23.3	0.02	1	0.9	8.2	<10
1097321	Soil	0.30	8.4	1.6	<0.05	2.2	11.17	23.4	<0.02	3	0.8	6.9	<10
1097322	Soil	0.17	10.4	4.5	<0.05	3.2	9.21	22.7	<0.02	<1	1.1	14.0	<10
1098301	Soil	0.26	4.4	2.6	<0.05	2.3	24.83	26.2	0.02	2	0.9	4.8	<10
1098302	Soil	0.11	3.2	2.0	<0.05	1.1	13.98	16.2	0.02	<1	0.4	3.7	<10
1098303	Soil	0.27	4.7	2.7	<0.05	1.8	10.46	20.0	<0.02	<1	0.6	7.0	<10
1098304	Soil	0.38	14.8	5.0	<0.05	0.7	4.49	22.2	<0.02	<1	1.4	10.1	<10
1098305	Soil	0.28	8.9	1.9	<0.05	3.5	7.48	12.2	0.04	<1	0.7	11.2	<10
1098306	Soil	0.83	11.8	3.1	<0.05	2.0	3.13	23.7	<0.02	2	0.7	29.1	<10
1098307	Soil	0.20	4.3	1.4	<0.05	0.8	8.07	17.5	0.03	<1	0.6	6.6	<10
1098308	Soil	0.51	12.9	1.7	<0.05	0.3	2.53	15.4	0.02	<1	0.5	6.3	<10
1098309	Soil	0.34	8.4	1.8	<0.05	0.4	1.84	11.0	0.03	<1	0.3	3.5	<10
1098310	Soil	0.32	15.4	1.3	<0.05	0.8	2.15	13.9	0.02	<1	0.4	12.2	<10
1098311	Soil	0.53	12.5	3.4	<0.05	1.0	2.48	16.6	0.03	<1	0.7	31.7	<10
1098312	Soil	0.27	5.7	6.1	<0.05	2.5	25.23	13.5	0.04	<1	1.2	28.8	<10
1098313	Soil	0.37	10.1	3.0	<0.05	2.4	15.77	25.4	0.03	<1	1.0	34.0	<10
1098314	Soil	0.29	11.6	1.5	<0.05	1.1	3.74	11.7	0.04	<1	0.8	24.8	<10
1098315	Soil	0.15	9.3	2.7	<0.05	0.7	3.56	10.0	0.04	<1	0.7	14.9	<10
1098049	Soil	0.14	4.5	1.1	<0.05	0.7	13.27	30.9	0.02	<1	0.7	4.5	<10
1098067	Soil	0.24	4.1	2.4	<0.05	2.4	14.04	30.9	0.03	<1	0.8	5.6	<10
1098068	Soil	0.44	9.5	2.7	<0.05	1.8	17.81	21.7	0.03	<1	0.9	9.5	<10
1098069	Soil	0.19	5.0	2.1	<0.05	2.3	14.16	28.2	<0.02	<1	0.7	4.6	<10



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	Method Analyte	Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
			ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2
1098070	Soil		0.61	19.34	22.42	77.8	94	18.7	9.3	855	2.79	15.8	0.5	0.5	1.9	11.5	0.17	0.87	0.30	24
1098071	Soil		0.80	25.20	31.50	93.2	288	21.6	11.6	807	3.82	6.4	1.0	1.0	1.5	10.6	0.31	0.31	0.44	35
1098072	Soil		0.79	22.51	25.25	67.2	55	25.7	10.7	589	3.32	5.1	0.6	1.3	4.0	16.0	0.08	0.33	0.29	31
1098073	Soil		0.50	14.21	17.74	38.7	22	13.5	13.6	635	2.96	13.5	0.5	0.3	0.9	4.7	0.10	0.67	0.31	22
1098074	Soil		0.65	22.35	21.10	59.2	192	23.3	10.7	399	3.38	7.6	0.5	0.7	4.3	5.1	0.06	0.38	0.32	31
1098075	Soil		0.92	20.42	26.83	56.2	161	22.0	10.5	459	3.73	6.6	0.6	1.3	4.6	4.9	0.18	0.39	0.35	34
1098076	Soil		0.75	34.81	44.60	117.6	269	25.5	22.2	1659	4.29	5.6	0.5	0.6	3.1	9.5	0.14	0.27	0.45	36
1098077	Soil		0.59	40.68	49.64	101.1	237	32.8	17.0	750	4.19	14.1	1.1	1.2	3.5	52.2	0.11	0.50	0.39	23
1098078	Soil		0.41	34.17	49.34	90.8	163	26.4	16.0	1439	3.49	13.1	1.8	0.7	2.5	65.4	0.14	0.54	0.39	19
1098079	Soil		0.75	28.27	24.63	106.5	167	21.2	10.1	609	3.55	7.7	0.7	0.3	0.9	80.1	0.26	0.45	0.38	27
1098080	Soil		0.77	22.56	36.20	82.7	123	15.8	11.1	1776	3.77	6.5	0.6	0.4	0.5	8.4	0.28	0.40	0.26	26
1098081	Soil		0.57	18.95	45.19	41.7	207	5.2	2.2	71	6.18	7.9	0.3	<0.2	6.9	10.7	0.02	0.25	0.71	15
1097953	Soil		0.50	21.22	27.58	101.9	69	28.1	11.6	386	3.65	6.0	0.7	1.1	3.9	12.0	0.10	0.30	0.41	18
1097954	Soil		0.51	17.20	30.90	109.3	473	22.2	7.2	1033	2.62	5.6	1.5	1.0	0.7	93.1	0.30	0.31	0.26	20
1097955	Soil		0.78	17.70	21.14	71.6	218	23.6	8.7	426	2.70	7.7	1.3	1.4	2.3	33.4	0.15	0.51	0.23	31
1097956	Soil		0.90	21.49	26.82	91.8	334	28.6	10.0	443	2.76	9.9	1.0	2.5	2.6	51.4	0.29	0.75	0.27	28
1097957	Soil		0.64	19.09	35.91	93.3	161	27.0	10.3	487	2.90	11.1	1.3	0.3	2.3	54.9	0.26	0.80	0.30	27
1097958	Soil		0.57	18.55	34.38	37.5	231	27.8	10.4	1101	2.29	24.9	1.2	1.9	2.2	47.1	0.12	2.34	0.22	15
1097959	Soil		0.61	27.34	57.97	118.5	312	30.6	17.8	2158	2.91	16.8	1.5	0.8	1.4	107.4	0.55	1.53	0.27	16
1097960	Soil		0.61	17.53	23.99	52.6	234	15.5	7.0	911	2.33	7.3	2.0	0.8	0.6	108.1	0.39	0.73	0.22	27
1097961	Soil		0.55	26.24	27.27	65.1	24	21.6	14.6	501	3.37	7.6	0.5	0.4	3.2	8.6	0.10	0.56	0.33	24
1097962	Soil		0.87	29.18	30.48	134.5	185	31.3	13.0	656	3.04	8.8	1.5	2.7	2.9	67.7	0.35	0.61	0.29	27
1097963	Soil		0.74	26.56	40.78	92.5	78	27.2	15.5	700	4.02	6.5	0.9	0.6	5.8	15.3	0.12	0.34	0.38	25
1097964	Soil		0.72	26.19	37.39	48.2	62	28.1	18.0	1391	3.53	5.3	1.3	2.1	4.7	21.5	0.17	0.46	0.36	25
1097965	Soil		0.67	21.09	23.69	56.3	130	18.0	9.0	326	3.67	5.5	0.5	1.4	3.6	5.2	0.09	0.34	0.33	33
1097966	Soil		0.76	24.63	24.43	88.1	56	33.5	15.8	378	3.81	7.4	0.7	1.8	4.7	6.1	0.11	0.42	0.29	31
1097967	Soil		1.01	19.67	26.97	70.5	118	19.6	11.2	382	3.88	6.1	0.5	1.0	3.6	5.4	0.08	0.47	0.31	48
1097968	Soil		0.81	23.08	16.37	55.0	85	8.4	9.0	643	2.69	3.4	0.5	1.0	3.8	5.6	0.18	0.32	0.33	47
1097969	Soil		0.66	12.41	14.46	96.9	35	17.6	7.2	218	3.07	5.4	0.5	1.3	3.4	4.7	0.07	0.30	0.22	34
1097970	Soil		0.65	13.67	17.10	68.1	117	16.2	6.1	276	2.57	3.6	0.6	0.7	3.4	8.3	0.07	0.20	0.26	37



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La ppm 0.5	Cr ppm 0.5	Mg % 0.01	Ba ppm 0.5	Ti % 0.001	B ppm 1	Al % 0.01	Na % 0.001	K % 0.01	W ppm 0.1	Sc ppm 0.1	Ti ppm 0.02	S % 0.02	Hg ppb 5	Se ppm 0.1	Te ppm 0.02	Ga ppm 0.1	Cs ppm 0.02	Ge ppm 0.1
1098070	Soil	10.2	16.6	1.12	117.8	0.005	6	1.03	0.005	0.16	<0.1	2.8	0.12	0.04	77	0.2	0.03	2.8	1.63	<0.1
1098071	Soil	9.5	30.9	0.25	238.9	0.004	3	1.72	0.003	0.18	<0.1	1.8	0.15	0.05	36	0.2	0.04	7.1	1.69	<0.1
1098072	Soil	9.0	29.6	0.42	142.1	0.003	<1	1.75	0.004	0.09	<0.1	3.3	0.09	<0.02	39	0.1	0.03	5.4	0.98	<0.1
1098073	Soil	4.6	12.9	0.12	164.0	0.005	3	0.84	0.003	0.18	0.1	1.7	0.11	0.03	43	0.2	0.07	2.9	3.04	<0.1
1098074	Soil	7.7	24.3	0.32	90.2	0.004	2	1.61	0.001	0.15	<0.1	2.4	0.13	<0.02	40	0.2	0.03	5.4	1.23	<0.1
1098075	Soil	9.6	27.6	0.29	117.7	0.006	2	1.68	0.002	0.21	<0.1	2.4	0.13	<0.02	29	0.3	0.03	5.7	1.41	<0.1
1098076	Soil	6.7	32.1	0.28	159.7	0.002	1	2.00	0.004	0.16	<0.1	3.1	0.12	0.03	47	0.2	0.03	7.8	1.62	<0.1
1098077	Soil	11.1	23.9	0.53	128.0	0.003	4	1.66	0.005	0.08	<0.1	7.7	0.12	0.06	63	0.3	0.05	4.8	3.49	<0.1
1098078	Soil	15.1	21.7	0.41	130.9	0.003	6	1.57	0.005	0.13	<0.1	7.8	0.09	0.13	65	0.4	0.06	4.2	2.31	<0.1
1098079	Soil	3.8	22.2	0.28	115.8	0.005	3	1.19	0.004	0.12	<0.1	1.7	0.09	0.09	15	0.4	0.07	4.9	1.78	<0.1
1098080	Soil	3.0	20.5	0.20	124.6	0.004	2	1.18	0.004	0.09	<0.1	0.7	0.11	0.09	59	0.4	0.03	4.1	3.27	<0.1
1098081	Soil	2.8	16.3	0.05	77.5	<0.001	2	0.67	0.004	0.09	<0.1	3.3	0.24	0.04	37	0.5	0.04	3.6	3.35	<0.1
1097953	Soil	6.8	19.7	0.29	91.9	0.004	3	1.37	0.003	0.12	<0.1	2.9	0.14	0.02	24	0.2	<0.02	4.0	2.47	<0.1
1097954	Soil	11.7	16.4	0.15	204.4	0.003	4	1.13	0.010	0.09	<0.1	1.3	0.08	0.11	196	0.6	<0.02	3.1	0.50	<0.1
1097955	Soil	17.8	20.7	0.31	133.0	0.006	2	1.38	0.004	0.07	<0.1	3.0	0.12	0.03	187	0.3	0.02	3.5	0.78	<0.1
1097956	Soil	15.2	21.0	1.18	138.9	0.012	5	1.11	0.009	0.12	0.1	3.1	0.18	0.04	219	0.5	<0.02	3.1	0.94	<0.1
1097957	Soil	14.6	20.7	0.25	123.4	0.003	3	1.42	0.006	0.10	<0.1	3.2	0.13	0.04	71	0.7	0.03	3.7	0.69	<0.1
1097958	Soil	10.0	12.5	2.33	64.0	0.001	4	0.78	0.004	0.09	<0.1	2.4	0.08	0.03	93	0.5	0.04	1.8	0.25	<0.1
1097959	Soil	24.2	15.0	0.49	124.2	0.002	4	1.28	0.008	0.10	<0.1	1.8	0.08	0.07	168	0.8	0.06	2.6	0.24	<0.1
1097960	Soil	19.5	18.4	0.36	113.1	0.007	3	1.40	0.009	0.06	<0.1	1.3	0.07	0.14	156	0.6	0.06	3.1	0.63	<0.1
1097961	Soil	6.6	21.7	0.32	63.3	0.003	2	1.50	0.003	0.12	<0.1	2.6	0.10	<0.02	42	0.2	0.05	5.0	1.16	<0.1
1097962	Soil	13.0	22.0	0.45	129.6	0.003	5	1.35	0.008	0.19	<0.1	3.2	0.12	0.05	87	0.3	0.02	3.8	0.61	<0.1
1097963	Soil	11.6	22.7	0.28	141.5	0.005	4	1.60	0.003	0.23	<0.1	3.9	0.14	0.04	29	0.2	0.02	4.7	1.80	<0.1
1097964	Soil	14.2	23.4	0.24	172.3	0.002	3	1.38	0.003	0.18	<0.1	4.9	0.17	0.04	33	0.2	0.03	4.7	0.83	<0.1
1097965	Soil	7.9	25.4	0.23	83.3	0.004	3	1.40	0.002	0.15	<0.1	2.5	0.16	<0.02	33	0.1	0.02	6.2	1.41	<0.1
1097966	Soil	10.4	33.6	0.69	76.1	0.005	2	1.92	0.002	0.09	<0.1	2.6	0.13	<0.02	33	0.2	0.04	5.7	2.33	<0.1
1097967	Soil	8.3	31.7	0.34	103.2	0.005	1	1.95	0.003	0.08	0.1	2.5	0.16	<0.02	29	0.2	0.04	7.2	2.29	<0.1
1097968	Soil	9.1	19.6	0.09	112.7	0.003	<1	1.39	0.003	0.07	<0.1	1.9	0.13	<0.02	31	0.2	0.03	7.5	0.98	<0.1
1097969	Soil	8.8	25.5	0.46	71.8	0.005	1	1.51	0.001	0.07	<0.1	1.8	0.12	<0.02	15	0.1	0.04	6.0	1.38	<0.1
1097970	Soil	9.3	26.9	0.37	141.7	0.002	<1	1.92	0.003	0.07	<0.1	2.4	0.16	<0.02	20	<0.1	0.02	6.8	1.33	<0.1



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1098070	Soil	0.31	8.7	1.6	<0.05	1.7	10.88	19.0	0.02	<1	0.9	8.0	<10
1098071	Soil	0.41	20.7	5.5	<0.05	0.8	7.31	23.3	0.04	<1	1.0	9.7	<10
1098072	Soil	0.39	10.3	5.5	<0.05	1.6	6.52	20.3	0.03	<1	0.8	25.7	<10
1098073	Soil	0.25	14.3	1.8	<0.05	0.1	2.35	12.0	0.03	<1	1.2	6.1	<10
1098074	Soil	0.41	13.5	1.3	<0.05	1.2	3.25	20.1	0.03	<1	0.8	22.4	<10
1098075	Soil	0.56	16.9	4.0	<0.05	0.9	3.09	22.6	0.04	<1	0.8	23.5	<10
1098076	Soil	0.39	16.0	4.3	<0.05	1.3	5.72	18.6	0.05	<1	1.4	31.0	<10
1098077	Soil	0.22	7.9	1.4	<0.05	3.7	25.31	25.7	0.04	<1	1.1	44.4	<10
1098078	Soil	0.25	7.8	1.0	<0.05	2.9	35.49	36.9	0.05	<1	1.6	36.0	<10
1098079	Soil	0.34	16.3	2.2	<0.05	0.9	3.58	11.4	0.03	<1	0.6	19.8	<10
1098080	Soil	0.20	12.9	2.6	<0.05	0.4	2.72	8.7	0.03	<1	0.7	14.3	<10
1098081	Soil	0.02	10.5	1.9	<0.05	1.5	1.80	7.5	0.07	<1	0.4	4.7	<10
1097953	Soil	0.34	12.3	1.3	<0.05	1.3	5.34	20.3	0.03	<1	1.0	28.8	<10
1097954	Soil	0.31	7.0	1.1	<0.05	1.3	13.01	23.3	0.02	<1	1.0	9.6	<10
1097955	Soil	0.43	6.9	0.9	<0.05	1.6	13.63	47.3	0.03	<1	0.9	13.4	<10
1097956	Soil	0.51	8.1	2.7	<0.05	1.8	13.52	33.3	0.03	<1	0.7	12.7	<10
1097957	Soil	0.47	8.1	0.6	<0.05	1.3	11.86	39.4	0.03	<1	1.0	10.0	<10
1097958	Soil	0.15	4.6	2.9	<0.05	4.0	15.87	24.7	0.02	<1	0.6	4.0	<10
1097959	Soil	0.18	5.8	9.3	<0.05	2.1	27.43	44.2	0.04	<1	1.1	5.5	<10
1097960	Soil	0.61	7.9	1.6	<0.05	0.9	14.23	30.4	0.03	<1	0.9	8.0	<10
1097961	Soil	0.42	12.1	2.9	<0.05	1.0	3.16	17.4	0.03	<1	0.9	21.3	<10
1097962	Soil	0.45	10.0	2.3	<0.05	2.1	10.25	30.7	0.03	<1	1.0	17.2	<10
1097963	Soil	0.48	16.2	1.8	<0.05	1.2	7.89	31.5	0.04	<1	1.2	19.4	<10
1097964	Soil	0.37	16.0	5.4	<0.05	1.8	16.97	42.5	0.05	2	1.4	15.1	<10
1097965	Soil	0.62	19.0	1.9	<0.05	0.9	2.98	19.1	0.04	2	0.6	14.6	<10
1097966	Soil	0.39	12.4	1.8	<0.05	2.7	3.51	24.4	0.04	2	1.1	42.1	<10
1097967	Soil	0.91	16.9	4.5	<0.05	1.4	3.30	18.7	0.04	1	1.1	39.0	<10
1097968	Soil	0.50	15.4	1.3	<0.05	1.6	2.65	19.7	0.03	3	0.5	7.6	<10
1097969	Soil	0.35	14.5	2.3	<0.05	2.5	2.03	19.1	0.03	2	0.4	35.1	<10
1097970	Soil	0.47	13.5	1.9	<0.05	1.0	3.24	20.1	0.03	2	0.7	29.9	<10



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	Method Analyte	Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
			ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
			0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
1097971	Soil		0.99	43.77	75.01	104.6	129	28.1	24.8	899	4.55	20.1	1.4	1.0	4.4	9.5	0.07	0.51	0.38	20
1097972	Soil		1.29	30.54	62.34	44.5	345	7.7	2.8	87	7.11	14.9	0.5	1.2	5.7	6.2	0.04	0.76	0.57	27
1097973	Soil		1.28	17.21	121.7	50.0	281	11.2	4.0	60	4.26	23.9	1.8	0.8	6.0	216.5	0.05	1.16	0.44	13
1097974	Soil		1.39	41.14	79.50	259.8	282	151.5	47.3	5148	5.31	6.0	1.0	1.1	8.2	19.0	0.60	0.41	0.40	14
1097975	Soil		0.88	52.11	63.24	264.6	235	55.6	21.5	240	9.38	9.6	0.7	0.6	6.0	13.3	<0.01	0.32	0.60	23
1097976	Soil		0.78	31.26	55.04	101.5	252	30.8	16.9	919	5.08	9.3	1.0	0.7	2.4	24.8	0.05	0.38	0.32	17
1097977	Soil		0.51	22.05	32.09	104.9	96	30.1	12.1	444	4.45	4.5	0.6	0.6	3.0	8.0	0.07	0.23	0.36	16
1097978	Soil		0.96	42.04	72.58	145.7	181	33.6	12.4	601	6.94	9.5	1.0	1.2	5.0	31.5	0.08	0.47	0.46	22
1097979	Soil		1.01	19.67	28.37	102.7	171	19.4	9.6	734	3.65	6.4	0.6	1.8	0.3	18.4	0.18	0.53	0.39	27
1097980	Soil		1.09	18.38	26.73	102.5	201	17.1	10.1	924	2.93	5.3	0.6	0.7	0.2	13.2	0.38	0.56	0.33	28
1097981	Soil		0.45	27.99	38.19	116.3	183	39.9	15.7	899	4.41	7.1	0.9	1.3	7.5	57.2	0.15	0.20	0.41	14
1097982	Soil		0.95	23.33	29.83	165.2	104	36.7	13.5	512	4.16	6.0	0.8	0.8	6.3	16.4	0.16	0.24	0.35	19
1097983	Soil		0.67	15.65	23.89	77.2	92	22.7	8.1	370	2.77	8.0	1.0	2.9	2.5	28.5	0.12	0.50	0.24	22
1097984	Soil		0.60	18.01	33.68	117.5	263	23.3	7.1	475	2.95	6.2	1.0	0.7	1.4	68.4	0.28	0.39	0.23	16
1097985	Soil		0.38	15.26	28.63	69.8	176	13.5	5.1	483	2.04	2.1	1.5	0.7	0.6	105.1	0.55	0.21	0.15	16
1097986	Soil		0.51	15.21	21.41	42.0	140	15.0	6.3	780	2.10	2.8	1.6	0.6	0.6	77.7	0.32	0.27	0.17	20
1097987	Soil		0.55	19.04	34.40	95.9	145	17.9	7.5	2319	4.53	11.9	1.4	1.0	0.8	56.8	0.50	1.13	0.18	22
1097988	Soil		0.72	19.47	24.15	99.2	171	22.4	9.3	1943	3.62	11.3	1.0	1.3	0.9	37.7	0.64	1.09	0.19	31
1097989	Soil		0.56	15.18	30.14	67.3	87	20.5	9.7	1910	4.00	12.0	1.2	1.4	3.4	18.5	0.18	0.94	0.22	28
1097990	Soil		0.71	14.26	21.54	64.3	14	22.3	10.3	391	3.67	6.5	0.5	0.5	3.4	6.6	0.07	0.45	0.24	36
1097991	Soil		0.44	21.45	24.85	70.9	17	26.5	14.2	547	3.71	4.9	0.5	0.7	4.4	9.6	0.04	0.24	0.31	30
1097992	Soil		0.66	17.49	20.25	58.9	46	22.3	10.8	1043	3.55	7.8	0.9	0.8	3.8	10.3	0.17	0.42	0.24	32
1097575	Soil		1.15	23.06	40.14	81.2	207	16.9	16.0	2114	4.30	10.3	0.7	4.0	0.2	9.6	0.22	0.71	0.23	36
1097576	Soil		1.20	25.76	42.11	92.6	152	24.8	18.8	1228	4.82	13.1	0.6	1.3	1.2	14.5	0.16	0.80	0.27	36
1097577	Soil		1.09	33.84	114.0	63.3	298	20.7	13.1	558	5.22	20.2	1.0	2.2	3.9	53.8	0.05	0.79	0.43	19
1097578	Soil		1.30	82.24	175.4	337.8	188	124.9	90.3	2294	6.59	28.8	2.2	1.4	5.1	15.8	0.15	0.88	0.39	25
1097579	Soil		0.69	35.13	38.49	120.8	174	37.1	17.5	612	3.96	11.1	1.2	1.4	3.5	40.6	0.15	0.47	0.34	21
1097580	Soil		0.70	22.36	30.96	119.7	75	26.1	12.3	762	3.62	8.0	0.7	2.7	2.9	22.3	0.14	0.54	0.33	23
1097581	Soil		0.68	16.48	28.76	100.9	24	21.9	12.2	774	4.02	8.3	0.7	1.1	3.3	10.3	0.18	0.89	0.29	36
1097582	Soil		0.37	13.70	33.08	166.6	71	19.7	7.9	917	2.47	4.2	0.7	1.4	1.9	36.5	0.66	0.43	0.26	22



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1097971	Soil	3.9	19.0	0.28	88.5	0.003	3	1.36	0.004	0.11	<0.1	6.4	0.20	0.03	31	0.3	0.08	3.5	7.39	<0.1
1097972	Soil	3.2	25.1	0.11	50.4	0.003	2	0.85	0.003	0.08	<0.1	2.6	0.64	0.04	55	1.3	0.07	5.1	4.26	<0.1
1097973	Soil	5.9	11.6	0.09	199.0	<0.001	1	0.88	0.086	0.22	<0.1	6.0	0.29	0.75	49	0.4	0.10	2.6	2.96	<0.1
1097974	Soil	4.6	15.5	0.30	180.6	0.001	2	1.07	0.004	0.08	<0.1	5.6	0.69	0.03	130	0.6	0.03	2.7	2.82	<0.1
1097975	Soil	2.1	34.4	0.18	133.1	<0.001	2	1.25	0.002	0.06	<0.1	4.8	0.22	0.07	49	0.7	0.06	5.7	3.04	<0.1
1097976	Soil	5.0	19.2	0.20	250.4	0.001	2	1.21	0.006	0.09	<0.1	2.6	0.17	0.06	23	0.3	0.03	3.0	3.17	<0.1
1097977	Soil	3.3	20.3	0.29	106.8	0.002	2	1.52	0.003	0.09	<0.1	2.6	0.17	0.03	30	0.3	0.02	4.1	2.54	<0.1
1097978	Soil	3.7	23.5	0.14	71.5	0.002	2	2.13	0.016	0.10	<0.1	4.1	0.29	0.16	34	0.6	0.05	4.3	2.61	<0.1
1097979	Soil	5.7	19.3	0.13	114.0	0.005	2	1.09	0.007	0.11	<0.1	0.7	0.16	0.07	36	0.4	0.05	4.5	1.63	<0.1
1097980	Soil	6.3	17.1	0.12	129.1	0.004	<1	0.93	0.005	0.09	<0.1	0.5	0.15	0.07	30	0.3	0.04	4.0	1.81	<0.1
1097981	Soil	11.5	21.2	0.32	164.2	0.003	3	1.39	0.005	0.12	<0.1	7.7	0.24	0.04	56	0.4	0.03	4.1	2.96	<0.1
1097982	Soil	17.1	19.9	0.22	138.7	0.002	3	1.52	0.003	0.11	<0.1	6.6	0.27	0.02	55	0.4	0.03	4.3	2.38	<0.1
1097983	Soil	10.8	17.5	0.26	93.6	0.007	3	0.96	0.004	0.09	<0.1	3.1	0.12	0.03	107	0.4	0.03	2.9	0.79	<0.1
1097984	Soil	16.2	11.3	0.29	108.7	0.003	3	0.83	0.004	0.08	<0.1	2.4	0.13	0.06	139	0.4	0.04	2.0	0.53	<0.1
1097985	Soil	14.6	9.7	0.10	136.1	0.003	6	0.71	0.005	0.07	<0.1	1.0	0.11	0.14	143	0.5	<0.02	1.7	0.38	<0.1
1097986	Soil	15.2	12.2	0.11	136.4	0.003	5	0.84	0.005	0.07	<0.1	1.3	0.10	0.12	196	0.5	0.05	2.0	0.33	<0.1
1097987	Soil	14.4	14.3	3.02	88.5	0.004	5	1.01	0.008	0.07	<0.1	1.7	0.11	0.07	172	0.4	0.06	2.4	0.42	<0.1
1097988	Soil	14.8	20.3	1.97	116.7	0.009	3	1.29	0.008	0.07	0.1	2.1	0.12	0.06	139	0.4	0.04	3.3	0.70	<0.1
1097989	Soil	13.2	23.0	2.44	101.2	0.005	2	1.39	0.007	0.07	<0.1	3.6	0.14	0.03	124	0.3	0.04	4.0	0.73	<0.1
1097990	Soil	7.3	28.2	0.41	97.4	0.004	<1	1.79	0.003	0.08	<0.1	2.3	0.13	<0.02	21	0.1	0.04	5.9	0.94	<0.1
1097991	Soil	7.4	30.2	0.48	111.2	0.004	<1	1.83	0.003	0.10	<0.1	3.4	0.12	<0.02	24	0.1	0.03	6.8	1.11	<0.1
1097992	Soil	10.1	25.2	0.43	109.2	0.004	2	1.68	0.004	0.12	<0.1	3.8	0.13	<0.02	39	0.2	0.05	5.3	0.77	<0.1
1097575	Soil	5.6	22.6	0.20	137.8	0.008	2	1.20	0.004	0.09	<0.1	0.7	0.17	0.10	57	0.5	0.05	4.5	4.13	<0.1
1097576	Soil	6.1	25.3	0.42	107.2	0.011	1	1.42	0.004	0.09	0.1	1.8	0.14	0.04	37	0.3	0.05	4.6	4.04	<0.1
1097577	Soil	3.2	20.6	0.22	147.6	0.002	1	1.11	0.014	0.13	<0.1	4.8	0.42	0.15	97	0.7	0.07	3.7	3.95	<0.1
1097578	Soil	3.3	21.9	0.34	165.5	0.002	2	2.17	0.002	0.10	<0.1	8.5	0.19	0.02	39	0.3	0.09	4.0	6.85	<0.1
1097579	Soil	7.3	19.8	0.35	121.8	0.004	3	1.34	0.006	0.10	<0.1	4.9	0.16	0.03	47	0.3	0.06	3.7	2.58	<0.1
1097580	Soil	9.2	19.4	0.30	163.3	0.004	3	1.10	0.005	0.12	<0.1	3.3	0.17	0.04	75	0.3	0.04	4.1	1.50	<0.1
1097581	Soil	7.3	26.4	0.36	117.7	0.004	2	1.66	0.002	0.07	<0.1	2.6	0.13	<0.02	35	0.2	0.05	5.8	1.25	<0.1
1097582	Soil	11.0	15.2	0.15	132.5	0.003	5	1.12	0.004	0.07	<0.1	2.4	0.11	0.03	53	0.2	0.03	3.1	0.67	<0.1



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1097971	Soil	0.10	14.8	0.8	<0.05	2.6	7.69	10.4	0.06	2	1.3	33.3	<10
1097972	Soil	0.12	12.8	1.4	<0.05	5.9	1.91	7.9	0.08	2	0.3	7.9	<10
1097973	Soil	<0.02	21.7	2.2	<0.05	6.3	4.35	22.0	0.08	3	0.8	12.5	<10
1097974	Soil	0.05	7.5	1.8	<0.05	5.4	18.78	20.2	0.05	3	1.4	42.5	<10
1097975	Soil	<0.02	8.1	2.0	<0.05	4.8	3.73	6.0	0.11	3	0.6	24.8	<10
1097976	Soil	0.06	11.5	3.7	<0.05	1.9	7.79	13.5	0.04	2	0.9	21.9	<10
1097977	Soil	0.30	11.8	1.0	<0.05	1.9	4.84	12.8	0.04	2	1.2	36.3	<10
1097978	Soil	0.18	13.1	3.2	<0.05	4.3	4.26	10.1	0.07	2	1.2	18.3	<10
1097979	Soil	0.18	15.3	2.1	<0.05	0.2	2.77	13.9	0.03	2	0.7	10.3	<10
1097980	Soil	0.15	13.9	1.1	<0.05	0.1	2.72	14.3	0.04	2	0.5	7.4	<10
1097981	Soil	0.20	12.6	2.3	<0.05	3.0	22.02	40.2	0.06	2	1.4	45.4	<10
1097982	Soil	0.18	16.4	1.9	<0.05	2.2	22.07	65.8	0.05	2	1.3	31.4	<10
1097983	Soil	0.33	9.2	1.4	<0.05	1.4	9.20	49.1	0.03	2	0.8	12.1	<10
1097984	Soil	0.21	7.2	1.1	<0.05	1.5	17.57	36.2	0.03	2	0.9	5.4	<10
1097985	Soil	0.19	6.4	0.4	<0.05	1.4	14.82	31.6	0.03	2	0.7	4.1	<10
1097986	Soil	0.22	6.7	0.5	<0.05	1.0	12.92	37.6	0.03	2	0.8	4.8	<10
1097987	Soil	0.14	5.8	2.4	<0.05	0.8	16.42	25.8	0.02	2	0.7	7.0	<10
1097988	Soil	0.31	7.8	1.2	<0.05	0.7	19.17	29.8	0.03	2	0.7	11.1	<10
1097989	Soil	0.43	10.1	1.3	<0.05	1.7	12.64	28.3	0.03	2	0.9	16.9	<10
1097990	Soil	0.48	12.0	1.3	<0.05	1.3	2.73	18.0	0.03	1	0.8	31.4	<10
1097991	Soil	0.32	13.8	1.7	<0.05	1.4	4.72	19.6	0.04	2	1.0	31.4	<10
1097992	Soil	0.45	13.4	1.4	<0.05	1.9	6.37	29.4	0.04	2	0.9	17.4	<10
1097575	Soil	0.28	12.4	3.2	<0.05	0.2	3.73	13.1	0.03	1	0.8	14.6	<10
1097576	Soil	0.34	11.3	2.1	<0.05	0.2	3.67	15.9	0.03	1	0.8	41.4	<10
1097577	Soil	0.08	11.9	2.3	<0.05	2.2	7.22	10.1	0.07	3	0.9	22.8	<10
1097578	Soil	0.05	11.0	0.5	<0.05	4.0	22.60	11.7	0.06	1	3.4	70.9	<10
1097579	Soil	0.16	9.5	1.1	<0.05	2.0	13.03	19.6	0.05	1	1.1	40.0	<10
1097580	Soil	0.34	13.0	1.5	<0.05	0.8	6.78	28.0	0.04	2	0.9	17.5	<10
1097581	Soil	0.41	10.2	2.3	<0.05	1.1	3.14	20.0	0.03	1	0.8	25.2	<10
1097582	Soil	0.36	6.9	0.9	<0.05	2.3	7.44	28.9	0.03	<1	0.8	8.3	<10



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1097583	Soil	0.60	21.58	30.23	78.6	207	22.0	8.9	525	2.60	8.7	2.6	1.8	0.7	118.0	0.26	0.76	0.28	26	2.75
1097584	Soil	0.63	19.44	30.93	73.2	205	16.4	7.8	1288	2.59	6.9	2.1	0.6	0.3	144.0	0.72	0.66	0.29	20	5.81
1097585	Soil	0.73	20.57	36.63	70.4	87	23.4	10.5	600	3.29	10.0	0.9	0.9	2.5	35.0	0.28	0.90	0.35	31	1.14
1097586	Soil	0.81	15.21	27.34	75.9	107	21.8	11.8	756	3.60	8.0	0.7	0.4	1.8	21.9	0.21	0.57	0.34	38	0.44
1097587	Soil	0.54	20.12	34.57	256.3	76	23.4	11.0	594	3.49	9.9	0.8	0.7	3.7	24.4	0.43	0.64	0.35	35	1.27
1097588	Soil	0.71	19.64	28.58	98.6	142	20.7	7.9	858	3.38	10.4	2.1	1.0	1.0	90.3	0.30	0.79	0.29	34	1.73
1097589	Soil	0.67	9.47	21.14	83.6	88	11.9	7.4	2761	3.99	9.0	1.2	0.4	0.7	13.4	0.50	0.52	0.28	39	0.98
1097590	Soil	0.67	11.37	27.57	58.7	120	12.4	6.6	4458	4.36	10.5	1.0	0.8	0.6	18.8	0.59	0.96	0.19	28	3.80
1097591	Soil	0.82	15.16	30.32	132.9	119	24.7	11.9	3407	5.74	20.5	0.7	1.5	3.2	8.7	0.35	1.74	0.29	49	1.59
1097592	Soil	0.28	24.79	6.87	23.4	22	12.7	7.3	118	1.86	2.6	0.5	<0.2	2.2	3.3	0.03	0.29	0.31	16	0.07
1097593	Soil	0.35	15.28	11.72	36.0	45	15.2	9.5	1096	2.65	5.4	0.5	0.4	2.5	6.5	0.06	0.28	0.31	22	0.29
1097594	Soil	1.33	29.68	18.79	86.6	61	27.0	11.9	220	3.77	11.7	0.8	0.6	2.7	5.2	0.13	0.73	0.37	36	0.12
1097595	Soil	0.80	25.12	18.49	67.9	96	21.2	10.7	548	3.71	5.4	0.6	0.5	3.4	7.0	0.17	0.38	0.36	40	0.11
1097596	Soil	0.98	19.75	24.80	68.8	147	19.0	8.5	242	3.55	5.8	0.5	0.6	3.0	6.2	0.15	0.46	0.35	44	0.08
1098082	Soil	0.93	24.99	36.48	90.5	152	22.6	12.7	1099	4.23	13.1	0.8	0.7	0.5	14.1	0.18	0.66	0.33	31	0.17
1098083	Soil	0.70	32.77	42.47	127.1	232	37.6	16.8	931	4.33	8.1	1.4	1.4	4.8	54.8	0.16	0.48	0.41	17	0.61
1098084	Soil	0.70	27.84	37.00	107.2	109	30.4	17.4	1529	4.81	9.0	1.0	0.8	2.5	22.7	0.13	0.60	0.38	29	0.24
1098085	Soil	0.79	23.71	44.46	261.1	136	27.6	9.9	2476	6.34	21.2	1.9	1.1	2.8	37.0	0.63	1.74	0.33	39	1.92
1098086	Soil	0.83	22.79	36.41	157.4	218	25.0	10.3	2603	6.04	28.1	1.9	10.6	2.7	20.2	0.51	1.95	0.28	39	1.99
1098087	Soil	0.88	14.24	28.51	81.7	139	23.8	9.8	2676	4.78	17.1	0.9	1.8	3.4	10.4	0.30	1.13	0.23	42	1.40
1098088	Soil	0.54	22.27	6.66	27.3	72	10.9	5.2	181	1.96	3.3	0.4	0.2	0.3	3.2	0.20	0.30	0.33	24	0.11
1098089	Soil	0.59	20.30	29.36	86.2	207	18.6	16.5	1138	3.48	4.4	0.4	0.3	2.6	8.9	0.17	0.21	0.37	38	0.07
1098090	Soil	1.14	28.66	74.05	123.1	334	29.2	39.0	4400	4.97	17.5	0.9	0.8	1.5	11.2	0.22	0.80	0.35	43	0.08
1098091	Soil	1.02	21.57	29.80	98.7	89	25.7	12.2	419	3.99	9.6	0.6	1.4	1.3	7.7	0.17	0.67	0.29	34	0.04
1098092	Soil	1.19	20.65	41.20	92.0	194	12.9	12.3	1246	4.31	6.5	0.7	1.6	0.2	6.4	0.35	0.62	0.40	41	0.04
1098093	Soil	0.79	24.64	42.23	64.0	192	12.8	5.9	306	4.08	7.9	0.7	1.2	2.7	12.3	0.07	0.42	0.40	20	0.03
1098094	Soil	0.67	28.09	33.32	144.6	131	36.9	15.2	760	4.42	8.0	0.7	0.8	5.7	35.1	0.17	0.24	0.42	16	0.32
1098095	Soil	0.84	13.63	16.26	84.2	221	10.0	6.9	571	3.08	6.7	0.9	0.5	0.4	9.3	0.19	0.48	0.32	40	0.06
1098096	Soil	0.72	28.43	29.61	116.5	137	18.8	7.4	385	4.55	7.1	0.5	0.6	1.3	9.6	0.22	0.42	0.43	21	0.05
1098097	Soil	0.62	18.64	38.41	128.3	156	23.0	9.7	1292	4.25	10.3	1.8	0.7	1.7	45.1	0.35	0.74	0.30	28	1.77



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1097583	Soil	13.9	20.4	0.33	122.7	0.004	4	1.29	0.005	0.05	<0.1	1.5	0.09	0.12	232	0.4	0.06	3.7	0.59	<0.1
1097584	Soil	18.0	15.7	1.13	102.5	0.003	5	1.02	0.006	0.05	<0.1	1.0	0.06	0.16	157	0.5	0.10	2.4	0.61	<0.1
1097585	Soil	20.4	22.3	0.29	140.8	0.004	3	1.40	0.003	0.09	0.1	4.3	0.14	0.05	69	0.2	0.08	4.0	0.74	<0.1
1097586	Soil	6.8	26.6	0.38	142.7	0.008	2	1.58	0.005	0.11	0.1	2.3	0.10	0.03	32	0.2	0.05	5.3	0.95	<0.1
1097587	Soil	18.1	29.6	0.49	131.1	0.002	3	2.00	0.005	0.12	<0.1	5.0	0.13	0.04	280	0.2	0.04	6.2	0.73	<0.1
1097588	Soil	22.3	25.3	0.44	166.3	0.006	4	1.58	0.005	0.07	0.1	1.9	0.10	0.10	145	0.4	0.04	4.1	0.73	<0.1
1097589	Soil	9.7	22.2	0.32	208.3	0.008	1	1.82	0.005	0.04	<0.1	1.9	0.12	0.09	82	0.2	0.05	5.0	0.82	<0.1
1097590	Soil	11.3	16.4	1.93	147.9	0.007	3	1.28	0.014	0.04	<0.1	1.5	0.13	0.09	173	0.5	0.05	3.0	0.58	<0.1
1097591	Soil	19.7	27.0	1.06	143.4	0.006	4	1.75	0.003	0.08	0.1	4.4	0.15	0.04	170	0.3	0.07	4.5	0.48	<0.1
1097592	Soil	7.7	12.5	0.17	45.5	0.003	3	0.82	<0.001	0.18	<0.1	2.0	0.11	<0.02	20	<0.1	0.05	3.0	1.06	<0.1
1097593	Soil	6.1	16.3	0.24	95.3	0.003	3	1.15	0.002	0.19	<0.1	2.7	0.09	0.02	28	<0.1	0.05	4.0	0.35	<0.1
1097594	Soil	7.0	23.8	0.32	70.0	0.004	2	1.32	0.002	0.11	<0.1	2.4	0.10	<0.02	23	0.2	0.05	5.4	0.74	<0.1
1097595	Soil	7.4	29.0	0.30	142.9	0.003	1	1.76	0.002	0.18	<0.1	2.7	0.14	<0.02	20	0.1	0.02	7.4	1.04	<0.1
1097596	Soil	8.7	28.1	0.26	106.7	0.006	2	1.53	0.002	0.20	<0.1	2.3	0.16	0.02	43	0.2	0.04	7.4	1.02	<0.1
1098082	Soil	5.7	23.3	0.31	93.5	0.006	3	1.36	0.003	0.09	<0.1	1.3	0.12	0.07	37	0.3	0.07	4.3	3.15	<0.1
1098083	Soil	11.2	18.2	0.27	155.6	0.003	3	1.11	0.004	0.12	<0.1	5.4	0.22	0.05	138	0.5	0.02	3.0	1.83	<0.1
1098084	Soil	7.2	27.4	0.34	113.4	0.004	2	1.79	0.003	0.11	<0.1	3.1	0.15	0.04	49	0.3	0.03	5.6	1.80	<0.1
1098085	Soil	22.6	29.7	0.96	127.5	0.006	3	1.80	0.003	0.08	0.1	4.3	0.15	0.07	194	0.4	0.10	4.7	0.70	<0.1
1098086	Soil	18.1	24.4	1.06	162.6	0.009	3	1.53	0.005	0.07	0.1	3.9	0.17	0.06	343	0.4	0.08	4.1	0.60	<0.1
1098087	Soil	14.5	28.0	1.17	106.7	0.008	2	1.80	0.003	0.06	0.1	4.2	0.18	0.04	122	0.4	0.03	4.4	0.89	<0.1
1098088	Soil	4.0	12.4	0.08	70.8	0.004	5	0.70	0.002	0.19	<0.1	0.8	0.09	0.05	38	0.2	0.06	3.7	2.47	<0.1
1098089	Soil	6.4	26.8	0.20	228.2	0.003	2	1.90	0.001	0.23	<0.1	2.4	0.17	0.03	41	0.2	0.03	7.8	1.17	<0.1
1098090	Soil	6.4	24.3	0.32	236.0	0.010	3	1.65	0.002	0.11	<0.1	2.9	0.22	0.05	75	0.4	0.06	5.1	5.90	<0.1
1098091	Soil	6.7	23.1	0.27	61.9	0.009	3	1.47	0.003	0.07	0.1	1.9	0.11	0.03	53	0.3	0.06	4.5	2.22	<0.1
1098092	Soil	4.1	25.1	0.09	85.2	0.004	2	1.33	0.004	0.08	<0.1	0.4	0.10	0.11	94	0.5	0.05	5.6	2.76	<0.1
1098093	Soil	4.6	18.9	0.17	70.9	0.002	3	1.05	0.007	0.09	<0.1	2.6	0.19	0.07	36	0.4	0.04	3.6	2.62	<0.1
1098094	Soil	8.7	19.7	0.28	104.4	0.002	3	1.32	0.004	0.10	<0.1	5.3	0.20	<0.02	42	0.4	<0.02	4.0	2.55	<0.1
1098095	Soil	8.1	18.8	0.14	91.0	0.005	2	1.30	0.002	0.07	0.1	0.9	0.17	0.05	72	0.2	0.02	6.2	1.83	<0.1
1098096	Soil	6.2	19.0	0.12	74.7	0.004	2	0.90	0.002	0.12	<0.1	1.5	0.16	0.04	32	0.3	0.03	3.9	1.59	<0.1
1098097	Soil	14.3	24.9	0.61	137.9	0.005	3	1.52	0.004	0.07	<0.1	3.1	0.13	0.09	153	0.5	0.05	4.2	0.99	<0.1



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1097583	Soil	0.53	6.7	1.7	<0.05	1.2	15.09	24.6	0.03	<1	0.9	12.4	<10
1097584	Soil	0.32	8.5	0.8	<0.05	0.7	17.40	31.5	0.03	<1	1.0	5.9	<10
1097585	Soil	0.55	11.3	1.4	<0.05	1.4	15.09	49.7	0.04	<1	1.1	11.6	<10
1097586	Soil	0.66	14.3	1.1	<0.05	0.6	3.93	20.8	0.03	<1	0.9	21.8	<10
1097587	Soil	0.44	11.5	1.2	<0.05	3.3	20.08	35.1	0.04	<1	1.4	16.4	<10
1097588	Soil	0.45	9.4	0.9	<0.05	1.1	19.93	34.0	0.04	<1	1.0	12.0	<10
1097589	Soil	0.50	5.9	1.1	<0.05	0.8	9.28	20.8	0.04	<1	0.9	11.7	<10
1097590	Soil	0.26	5.4	0.4	<0.05	1.1	11.09	23.2	0.03	<1	1.2	6.7	<10
1097591	Soil	0.37	10.0	0.8	<0.05	2.9	16.35	42.8	0.04	<1	0.9	11.0	<10
1097592	Soil	0.31	14.9	0.7	<0.05	0.5	1.97	20.6	0.02	<1	0.6	6.4	<10
1097593	Soil	0.28	12.3	0.7	<0.05	1.2	3.94	20.2	0.03	<1	0.8	8.7	<10
1097594	Soil	0.60	11.6	1.9	<0.05	0.8	2.92	16.0	0.04	<1	0.5	20.4	<10
1097595	Soil	0.44	17.9	1.2	<0.05	0.7	3.60	17.3	0.03	<1	0.8	25.3	<10
1097596	Soil	0.82	21.0	3.4	<0.05	0.6	2.97	20.0	0.03	<1	0.6	18.7	<10
1098082	Soil	0.25	10.6	1.5	<0.05	0.2	5.90	15.5	0.04	<1	0.9	30.4	<10
1098083	Soil	0.24	10.7	2.8	<0.05	3.6	17.29	32.9	0.05	<1	1.2	25.1	<10
1098084	Soil	0.32	16.4	1.5	<0.05	0.9	10.39	20.9	0.04	<1	1.3	28.0	<10
1098085	Soil	0.40	10.4	1.6	<0.05	2.8	26.11	34.3	0.03	<1	1.2	14.3	<10
1098086	Soil	0.38	7.2	0.8	<0.05	1.7	20.02	32.4	0.03	<1	0.9	12.1	<10
1098087	Soil	0.40	7.9	1.1	<0.05	2.6	14.51	30.5	0.03	<1	1.3	14.4	<10
1098088	Soil	0.39	19.5	1.3	<0.05	0.2	1.58	9.0	<0.02	<1	0.3	1.4	<10
1098089	Soil	0.56	20.9	2.9	<0.05	0.8	2.87	15.3	0.03	<1	0.8	15.4	<10
1098090	Soil	0.24	21.3	1.3	<0.05	0.3	7.17	20.9	0.04	<1	1.2	40.2	<10
1098091	Soil	0.46	10.3	1.0	<0.05	0.4	3.89	18.9	0.03	<1	0.7	27.0	<10
1098092	Soil	0.24	14.4	4.1	<0.05	0.6	2.57	9.1	0.03	<1	0.5	5.0	<10
1098093	Soil	0.13	11.0	0.8	<0.05	1.3	3.57	12.0	0.05	<1	0.6	16.3	<10
1098094	Soil	0.17	12.9	0.9	<0.05	2.1	13.73	34.2	0.05	<1	1.1	29.5	<10
1098095	Soil	0.36	15.5	1.3	<0.05	0.2	3.18	19.2	0.03	<1	0.5	12.5	<10
1098096	Soil	0.20	13.8	0.6	<0.05	0.5	3.96	16.9	0.05	<1	0.6	6.8	<10
1098097	Soil	0.37	9.6	1.0	<0.05	1.6	15.17	31.6	0.03	<1	1.2	15.4	<10



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Project: Scarlet
Report Date: September 25, 2011

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CERTIFICATE OF ANALYSIS

WHI11001192.1

	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1098901	Soil	0.69	27.98	49.93	289.1	238	28.3	11.8	4201	6.75	34.3	2.8	1.7	2.9	19.1	0.73	2.96	0.27	30	5.86
1098902	Soil	0.71	28.80	79.45	170.2	409	29.5	12.2	1270	3.61	19.4	4.0	3.5	6.3	48.8	0.33	2.29	0.32	32	4.48
1098903	Soil	0.76	15.99	26.96	147.0	125	23.0	8.7	1225	4.24	14.4	1.6	1.2	3.5	10.5	0.29	0.91	0.28	43	0.56
1098904	Soil	0.36	11.13	37.83	162.9	221	13.2	6.7	3572	3.70	10.7	0.9	0.5	1.3	23.2	0.36	1.12	0.18	29	5.64
1098905	Soil	0.53	17.91	48.90	138.8	203	20.2	10.3	3149	4.70	18.0	0.9	1.0	3.0	16.3	0.44	1.89	0.25	32	2.79
1098906	Soil	0.37	9.50	16.22	153.1	78	10.1	9.3	2236	4.39	17.1	0.8	1.2	1.1	11.5	0.34	0.79	0.16	15	5.04
1098907	Soil	0.76	33.54	60.01	112.1	118	35.8	43.8	2056	5.44	8.4	0.7	0.8	5.1	12.6	0.09	0.19	0.48	27	0.23
1098908	Soil	0.73	26.19	24.52	86.8	56	28.7	13.6	357	4.25	8.6	0.5	0.8	3.9	6.3	0.08	0.36	0.40	32	0.05
1098909	Soil	0.44	31.13	39.47	97.7	149	24.8	17.8	707	3.92	4.7	0.5	<0.2	3.0	13.8	0.12	0.11	0.45	30	0.15
1098910	Soil	0.48	33.19	28.41	109.3	28	30.0	20.1	657	4.40	5.0	0.4	0.9	3.2	6.0	0.07	0.14	0.47	33	0.04
1098911	Soil	1.02	25.27	30.51	103.0	55	36.8	16.7	462	3.20	12.7	0.7	1.3	3.5	12.0	0.18	0.75	0.29	28	0.11
1098912	Soil	1.40	23.52	24.00	96.5	89	20.9	13.2	756	3.82	10.5	0.7	0.9	0.3	6.9	0.21	0.85	0.31	42	0.04
1098913	Soil	1.04	34.32	66.81	114.4	222	30.7	17.2	625	3.96	18.5	0.8	0.5	1.2	12.0	0.13	0.68	0.39	24	0.05
1098914	Soil	1.13	28.05	32.23	115.1	115	22.6	12.6	835	4.20	12.5	0.6	0.5	0.7	8.2	0.22	0.67	0.40	34	0.04
1098915	Soil	0.74	28.41	38.09	53.1	266	10.8	4.9	182	4.18	8.7	0.7	1.0	3.1	11.6	0.07	0.36	0.43	18	0.03
1098916	Soil	0.96	22.09	22.87	119.9	157	23.2	10.2	509	3.75	7.5	0.6	0.7	0.5	6.1	0.23	0.42	0.40	24	0.03
1098917	Soil	0.46	17.33	23.67	79.9	70	18.4	11.2	782	3.56	5.2	0.6	0.4	0.6	5.2	0.09	0.23	0.44	21	0.02
1098918	Soil	0.73	22.97	38.13	133.4	165	21.9	24.4	2875	3.44	6.3	0.7	0.3	0.5	10.3	0.48	0.41	0.44	21	0.06
1098919	Soil	0.40	14.51	29.56	86.2	60	22.5	9.6	194	2.83	9.7	0.7	0.2	2.2	2.2	0.08	1.29	0.34	6	0.03
1098920	Soil	0.62	20.53	33.57	94.4	222	28.7	11.7	334	2.54	9.5	1.1	1.0	2.9	51.0	0.16	0.39	0.28	10	1.44



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CERTIFICATE OF ANALYSIS

WHI11001192.1

	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1098901	Soil	20.2	20.8	2.90	161.1	0.004	6	1.57	0.008	0.11	<0.1	3.6	0.12	0.09	118	0.6	0.13	3.6	0.33	<0.1	0.17
1098902	Soil	58.3	27.3	1.58	122.1	0.003	4	1.94	0.005	0.16	<0.1	6.2	0.15	0.04	535	0.2	0.11	4.4	0.31	<0.1	0.19
1098903	Soil	20.7	30.6	0.55	122.9	0.006	3	1.97	0.004	0.08	0.1	4.9	0.17	0.04	81	0.3	0.04	5.2	1.22	<0.1	0.09
1098904	Soil	18.1	17.2	3.02	141.7	0.004	4	1.33	0.007	0.05	<0.1	2.6	0.09	0.05	162	0.4	0.04	3.3	0.49	<0.1	0.07
1098905	Soil	21.5	20.0	1.58	135.6	0.003	5	1.43	0.004	0.13	<0.1	4.5	0.14	0.05	83	0.4	0.05	3.6	0.31	<0.1	0.12
1098906	Soil	7.1	11.2	3.00	89.6	0.003	6	0.85	0.007	0.05	<0.1	1.3	0.09	0.09	126	0.3	0.03	1.8	0.20	<0.1	0.07
1098907	Soil	9.0	34.6	0.38	243.6	0.005	4	1.75	0.003	0.22	<0.1	4.9	0.25	0.03	33	0.2	<0.02	6.1	5.06	<0.1	0.05
1098908	Soil	7.8	33.7	0.47	72.6	0.005	2	1.70	0.002	0.11	<0.1	3.0	0.09	<0.02	15	0.2	0.04	6.5	1.57	<0.1	0.04
1098909	Soil	4.8	34.6	0.40	154.7	0.002	1	1.86	0.004	0.16	<0.1	3.3	0.08	0.02	20	0.2	0.02	7.4	1.02	<0.1	0.04
1098910	Soil	4.5	40.2	0.44	136.5	0.002	<1	1.96	0.004	0.13	<0.1	3.6	0.08	<0.02	16	<0.1	0.04	8.3	1.25	<0.1	0.04
1098911	Soil	8.5	21.2	0.40	88.4	0.017	<1	1.37	0.005	0.07	0.1	2.7	0.12	0.02	14	0.2	0.03	3.5	2.27	<0.1	0.04
1098912	Soil	6.8	25.5	0.20	93.5	0.010	1	1.63	0.002	0.06	0.1	0.7	0.12	0.04	35	0.5	0.03	5.0	2.99	<0.1	<0.02
1098913	Soil	4.0	22.1	0.24	156.7	0.005	3	1.48	0.004	0.08	<0.1	2.3	0.12	0.05	33	0.2	0.06	3.9	3.97	<0.1	0.03
1098914	Soil	5.4	22.7	0.21	87.8	0.008	3	1.38	0.003	0.08	<0.1	1.5	0.10	0.04	19	0.4	0.09	4.9	3.27	<0.1	<0.02
1098915	Soil	4.5	21.0	0.17	77.6	0.003	3	0.99	0.006	0.08	<0.1	2.8	0.13	0.05	27	0.4	<0.02	3.6	2.23	<0.1	0.02
1098916	Soil	4.3	19.0	0.15	72.1	0.005	2	1.05	0.004	0.09	<0.1	1.0	0.12	0.05	27	0.5	0.05	4.5	2.09	<0.1	<0.02
1098917	Soil	3.8	19.8	0.12	103.4	0.002	2	1.37	0.002	0.09	<0.1	0.8	0.19	0.04	27	0.3	<0.02	5.4	2.25	<0.1	0.03
1098918	Soil	4.6	18.2	0.12	184.2	0.005	3	0.98	0.003	0.11	<0.1	0.9	0.17	0.09	28	0.3	<0.02	4.4	2.06	<0.1	<0.02
1098919	Soil	5.4	6.2	0.04	24.3	0.001	1	0.37	<0.001	0.09	<0.1	2.0	0.25	<0.02	338	0.3	0.03	1.4	1.00	<0.1	<0.02
1098920	Soil	12.1	9.3	0.07	97.2	0.003	4	0.53	0.003	0.09	<0.1	3.3	0.21	0.05	265	0.5	0.04	1.0	0.84	<0.1	0.08



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1098901	Soil	0.21	6.2	1.3	<0.05	5.2	30.95	42.1	0.03	<1	0.9	6.1	<10
1098902	Soil	0.26	8.1	1.7	<0.05	5.4	60.81	83.1	0.04	<1	0.8	7.2	<10
1098903	Soil	0.48	12.2	1.1	<0.05	2.6	20.64	31.9	0.03	<1	1.2	16.8	<10
1098904	Soil	0.17	6.1	0.8	<0.05	2.0	13.90	31.5	0.03	<1	1.1	6.8	<10
1098905	Soil	0.24	8.4	0.8	<0.05	3.6	17.09	38.5	0.04	<1	1.3	8.3	<10
1098906	Soil	0.11	3.6	1.9	<0.05	2.3	9.34	17.6	<0.02	<1	0.4	3.3	<10
1098907	Soil	0.31	25.7	3.3	<0.05	1.4	6.96	31.6	0.04	<1	1.7	32.7	<10
1098908	Soil	0.33	12.8	2.1	<0.05	2.2	3.66	17.7	0.02	1	1.1	39.9	<10
1098909	Soil	0.25	11.1	2.1	<0.05	1.4	4.20	13.5	0.04	<1	1.4	36.1	<10
1098910	Soil	0.17	13.2	1.3	<0.05	1.5	4.53	12.1	0.05	<1	1.6	36.7	<10
1098911	Soil	0.36	6.4	0.9	<0.05	2.2	6.08	20.7	0.03	<1	0.7	25.7	<10
1098912	Soil	0.37	12.1	1.0	<0.05	0.1	3.21	15.4	<0.02	<1	0.5	20.5	<10
1098913	Soil	0.25	11.7	6.5	<0.05	1.1	5.34	9.9	<0.02	<1	1.3	33.9	<10
1098914	Soil	0.35	14.6	1.0	<0.05	0.3	3.81	11.9	0.03	<1	0.6	24.3	<10
1098915	Soil	0.13	9.8	0.8	<0.05	1.1	3.27	11.2	0.04	<1	0.5	16.1	<10
1098916	Soil	0.23	14.1	0.8	<0.05	0.3	3.66	12.1	0.02	<1	0.7	12.7	<10
1098917	Soil	0.14	20.5	1.0	<0.05	0.9	3.80	10.8	0.03	<1	1.0	16.0	<10
1098918	Soil	0.16	16.2	5.6	<0.05	0.4	3.36	13.7	0.03	<1	0.7	8.8	<10
1098919	Soil	0.05	7.2	1.4	<0.05	0.2	4.07	18.8	0.03	<1	0.7	1.0	<10
1098920	Soil	0.11	5.9	1.2	<0.05	2.4	18.46	37.7	<0.02	2	0.8	3.2	<10



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Part 1

QUALITY CONTROL REPORT

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Method Analyte Unit MDL		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
Pulp Duplicates																				
1097926	Soil	0.52	27.79	32.00	130.5	226	36.4	14.3	668	4.22	7.9	0.6	2.0	6.9	37.4	0.16	0.27	0.43	15	0.39
REP 1097926	QC	0.53	27.74	32.64	130.6	217	36.4	14.5	663	4.25	8.0	0.6	1.5	6.9	36.4	0.14	0.27	0.43	15	0.40
1098444	Soil	2.19	10.40	14.49	82.5	81	18.5	6.7	428	1.79	8.8	2.2	1.0	0.8	48.3	0.58	0.46	0.11	31	9.55
REP 1098444	QC	2.18	10.27	14.50	81.1	79	18.1	6.6	422	1.73	8.8	2.1	0.5	0.7	47.6	0.56	0.47	0.11	31	9.57
1098170	Soil	0.72	16.87	27.47	100.2	38	25.8	9.7	348	2.94	12.5	0.9	1.1	3.0	12.0	0.11	0.99	0.22	33	0.17
REP 1098170	QC	0.80	18.41	30.60	105.5	41	28.6	10.9	374	3.25	13.3	1.0	1.5	3.5	12.9	0.11	1.09	0.25	36	0.19
1098180	Soil	0.51	23.92	24.53	53.4	34	21.9	12.4	255	3.72	11.1	0.4	0.4	5.1	7.8	0.06	0.39	0.32	25	0.24
REP 1098180	QC	0.52	24.92	25.23	57.3	33	23.0	13.1	265	3.87	11.5	0.5	0.5	5.4	8.1	0.05	0.42	0.35	26	0.25
1098196	Soil	0.32	20.92	32.04	100.4	82	25.1	11.4	738	4.42	6.3	1.0	<0.2	3.7	91.8	0.24	0.14	0.46	14	1.43
REP 1098196	QC	0.33	20.43	30.98	95.7	88	25.3	11.0	718	4.50	5.6	1.0	<0.2	3.5	86.2	0.26	0.13	0.42	14	1.27
1098961	Soil	2.16	23.44	80.00	227.8	366	25.4	12.2	797	3.11	11.1	3.0	<0.2	1.9	21.2	0.81	0.73	0.25	30	0.90
REP 1098961	QC	2.24	22.97	80.86	228.1	362	26.6	12.2	795	3.11	11.2	2.9	<0.2	1.9	23.0	0.81	0.75	0.26	32	0.90
1098889	Soil	3.70	20.16	20.70	97.5	105	31.6	11.5	247	3.02	14.6	2.2	1.0	2.0	51.7	0.22	0.46	0.18	24	2.42
REP 1098889	QC	3.72	20.12	20.97	104.5	113	32.3	11.8	247	3.02	15.0	2.2	1.1	2.0	53.5	0.23	0.46	0.17	24	2.47
1098898	Soil	1.41	19.47	21.70	78.5	144	21.1	8.9	281	2.40	4.9	1.0	0.5	1.9	36.2	0.17	0.40	0.24	25	0.70
REP 1098898	QC	1.41	19.53	21.87	78.7	148	21.4	9.1	282	2.42	5.2	1.1	2.3	1.8	37.0	0.15	0.39	0.23	25	0.72
1096735	Soil	0.73	27.05	24.81	67.6	75	29.0	14.5	405	4.02	7.6	0.6	<0.2	4.9	7.8	0.04	0.42	0.34	35	0.07
REP 1096735	QC	0.75	26.81	24.91	69.3	82	28.7	14.1	398	3.99	7.3	0.6	0.8	5.0	7.9	0.05	0.40	0.35	35	0.07
1098306	Soil	1.01	17.36	21.24	73.4	209	19.2	8.7	426	4.04	7.2	0.8	0.7	3.7	8.4	0.17	0.45	0.30	43	0.08
REP 1098306	QC	1.01	17.74	22.78	74.0	206	19.6	9.0	422	4.09	7.3	0.8	0.5	3.8	8.6	0.15	0.48	0.31	43	0.09
1098307	Soil	0.57	12.50	21.51	50.5	129	16.1	6.8	1677	2.57	15.2	0.6	3.5	1.0	20.8	0.34	1.16	0.21	21	4.86
REP 1098307	QC	0.65	13.40	22.39	53.0	136	17.3	7.0	1737	2.66	16.3	0.6	3.4	1.0	22.5	0.34	1.27	0.19	22	5.29
1097954	Soil	0.51	17.20	30.90	109.3	473	22.2	7.2	1033	2.62	5.6	1.5	1.0	0.7	93.1	0.30	0.31	0.26	20	2.91
REP 1097954	QC	0.52	17.96	32.27	110.3	501	22.9	7.3	1075	2.67	5.8	1.6	1.1	0.8	95.0	0.33	0.33	0.25	20	2.93
1097979	Soil	1.01	19.67	28.37	102.7	171	19.4	9.6	734	3.65	6.4	0.6	1.8	0.3	18.4	0.18	0.53	0.39	27	0.04
REP 1097979	QC	0.96	19.00	28.30	101.5	170	18.5	9.4	733	3.62	6.0	0.6	1.0	0.3	18.0	0.20	0.52	0.37	27	0.03
1097580	Soil	0.70	22.36	30.96	119.7	75	26.1	12.3	762	3.62	8.0	0.7	2.7	2.9	22.3	0.14	0.54	0.33	23	0.49
REP 1097580	QC	0.64	20.84	28.21	111.0	65	23.3	11.2	692	3.50	7.1	0.7	1.4	2.8	19.8	0.16	0.50	0.29	22	0.47



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Part 2

QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Pulp Duplicates																					
1097926	Soil	10.8	17.1	0.31	233.9	0.003	3	1.22	0.004	0.09	<0.1	7.5	0.17	<0.02	39	0.3	0.02	3.5	2.30	<0.1	0.06
REP 1097926	QC	11.0	17.1	0.31	234.8	0.003	3	1.24	0.004	0.09	<0.1	7.5	0.17	<0.02	32	0.3	<0.02	3.4	2.40	<0.1	0.07
1098444	Soil	12.2	15.6	4.48	74.8	0.005	6	0.83	0.008	0.10	<0.1	1.8	0.17	0.03	37	0.3	0.03	1.9	0.70	<0.1	0.03
REP 1098444	QC	12.2	16.3	4.51	74.2	0.005	6	0.82	0.008	0.10	<0.1	1.8	0.17	0.04	43	0.3	0.03	1.8	0.70	<0.1	0.03
1098170	Soil	8.5	21.7	0.34	66.2	0.005	3	1.57	0.002	0.08	0.1	2.3	0.11	<0.02	35	0.1	0.05	3.8	1.00	<0.1	0.03
REP 1098170	QC	9.5	23.4	0.37	73.0	0.006	2	1.68	0.002	0.08	0.1	2.6	0.12	<0.02	45	0.2	0.03	4.0	1.09	<0.1	0.03
1098180	Soil	8.3	18.8	0.19	50.5	0.002	3	1.40	<0.001	0.18	<0.1	3.0	0.15	<0.02	23	<0.1	<0.02	4.7	1.19	<0.1	0.03
REP 1098180	QC	8.5	19.6	0.20	51.4	0.003	2	1.38	<0.001	0.17	<0.1	3.1	0.15	<0.02	25	<0.1	0.02	4.9	1.20	<0.1	0.03
1098196	Soil	15.7	17.8	0.16	117.0	0.002	4	1.23	0.004	0.09	<0.1	4.9	0.13	0.07	28	0.9	<0.02	3.2	1.16	<0.1	0.06
REP 1098196	QC	15.5	17.1	0.16	116.5	0.002	3	1.12	0.005	0.08	<0.1	4.8	0.12	0.06	30	1.0	<0.02	3.2	1.11	<0.1	0.06
1098961	Soil	15.0	24.0	0.36	186.0	0.003	3	1.41	0.003	0.10	<0.1	3.4	0.27	0.07	1099	1.2	0.04	3.8	1.57	<0.1	0.15
REP 1098961	QC	15.7	24.6	0.37	191.5	0.003	6	1.44	0.003	0.11	<0.1	3.6	0.28	0.07	1124	1.0	<0.02	3.9	1.72	<0.1	0.14
1098889	Soil	12.7	17.8	0.56	197.5	0.003	11	0.84	0.005	0.24	<0.1	3.5	0.31	0.09	70	0.5	<0.02	2.3	1.67	<0.1	0.07
REP 1098889	QC	12.8	17.4	0.57	198.9	0.003	11	0.87	0.005	0.25	<0.1	3.7	0.32	0.09	68	0.7	<0.02	2.4	1.84	<0.1	0.11
1098898	Soil	12.9	19.9	0.19	228.7	0.004	5	1.06	0.005	0.19	<0.1	2.7	0.16	0.08	38	0.6	0.08	3.3	2.16	<0.1	0.07
REP 1098898	QC	13.4	20.2	0.20	238.4	0.004	7	1.07	0.005	0.19	<0.1	2.9	0.18	0.08	28	0.7	0.07	3.4	2.30	<0.1	0.09
1096735	Soil	9.6	32.5	0.44	81.1	0.007	3	1.77	0.003	0.19	<0.1	3.4	0.13	<0.02	15	0.3	0.04	6.3	2.24	<0.1	0.03
REP 1096735	QC	9.7	32.6	0.45	87.7	0.007	3	1.75	0.003	0.18	<0.1	3.5	0.14	<0.02	18	0.2	0.04	6.1	2.29	<0.1	0.03
1098306	Soil	10.1	29.8	0.30	90.6	0.006	3	1.70	0.002	0.09	<0.1	2.4	0.08	<0.02	24	0.4	<0.02	6.2	1.05	<0.1	0.05
REP 1098306	QC	10.4	29.4	0.32	96.4	0.006	2	1.70	0.002	0.09	<0.1	2.3	0.09	<0.02	33	0.3	<0.02	6.3	1.04	<0.1	0.07
1098307	Soil	8.5	13.8	2.70	79.8	0.007	3	0.93	0.006	0.05	<0.1	1.4	0.11	<0.02	146	0.4	0.03	2.1	0.43	<0.1	0.03
REP 1098307	QC	9.3	15.3	2.80	89.4	0.008	3	0.96	0.007	0.05	0.1	1.4	0.12	0.04	170	0.4	0.03	2.3	0.48	<0.1	0.04
1097954	Soil	11.7	16.4	0.15	204.4	0.003	4	1.13	0.010	0.09	<0.1	1.3	0.08	0.11	196	0.6	<0.02	3.1	0.50	<0.1	0.03
REP 1097954	QC	12.1	16.4	0.14	212.2	0.003	3	1.18	0.010	0.09	<0.1	1.3	0.08	0.11	229	0.7	<0.02	2.9	0.47	<0.1	0.04
1097979	Soil	5.7	19.3	0.13	114.0	0.005	2	1.09	0.007	0.11	<0.1	0.7	0.16	0.07	36	0.4	0.05	4.5	1.63	<0.1	<0.02
REP 1097979	QC	5.5	19.0	0.13	112.8	0.005	1	1.09	0.007	0.11	<0.1	0.7	0.15	0.07	34	0.4	0.06	4.3	1.59	<0.1	<0.02
1097580	Soil	9.2	19.4	0.30	163.3	0.004	3	1.10	0.005	0.12	<0.1	3.3	0.17	0.04	75	0.3	0.04	4.1	1.50	<0.1	0.03
REP 1097580	QC	8.0	17.2	0.27	149.3	0.003	2	1.05	0.005	0.11	<0.1	3.1	0.15	0.03	68	0.2	0.05	3.7	1.30	<0.1	0.03



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Part 3

QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
Pulp Duplicates		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1097926	Soil	0.16	9.8	1.2	<0.05	2.8	20.22	26.8	0.06	<1	1.3	30.9	<10
REP 1097926	QC	0.18	10.0	1.2	<0.05	2.7	20.31	26.8	0.05	<1	1.3	30.9	<10
1098444	Soil	0.28	8.2	1.9	<0.05	1.3	11.67	25.1	0.02	<1	0.6	6.2	<10
REP 1098444	QC	0.29	8.0	2.0	<0.05	1.4	11.72	24.6	0.02	<1	0.6	6.1	<10
1098170	Soil	0.30	7.8	0.7	<0.05	1.0	5.39	35.8	0.03	<1	0.9	17.7	<10
REP 1098170	QC	0.34	8.4	1.5	<0.05	0.9	5.84	39.1	0.04	<1	1.0	20.0	<10
1098180	Soil	0.27	16.7	1.0	<0.05	1.5	4.33	21.8	0.03	<1	0.7	12.0	<10
REP 1098180	QC	0.30	17.1	1.1	<0.05	1.6	4.51	22.1	0.03	<1	0.9	12.2	<10
1098196	Soil	0.24	12.4	1.4	<0.05	2.0	15.17	63.4	0.06	<1	1.6	21.0	<10
REP 1098196	QC	0.23	12.6	1.5	<0.05	1.9	14.91	61.7	0.07	<1	1.6	20.4	<10
1098961	Soil	0.31	13.7	0.9	<0.05	4.4	16.30	30.1	0.02	<1	1.6	14.1	<10
REP 1098961	QC	0.32	15.3	0.9	<0.05	4.1	16.75	31.7	0.03	<1	1.4	14.3	<10
1098889	Soil	0.44	15.9	3.3	<0.05	3.0	13.99	26.5	0.03	6	1.2	7.0	<10
REP 1098889	QC	0.46	17.2	3.0	<0.05	3.1	14.02	26.8	0.04	1	0.8	7.2	<10
1098898	Soil	0.42	17.3	0.9	<0.05	2.7	9.78	28.4	0.03	<1	0.8	10.3	<10
REP 1098898	QC	0.47	18.6	1.0	<0.05	2.6	9.88	28.9	0.03	4	1.0	10.1	<10
1096735	Soil	0.38	17.4	2.6	<0.05	1.4	4.26	24.9	0.03	<1	1.1	35.6	<10
REP 1096735	QC	0.40	17.9	2.6	<0.05	1.5	4.32	25.3	0.03	<1	0.9	34.7	<10
1098306	Soil	0.83	11.8	3.1	<0.05	2.0	3.13	23.7	<0.02	2	0.7	29.1	<10
REP 1098306	QC	0.83	11.4	3.5	<0.05	1.9	3.16	23.8	<0.02	<1	0.6	30.9	<10
1098307	Soil	0.20	4.3	1.4	<0.05	0.8	8.07	17.5	0.03	<1	0.6	6.6	<10
REP 1098307	QC	0.21	4.7	1.5	<0.05	0.9	8.98	18.4	0.03	<1	0.6	7.4	<10
1097954	Soil	0.31	7.0	1.1	<0.05	1.3	13.01	23.3	0.02	<1	1.0	9.6	<10
REP 1097954	QC	0.32	6.8	1.2	<0.05	1.5	13.21	24.3	0.03	<1	1.1	9.6	<10
1097979	Soil	0.18	15.3	2.1	<0.05	0.2	2.77	13.9	0.03	2	0.7	10.3	<10
REP 1097979	QC	0.17	15.1	1.8	<0.05	0.3	2.69	13.2	0.03	2	0.6	9.9	<10
1097580	Soil	0.34	13.0	1.5	<0.05	0.8	6.78	28.0	0.04	2	0.9	17.5	<10
REP 1097580	QC	0.30	11.8	1.0	<0.05	0.8	6.18	25.1	0.03	1	0.8	16.0	<10



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Part 1

QUALITY CONTROL REPORT

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		1F15 Mo ppm 0.01	1F15 Cu ppm 0.01	1F15 Pb ppm 0.01	1F15 Zn ppm 0.1	1F15 Ag ppb 2	1F15 Ni ppm 0.1	1F15 Co ppm 0.1	1F15 Mn ppm 1	1F15 Fe % 0.01	1F15 As ppm 0.1	1F15 U ppm 0.1	1F15 Au ppb 0.2	1F15 Th ppm 0.1	1F15 Sr ppm 0.5	1F15 Cd ppm 0.01	1F15 Sb ppm 0.02	1F15 Bi ppm 0.02	1F15 V ppm 2	1F15 Ca % 0.01	1F15 P % 0.001
1097590	Soil	0.67	11.37	27.57	58.7	120	12.4	6.6	4458	4.36	10.5	1.0	0.8	0.6	18.8	0.59	0.96	0.19	28	3.80	0.154
REP 1097590	QC	0.67	11.79	28.25	60.4	125	13.2	6.9	4704	4.59	11.0	1.1	0.6	0.7	19.1	0.62	0.98	0.18	30	3.99	0.162
1098097	Soil	0.62	18.64	38.41	128.3	156	23.0	9.7	1292	4.25	10.3	1.8	0.7	1.7	45.1	0.35	0.74	0.30	28	1.77	0.134
REP 1098097	QC	0.59	17.78	36.36	125.1	149	22.2	9.3	1249	4.07	9.5	1.7	0.8	1.6	41.6	0.32	0.68	0.28	27	1.69	0.130
1098912	Soil	1.40	23.52	24.00	96.5	89	20.9	13.2	756	3.82	10.5	0.7	0.9	0.3	6.9	0.21	0.85	0.31	42	0.04	0.061
REP 1098912	QC	1.39	23.30	23.38	98.0	83	20.5	13.0	728	3.73	10.6	0.7	0.4	0.3	6.8	0.22	0.81	0.31	41	0.04	0.059
Reference Materials																					
STD DS8	Standard	12.62	115.7	125.4	323.5	1815	39.0	7.6	609	2.51	27.2	2.6	113.2	6.5	56.7	2.43	5.23	6.23	42	0.71	0.079
STD DS8	Standard	12.76	105.8	128.1	326.1	1941	37.0	7.2	626	2.47	27.3	2.7	118.8	6.5	66.1	2.33	5.84	6.71	42	0.73	0.087
STD DS8	Standard	11.99	104.8	126.7	321.5	1874	36.4	7.1	604	2.42	27.0	2.5	109.7	6.2	60.5	2.24	5.55	6.46	41	0.70	0.082
STD DS8	Standard	13.11	111.2	125.4	301.8	1725	38.1	7.5	589	2.45	24.5	2.8	105.5	6.9	57.1	2.08	5.10	6.02	40	0.70	0.076
STD DS8	Standard	12.93	105.6	130.9	315.9	1866	38.1	7.2	611	2.47	25.9	2.8	118.5	6.7	63.7	2.23	5.53	6.32	41	0.70	0.083
STD DS8	Standard	12.95	104.9	123.2	305.4	1743	37.1	6.8	629	2.42	23.4	2.7	112.5	6.5	65.0	2.20	5.18	6.33	40	0.72	0.077
STD DS8	Standard	12.26	106.9	134.8	322.0	1934	37.3	7.2	612	2.52	27.0	2.8	121.3	6.4	64.9	2.34	5.73	6.61	42	0.70	0.086
STD DS8	Standard	12.79	105.4	115.9	287.8	1671	37.1	7.3	561	2.22	23.6	2.6	113.3	6.7	59.5	2.17	5.11	6.12	38	0.67	0.069
STD DS8	Standard	12.99	113.0	116.4	327.0	1775	39.2	7.8	643	2.58	27.4	2.6	111.8	6.4	70.0	2.37	6.07	6.27	44	0.73	0.080
STD DS8	Standard	12.77	108.3	119.6	306.6	1656	37.1	7.1	604	2.43	26.6	2.6	111.2	6.4	61.9	2.34	5.00	6.60	40	0.70	0.079
STD DS8	Standard	12.38	108.1	123.6	311.4	1785	35.5	7.4	587	2.42	26.2	2.7	112.9	6.2	58.4	2.35	5.35	6.79	39	0.68	0.078
STD DS8 Expected		13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001



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830 - 355 Burrard St.

Vancouver BC V6C 2G8 Canada

Project:

Scarlet

Report Date:

September 25, 2011

Page:

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Part 2

QUALITY CONTROL REPORT

WHI11001192.1

		1F15 La ppm 0.5	1F15 Cr ppm 0.5	1F15 Mg % 0.01	1F15 Ba ppm 0.5	1F15 Ti % 0.001	1F15 B ppm 1	1F15 Al % 0.01	1F15 Na % 0.001	1F15 K % 0.01	1F15 W ppm 0.1	1F15 Sc ppm 0.1	1F15 Ti ppm 0.02	1F15 S % 0.02	1F15 Hg ppb 5	1F15 Se ppm 0.1	1F15 Te ppm 0.02	1F15 Ga ppm 0.1	1F15 Cs ppm 0.02	1F15 Ge ppm 0.1	1F15 Hf ppm 0.02
1097590	Soil	11.3	16.4	1.93	147.9	0.007	3	1.28	0.014	0.04	<0.1	1.5	0.13	0.09	173	0.5	0.05	3.0	0.58	<0.1	0.04
REP 1097590	QC	11.7	17.6	2.00	155.3	0.007	3	1.40	0.015	0.04	<0.1	1.7	0.13	0.10	169	0.5	0.05	3.3	0.63	<0.1	0.04
1098097	Soil	14.3	24.9	0.61	137.9	0.005	3	1.52	0.004	0.07	<0.1	3.1	0.13	0.09	153	0.5	0.05	4.2	0.99	<0.1	0.05
REP 1098097	QC	13.6	23.0	0.59	131.1	0.004	3	1.44	0.004	0.07	<0.1	3.0	0.12	0.09	150	0.3	0.03	3.9	0.92	<0.1	0.05
1098912	Soil	6.8	25.5	0.20	93.5	0.010	1	1.63	0.002	0.06	0.1	0.7	0.12	0.04	35	0.5	0.03	5.0	2.99	<0.1	<0.02
REP 1098912	QC	6.8	24.8	0.20	87.7	0.011	1	1.59	0.002	0.06	0.1	0.7	0.11	0.04	39	0.4	0.03	5.0	3.01	<0.1	<0.02
Reference Materials																					
STD DS8	Standard	11.9	123.3	0.61	256.1	0.097	4	1.02	0.121	0.45	3.3	2.3	5.39	0.17	198	5.8	4.94	4.7	2.51	<0.1	0.07
STD DS8	Standard	14.7	123.8	0.63	286.4	0.108	3	0.98	0.103	0.44	3.2	2.3	5.85	0.17	210	5.3	5.47	5.0	2.61	<0.1	0.08
STD DS8	Standard	13.0	117.7	0.62	269.5	0.101	3	0.93	0.089	0.42	3.3	2.1	5.64	0.17	206	5.5	5.34	5.0	2.54	0.1	0.08
STD DS8	Standard	14.6	120.0	0.60	251.4	0.104	2	0.91	0.091	0.42	3.2	2.2	5.38	0.16	178	5.2	4.80	4.6	2.39	0.1	0.09
STD DS8	Standard	14.1	124.2	0.60	270.7	0.104	2	0.92	0.090	0.41	3.1	2.1	5.72	0.16	212	5.5	5.25	4.9	2.52	0.1	0.07
STD DS8	Standard	15.2	116.4	0.61	281.2	0.115	3	1.01	0.114	0.44	3.1	2.0	5.42	0.15	210	5.3	5.30	4.8	2.48	<0.1	0.07
STD DS8	Standard	13.4	124.0	0.61	266.9	0.101	3	0.92	0.090	0.41	3.2	2.2	6.00	0.17	223	5.8	5.26	4.8	2.55	<0.1	0.08
STD DS8	Standard	15.6	115.2	0.57	257.9	0.114	2	0.89	0.094	0.40	3.0	2.2	5.04	0.15	199	4.7	4.68	4.2	2.28	0.2	0.09
STD DS8	Standard	15.4	128.1	0.62	297.4	0.118	3	1.02	0.109	0.44	3.0	2.2	5.34	0.17	199	5.3	5.08	4.7	2.50	<0.1	0.09
STD DS8	Standard	13.6	117.5	0.59	271.4	0.108	3	0.87	0.082	0.40	3.0	1.8	5.27	0.17	194	5.0	5.30	4.4	2.41	0.2	0.09
STD DS8	Standard	14.0	116.2	0.60	254.7	0.099	2	0.93	0.099	0.43	3.0	2.1	5.60	0.16	201	5.1	5.05	4.6	2.51	<0.1	0.07
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7	2.48	0.13	0.08
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02



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Project: Scarlet

Report Date: September 25, 2011

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QUALITY CONTROL REPORT

WHI11001192.1

		1F15 Nb ppm 0.02	1F15 Rb ppm 0.1	1F15 Sn ppm 0.1	1F15 Ta ppm 0.05	1F15 Zr ppm 0.1	1F15 Y ppm 0.01	1F15 Ce ppm 0.1	1F15 In ppm 0.02	1F15 Re ppb 1	1F15 Be ppm 0.1	1F15 Li ppm 0.1	1F15 Pd ppb 10	1F15 Pt ppb 2
1097590	Soil	0.26	5.4	0.4	<0.05	1.1	11.09	23.2	0.03	<1	1.2	6.7	<10	<2
REP 1097590	QC	0.27	5.9	0.5	<0.05	1.1	11.43	24.5	0.03	<1	1.1	7.2	<10	<2
1098097	Soil	0.37	9.6	1.0	<0.05	1.6	15.17	31.6	0.03	<1	1.2	15.4	<10	<2
REP 1098097	QC	0.35	9.3	1.0	<0.05	1.4	14.24	30.0	0.03	<1	1.2	14.8	<10	<2
1098912	Soil	0.37	12.1	1.0	<0.05	0.1	3.21	15.4	<0.02	<1	0.5	20.5	<10	<2
REP 1098912	QC	0.39	12.1	0.9	<0.05	0.1	3.25	15.5	0.03	<1	0.7	20.4	<10	<2
Reference Materials														
STD DS8	Standard	1.24	41.0	6.4	<0.05	1.9	4.99	23.2	2.22	51	4.7	27.8	114	366
STD DS8	Standard	1.49	39.3	6.7	<0.05	1.7	6.00	28.9	2.25	61	5.4	29.6	114	374
STD DS8	Standard	1.23	40.6	6.6	<0.05	1.8	5.43	25.1	2.29	57	5.2	28.5	111	358
STD DS8	Standard	1.38	37.7	6.3	<0.05	2.0	5.59	26.7	2.16	53	4.9	25.8	117	345
STD DS8	Standard	1.38	40.0	6.5	<0.05	1.9	5.78	27.3	2.21	66	5.2	27.5	104	354
STD DS8	Standard	1.35	36.5	6.1	<0.05	1.6	5.98	27.2	2.10	61	5.0	26.0	108	338
STD DS8	Standard	1.25	39.8	6.9	<0.05	1.7	5.48	25.5	2.23	61	5.0	29.2	116	373
STD DS8	Standard	1.29	34.3	6.1	<0.05	1.9	6.10	27.9	2.06	53	5.7	23.6	119	333
STD DS8	Standard	1.49	38.7	7.1	<0.05	2.2	6.37	29.7	2.41	54	5.2	27.4	103	333
STD DS8	Standard	1.20	37.8	6.5	<0.05	2.0	5.41	25.0	2.16	58	4.6	27.0	101	330
STD DS8	Standard	1.10	39.2	6.4	<0.05	1.2	5.42	24.2	2.31	65	5.0	27.0	105	341
STD DS8 Expected		1.65	39	6.7	0.003	2.3	6.1	29.8	2.19	55	5.2	26.34	110	339
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2



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Part 1

QUALITY CONTROL REPORT

WHI11001192.1

		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01
																				0.001



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Part 2

QUALITY CONTROL REPORT

WHI11001192.1

		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1



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Part 3

QUALITY CONTROL REPORT

WHI11001192.1

		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10



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Submitted By: Roger Hulstein
Receiving Lab: Canada-Whitehorse
Received: August 20, 2011
Report Date: October 02, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI11001243.1

CLIENT JOB INFORMATION

Project: Scarlet
Shipment ID: 2011-23
P.O. Number
Number of Samples: 8

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

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: Radius Gold Inc.
830 - 355 Burrard St.
Vancouver BC V6C 2G8
Canada

CC: Simon Ridgway
database backup
Scott Turton

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	8	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B01	8	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX1	8	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS



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



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Vancouver BC V6C 2G8 Canada

Project: Scarlet
Report Date: October 02, 2011

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CERTIFICATE OF ANALYSIS

WHI11001243.1

	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	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
617451	Rock	1.41	<2	0.5	54.1	37.7	240	0.1	25.1	12.4	241	20.12	8.5	1.6	6.0	104	<0.1	0.1	0.3	24
617452	Rock	0.89	<2	<0.1	1.0	2.9	3	<0.1	<0.1	0.2	738	0.23	<0.5	<0.5	<0.1	1622	<0.1	<0.1	<0.1	<2
617453	Rock	0.34	<2	0.2	13.2	6.9	28	<0.1	9.1	5.8	602	1.75	2.4	<0.5	3.2	605	0.3	<0.1	<0.1	9
617454	Rock	0.70	3	<0.1	3.7	1.6	7	<0.1	1.1	1.1	471	0.68	0.9	<0.5	0.9	1430	<0.1	<0.1	<0.1	3
617455	Rock	1.59	<2	0.1	2.8	2.5	9	<0.1	2.0	0.9	235	0.26	<0.5	<0.5	1.2	755	<0.1	<0.1	<0.1	3
617456	Rock	1.23	<2	0.6	2.6	2.3	25	<0.1	5.0	0.7	95	0.16	5.4	3.1	0.5	98	0.2	0.3	<0.1	19
1097573	Rock	1.38	<2	0.2	7.3	3.6	15	<0.1	2.2	2.1	734	2.59	2.4	<0.5	0.2	17	<0.1	0.9	<0.1	4
1097574	Rock	1.06	<2	1.2	2.0	12.7	9	<0.1	3.9	2.1	658	31.84	18.3	1.3	3.4	59	<0.1	1.3	<0.1	24



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Project: Scarlet
Report Date: October 02, 2011

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CERTIFICATE OF ANALYSIS

WHI11001243.1

	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	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	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
617451	Rock	0.102	3	21	0.17	148	0.002	<20	1.73	0.040	0.21	<0.1	0.04	5.6	0.1	0.22	3	<0.5	<0.2
617452	Rock	0.018	2	<1	0.24	9	<0.001	<20	<0.01	0.005	<0.01	<0.1	0.03	0.2	<0.1	0.08	<1	<0.5	<0.2
617453	Rock	0.139	7	6	2.85	21	0.001	<20	0.33	0.015	0.09	<0.1	0.17	2.3	<0.1	<0.05	<1	0.7	<0.2
617454	Rock	0.034	13	2	0.41	35	<0.001	<20	0.20	0.010	0.02	<0.1	0.01	1.2	<0.1	0.09	<1	0.7	0.2
617455	Rock	0.028	7	1	1.04	80	<0.001	<20	0.09	0.005	0.04	<0.1	0.03	0.9	<0.1	0.08	<1	<0.5	<0.2
617456	Rock	0.032	3	3	8.04	25	<0.001	<20	0.06	0.010	0.03	0.1	0.02	0.4	0.1	<0.05	<1	<0.5	<0.2
1097573	Rock	0.014	2	2	0.04	78	0.001	<20	0.04	0.002	0.02	<0.1	0.03	1.0	<0.1	<0.05	<1	<0.5	<0.2
1097574	Rock	0.058	18	13	0.17	176	0.116	23	1.28	0.004	0.11	<0.1	0.05	2.4	<0.1	<0.05	3	<0.5	<0.2



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Scarlet

Report Date:

October 02, 2011

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Part 1

QUALITY CONTROL REPORT

WHI11001243.1

	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	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
Pulp Duplicates																					
617452	Rock	0.89	<2	<0.1	1.0	2.9	3	<0.1	<0.1	0.2	738	0.23	<0.5	<0.5	<0.1	1622	<0.1	<0.1	<0.1	<2	36.20
REP 617452	QC		<2																		
Reference Materials																					
STD DS8	Standard			14.2	113.3	127.1	315	1.8	38.0	7.8	596	2.52	25.3	161.7	7.4	69	2.4	4.1	6.2	44	0.75
STD OREAS45CA	Standard			0.6	537.3	23.0	66	0.3	264.4	94.5	986	16.91	4.8	65.8	8.2	17	0.1	<0.1	0.2	212	0.46
STD OXC88	Standard		194																		
STD OXH82	Standard		1298																		
STD OXC88 Expected			203																		
STD OXH82 Expected			1278																		
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1	0.7
STD OREAS45CA Expected				1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265
BLK	Blank		<2																		
BLK	Blank		<2																		
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
Prep Wash																					
G1	Prep Blank		<2	0.2	10.1	3.6	48	<0.1	2.2	4.0	602	2.10	0.7	<0.5	6.1	74	<0.1	<0.1	<0.1	40	0.56



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Report Date: October 02, 2011

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QUALITY CONTROL REPORT

WHI11001243.1

	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	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	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																			
617452	Rock	0.018	2	<1	0.24	9	<0.001	<20	<0.01	0.005	<0.01	<0.1	0.03	0.2	<0.1	0.08	<1	<0.5	<0.2
REP 617452	QC																		
Reference Materials																			
STD DS8	Standard	0.080	16	117	0.63	299	0.120	<20	0.97	0.093	0.43	2.4	0.19	2.2	5.2	0.17	5	5.5	5.0
STD OREAS45CA	Standard	0.041	17	733	0.14	175	0.107	<20	4.04	0.008	0.08	<0.1	0.05	38.7	0.1	<0.05	20	0.9	<0.2
STD OXC88	Standard																		
STD OXH82	Standard																		
STD OXC88 Expected																			
STD OXH82 Expected																			
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
STD OREAS45CA Expected		0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5	
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																			
G1	Prep Blank	0.087	14	4	0.53	180	0.134	<20	0.95	0.090	0.51	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2



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Submitted By: Roger Hulstein
Receiving Lab: Canada-Whitehorse
Received: August 29, 2011
Report Date: December 16, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS

WHI11001353.2

CLIENT JOB INFORMATION

Project: Scarlet
Shipment ID: 2011-24
P.O. Number
Number of Samples: 321

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

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: Radius Gold Inc.
Suite 650 - 200 Burrard Street
Vancouver BC V6C 3L6
Canada

CC: David Cass
database backup
Simon Ridgway
Scott Turton

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	320	Dry at 60C			WHI
1F05	314	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
RJSV	320	Saving all or part of Soil Reject			WHI

ADDITIONAL COMMENTS

Version 2: Revised Sample IDs - Samples 617001, 617002 & 617003 should be listed as 617701, 617702 & 617703



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



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Scarlet

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CERTIFICATE OF ANALYSIS

WHI11001353.2

	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1267759	Soil	0.38	25.43	22.08	70.9	118	24.3	10.9	276	3.86	7.1	0.5	1.4	3.7	6.7	0.07	0.29	0.46	26	0.05
1267709	Soil	0.45	19.05	17.31	77.4	54	19.6	8.7	286	2.66	5.2	2.0	3.5	2.2	113.6	0.10	0.34	0.49	19	1.25
1267710	Soil	0.26	23.73	18.30	73.5	63	22.6	13.0	425	3.17	2.9	0.5	1.9	2.5	8.7	0.04	0.16	0.32	26	0.08
1267711	Soil	0.44	20.91	21.15	72.6	44	17.1	9.7	314	4.67	5.6	0.3	0.5	2.8	4.4	0.05	0.20	0.35	35	0.02
1267712	Soil	0.55	19.01	18.69	70.1	57	23.1	10.3	284	3.46	5.4	0.5	1.1	3.6	5.5	0.05	0.25	0.30	30	0.03
1267713	Soil	0.43	19.32	20.46	75.5	27	27.6	12.8	307	3.76	5.6	0.5	0.4	4.0	5.9	0.04	0.24	0.32	29	0.03
1267714	Soil	0.58	16.79	27.18	84.5	90	27.4	9.9	601	5.41	12.6	0.9	0.9	6.3	5.9	0.09	0.55	0.31	27	0.05
1267715	Soil	0.49	13.16	17.16	67.8	50	18.2	8.1	451	3.56	7.9	0.4	1.5	2.7	5.7	0.06	0.36	0.27	28	0.04
1267716	Soil	0.36	10.94	16.35	92.6	58	21.6	11.4	473	3.51	2.9	0.7	<0.2	3.5	15.9	0.17	0.22	0.29	33	0.14
1267717	Soil	0.38	15.16	14.22	97.3	60	24.2	12.3	359	3.75	2.9	0.4	<0.2	3.2	11.0	0.06	0.17	0.28	31	0.06
1267718	Soil	0.43	12.02	16.09	102.2	123	20.0	11.7	458	3.33	6.0	0.3	<0.2	2.8	23.0	0.12	0.20	0.30	30	0.11
1267719	Soil	0.66	18.03	27.28	95.0	117	21.3	16.3	629	3.69	6.4	1.2	<0.2	3.2	61.5	0.15	0.28	0.42	28	0.49
1267720	Soil	0.51	16.02	19.03	68.7	55	22.4	11.9	439	3.24	4.8	0.9	0.8	3.4	34.8	0.08	0.19	0.30	28	0.31
1267721	Soil	0.41	8.94	17.39	80.7	46	14.9	6.9	194	3.11	3.6	0.3	0.4	2.6	5.6	0.09	0.19	0.25	35	0.04
1267722	Soil	0.53	30.63	20.43	69.1	116	21.5	10.5	492	2.89	10.4	2.4	1.4	2.0	79.9	0.14	0.19	0.35	24	1.02
1267723	Soil	0.42	24.18	18.91	67.1	91	19.7	10.0	388	2.82	8.3	2.4	0.5	2.3	82.2	0.12	0.18	0.33	24	1.16
1267724	Soil	0.43	45.97	13.38	96.2	252	22.9	7.0	289	2.66	5.0	2.6	1.6	1.3	77.9	0.27	0.31	0.29	26	1.25
1267725	Soil	0.32	42.21	20.90	87.2	32	35.3	16.7	391	4.30	6.0	0.4	0.4	3.8	5.4	0.03	0.20	0.33	34	0.04
1267726	Soil	0.49	25.39	20.13	93.7	22	28.9	14.4	387	4.08	5.6	0.4	0.6	3.2	13.5	0.05	0.23	0.30	36	0.17
1267727	Soil	1.09	14.07	31.00	172.3	68	29.1	11.0	378	5.24	14.1	0.6	0.4	5.0	9.6	0.30	0.75	0.33	49	0.08
1267728	Soil	0.37	14.42	23.87	64.3	63	20.3	9.5	213	4.12	6.5	0.4	<0.2	3.0	4.5	0.07	0.26	0.27	27	0.03
1267729	Soil	0.42	15.02	16.98	77.8	57	22.1	10.8	272	3.12	6.5	0.5	<0.2	3.0	19.5	0.09	0.27	0.27	35	0.19
1267730	Soil	0.50	13.76	18.58	68.3	40	19.5	10.8	316	3.12	8.1	0.4	<0.2	3.0	20.9	0.05	0.31	0.26	26	0.24
1267951	Soil	0.27	23.95	18.64	78.0	38	27.8	12.4	207	3.93	5.9	0.5	<0.2	3.4	4.7	0.03	0.17	0.36	31	0.02
1267952	Soil	0.95	32.24	56.23	116.1	278	36.2	27.6	1540	5.72	3.3	0.7	0.7	2.9	6.0	0.04	0.21	0.99	27	0.04
1267953	Soil	0.75	18.28	17.85	87.7	71	18.2	11.3	570	3.48	6.4	0.5	<0.2	2.4	8.3	0.08	0.38	0.35	38	0.06
1267954	Soil	0.42	23.57	16.23	100.2	54	19.2	10.2	297	3.88	4.5	0.6	<0.2	3.9	6.0	0.14	0.22	0.43	30	0.03
1267955	Soil	0.42	23.64	27.72	65.8	39	15.1	10.8	148	2.67	7.5	0.4	<0.2	4.2	4.7	0.12	0.23	0.45	18	0.02
1267956	Soil	0.92	20.53	30.36	125.6	75	22.0	13.4	821	4.53	7.6	0.6	<0.2	3.3	7.4	0.17	0.46	0.41	42	0.04
1267957	Soil	0.51	23.07	18.49	95.4	102	21.6	12.1	338	3.89	5.7	0.6	<0.2	3.9	6.6	0.08	0.23	0.40	28	0.02



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CERTIFICATE OF ANALYSIS

WHI11001353.2

	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1267759	Soil	4.6	29.9	0.41	92.3	0.002	1	1.81	<0.001	0.08	<0.1	2.8	0.11	<0.02	30	0.1	0.02	6.6	1.21	<0.1
1267709	Soil	6.1	23.1	0.46	245.7	0.005	8	1.34	0.015	0.11	<0.1	2.7	0.10	0.10	74	0.6	0.02	4.8	1.36	<0.1
1267710	Soil	2.9	28.2	0.38	221.5	0.005	2	1.50	0.002	0.14	<0.1	2.6	0.14	0.02	45	0.1	0.03	6.8	3.22	<0.1
1267711	Soil	4.0	29.1	0.35	90.2	0.002	<1	1.90	<0.001	0.11	<0.1	2.4	0.12	<0.02	19	0.2	0.03	8.5	2.09	<0.1
1267712	Soil	6.2	33.2	0.46	113.1	0.003	1	1.77	<0.001	0.10	<0.1	2.4	0.11	<0.02	39	0.1	0.03	6.6	1.57	<0.1
1267713	Soil	5.4	31.1	0.48	88.2	0.003	1	1.83	<0.001	0.10	<0.1	2.7	0.11	<0.02	53	0.2	<0.02	6.6	1.56	<0.1
1267714	Soil	7.4	28.6	0.30	143.8	0.001	2	2.04	<0.001	0.07	<0.1	3.0	0.15	<0.02	42	0.3	0.03	4.0	1.46	<0.1
1267715	Soil	6.2	22.3	0.30	96.5	0.003	1	1.33	0.001	0.10	<0.1	2.0	0.11	<0.02	31	<0.1	0.02	5.0	1.35	<0.1
1267716	Soil	3.9	30.7	0.37	372.2	0.007	1	1.49	0.004	0.24	0.1	2.4	0.14	<0.02	15	<0.1	<0.02	6.7	1.65	<0.1
1267717	Soil	4.9	32.2	0.45	298.8	0.002	<1	2.09	0.002	0.19	<0.1	2.8	0.15	<0.02	23	<0.1	0.03	8.2	2.04	<0.1
1267718	Soil	5.3	24.6	0.35	164.7	0.001	<1	1.70	<0.001	0.12	<0.1	2.0	0.11	<0.02	12	0.1	<0.02	6.7	0.84	<0.1
1267719	Soil	6.4	28.9	0.47	163.8	0.004	3	1.65	0.001	0.19	<0.1	2.8	0.11	0.02	28	0.2	<0.02	6.2	1.56	<0.1
1267720	Soil	6.9	29.9	0.49	162.0	0.002	<1	1.69	0.001	0.10	<0.1	3.2	0.08	<0.02	20	0.2	<0.02	6.1	1.25	<0.1
1267721	Soil	7.1	23.8	0.35	68.1	0.004	<1	1.48	<0.001	0.08	<0.1	1.7	0.08	<0.02	12	<0.1	<0.02	6.7	0.91	<0.1
1267722	Soil	6.2	26.8	0.44	192.3	0.003	3	1.50	0.009	0.11	0.1	3.1	0.08	0.05	47	0.5	<0.02	5.2	2.05	<0.1
1267723	Soil	6.1	26.0	0.44	159.9	0.003	2	1.51	0.005	0.11	0.1	3.3	0.09	0.05	32	0.4	<0.02	5.2	1.82	<0.1
1267724	Soil	9.4	28.0	0.48	211.6	0.006	3	1.52	0.008	0.09	<0.1	3.1	0.08	0.08	89	0.7	<0.02	4.5	1.44	<0.1
1267725	Soil	4.3	36.9	0.69	167.3	0.003	<1	2.23	<0.001	0.10	<0.1	3.7	0.11	<0.02	25	0.2	0.03	7.5	1.05	<0.1
1267726	Soil	5.3	32.7	0.61	116.1	0.005	<1	1.88	<0.001	0.09	<0.1	3.1	0.10	<0.02	17	<0.1	<0.02	7.0	0.95	<0.1
1267727	Soil	8.5	35.3	0.38	143.9	0.012	<1	2.41	<0.001	0.08	0.2	2.3	0.11	<0.02	70	0.2	0.02	5.9	1.23	<0.1
1267728	Soil	4.4	25.9	0.32	69.6	0.001	<1	1.93	<0.001	0.07	<0.1	2.3	0.11	<0.02	265	0.1	0.03	5.7	1.19	<0.1
1267729	Soil	7.8	25.8	0.42	193.0	0.004	<1	1.60	0.002	0.07	<0.1	2.2	0.09	<0.02	62	0.1	<0.02	5.7	0.92	<0.1
1267730	Soil	7.3	21.8	0.42	122.7	0.003	<1	1.39	0.001	0.07	<0.1	2.1	0.09	<0.02	344	<0.1	0.02	4.5	1.12	<0.1
1267951	Soil	3.3	36.7	0.52	147.9	0.003	<1	2.13	<0.001	0.11	<0.1	3.0	0.14	<0.02	35	<0.1	0.04	8.6	1.64	<0.1
1267952	Soil	3.0	30.2	0.66	109.6	<0.001	<1	2.73	<0.001	0.09	<0.1	5.3	0.21	<0.02	32	0.2	0.04	7.6	4.23	<0.1
1267953	Soil	7.2	27.6	0.36	122.1	0.006	<1	1.62	<0.001	0.11	<0.1	2.1	0.10	<0.02	22	0.2	0.03	6.6	1.54	<0.1
1267954	Soil	5.7	30.2	0.30	191.9	0.003	<1	1.82	<0.001	0.22	<0.1	3.3	0.21	<0.02	22	<0.1	0.02	7.9	2.54	<0.1
1267955	Soil	5.3	16.8	0.19	97.2	<0.001	<1	1.11	<0.001	0.13	<0.1	2.0	0.12	<0.02	19	<0.1	0.02	4.8	1.24	<0.1
1267956	Soil	7.0	33.5	0.37	194.6	0.004	<1	2.03	<0.001	0.14	<0.1	2.6	0.14	<0.02	27	0.3	0.03	7.6	1.86	<0.1
1267957	Soil	6.3	28.1	0.32	125.4	0.002	<1	1.76	<0.001	0.14	<0.1	2.7	0.12	<0.02	22	<0.1	0.04	6.6	2.23	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1267759	Soil	0.37	12.8	0.9	<0.05	1.6	5.14	11.4	0.05	<1	0.9	34.0	<10
1267709	Soil	0.52	13.4	0.6	<0.05	1.7	6.95	12.7	0.03	<1	0.8	31.5	<10
1267710	Soil	0.83	19.2	1.0	<0.05	1.1	3.81	8.4	0.03	<1	1.0	17.6	<10
1267711	Soil	0.70	18.1	1.2	<0.05	1.5	2.27	8.9	0.03	<1	0.6	26.3	<10
1267712	Soil	0.57	13.8	1.0	<0.05	1.3	3.37	14.0	0.03	<1	0.9	35.1	<10
1267713	Soil	0.41	13.2	0.8	<0.05	2.3	3.06	13.1	0.03	<1	1.1	39.1	<10
1267714	Soil	0.45	10.9	0.5	<0.05	4.3	4.45	18.2	0.05	<1	1.5	42.6	<10
1267715	Soil	0.54	15.3	0.9	<0.05	0.8	2.86	14.0	0.02	<1	0.7	22.9	<10
1267716	Soil	0.94	29.0	1.3	<0.05	0.6	2.24	8.6	0.03	<1	0.6	18.2	<10
1267717	Soil	0.51	26.5	1.2	<0.05	1.5	2.40	11.2	0.03	<1	1.1	37.8	<10
1267718	Soil	0.33	17.3	0.9	<0.05	1.0	2.03	11.7	0.03	<1	0.9	35.9	<10
1267719	Soil	0.61	19.7	1.1	<0.05	1.0	5.14	14.7	0.04	<1	1.2	48.3	<10
1267720	Soil	0.52	13.1	2.5	<0.05	1.2	5.21	16.1	0.03	<1	0.8	36.1	<10
1267721	Soil	0.55	16.2	0.8	<0.05	0.8	1.95	14.8	<0.02	<1	0.5	26.7	<10
1267722	Soil	0.66	16.4	1.0	<0.05	1.3	9.10	14.6	0.03	<1	1.3	28.8	<10
1267723	Soil	0.75	16.4	1.0	<0.05	1.4	8.05	13.0	0.03	<1	1.1	30.5	<10
1267724	Soil	0.65	12.9	0.6	<0.05	1.4	14.70	16.2	0.03	<1	1.0	21.8	<10
1267725	Soil	0.23	13.0	1.0	<0.05	1.2	3.90	11.0	0.04	<1	1.3	37.2	<10
1267726	Soil	0.48	15.9	0.9	<0.05	1.2	3.04	13.2	0.03	<1	1.0	37.9	<10
1267727	Soil	1.34	13.7	0.7	<0.05	3.0	2.79	20.5	0.05	<1	0.9	35.6	<10
1267728	Soil	0.36	12.3	0.7	<0.05	1.7	2.51	10.6	0.03	<1	0.9	43.6	<10
1267729	Soil	0.54	13.1	0.6	<0.05	1.1	2.72	17.8	0.02	<1	0.7	29.8	<10
1267730	Soil	0.43	12.4	0.6	<0.05	1.1	2.59	16.5	0.03	<1	0.5	37.9	<10
1267951	Soil	0.47	18.3	1.1	<0.05	1.7	3.11	8.1	0.04	<1	1.0	36.6	<10
1267952	Soil	0.05	24.1	1.0	<0.05	1.6	6.06	10.5	0.04	<1	1.7	60.8	<10
1267953	Soil	0.62	17.3	0.8	<0.05	0.4	2.92	16.0	0.03	<1	0.8	32.6	<10
1267954	Soil	0.35	31.7	1.0	<0.05	1.2	5.46	13.6	0.04	<1	1.2	30.0	<10
1267955	Soil	0.13	15.4	0.8	<0.05	1.4	3.05	11.7	0.03	<1	1.0	19.3	<10
1267956	Soil	0.68	21.8	1.1	<0.05	0.9	3.40	16.1	0.03	<1	1.1	34.4	<10
1267957	Soil	0.25	19.9	0.8	<0.05	1.1	4.04	14.7	0.03	<1	1.3	32.5	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1267958	Soil	1.04	12.82	16.47	82.2	139	15.5	7.2	262	3.15	8.0	0.5	<0.2	4.0	8.2	0.12	0.48	0.32	46	0.06
1267959	Soil	0.72	22.33	29.18	99.8	72	21.0	11.7	425	4.20	7.8	0.6	<0.2	4.1	5.5	0.11	0.39	0.40	31	0.02
1267960	Soil	0.63	23.56	31.01	86.6	64	25.6	13.8	326	4.11	6.8	0.6	<0.2	4.5	5.0	0.09	0.33	0.37	26	0.02
1267961	Soil	0.68	33.57	36.49	80.2	56	28.6	16.6	598	4.80	10.2	0.5	<0.2	4.1	13.1	0.05	0.30	0.44	31	0.03
1097040	Soil	0.88	11.22	14.49	97.7	210	13.9	6.9	259	3.22	5.9	0.4	<0.2	3.3	6.2	0.09	0.35	0.47	45	0.05
1097041	Soil	0.51	22.81	15.97	77.0	86	16.4	9.9	293	3.71	5.4	0.3	<0.2	2.8	7.9	0.03	0.18	0.40	24	0.02
1097042	Soil	0.51	24.81	25.44	106.7	57	28.9	14.5	293	4.81	5.4	0.5	2.6	4.5	6.5	0.11	0.34	0.59	33	0.03
1097043	Soil	0.71	22.74	25.69	70.0	51	17.9	11.1	467	3.88	5.7	0.6	1.8	4.6	6.7	0.15	0.33	0.45	37	0.04
1097044	Soil	0.47	24.45	26.68	81.7	22	28.1	15.6	476	3.69	5.1	0.7	1.6	5.3	6.5	0.06	0.29	0.42	30	0.03
1097045	Soil	0.57	21.27	33.01	94.3	43	15.2	10.7	421	4.53	5.2	0.4	0.5	4.1	5.8	0.10	0.31	0.42	37	0.04
1097046	Soil	0.75	36.39	48.08	87.5	46	33.6	25.7	1450	4.39	6.7	1.2	1.9	6.9	9.7	0.06	0.36	0.47	36	0.05
1097047	Soil	0.43	33.00	36.59	92.4	71	29.9	21.0	744	4.57	5.7	0.6	0.9	5.3	14.0	0.07	0.20	0.48	34	0.11
1097048	Soil	0.39	30.00	28.33	85.3	57	31.5	16.1	572	4.04	6.1	0.8	1.1	5.2	20.8	0.05	0.21	0.43	30	0.22
1097049	Soil	0.38	34.08	29.64	86.9	116	32.3	16.7	643	3.97	5.4	1.0	1.1	5.2	37.1	0.07	0.21	0.43	30	0.43
1097050	Soil	0.44	37.88	30.04	87.2	44	30.0	15.6	565	4.49	6.0	0.8	0.6	5.6	15.1	0.05	0.24	0.47	35	0.15
1267001	Soil	0.44	40.44	32.42	94.0	41	30.9	16.5	595	4.78	6.4	0.8	0.5	5.8	15.8	0.06	0.25	0.48	37	0.17
1267002	Soil	0.50	23.17	27.59	108.8	109	21.4	10.2	639	3.07	16.1	1.3	14.1	1.0	76.2	0.54	1.42	0.41	20	3.53
1267003	Soil	0.31	22.56	24.88	79.1	64	23.7	12.5	626	3.32	9.8	0.7	3.5	1.3	19.0	0.25	0.70	0.33	20	1.21
1267004	Soil	0.19	7.19	13.14	53.1	64	7.7	4.5	2279	3.29	88.6	1.0	3.7	0.5	37.1	0.15	4.64	0.15	9	7.33
1267005	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.
1267006	Soil	0.43	23.94	25.45	132.0	69	23.7	12.6	493	3.10	11.3	0.7	3.2	1.8	49.5	0.17	0.64	0.29	14	1.50
1267007	Soil	0.74	18.79	29.50	118.6	64	26.1	9.8	398	4.25	58.9	1.3	1.4	4.2	61.5	0.39	6.28	0.38	36	1.39
1267008	Soil	0.39	30.76	26.51	93.4	77	27.7	13.4	514	3.52	7.6	1.5	1.2	3.4	41.9	0.21	0.56	0.38	23	1.16
1267009	Soil	0.47	28.86	28.10	93.6	99	26.6	12.9	691	3.44	11.9	1.0	1.6	3.0	29.8	0.21	1.00	0.33	25	0.91
1267010	Soil	0.48	40.06	23.32	87.9	116	23.5	11.8	616	3.10	6.8	2.8	1.9	1.9	54.1	0.26	0.54	0.36	23	1.61
1267011	Soil	0.33	18.01	16.62	57.4	71	15.0	7.6	523	2.11	6.4	1.1	1.7	1.0	50.9	0.33	0.54	0.22	16	1.79
1267012	Soil	0.31	20.56	13.97	48.7	110	14.8	7.7	440	1.82	3.6	1.7	1.0	0.7	65.4	0.20	0.32	0.22	16	1.73
1267013	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.
1267014	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.
1267015	Soil	1.02	21.11	19.03	89.0	195	20.1	9.7	324	4.66	5.2	0.7	2.9	3.8	5.6	0.26	0.54	0.37	50	0.03



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.02
1267958	Soil	11.4	27.2	0.37	125.1	0.011	<1	1.53	<0.001	0.10	0.1	2.0	0.12	<0.02	24	0.2	0.05	6.6	1.48	<0.1
1267959	Soil	5.4	28.3	0.32	68.5	0.003	<1	1.90	<0.001	0.09	<0.1	2.3	0.11	0.02	33	0.2	0.03	5.9	2.22	<0.1
1267960	Soil	4.7	24.5	0.29	67.7	0.001	<1	1.69	<0.001	0.09	<0.1	2.8	0.10	<0.02	32	0.2	<0.02	4.9	1.68	<0.1
1267961	Soil	4.1	35.4	0.41	153.2	<0.001	<1	2.21	<0.001	0.10	<0.1	3.4	0.13	0.02	26	0.1	<0.02	7.7	2.32	<0.1
1097040	Soil	8.9	27.8	0.35	98.3	0.003	<1	1.76	<0.001	0.09	<0.1	1.8	0.09	<0.02	26	<0.1	0.02	7.1	1.06	<0.1
1097041	Soil	3.9	15.5	0.12	56.8	<0.001	<1	0.87	0.002	0.08	<0.1	2.3	0.09	<0.02	21	<0.1	0.03	4.2	0.99	<0.1
1097042	Soil	5.3	34.7	0.45	109.8	0.002	2	2.29	<0.001	0.12	<0.1	3.0	0.14	<0.02	24	<0.1	0.04	8.1	2.85	<0.1
1097043	Soil	7.4	25.9	0.27	126.1	0.002	1	1.76	0.002	0.11	<0.1	2.6	0.13	<0.02	20	<0.1	0.04	7.8	1.60	<0.1
1097044	Soil	8.8	31.1	0.50	105.8	0.005	1	1.79	0.002	0.10	<0.1	3.0	0.11	<0.02	16	0.1	<0.02	7.0	1.58	<0.1
1097045	Soil	5.7	26.7	0.29	96.2	0.002	1	1.74	0.001	0.13	<0.1	2.3	0.13	<0.02	22	0.2	0.03	9.1	1.70	<0.1
1097046	Soil	10.7	35.4	0.54	247.1	0.005	2	2.03	0.002	0.14	<0.1	5.0	0.19	<0.02	31	0.2	0.03	7.5	3.84	<0.1
1097047	Soil	7.4	38.4	0.58	110.9	0.003	<1	2.06	0.003	0.12	<0.1	4.0	0.11	<0.02	8	<0.1	<0.02	8.6	2.83	<0.1
1097048	Soil	8.8	35.6	0.63	110.3	0.005	1	1.87	0.004	0.10	<0.1	4.3	0.09	<0.02	20	0.1	<0.02	7.4	2.28	<0.1
1097049	Soil	11.3	36.2	0.64	130.1	0.003	1	1.96	0.005	0.12	<0.1	5.0	0.11	0.03	29	<0.1	<0.02	7.6	2.48	<0.1
1097050	Soil	8.5	38.0	0.57	169.5	0.003	1	2.09	0.004	0.12	<0.1	4.6	0.12	<0.02	13	0.1	<0.02	8.5	2.62	<0.1
1267001	Soil	8.7	39.8	0.61	178.6	0.002	<1	2.17	0.004	0.12	<0.1	4.9	0.12	<0.02	22	<0.1	0.02	9.2	2.48	<0.1
1267002	Soil	7.8	24.4	0.84	112.7	0.005	7	1.37	0.007	0.07	0.1	2.3	0.10	0.08	224	0.4	0.07	4.3	0.87	<0.1
1267003	Soil	3.8	23.9	0.49	120.6	0.002	2	1.55	0.004	0.05	<0.1	2.1	0.05	0.05	108	0.1	<0.02	4.7	0.48	<0.1
1267004	Soil	4.2	7.8	4.45	89.1	0.002	3	0.47	0.004	0.04	<0.1	1.1	0.11	0.03	257	0.2	0.02	1.1	0.27	<0.1
1267005	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.
1267006	Soil	4.1	14.9	0.43	82.7	0.002	4	0.84	0.004	0.06	<0.1	3.2	0.09	0.06	169	0.2	0.05	2.6	1.07	<0.1
1267007	Soil	14.9	29.0	0.44	116.9	0.004	2	1.90	0.003	0.08	0.1	4.9	0.14	0.04	920	0.3	0.05	5.0	1.05	<0.1
1267008	Soil	9.6	26.2	0.50	159.5	0.003	2	1.79	0.005	0.11	0.4	3.5	0.08	0.05	129	0.2	<0.02	5.5	1.00	<0.1
1267009	Soil	11.8	23.6	0.48	167.2	0.004	1	1.52	0.004	0.08	<0.1	3.6	0.08	0.03	210	0.1	<0.02	4.4	0.93	<0.1
1267010	Soil	9.8	23.9	0.45	302.9	0.005	2	1.60	0.011	0.12	<0.1	3.3	0.09	0.08	128	0.4	0.03	5.0	1.32	<0.1
1267011	Soil	6.2	14.2	0.36	98.2	0.004	1	0.95	0.004	0.05	<0.1	1.7	0.05	0.06	123	0.3	<0.02	3.0	0.65	<0.1
1267012	Soil	5.5	14.3	0.34	127.7	0.005	2	0.96	0.005	0.05	<0.1	1.6	0.06	0.07	82	0.4	<0.02	2.9	0.87	<0.1
1267013	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.
1267014	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.
1267015	Soil	7.7	31.9	0.35	107.2	0.008	<1	1.81	0.002	0.09	0.1	2.7	0.11	0.02	30	0.2	0.04	8.0	1.92	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10
1267958	Soil	0.85	17.9	0.9	<0.05	1.0	2.71	23.1	0.03	<1	0.6	25.9	<10
1267959	Soil	0.58	15.6	0.7	<0.05	1.6	2.96	13.8	0.04	<1	0.8	29.7	<10
1267960	Soil	0.26	13.0	0.6	<0.05	2.3	3.26	11.5	0.03	<1	1.0	29.4	<10
1267961	Soil	0.19	16.3	0.8	<0.05	2.5	4.44	11.8	0.05	<1	1.2	48.1	<10
1097040	Soil	0.67	15.0	0.9	<0.05	1.6	2.16	18.1	0.03	<1	0.3	32.9	<10
1097041	Soil	0.22	14.2	0.9	<0.05	0.6	2.42	9.0	0.03	<1	0.5	5.4	<10
1097042	Soil	0.32	21.2	1.2	<0.05	2.6	3.86	11.8	0.07	<1	1.1	56.4	<10
1097043	Soil	0.54	19.2	1.0	<0.05	2.5	3.93	15.9	0.04	<1	1.1	29.0	<10
1097044	Soil	0.38	14.6	1.2	<0.05	1.4	4.88	19.9	0.04	<1	1.1	33.7	<10
1097045	Soil	0.56	20.2	1.3	<0.05	2.4	2.67	12.6	0.03	<1	0.8	21.1	<10
1097046	Soil	0.37	22.1	1.2	<0.05	2.1	8.39	31.0	0.04	<1	1.8	39.0	<10
1097047	Soil	0.49	16.7	1.2	<0.05	2.2	7.24	18.8	0.04	<1	1.2	40.4	<10
1097048	Soil	0.36	13.2	1.2	<0.05	1.7	8.68	21.5	0.05	<1	1.4	38.9	<10
1097049	Soil	0.50	15.3	1.0	<0.05	2.2	17.96	23.4	0.04	<1	1.6	39.7	<10
1097050	Soil	0.41	18.0	1.1	<0.05	1.7	7.78	19.8	0.04	<1	1.6	38.1	<10
1267001	Soil	0.44	17.4	1.1	<0.05	1.9	8.25	20.5	0.03	<1	1.8	41.0	<10
1267002	Soil	0.40	8.9	0.7	0.07	1.6	9.83	17.4	0.09	2	0.9	19.2	<10
1267003	Soil	0.31	5.3	0.6	<0.05	1.4	4.22	12.5	0.04	1	0.8	26.6	<10
1267004	Soil	0.07	2.5	0.7	<0.05	0.6	5.98	9.5	<0.02	1	0.5	4.4	<10
1267005	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.
1267006	Soil	0.21	6.3	0.6	<0.05	1.7	7.70	12.7	0.03	<1	0.6	25.6	<10
1267007	Soil	0.89	10.7	0.6	<0.05	1.8	12.38	31.7	0.05	<1	1.4	20.9	<10
1267008	Soil	0.50	11.1	0.6	<0.05	2.8	8.55	18.9	0.04	<1	1.0	30.0	<10
1267009	Soil	0.53	8.9	0.5	<0.05	1.6	10.76	24.5	0.03	<1	1.0	25.3	<10
1267010	Soil	0.48	12.6	0.5	<0.05	1.7	10.25	19.1	0.02	<1	0.9	28.1	<10
1267011	Soil	0.39	6.5	0.4	<0.05	1.4	5.62	13.0	<0.02	<1	0.6	15.7	<10
1267012	Soil	0.42	8.9	0.3	<0.05	1.0	6.02	11.1	<0.02	<1	0.6	15.4	<10
1267013	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.
1267014	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.
1267015	Soil	1.28	16.9	0.9	<0.05	1.0	2.78	15.3	0.04	<1	0.7	26.4	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1267016	Soil	0.72	23.20	17.45	76.4	136	24.8	11.6	302	4.97	2.9	0.9	0.4	4.7	5.4	0.12	0.44	0.40	46	0.03	0.034
1267017	Soil	0.52	22.14	16.59	61.6	110	24.2	10.9	393	3.17	2.4	1.6	2.0	4.8	61.6	0.08	0.22	0.32	39	0.31	0.024
1267018	Soil	0.51	26.57	25.91	71.6	207	23.1	11.8	332	3.75	2.6	0.9	0.4	3.8	64.1	0.17	0.18	0.36	37	0.32	0.028
1267019	Soil	1.05	37.09	41.26	134.6	175	33.3	23.9	1634	7.18	5.4	0.8	0.6	4.4	5.4	0.18	0.31	0.49	49	0.03	0.052
1267020	Soil	1.31	22.96	24.46	142.7	94	24.5	15.4	1496	5.86	8.3	0.5	<0.2	3.2	7.6	0.20	0.59	0.50	54	0.05	0.075
1267021	Soil	0.25	10.66	17.79	123.0	87	25.0	13.0	178	4.66	0.7	1.2	<0.2	5.3	3.8	0.13	0.24	0.37	44	0.03	0.025
1267022	Soil	0.63	22.91	18.00	117.3	69	23.0	11.5	472	4.90	2.6	0.5	<0.2	3.3	6.8	0.17	0.21	0.55	40	0.06	0.053
1267023	Soil	0.62	18.12	19.99	133.7	195	19.4	9.2	353	5.16	3.5	0.5	1.1	3.1	5.2	0.19	0.26	0.44	49	0.02	0.054
1267024	Soil	0.81	17.45	15.87	95.1	72	18.2	10.0	435	5.20	6.0	0.5	1.2	3.5	4.9	0.14	0.39	0.38	50	0.02	0.051
1267025	Soil	0.62	22.16	17.63	70.3	48	21.5	10.3	383	4.71	4.8	0.5	<0.2	3.4	6.5	0.08	0.30	0.37	41	0.04	0.045
1267026	Soil	0.57	22.14	21.83	136.6	50	21.7	14.6	886	4.45	2.2	0.8	<0.2	4.0	9.9	0.14	0.29	0.42	48	0.21	0.035
1267027	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.
1267028	Soil	0.57	7.93	14.16	47.6	18	10.9	5.5	186	3.08	5.0	0.3	1.2	2.6	10.5	0.07	0.26	0.40	40	0.20	0.018
1267029	Soil	0.78	22.98	16.58	54.1	197	16.7	13.2	845	2.55	5.5	0.8	1.9	1.6	87.8	0.30	0.32	0.33	35	1.31	0.073
1267030	Soil	0.64	21.76	16.77	48.4	158	17.4	6.4	185	2.72	4.6	0.7	1.2	2.3	9.3	0.13	0.27	0.51	34	0.08	0.037
617701	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.
617702	Soil	0.34	24.84	23.44	108.4	86	24.1	12.2	338	3.22	7.8	0.6	1.1	2.7	83.0	0.14	0.40	0.34	14	0.88	0.043
617703	Soil	0.43	27.80	24.84	118.8	96	27.1	11.9	291	3.29	8.8	0.7	1.9	2.5	103.7	0.19	0.44	0.33	16	1.02	0.045
1267731	Soil	0.54	20.06	23.91	237.8	167	19.2	20.8	1635	4.48	4.2	0.5	1.5	3.6	7.7	0.20	0.30	0.44	40	0.05	0.045
1267732	Soil	0.61	24.50	31.71	162.2	61	24.5	21.9	2384	4.51	5.6	0.5	0.8	3.6	12.1	0.11	0.23	0.46	39	0.12	0.059
1267733	Soil	0.65	24.91	44.89	151.7	79	24.5	22.5	2078	4.51	6.3	0.6	1.1	4.0	11.3	0.11	0.28	0.51	36	0.09	0.061
1267734	Soil	0.30	17.33	22.68	124.8	38	23.5	12.9	320	3.74	5.0	0.3	0.3	2.8	8.1	0.05	0.13	0.37	32	0.05	0.035
1267735	Soil	0.40	11.44	14.27	88.5	179	18.7	11.9	876	3.00	2.0	0.5	0.4	3.0	20.1	0.08	0.20	0.29	34	0.30	0.032
1267736	Soil	0.41	18.46	15.27	91.1	89	24.1	11.5	220	4.10	4.0	0.6	0.5	3.7	8.9	0.06	0.21	0.36	35	0.06	0.028
1267737	Soil	0.43	8.25	12.65	66.6	23	16.7	8.9	175	3.22	2.4	0.6	0.8	3.5	6.1	0.06	0.28	0.28	38	0.04	0.021
1267738	Soil	0.83	17.32	23.23	79.4	101	24.1	10.6	334	4.04	8.0	0.6	0.7	4.1	7.9	0.08	0.48	0.35	39	0.05	0.031
1267739	Soil	0.33	11.50	16.07	56.6	50	17.7	9.0	1194	3.52	1.1	0.7	0.6	3.8	5.6	0.13	0.23	0.33	33	0.04	0.022
1267740	Soil	0.29	23.60	23.28	78.7	113	36.7	12.9	498	4.13	6.0	0.5	0.7	4.0	15.4	0.08	0.22	0.37	29	0.34	0.029
1267741	Soil	0.40	14.81	19.19	71.3	34	24.1	11.1	394	3.51	5.2	0.6	1.0	3.8	16.2	0.08	0.20	0.30	34	0.30	0.022
1267742	Soil	0.46	12.36	14.23	67.3	137	20.4	9.5	362	2.89	4.4	1.0	0.5	4.2	29.0	0.09	0.29	0.25	33	0.26	0.015



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1267016	Soil	5.5	36.2	0.43	117.6	0.005	<1	1.86	0.003	0.12	<0.1	2.9	0.10	<0.02	21	0.2	0.04	8.4	2.11	<0.1
1267017	Soil	12.8	34.1	0.57	228.0	0.007	<1	1.88	0.005	0.09	<0.1	4.1	0.10	<0.02	12	<0.1	<0.02	6.8	1.94	<0.1
1267018	Soil	6.2	34.6	0.52	404.3	0.003	<1	2.14	0.004	0.10	<0.1	3.5	0.09	<0.02	22	0.1	<0.02	8.2	2.69	<0.1
1267019	Soil	4.9	47.2	0.58	146.9	0.003	<1	2.96	0.001	0.10	<0.1	5.2	0.11	<0.02	46	0.3	0.04	11.2	4.48	<0.1
1267020	Soil	7.3	41.2	0.44	121.4	0.007	<1	2.22	0.001	0.08	0.1	2.8	0.10	0.02	41	0.3	0.05	9.2	1.87	<0.1
1267021	Soil	2.3	41.6	0.39	166.4	0.005	<1	1.94	0.003	0.12	<0.1	3.1	0.13	<0.02	16	<0.1	<0.02	8.1	1.39	<0.1
1267022	Soil	4.0	35.3	0.46	154.5	0.001	<1	2.35	0.002	0.09	<0.1	3.1	0.09	0.02	27	0.2	<0.02	9.7	1.98	<0.1
1267023	Soil	5.3	35.6	0.37	185.7	0.003	<1	2.37	0.003	0.09	<0.1	3.3	0.14	<0.02	20	0.2	0.03	10.8	1.31	<0.1
1267024	Soil	7.8	32.3	0.34	111.3	0.004	<1	2.08	0.001	0.07	<0.1	2.9	0.14	<0.02	24	0.2	0.03	10.2	1.84	<0.1
1267025	Soil	5.9	32.4	0.38	165.2	0.002	<1	2.10	0.001	0.09	<0.1	2.7	0.10	<0.02	15	0.2	0.03	8.5	1.27	<0.1
1267026	Soil	4.1	33.6	0.40	334.9	0.003	<1	2.21	0.002	0.11	<0.1	3.2	0.17	<0.02	13	<0.1	0.02	8.2	2.08	<0.1
1267027	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.
1267028	Soil	7.2	20.0	0.26	78.4	0.008	2	1.17	0.002	0.08	<0.1	1.8	0.09	<0.02	7	<0.1	0.05	7.7	0.94	<0.1
1267029	Soil	7.8	24.6	0.44	709.0	0.010	3	1.29	0.002	0.06	<0.1	2.8	0.06	0.06	58	0.4	0.03	5.2	0.90	<0.1
1267030	Soil	10.2	23.2	0.30	170.8	0.005	2	1.60	0.002	0.07	<0.1	2.3	0.11	<0.02	25	0.2	0.04	6.2	1.22	<0.1
617701	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.
617702	Soil	4.4	17.1	0.36	87.2	0.001	5	0.97	0.001	0.08	<0.1	3.3	0.09	0.04	65	0.3	0.04	3.2	1.22	<0.1
617703	Soil	4.1	17.5	0.34	102.6	0.002	7	1.04	0.001	0.09	<0.1	3.9	0.10	0.05	78	0.4	0.05	3.4	1.18	<0.1
1267731	Soil	8.0	31.9	0.32	313.2	0.004	3	2.44	<0.001	0.15	<0.1	3.6	0.20	<0.02	31	0.2	0.05	9.6	2.29	<0.1
1267732	Soil	7.4	34.4	0.36	381.2	0.002	2	2.52	0.001	0.17	<0.1	3.5	0.22	<0.02	22	0.2	0.04	9.3	2.93	<0.1
1267733	Soil	7.4	33.4	0.38	173.0	0.003	1	2.25	0.002	0.15	<0.1	4.1	0.19	<0.02	21	0.2	0.04	8.9	3.16	<0.1
1267734	Soil	4.3	35.6	0.46	219.1	0.001	2	2.52	<0.001	0.17	<0.1	3.0	0.16	<0.02	12	<0.1	0.03	9.6	1.74	<0.1
1267735	Soil	6.7	26.8	0.32	508.7	0.005	2	1.64	0.003	0.23	<0.1	2.3	0.14	<0.02	17	0.1	0.03	6.8	0.85	<0.1
1267736	Soil	3.8	34.7	0.48	235.7	0.004	2	2.22	<0.001	0.16	<0.1	3.0	0.16	<0.02	15	<0.1	0.02	8.9	2.25	<0.1
1267737	Soil	5.3	28.9	0.32	222.6	0.012	2	1.45	0.002	0.19	0.1	2.2	0.19	<0.02	7	<0.1	0.03	7.1	1.80	<0.1
1267738	Soil	8.2	31.0	0.44	130.9	0.006	3	1.90	<0.001	0.12	<0.1	2.5	0.13	<0.02	19	0.2	0.04	6.7	1.60	<0.1
1267739	Soil	5.1	27.1	0.21	299.5	0.006	2	1.26	0.002	0.17	<0.1	2.2	0.13	<0.02	24	<0.1	0.04	5.6	1.00	<0.1
1267740	Soil	5.4	33.3	0.64	132.2	0.003	2	2.24	0.001	0.14	<0.1	3.8	0.10	<0.02	25	0.2	0.04	7.0	1.09	<0.1
1267741	Soil	9.0	30.3	0.49	179.6	0.004	2	2.03	0.001	0.13	<0.1	3.2	0.12	<0.02	16	<0.1	0.02	7.5	1.14	<0.1
1267742	Soil	11.1	28.9	0.51	153.3	0.011	3	1.70	0.005	0.11	<0.1	3.1	0.11	<0.02	28	0.1	<0.02	5.8	1.12	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10
1267016	Soil	0.87	18.1	0.9	<0.05	1.4	2.72	11.2	0.05	<1	0.8	31.5	<10
1267017	Soil	0.85	16.0	0.8	<0.05	1.2	8.72	24.5	0.03	<1	1.3	56.2	<10
1267018	Soil	0.67	17.7	0.9	<0.05	1.4	4.59	13.0	0.04	<1	1.2	52.5	<10
1267019	Soil	0.67	18.6	1.7	<0.05	2.5	4.64	10.9	0.07	<1	1.3	50.9	<10
1267020	Soil	1.08	14.7	0.9	<0.05	1.4	2.70	14.7	0.04	<1	0.9	43.4	<10
1267021	Soil	0.76	21.0	1.4	<0.05	1.2	2.15	4.9	0.03	<1	0.5	23.7	<10
1267022	Soil	0.67	16.5	1.2	<0.05	1.7	2.82	9.0	0.03	<1	1.0	43.3	<10
1267023	Soil	0.72	20.8	1.1	<0.05	1.5	2.76	11.3	0.04	<1	0.7	41.1	<10
1267024	Soil	0.75	19.7	1.0	<0.05	1.2	2.70	16.0	0.04	<1	0.5	32.3	<10
1267025	Soil	0.79	15.6	0.8	<0.05	1.6	2.47	11.9	0.03	<1	0.8	35.2	<10
1267026	Soil	0.67	17.6	1.1	<0.05	1.0	2.02	8.4	0.04	<1	0.9	26.6	<10
1267027	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.
1267028	Soil	0.73	13.8	0.8	<0.05	0.7	1.97	15.1	0.04	<1	0.2	11.0	<10
1267029	Soil	0.83	8.3	0.6	<0.05	1.4	5.62	16.6	0.03	<1	0.8	18.3	<10
1267030	Soil	0.77	12.2	0.9	<0.05	0.7	4.89	23.4	0.03	<1	0.7	19.3	<10
617701	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.
617702	Soil	0.21	7.4	0.5	<0.05	2.2	7.21	11.9	0.04	<1	0.8	34.4	<10
617703	Soil	0.23	8.1	0.4	<0.05	2.0	7.45	10.9	0.04	<1	0.7	38.3	<10
1267731	Soil	0.54	31.3	1.4	<0.05	1.7	4.04	19.2	0.03	<1	1.0	49.7	<10
1267732	Soil	0.42	29.4	1.1	<0.05	1.8	3.63	19.7	0.04	<1	1.7	47.7	<10
1267733	Soil	0.50	26.2	1.1	<0.05	1.8	4.99	20.0	0.03	<1	1.7	42.3	<10
1267734	Soil	0.32	26.7	1.1	<0.05	1.4	2.96	9.5	0.04	<1	1.4	50.2	<10
1267735	Soil	0.77	26.3	1.2	<0.05	0.8	2.13	13.8	0.03	<1	0.8	23.8	<10
1267736	Soil	0.74	24.9	1.2	<0.05	1.6	2.74	8.3	0.03	<1	1.0	40.5	<10
1267737	Soil	0.83	29.4	1.5	<0.05	0.5	2.14	11.0	0.03	<1	0.4	13.4	<10
1267738	Soil	0.92	17.8	0.9	<0.05	2.0	2.80	17.6	0.03	<1	0.9	41.9	<10
1267739	Soil	0.94	24.2	1.2	<0.05	0.6	1.99	10.9	0.02	<1	0.7	9.8	<10
1267740	Soil	0.47	14.4	0.9	<0.05	1.6	5.34	15.7	0.04	<1	1.5	43.0	<10
1267741	Soil	0.57	17.5	0.9	<0.05	1.5	4.58	20.8	0.04	<1	1.1	33.3	<10
1267742	Soil	0.75	15.7	0.9	<0.05	2.0	5.02	23.5	0.03	<1	0.7	30.0	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1267743	Soil	0.33	10.45	20.46	127.2	24	13.2	7.1	372	3.44	4.8	0.5	0.7	2.8	9.8	0.11	0.19	0.33	27	0.20
1267744	Soil	0.49	16.16	24.85	67.3	64	21.7	9.9	604	3.14	14.6	0.6	0.5	3.7	37.2	0.13	0.56	0.32	20	0.37
1267745	Soil	0.49	13.63	23.56	63.3	80	18.6	9.0	626	2.74	9.8	1.0	0.3	2.9	76.0	0.16	0.36	0.29	19	0.85
1267746	Soil	0.32	19.89	24.68	66.4	119	22.0	9.0	456	2.92	6.5	0.8	0.5	2.8	108.6	0.24	0.31	0.35	15	1.07
1267747	Soil	0.62	15.88	43.41	655.6	103	22.1	12.2	2448	5.84	24.4	1.0	1.1	2.8	56.9	1.22	1.38	0.34	33	0.89
1267748	Soil	0.51	13.02	24.57	136.2	23	17.5	9.7	900	2.98	12.6	0.4	0.6	2.7	27.9	0.37	0.65	0.27	25	0.61
1267749	Soil	0.46	16.42	34.01	85.8	143	19.5	8.0	474	2.50	38.8	1.3	4.2	1.3	124.7	0.25	2.03	0.25	20	6.72
1267750	Soil	0.54	27.06	31.25	104.0	135	40.3	15.0	448	3.18	7.0	0.6	0.9	3.1	225.5	0.14	0.30	0.33	9	4.75
1267761	Soil	0.45	10.79	14.10	43.2	126	9.1	4.9	256	2.45	2.9	0.4	<0.2	2.4	6.7	0.09	0.20	0.28	36	0.07
1267762	Soil	0.40	13.11	16.36	103.9	270	18.6	12.0	659	3.10	3.7	0.3	0.5	2.7	12.8	0.11	0.16	0.27	33	0.17
1267763	Soil	0.37	10.05	16.39	74.7	37	14.7	7.3	232	3.55	3.8	0.4	<0.2	2.8	5.7	0.05	0.16	0.31	33	0.05
1267764	Soil	0.33	18.76	20.21	66.1	83	23.4	10.2	226	4.58	5.6	0.3	<0.2	3.1	3.8	0.02	0.15	0.37	31	0.02
1267765	Soil	0.56	9.46	13.95	57.8	85	14.0	6.6	208	3.09	4.0	0.3	0.7	3.2	8.2	0.05	0.25	0.28	37	0.07
1267766	Soil	0.49	15.85	22.31	98.6	36	27.3	12.4	282	3.74	5.2	0.4	0.9	3.9	5.9	0.06	0.23	0.28	37	0.05
1267767	Soil	0.34	9.98	13.79	76.8	111	17.8	9.1	272	3.32	3.4	0.4	0.9	3.0	8.2	0.04	0.15	0.30	32	0.07
1267768	Soil	0.42	13.60	18.13	54.1	31	17.7	8.7	260	3.45	6.6	0.3	0.3	2.9	6.7	0.05	0.24	0.27	35	0.05
1267769	Soil	0.37	12.30	9.33	62.0	16	18.6	10.3	167	2.69	2.2	0.4	0.3	2.8	5.0	0.03	0.15	0.34	33	0.03
1267770	Soil	0.28	32.00	20.19	74.4	35	28.9	11.2	269	4.01	6.7	0.4	0.4	4.5	5.3	0.02	0.22	0.30	29	0.03
1267771	Soil	0.37	10.78	17.46	47.7	52	15.3	7.4	227	3.14	5.0	0.3	4.3	1.8	5.1	0.06	0.23	0.52	29	0.05
1267772	Soil	0.75	13.88	17.45	89.7	121	11.9	7.7	381	2.33	3.9	0.2	2.6	0.7	7.5	0.35	0.41	0.43	25	0.08
1267773	Soil	0.47	18.45	31.92	74.2	150	24.2	9.8	312	4.18	6.2	0.8	2.3	2.7	40.9	0.07	0.23	0.52	13	0.57
1267774	Soil	0.58	11.14	25.48	66.0	41	13.9	7.7	272	3.07	10.6	0.4	2.4	2.0	16.8	0.06	0.44	0.38	31	0.18
1267775	Soil	0.41	14.92	22.90	51.1	103	18.1	9.2	385	2.59	5.5	0.4	1.2	3.3	49.7	0.06	0.18	0.32	15	0.38
1267776	Soil	0.61	15.34	23.24	57.4	108	17.2	7.5	458	2.75	11.1	0.6	0.4	2.4	59.9	0.17	0.45	0.59	29	0.84
1267777	Soil	0.39	13.49	24.39	71.7	93	16.4	6.6	581	2.13	18.9	0.5	3.8	0.9	247.0	0.20	1.20	0.31	14	7.10
1267778	Soil	1.22	11.16	32.31	88.3	24	22.7	22.8	1274	5.10	12.5	1.0	3.5	4.3	5.1	0.11	0.72	0.43	40	0.05
1267779	Soil	0.69	24.64	26.62	86.7	23	24.3	19.3	776	4.21	9.6	1.0	1.4	5.7	3.7	0.11	0.42	0.43	31	0.02
1267780	Soil	1.00	24.69	56.00	104.8	22	21.9	19.4	964	4.39	11.0	0.8	2.2	4.2	4.6	0.08	0.46	0.44	37	0.02
1267781	Soil	0.96	23.09	36.10	100.3	18	23.2	16.6	1152	4.02	10.2	0.8	1.9	3.8	4.5	0.15	0.47	0.42	36	0.02
1267782	Soil	1.36	19.35	31.41	81.2	19	18.8	13.7	1167	3.81	11.2	0.7	1.8	0.7	5.4	0.15	0.63	0.39	45	0.03



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1267743	Soil	7.0	20.4	0.28	136.5	0.001	1	1.82	<0.001	0.07	<0.1	2.1	0.14	<0.02	14	<0.1	0.02	5.3	1.22	<0.1
1267744	Soil	9.3	16.4	0.24	207.5	0.003	3	1.17	0.001	0.13	<0.1	3.7	0.09	0.03	58	0.1	0.03	3.2	0.85	<0.1
1267745	Soil	14.7	13.8	0.16	324.8	0.005	4	1.05	0.002	0.11	<0.1	3.5	0.11	0.03	51	0.2	0.04	2.9	0.86	<0.1
1267746	Soil	12.2	13.5	0.18	272.1	0.003	4	1.09	0.002	0.11	<0.1	4.1	0.11	0.05	34	0.2	0.03	2.7	0.93	<0.1
1267747	Soil	12.4	25.5	0.30	346.3	0.006	4	1.86	0.003	0.13	<0.1	3.9	0.12	0.04	62	0.2	0.04	5.6	1.43	<0.1
1267748	Soil	8.1	19.2	0.31	168.7	0.004	3	1.34	<0.001	0.10	<0.1	2.7	0.11	0.03	60	0.2	0.03	4.1	0.71	<0.1
1267749	Soil	12.5	14.8	1.10	114.1	0.002	6	1.04	0.003	0.06	<0.1	2.1	0.11	0.05	413	0.4	0.05	2.6	0.58	<0.1
1267750	Soil	3.1	10.9	0.34	83.3	0.002	6	0.71	0.003	0.12	<0.1	3.5	0.14	0.10	81	0.4	0.05	2.0	2.71	<0.1
1267761	Soil	7.6	17.4	0.15	165.5	0.005	<1	1.24	0.001	0.09	<0.1	1.6	0.10	<0.02	14	<0.1	0.04	6.0	0.72	<0.1
1267762	Soil	5.8	27.5	0.35	451.8	0.002	1	2.09	<0.001	0.16	<0.1	2.3	0.14	<0.02	19	<0.1	0.03	7.0	0.78	<0.1
1267763	Soil	5.2	24.4	0.32	117.7	0.002	<1	1.72	<0.001	0.09	<0.1	2.2	0.11	<0.02	68	<0.1	0.02	7.1	0.78	<0.1
1267764	Soil	3.6	32.8	0.46	81.5	0.002	<1	2.08	<0.001	0.06	<0.1	2.8	0.10	<0.02	29	0.1	0.02	7.8	1.23	<0.1
1267765	Soil	8.2	21.5	0.30	236.5	0.003	1	1.79	<0.001	0.11	<0.1	1.9	0.13	<0.02	12	<0.1	0.03	6.4	1.08	<0.1
1267766	Soil	7.3	34.1	0.53	103.4	0.006	1	2.27	<0.001	0.08	<0.1	2.6	0.13	<0.02	17	0.1	0.02	7.0	1.36	<0.1
1267767	Soil	6.2	27.3	0.41	105.7	0.005	<1	1.61	0.002	0.11	<0.1	2.3	0.09	<0.02	20	<0.1	0.03	6.9	1.20	<0.1
1267768	Soil	6.6	23.9	0.38	79.8	0.004	2	1.70	<0.001	0.06	<0.1	2.0	0.08	<0.02	50	<0.1	0.02	6.0	0.95	<0.1
1267769	Soil	5.2	26.7	0.42	111.3	0.009	2	1.64	0.001	0.13	<0.1	2.4	0.15	<0.02	15	<0.1	<0.02	7.3	2.26	<0.1
1267770	Soil	4.4	30.7	0.54	91.6	0.004	1	2.00	<0.001	0.08	<0.1	3.1	0.10	<0.02	61	<0.1	0.02	6.4	1.26	<0.1
1267771	Soil	4.2	22.1	0.33	86.0	0.002	2	1.40	<0.001	0.06	<0.1	1.7	0.09	<0.02	40	0.1	0.02	6.0	0.59	<0.1
1267772	Soil	3.3	8.6	0.03	86.8	0.004	2	0.48	0.001	0.06	<0.1	1.0	0.07	0.02	13	<0.1	0.03	2.8	1.43	<0.1
1267773	Soil	6.9	7.5	0.06	165.0	<0.001	2	0.77	<0.001	0.06	<0.1	4.0	0.17	0.04	129	0.3	0.03	1.4	0.99	<0.1
1267774	Soil	5.1	16.1	0.20	171.6	0.002	2	1.25	<0.001	0.05	0.1	1.8	0.13	<0.02	28	0.2	0.04	4.4	1.10	<0.1
1267775	Soil	7.3	10.7	0.14	153.4	0.001	2	1.02	0.001	0.08	<0.1	2.4	0.18	<0.02	69	0.2	<0.02	2.8	0.71	<0.1
1267776	Soil	7.0	18.2	0.21	227.3	0.003	2	1.36	0.002	0.07	0.1	2.3	0.12	0.03	67	0.3	0.04	4.1	0.94	<0.1
1267777	Soil	6.4	11.2	0.45	237.0	0.002	4	0.91	0.003	0.06	<0.1	1.5	0.08	0.12	128	0.4	0.02	2.1	0.37	<0.1
1267778	Soil	4.7	35.5	0.38	132.1	0.011	2	1.61	0.002	0.10	0.2	3.5	0.12	<0.02	22	0.4	0.09	6.3	5.83	<0.1
1267779	Soil	2.2	31.3	0.39	76.8	0.005	2	1.56	0.003	0.10	0.2	3.3	0.14	<0.02	29	0.2	0.03	5.2	3.22	<0.1
1267780	Soil	4.9	31.2	0.38	88.0	0.006	2	1.76	0.002	0.10	0.1	3.1	0.19	<0.02	18	0.3	0.04	6.3	3.04	<0.1
1267781	Soil	5.4	31.0	0.41	90.6	0.006	2	1.69	0.002	0.09	0.1	2.9	0.16	<0.02	34	0.2	0.05	5.9	2.47	<0.1
1267782	Soil	6.8	30.5	0.34	84.5	0.008	1	1.64	0.002	0.07	0.2	1.4	0.15	0.03	16	0.4	0.05	6.8	2.36	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1267743	Soil	0.28	13.4	0.7	<0.05	1.6	2.43	16.2	0.04	<1	0.6	25.7	<10
1267744	Soil	0.36	11.6	0.5	<0.05	1.4	7.96	35.0	0.03	<1	0.9	16.5	<10
1267745	Soil	0.43	11.9	0.6	<0.05	1.3	10.51	49.9	0.03	<1	0.9	10.4	<10
1267746	Soil	0.42	14.0	0.6	<0.05	2.1	12.99	35.5	0.04	<1	0.9	16.6	<10
1267747	Soil	0.68	16.2	0.8	<0.05	2.1	10.93	30.1	0.03	<1	1.1	14.3	<10
1267748	Soil	0.53	10.2	0.5	<0.05	1.6	4.86	23.8	0.02	<1	0.7	16.6	<10
1267749	Soil	0.36	4.9	0.5	<0.05	2.1	15.22	24.1	0.02	2	0.7	9.4	<10
1267750	Soil	0.09	9.8	3.5	<0.05	1.9	8.36	9.3	0.03	<1	0.8	27.9	<10
1267761	Soil	0.74	17.3	1.0	<0.05	0.5	1.91	15.7	<0.02	<1	0.2	9.1	<10
1267762	Soil	0.43	18.9	1.1	<0.05	1.1	2.25	12.9	0.03	<1	0.8	30.7	<10
1267763	Soil	0.46	15.9	0.9	<0.05	1.2	2.17	10.9	0.03	<1	0.5	27.7	<10
1267764	Soil	0.43	13.4	0.8	<0.05	1.6	2.90	8.4	0.03	<1	0.8	40.9	<10
1267765	Soil	0.58	20.0	1.1	<0.05	1.4	2.34	17.1	0.03	<1	0.9	26.8	<10
1267766	Soil	0.56	20.5	0.9	<0.05	1.8	2.61	15.9	0.03	<1	0.9	41.5	<10
1267767	Soil	0.63	19.6	0.9	<0.05	1.1	2.21	13.0	0.03	<1	0.5	27.6	<10
1267768	Soil	0.50	14.3	0.7	<0.05	1.6	2.29	13.8	0.03	<1	0.5	33.3	<10
1267769	Soil	0.79	24.9	1.5	<0.05	0.6	2.30	11.4	0.02	<1	0.5	17.7	<10
1267770	Soil	0.34	13.5	0.9	<0.05	2.1	2.65	10.6	0.03	<1	1.4	36.5	<10
1267771	Soil	0.44	13.9	1.0	<0.05	0.5	1.96	9.9	0.04	<1	0.5	17.3	<10
1267772	Soil	0.32	10.1	1.7	<0.05	0.2	1.22	7.1	<0.02	3	0.3	2.4	<10
1267773	Soil	0.09	10.7	0.7	<0.05	1.6	13.14	24.2	0.06	<1	1.1	6.5	<10
1267774	Soil	0.44	11.1	0.7	<0.05	0.5	2.18	11.8	0.04	2	0.6	15.0	<10
1267775	Soil	0.18	10.8	0.6	<0.05	0.9	5.81	33.0	0.04	<1	0.8	11.4	<10
1267776	Soil	0.68	10.9	0.6	<0.05	1.5	4.30	18.8	0.02	<1	0.6	14.5	<10
1267777	Soil	0.24	3.8	0.4	<0.05	1.6	7.48	16.8	0.02	<1	0.6	7.3	<10
1267778	Soil	0.62	14.8	1.9	<0.05	0.6	4.63	13.5	0.05	<1	1.7	25.4	<10
1267779	Soil	0.46	13.9	1.5	<0.05	1.6	5.17	6.1	0.05	1	1.0	25.7	<10
1267780	Soil	0.57	15.4	2.4	<0.05	1.5	4.36	11.9	0.05	<1	0.8	22.6	<10
1267781	Soil	0.59	14.7	1.1	<0.05	1.2	4.60	13.5	0.04	<1	0.8	25.5	<10
1267782	Soil	0.48	12.6	1.2	<0.05	0.2	3.84	15.8	0.04	<1	0.6	17.9	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1267783	Soil	1.01	26.42	89.96	238.8	18	37.9	18.6	1862	4.95	11.3	1.1	2.5	5.7	5.1	0.27	0.47	0.35	34	0.03
1267784	Soil	1.25	21.10	25.34	76.0	5	20.7	14.3	1230	3.63	12.1	0.9	0.6	3.2	5.3	0.12	0.56	0.35	43	0.03
1267785	Soil	0.94	18.96	35.17	78.3	10	24.8	19.5	1309	4.51	13.0	0.8	1.3	5.4	3.8	0.10	0.44	0.41	31	0.02
1267786	Soil	1.32	9.36	14.40	35.7	7	7.8	9.4	847	2.32	9.7	0.6	1.3	2.2	4.4	0.07	0.57	0.32	46	0.02
1267787	Soil	1.40	107.0	41.40	85.2	7	25.9	24.4	4046	4.51	27.5	1.3	0.6	6.1	5.0	0.14	0.58	0.51	33	0.02
617040	Soil	0.46	20.45	21.45	67.9	44	20.3	9.7	324	3.25	22.2	0.8	1.7	2.8	54.0	0.08	0.53	0.29	18	0.69
617041	Soil	0.50	22.60	28.15	77.3	153	24.8	11.5	473	3.45	24.9	1.1	4.3	3.4	55.3	0.08	0.89	0.33	21	1.34
617072	Soil	0.55	16.91	39.56	66.9	186	16.5	8.2	1619	3.33	20.3	0.7	2.9	1.7	43.7	0.20	1.97	0.20	20	6.75
617073	Soil	0.58	16.44	24.40	87.2	191	19.9	9.5	1456	3.40	16.2	0.6	1.0	2.6	45.6	0.18	0.87	0.24	23	5.43
617074	Soil	0.59	18.24	22.52	103.7	74	22.7	10.5	641	3.65	10.2	0.8	<0.2	3.3	19.7	0.21	0.54	0.28	28	1.08
617075	Soil	0.54	25.05	25.17	84.0	138	29.1	11.6	416	3.64	12.4	0.7	1.3	4.8	40.6	0.11	0.59	0.31	21	1.17
617076	Soil	0.42	20.98	25.41	76.0	82	24.5	10.5	455	3.83	13.0	0.9	1.1	3.9	23.7	0.08	0.59	0.31	20	0.67
617077	Soil	0.56	20.11	30.37	78.8	78	22.8	11.5	1258	4.24	13.3	1.0	1.1	4.1	20.0	0.19	0.56	0.29	24	1.57
617078	Soil	0.46	21.90	25.98	63.1	166	22.7	10.8	960	3.37	14.6	0.7	2.0	2.5	34.0	0.13	1.00	0.26	21	4.41
617079	Soil	0.58	21.09	29.16	85.4	38	24.3	12.3	1062	4.07	14.7	0.8	1.0	4.7	17.2	0.19	0.76	0.31	26	1.67
617080	Soil	0.60	20.90	20.61	75.1	138	24.0	10.3	672	3.30	12.6	1.0	2.1	2.0	30.0	0.12	0.79	0.28	25	2.04
617081	Soil	0.50	23.64	22.04	76.3	127	24.8	11.4	522	3.46	12.7	0.8	0.6	3.0	50.2	0.16	0.69	0.29	22	2.22
617082	Soil	0.57	19.82	21.79	71.4	113	24.6	10.2	636	3.69	12.6	0.7	0.8	3.6	20.1	0.14	0.62	0.27	23	1.29
617083	Soil	0.44	24.59	24.43	78.7	109	22.4	9.0	542	3.47	11.3	0.8	1.2	2.6	39.8	0.16	0.57	0.28	18	2.22
617084	Soil	0.51	25.67	22.92	109.3	151	23.2	11.1	419	3.29	12.4	0.9	1.6	2.0	59.5	0.19	0.60	0.29	15	1.45
617085	Soil	0.56	40.54	28.89	107.5	157	31.8	15.1	445	3.83	18.7	1.0	2.3	3.6	82.8	0.19	3.00	0.33	15	1.97
617086	Soil	0.42	27.07	28.93	76.2	157	25.3	10.8	389	3.32	12.0	0.8	1.5	2.5	72.6	0.11	0.64	0.32	15	1.54
617087	Soil	0.37	27.19	29.65	81.9	133	27.4	12.7	531	3.20	10.6	0.7	1.1	2.7	84.3	0.13	0.59	0.30	10	3.53
617088	Soil	0.39	24.79	27.80	75.4	150	24.5	9.9	444	3.18	11.1	1.2	3.0	2.0	65.7	0.19	0.70	0.30	12	1.76
617089	Soil	0.34	29.39	27.01	90.0	116	22.0	9.3	465	3.00	14.0	4.4	4.6	1.4	82.8	0.22	0.80	0.33	13	2.44
617090	Soil	0.59	22.17	30.59	119.7	132	24.3	11.3	1086	3.97	17.8	1.4	3.2	2.2	39.4	0.31	1.07	0.32	21	1.60
617091	Soil	0.38	31.17	30.46	85.5	132	28.7	12.4	404	3.18	9.9	0.7	0.9	2.7	188.4	0.11	0.44	0.27	11	4.32
617092	Soil	0.39	30.70	25.95	95.6	145	28.0	11.9	396	3.17	9.1	0.6	1.1	2.2	104.9	0.11	0.46	0.29	12	2.22
617093	Soil	0.43	28.22	24.26	98.1	175	30.1	10.8	322	3.22	13.7	0.5	1.2	2.0	134.0	0.19	0.44	0.36	16	2.55
617094	Soil	0.63	35.77	32.04	107.1	171	32.5	14.8	487	4.20	16.7	0.9	1.8	4.2	57.3	0.17	0.75	0.34	17	0.56



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	Method	Analyte	Unit	MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15			
					La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
					ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
					0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1267783	Soil				6.4	32.8	0.42	150.4	0.004	2	2.06	0.002	0.13	0.1	4.5	0.28	<0.02	35	0.2	0.07	5.2	2.42	<0.1	0.05
1267784	Soil				6.2	29.3	0.34	125.0	0.007	2	1.60	0.002	0.08	0.2	3.1	0.16	<0.02	11	0.3	0.06	5.8	2.93	<0.1	<0.02
1267785	Soil				3.3	34.8	0.38	63.0	0.006	2	1.72	0.002	0.09	0.2	3.0	0.13	<0.02	29	0.4	0.05	5.3	3.18	<0.1	0.07
1267786	Soil				10.8	17.5	0.11	86.2	0.012	<1	0.97	0.001	0.06	0.2	1.8	0.13	<0.02	8	0.2	<0.02	6.0	2.24	<0.1	<0.02
1267787	Soil				3.9	32.1	0.44	92.1	0.007	2	1.70	0.002	0.09	0.2	3.8	0.10	<0.02	23	0.3	0.06	5.2	4.98	<0.1	0.04
617040	Soil				5.5	17.1	0.25	128.4	0.001	2	1.12	<0.001	0.06	<0.1	3.4	0.10	0.02	92	0.3	0.03	3.0	0.73	<0.1	0.03
617041	Soil				12.4	18.6	0.49	157.6	0.002	3	1.18	0.002	0.05	<0.1	4.6	0.10	0.03	251	0.3	0.05	3.1	0.90	<0.1	0.03
617072	Soil				7.0	15.3	4.59	102.3	0.003	5	1.18	0.005	0.09	<0.1	2.6	0.14	0.08	117	0.4	0.03	2.8	0.60	<0.1	0.05
617073	Soil				8.4	18.1	3.48	98.7	0.006	8	1.24	0.005	0.13	<0.1	3.6	0.09	0.06	123	0.4	<0.02	3.0	0.72	<0.1	0.05
617074	Soil				8.6	22.1	0.76	129.1	0.004	2	1.47	0.002	0.09	<0.1	3.7	0.11	0.02	49	0.3	<0.02	4.3	1.13	<0.1	0.05
617075	Soil				10.6	20.7	0.61	106.7	0.004	4	1.22	0.003	0.09	<0.1	5.4	0.10	0.03	142	0.2	0.05	3.5	1.03	0.1	0.05
617076	Soil				7.1	20.5	0.42	101.6	0.001	3	1.44	0.001	0.11	<0.1	4.2	0.10	<0.02	110	0.1	<0.02	3.8	0.88	<0.1	0.07
617077	Soil				11.1	19.9	0.95	105.8	0.003	4	1.39	0.003	0.11	<0.1	4.7	0.13	0.03	118	0.3	0.05	3.7	0.78	<0.1	0.05
617078	Soil				8.5	18.4	2.89	81.1	0.003	5	1.23	0.004	0.10	<0.1	3.7	0.11	0.07	197	0.4	<0.02	3.1	0.92	<0.1	0.08
617079	Soil				10.3	21.4	1.17	118.0	0.003	3	1.47	0.002	0.09	<0.1	4.5	0.12	0.03	129	0.2	0.03	3.9	0.74	<0.1	0.07
617080	Soil				8.9	20.3	1.22	137.9	0.008	3	1.22	0.004	0.08	<0.1	3.1	0.09	0.05	172	0.4	0.03	3.3	1.25	<0.1	0.03
617081	Soil				8.8	18.9	1.10	125.8	0.004	3	1.30	0.003	0.08	<0.1	4.3	0.09	0.04	209	0.3	0.05	3.6	0.94	<0.1	0.05
617082	Soil				8.9	20.7	0.88	120.9	0.002	2	1.46	0.002	0.08	<0.1	4.1	0.10	0.03	144	0.3	0.03	3.9	0.93	<0.1	0.06
617083	Soil				9.9	16.2	1.19	102.4	0.003	3	1.09	0.004	0.07	<0.1	4.2	0.09	0.05	162	0.5	0.02	2.9	0.96	<0.1	0.06
617084	Soil				6.5	16.1	0.55	80.3	0.003	4	0.90	0.003	0.07	<0.1	4.1	0.08	0.06	145	0.5	0.05	2.6	1.43	<0.1	0.02
617085	Soil				7.5	18.0	0.81	78.7	0.002	4	1.12	0.003	0.09	<0.1	5.4	0.10	0.06	330	0.4	0.06	3.0	1.82	<0.1	0.07
617086	Soil				6.7	15.2	0.49	92.7	0.001	4	1.08	0.002	0.10	<0.1	4.2	0.09	0.04	308	0.3	0.02	3.0	0.79	<0.1	0.06
617087	Soil				4.8	10.4	1.45	75.2	0.001	4	0.72	0.003	0.11	<0.1	4.0	0.11	0.07	326	0.5	0.03	1.9	1.49	<0.1	0.03
617088	Soil				6.0	12.1	0.54	97.7	0.001	5	0.85	0.002	0.09	<0.1	3.6	0.09	0.06	279	0.4	<0.02	2.3	0.76	<0.1	0.03
617089	Soil				5.2	13.5	0.77	126.7	0.001	5	0.99	0.003	0.07	<0.1	2.9	0.11	0.06	165	0.6	0.03	2.5	0.64	<0.1	0.05
617090	Soil				8.8	17.9	0.87	109.6	0.003	3	1.09	0.004	0.07	<0.1	3.4	0.09	0.04	169	0.3	0.04	3.0	0.78	<0.1	0.05
617091	Soil				4.6	12.5	0.65	96.2	0.001	4	0.87	0.004	0.09	<0.1	3.8	0.12	0.04	157	0.4	0.03	2.5	1.55	<0.1	0.06
617092	Soil				5.3	12.9	0.57	103.3	0.001	3	0.86	0.003	0.09	<0.1	3.9	0.11	0.05	223	0.3	0.03	2.5	1.23	<0.1	0.04
617093	Soil				5.4	15.4	0.36	87.1	0.002	3	0.95	0.004	0.06	<0.1	4.2	0.09	0.06	142	0.5	0.02	2.6	1.51	<0.1	0.05
617094	Soil				10.1	18.8	0.41	81.2	0.002	2	1.10	0.003	0.05	<0.1	5.4	0.10	<0.02	407	0.4	0.05	3.0	1.65	<0.1	0.05



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb ppm 0.02	Rb ppm 0.1	Sn ppm 0.1	Ta ppm 0.05	Zr ppm 0.1	Y ppm 0.01	Ce ppm 0.1	In ppm 0.02	Re ppb 1	Be ppm 0.1	Li ppm 0.1	Pd ppb 10
1267783	Soil	0.32	16.2	0.8	<0.05	1.8	6.57	24.0	0.06	<1	1.9	32.7	<10
1267784	Soil	0.48	14.8	0.9	<0.05	0.8	4.99	15.0	0.04	<1	1.4	23.4	<10
1267785	Soil	0.58	14.0	1.2	<0.05	2.0	4.37	9.1	0.06	<1	1.0	31.1	<10
1267786	Soil	0.71	12.0	1.0	<0.05	0.2	2.95	22.0	0.02	<1	0.6	5.8	<10
1267787	Soil	0.43	12.5	1.3	<0.05	1.6	4.55	14.3	0.07	<1	1.4	26.1	<10
617040	Soil	0.23	9.7	0.5	<0.05	1.4	5.31	17.3	0.04	<1	0.9	23.4	<10
617041	Soil	0.34	7.6	0.6	<0.05	1.4	12.08	29.8	0.04	<1	0.9	22.3	<10
617072	Soil	0.22	6.8	0.4	<0.05	1.6	8.16	16.5	<0.02	<1	0.8	12.1	<10
617073	Soil	0.48	8.7	0.6	<0.05	1.4	10.52	20.5	0.03	<1	1.0	15.8	<10
617074	Soil	0.46	10.5	0.6	<0.05	1.9	7.64	20.1	0.03	<1	1.1	21.9	<10
617075	Soil	0.39	7.3	0.5	<0.05	2.6	15.49	22.6	0.04	<1	1.1	25.3	<10
617076	Soil	0.22	10.4	0.5	<0.05	2.5	9.62	15.0	0.04	<1	0.9	27.0	<10
617077	Soil	0.39	11.0	0.7	<0.05	1.9	12.46	27.8	0.03	<1	1.0	20.3	<10
617078	Soil	0.26	8.0	0.5	<0.05	2.1	11.08	17.8	0.03	<1	0.9	20.2	<10
617079	Soil	0.30	9.4	0.5	<0.05	2.3	9.90	27.1	0.04	<1	1.1	22.6	<10
617080	Soil	0.48	10.3	0.5	<0.05	1.2	7.41	19.2	0.03	<1	0.7	23.0	<10
617081	Soil	0.33	9.0	0.6	<0.05	1.7	11.29	17.6	0.03	<1	0.9	26.0	<10
617082	Soil	0.31	9.3	0.5	<0.05	2.0	9.62	18.7	0.03	<1	1.0	25.4	<10
617083	Soil	0.26	8.2	0.4	<0.05	1.8	13.60	20.2	0.03	1	1.0	22.9	<10
617084	Soil	0.23	8.0	0.4	<0.05	1.5	9.12	17.0	0.04	<1	0.8	26.1	<10
617085	Soil	0.15	6.0	1.1	<0.05	2.7	12.08	17.1	0.05	1	1.0	31.6	<10
617086	Soil	0.22	7.0	0.4	<0.05	1.6	10.15	16.0	0.05	<1	1.0	21.8	<10
617087	Soil	0.09	6.6	0.5	<0.05	1.7	7.91	13.4	0.04	<1	0.7	17.5	<10
617088	Soil	0.16	6.1	0.5	<0.05	1.4	9.31	15.4	0.03	1	0.9	17.6	<10
617089	Soil	0.19	5.3	4.5	<0.05	2.0	8.97	12.4	0.04	<1	0.9	22.1	<10
617090	Soil	0.33	6.2	0.4	<0.05	1.7	10.24	22.4	0.03	<1	0.9	20.7	<10
617091	Soil	0.12	5.4	0.3	<0.05	2.3	8.26	12.9	0.03	<1	0.9	23.7	<10
617092	Soil	0.16	6.1	0.3	<0.05	2.2	8.75	14.2	0.04	<1	0.8	22.4	<10
617093	Soil	0.24	7.5	0.3	<0.05	1.3	8.59	11.8	0.03	<1	0.9	23.9	<10
617094	Soil	0.19	5.7	0.5	<0.05	2.0	12.80	23.3	0.04	<1	0.9	43.5	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
617095	Soil	0.44	28.56	19.51	83.0	161	26.1	10.2	293	3.20	9.5	1.0	1.6	3.0	57.1	0.15	0.39	0.28	20	0.74
617096	Soil	0.34	19.61	20.19	99.7	80	21.1	9.4	323	2.93	16.3	0.7	1.7	2.0	61.2	0.17	0.45	0.22	14	1.02
617097	Soil	0.49	18.83	26.91	105.5	137	21.7	9.5	876	3.37	13.7	1.5	2.2	1.9	95.6	0.29	0.71	0.25	20	2.66
617098	Soil	0.40	21.49	28.03	185.0	160	24.5	9.8	488	2.92	13.9	1.0	2.8	2.1	104.7	0.33	0.68	0.25	16	2.72
617099	Soil	0.43	25.71	20.12	103.1	119	28.6	12.5	398	3.18	28.9	0.9	3.9	3.8	53.3	0.22	0.82	0.25	17	0.92
617100	Soil	0.47	22.69	22.57	88.7	87	25.2	10.9	442	3.13	26.7	0.7	2.0	3.6	42.4	0.18	0.71	0.24	16	0.85
1267251	Soil	0.33	13.97	46.97	275.8	95	15.6	9.1	591	2.36	19.9	0.8	<0.2	1.1	90.7	0.68	0.57	0.26	23	4.25
1267252	Soil	0.57	16.37	32.74	204.2	134	17.4	6.8	611	2.16	47.6	1.2	6.1	0.6	70.1	0.57	2.00	0.19	16	3.59
1267253	Soil	0.47	13.24	36.77	196.3	160	13.4	5.0	880	2.31	56.9	1.5	3.2	0.6	69.5	0.52	2.15	0.16	19	5.59
1267254	Soil	0.59	20.24	102.3	191.2	186	24.8	14.7	1280	2.87	440.8	1.2	3.4	1.1	38.7	0.34	68.03	0.28	18	2.44
1267469	Soil	0.51	16.93	24.23	104.0	628	20.9	14.6	639	4.09	5.7	0.4	0.4	2.4	8.8	0.23	0.32	0.35	31	0.07
1267470	Soil	0.80	19.35	24.12	86.0	107	23.9	12.5	487	4.66	7.1	0.5	0.3	3.5	7.0	0.18	0.38	0.39	33	0.04
1267471	Soil	0.48	30.83	34.31	85.8	138	29.5	20.6	894	3.89	8.2	0.7	0.5	4.5	11.7	0.10	0.46	0.33	25	0.15
1267472	Soil	0.58	20.29	33.54	110.5	109	17.1	13.6	1450	4.74	4.1	0.5	1.5	1.1	6.1	0.26	0.26	0.33	35	0.05
1267473	Soil	0.56	26.57	23.97	94.1	37	32.1	17.7	729	3.93	5.7	0.7	0.2	5.0	7.7	0.11	0.41	0.30	35	0.07
1267474	Soil	0.89	12.59	17.14	63.0	107	14.0	5.9	242	3.41	7.9	0.5	1.1	2.9	6.1	0.09	0.46	0.25	44	0.04
1267475	Soil	0.89	17.47	18.01	72.6	71	25.5	9.8	243	3.16	8.3	0.7	0.5	5.0	6.8	0.09	0.46	0.23	42	0.05
1267476	Soil	0.35	17.22	23.55	95.7	86	19.4	10.4	273	3.41	4.8	0.4	<0.2	3.5	10.9	0.04	0.13	0.34	31	0.05
1267477	Soil	0.76	18.14	22.46	73.0	73	23.8	9.6	259	4.02	8.5	0.5	<0.2	3.6	5.3	0.08	0.41	0.29	33	0.02
1267478	Soil	0.56	17.46	19.67	61.9	67	15.7	9.8	381	4.68	5.8	0.5	<0.2	3.2	3.9	0.04	0.22	0.35	41	0.02
1267479	Soil	1.10	10.45	16.47	55.8	141	14.0	7.7	266	2.80	6.2	0.5	0.6	4.0	5.9	0.07	0.34	0.25	50	0.05
1267480	Soil	0.22	36.28	27.56	89.0	143	35.0	17.1	509	3.76	5.7	0.4	0.8	5.2	39.6	0.08	0.16	0.26	20	0.81
1267481	Soil	0.42	31.58	26.12	67.0	190	28.3	13.5	565	3.27	4.4	0.7	0.4	1.6	79.1	0.11	0.20	0.21	18	1.34
1267482	Soil	0.57	41.61	34.00	95.4	208	34.8	14.9	521	4.22	9.7	0.8	0.6	2.6	53.7	0.17	0.31	0.28	20	1.05
1267483	Soil	0.61	40.75	29.84	91.4	169	35.3	14.4	421	4.44	7.5	0.5	0.2	3.7	47.3	0.14	0.24	0.25	20	0.96
1267484	Soil	0.97	30.31	48.67	107.3	159	27.1	20.1	967	4.45	8.9	0.9	0.2	3.2	20.3	0.17	0.47	0.32	27	0.31
1267485	Soil	1.11	29.16	29.44	81.2	335	27.8	12.7	547	3.78	7.9	1.6	0.4	2.9	80.1	0.18	0.42	0.24	19	1.31
1267486	Soil	1.11	21.16	28.16	92.8	212	17.3	13.5	1266	3.58	6.6	0.8	<0.2	1.2	32.5	0.32	0.39	0.26	21	0.58
1267487	Soil	0.91	27.36	35.42	79.3	153	28.2	17.7	693	4.74	14.4	0.7	<0.2	2.3	6.4	0.15	0.42	0.34	27	0.04
1267488	Soil	0.48	26.50	25.60	71.2	224	28.3	13.4	292	3.51	10.1	0.7	0.5	2.2	109.2	0.11	0.30	0.26	10	2.97



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
617095	Soil	10.3	21.4	0.46	88.4	0.003	2	1.12	0.004	0.05	<0.1	4.4	0.07	0.02	204	0.4	0.03	3.5	0.78	<0.1
617096	Soil	4.8	14.1	0.32	93.4	0.001	2	0.84	0.004	0.06	<0.1	2.7	0.06	0.05	261	0.5	<0.02	2.6	0.63	<0.1
617097	Soil	8.8	15.4	0.98	146.9	0.003	3	0.99	0.004	0.06	<0.1	3.5	0.08	0.05	316	0.5	0.03	2.8	0.82	<0.1
617098	Soil	7.3	13.8	0.99	119.0	0.002	3	0.88	0.005	0.07	<0.1	3.3	0.08	0.03	479	0.5	0.03	2.4	0.67	<0.1
617099	Soil	8.8	18.2	0.46	78.6	0.002	2	0.92	0.004	0.07	<0.1	5.2	0.08	0.02	204	0.3	0.03	2.9	1.02	<0.1
617100	Soil	9.1	16.0	0.38	87.4	0.002	2	0.81	0.003	0.06	<0.1	4.6	0.07	0.03	241	0.4	<0.02	2.5	0.73	<0.1
1267251	Soil	17.2	14.8	0.39	330.5	0.002	3	1.26	0.004	0.07	<0.1	1.9	0.05	0.07	158	0.3	0.03	3.3	0.33	<0.1
1267252	Soil	8.6	12.0	0.87	105.4	0.003	3	0.81	0.004	0.06	<0.1	1.1	0.09	0.11	328	0.5	0.04	2.0	0.79	<0.1
1267253	Soil	13.1	13.4	2.33	96.8	0.003	2	0.93	0.005	0.04	<0.1	1.2	0.06	0.09	564	0.5	0.04	1.9	0.54	<0.1
1267254	Soil	20.0	13.4	0.27	79.2	0.002	4	0.97	0.004	0.11	<0.1	1.6	0.28	0.14	6158	0.5	0.04	3.0	0.44	<0.1
1267469	Soil	4.8	30.9	0.36	164.7	0.005	<1	1.63	0.003	0.18	<0.1	2.2	0.11	0.02	<5	0.2	0.03	7.2	1.44	<0.1
1267470	Soil	5.3	32.2	0.42	106.4	0.005	<1	1.93	0.004	0.11	<0.1	2.3	0.10	0.02	67	0.3	0.04	6.6	1.94	<0.1
1267471	Soil	9.7	26.8	0.42	118.0	0.003	<1	1.63	0.004	0.10	<0.1	4.0	0.08	<0.02	74	0.1	0.02	5.4	1.13	<0.1
1267472	Soil	4.6	31.8	0.25	148.2	0.006	<1	1.64	0.003	0.16	<0.1	1.4	0.11	0.05	53	0.3	0.04	7.2	1.29	<0.1
1267473	Soil	6.5	32.9	0.57	116.8	0.009	<1	1.91	0.005	0.12	<0.1	3.6	0.12	<0.02	57	0.2	<0.02	6.5	2.02	<0.1
1267474	Soil	9.2	23.9	0.28	79.2	0.007	<1	1.49	0.004	0.06	0.1	2.1	0.12	<0.02	48	0.2	0.02	6.3	1.15	<0.1
1267475	Soil	10.9	30.3	0.51	81.3	0.012	<1	1.85	0.004	0.06	0.2	2.8	0.12	<0.02	54	0.2	<0.02	5.5	1.44	<0.1
1267476	Soil	4.0	30.5	0.37	147.7	0.001	<1	2.06	0.004	0.12	<0.1	2.7	0.11	<0.02	19	<0.1	0.03	7.9	0.94	<0.1
1267477	Soil	6.4	27.7	0.39	61.7	0.004	<1	1.82	0.003	0.08	<0.1	2.5	0.10	<0.02	104	0.2	0.03	5.7	1.53	<0.1
1267478	Soil	4.2	30.9	0.27	47.4	0.004	<1	1.70	0.005	0.09	<0.1	2.4	0.11	<0.02	37	0.3	0.05	8.3	1.90	<0.1
1267479	Soil	9.5	25.5	0.31	93.1	0.010	<1	1.74	0.004	0.05	0.1	2.0	0.13	<0.02	21	0.1	0.02	6.3	1.15	<0.1
1267480	Soil	5.4	27.5	0.46	96.5	0.004	3	1.33	0.003	0.08	<0.1	7.3	0.09	0.03	53	0.3	0.04	4.9	2.40	<0.1
1267481	Soil	6.4	21.3	0.30	158.9	0.003	2	1.26	0.003	0.07	<0.1	4.9	0.09	0.10	62	0.3	0.02	4.3	1.45	<0.1
1267482	Soil	8.9	23.4	0.38	159.3	0.004	3	1.28	0.005	0.08	<0.1	8.1	0.10	0.08	51	0.4	0.06	4.4	2.05	<0.1
1267483	Soil	5.3	24.4	0.35	158.1	0.003	3	1.25	0.003	0.07	<0.1	8.7	0.13	0.07	58	0.3	0.03	4.4	2.39	<0.1
1267484	Soil	5.6	24.6	0.34	131.1	0.004	1	1.52	0.003	0.08	<0.1	5.0	0.11	0.05	18	0.2	0.04	4.8	3.28	<0.1
1267485	Soil	10.3	20.1	0.30	125.9	0.002	3	1.16	0.004	0.09	<0.1	6.6	0.10	0.10	58	0.4	0.04	3.4	1.50	<0.1
1267486	Soil	3.5	20.9	0.18	103.7	0.003	1	0.89	0.003	0.08	<0.1	2.7	0.08	0.11	38	0.3	0.04	3.7	1.65	<0.1
1267487	Soil	4.1	24.7	0.29	120.9	0.003	1	1.66	0.003	0.08	<0.1	3.3	0.09	0.04	47	0.3	0.08	4.5	2.34	<0.1
1267488	Soil	7.5	7.3	0.12	107.1	0.001	2	0.47	0.002	0.07	<0.1	4.0	0.10	0.05	60	0.4	0.04	1.1	0.34	<0.1



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Part 3

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
617095	Soil	0.31	6.1	0.4	<0.05	1.8	11.79	21.8	0.03	<1	1.0	35.2	<10
617096	Soil	0.21	4.9	0.3	<0.05	1.5	5.93	11.1	0.03	<1	0.6	19.7	<10
617097	Soil	0.38	6.3	0.6	<0.05	1.3	10.94	23.0	0.03	<1	0.7	23.0	<10
617098	Soil	0.24	5.1	0.3	<0.05	1.3	9.04	18.7	0.03	<1	0.8	20.2	<10
617099	Soil	0.24	5.5	0.4	<0.05	2.3	10.58	21.5	0.04	<1	0.8	26.3	<10
617100	Soil	0.23	5.3	0.3	<0.05	1.8	11.40	24.3	0.03	<1	0.9	20.3	<10
1267251	Soil	0.41	4.4	0.6	<0.05	1.5	11.68	33.0	0.03	<1	0.8	9.9	<10
1267252	Soil	0.32	5.5	0.3	<0.05	1.1	9.75	19.4	0.03	<1	0.6	7.5	<10
1267253	Soil	0.19	4.7	0.6	<0.05	1.1	14.78	24.5	0.02	<1	0.7	5.4	<10
1267254	Soil	0.22	5.6	0.4	<0.05	1.6	21.55	37.0	0.02	<1	1.1	7.5	<10
1267469	Soil	0.54	20.3	1.0	<0.05	0.8	2.68	12.0	0.03	<1	0.9	31.1	<10
1267470	Soil	0.78	13.8	0.7	<0.05	1.4	2.99	13.1	0.03	<1	1.1	34.0	<10
1267471	Soil	0.33	10.7	0.9	<0.05	1.5	10.71	24.5	0.03	<1	1.6	31.5	<10
1267472	Soil	0.69	18.2	0.8	<0.05	0.7	2.80	11.7	0.03	<1	0.9	14.4	<10
1267473	Soil	0.57	15.7	0.8	<0.05	1.5	5.21	17.5	0.03	<1	1.4	33.2	<10
1267474	Soil	1.07	11.3	0.7	<0.05	0.7	2.65	19.3	0.03	<1	0.4	16.3	<10
1267475	Soil	0.85	11.0	0.8	<0.05	2.0	3.21	23.5	0.03	<1	0.8	30.5	<10
1267476	Soil	0.25	16.4	1.1	<0.05	1.5	2.41	9.6	0.03	<1	1.1	41.3	<10
1267477	Soil	0.58	12.9	0.7	<0.05	1.9	2.86	13.9	0.03	<1	0.9	42.2	<10
1267478	Soil	0.90	16.0	1.1	<0.05	1.5	2.40	9.7	0.04	<1	0.5	21.7	<10
1267479	Soil	0.94	14.4	0.8	<0.05	2.4	2.25	19.5	0.03	<1	0.6	25.8	<10
1267480	Soil	0.27	7.5	0.6	<0.05	2.2	12.28	17.5	0.05	<1	1.0	52.2	<10
1267481	Soil	0.37	7.4	0.7	<0.05	1.6	18.49	20.4	0.03	<1	1.3	34.1	<10
1267482	Soil	0.31	7.3	1.3	<0.05	2.2	25.91	23.0	0.05	<1	1.1	42.7	<10
1267483	Soil	0.32	8.3	1.3	<0.05	1.7	13.57	18.9	0.05	<1	1.1	40.7	<10
1267484	Soil	0.28	12.4	0.6	<0.05	1.5	12.85	21.9	0.06	<1	1.5	43.7	<10
1267485	Soil	0.30	7.3	1.9	<0.05	2.4	31.17	24.8	0.06	<1	1.1	29.4	<10
1267486	Soil	0.31	11.3	0.9	<0.05	0.6	6.59	11.4	0.04	<1	0.7	15.6	<10
1267487	Soil	0.41	11.9	0.9	<0.05	1.6	4.30	10.2	0.04	<1	1.2	42.9	<10
1267488	Soil	0.11	3.4	0.3	<0.05	1.8	16.71	22.5	0.04	<1	0.7	6.4	<10



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CERTIFICATE OF ANALYSIS

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	Method Analyte	Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
			ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
			0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
1267489	Soil		0.85	33.86	28.76	80.0	126	26.7	14.8	908	4.72	14.2	0.7	3.6	2.4	21.4	0.18	0.49	0.53	22
1267490	Soil		1.33	16.82	21.22	81.5	39	18.0	8.2	375	3.74	11.1	0.5	1.5	1.4	6.0	0.26	0.69	0.40	40
1267491	Soil		0.47	21.14	26.12	81.5	151	26.0	11.6	694	3.55	14.4	0.8	2.5	2.4	47.4	0.11	0.83	0.39	25
1267492	Soil		1.25	23.46	16.16	107.9	127	16.0	8.8	356	3.32	8.5	0.4	1.1	0.2	5.4	0.53	0.81	0.43	38
1267493	Soil		0.76	27.77	17.15	68.6	447	26.1	7.7	500	2.99	7.4	2.1	1.0	1.1	64.2	0.22	0.48	0.35	28
1267494	Soil		0.67	23.85	25.04	79.9	269	24.1	9.4	413	3.32	14.1	1.8	1.7	1.4	87.7	0.17	0.66	0.37	23
1267495	Soil		1.40	16.17	20.95	89.7	70	20.6	7.8	257	3.98	10.4	0.5	2.4	3.2	15.2	0.19	0.68	0.37	45
1267496	Soil		1.33	16.22	21.78	88.1	58	21.8	8.5	274	3.83	10.1	0.6	2.3	3.2	18.0	0.18	0.67	0.36	42
1267497	Soil		0.54	24.72	43.32	114.0	157	39.0	16.0	445	5.17	7.4	0.4	0.7	4.1	4.0	0.09	0.26	0.36	11
1267498	Soil		0.48	15.71	32.86	73.9	103	20.2	9.8	283	3.80	7.5	0.9	0.7	2.7	63.2	0.20	0.25	0.46	18
1267499	Soil		0.66	15.85	25.22	223.9	96	19.5	8.8	1169	3.59	14.4	0.9	1.2	1.6	25.2	0.96	0.99	0.34	34
1267500	Soil		0.32	15.73	50.91	151.4	211	16.3	6.3	2075	4.01	35.1	1.3	23.2	1.2	67.6	0.51	4.30	0.21	14
1266551	Soil		0.56	20.93	70.51	203.9	154	26.7	9.4	410	3.03	22.7	0.8	0.4	2.9	25.2	0.19	1.14	0.40	9
1266552	Soil		0.52	17.74	35.81	97.4	98	26.3	11.2	573	3.81	21.7	1.1	2.9	4.8	30.0	0.13	1.53	0.37	23
1266474	Soil		0.73	16.77	19.86	74.5	30	19.1	8.6	321	3.10	7.7	0.5	3.5	0.7	5.8	0.11	0.52	0.27	30
1266475	Soil		0.81	17.89	20.63	96.6	31	18.5	8.2	319	3.54	7.1	0.5	1.5	1.3	8.9	0.18	0.38	0.33	37
1266476	Soil		0.77	18.86	21.22	82.9	49	19.4	7.8	202	3.50	7.8	0.5	0.8	2.4	5.8	0.15	0.45	0.33	30
1266477	Soil		0.34	26.01	33.09	85.6	61	61.5	31.9	1033	4.76	4.6	1.1	1.1	3.4	10.2	0.04	0.19	0.31	15
1266478	Soil		0.97	25.59	16.38	71.4	18	10.7	4.6	163	2.31	6.0	0.4	0.7	1.5	5.3	0.09	0.42	0.39	39
1266479	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.
1266480	Soil		0.52	15.83	21.14	114.0	71	18.5	8.0	435	2.86	16.8	0.7	1.5	2.2	21.2	0.18	0.86	0.33	23
1266481	Soil		0.45	22.35	27.66	263.1	181	16.5	9.1	956	2.98	21.1	0.9	3.0	0.5	55.9	1.21	0.75	0.29	21
1266482	Soil		0.86	29.83	26.22	94.2	61	16.9	17.4	1163	4.71	4.9	0.5	0.8	3.4	3.9	0.18	0.37	0.40	40
1266483	Soil		1.06	16.23	19.51	115.3	94	12.5	12.3	950	4.25	6.8	0.4	0.7	2.8	4.2	0.37	0.46	0.37	46
1266484	Soil		0.57	30.58	34.37	76.6	183	28.3	25.0	1577	4.15	6.1	0.6	0.9	2.1	9.6	0.09	0.31	0.44	26
1266485	Soil		0.83	24.77	27.78	75.1	154	24.3	14.9	523	4.73	7.5	0.5	0.6	2.7	4.4	0.14	0.43	0.38	28
1266486	Soil		0.43	21.74	29.72	60.9	109	19.2	12.2	486	4.42	5.4	0.3	0.5	2.0	2.8	0.15	0.27	0.36	22
1266487	Soil		0.61	20.49	29.45	61.7	78	25.4	12.9	467	3.90	7.0	0.6	0.9	3.1	7.8	0.07	0.43	0.35	28
1266488	Soil		0.54	19.04	24.79	66.6	38	22.6	11.0	321	3.92	6.5	0.4	1.1	2.9	11.9	0.06	0.37	0.32	28
1266489	Soil		0.60	21.12	32.35	75.5	59	26.6	14.1	466	4.27	7.8	0.5	0.6	3.7	9.2	0.07	0.42	0.37	30



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.02
1267489	Soil	3.8	13.4	0.11	164.5	0.001	1	0.85	<0.001	0.07	<0.1	3.4	0.09	0.05	54	0.2	0.08	2.1	0.77	<0.1
1267490	Soil	6.3	20.0	0.24	110.5	0.006	1	1.12	0.002	0.07	0.2	1.9	0.11	0.02	28	0.3	0.07	5.2	1.98	<0.1
1267491	Soil	8.2	22.3	0.37	224.5	0.003	2	1.39	0.003	0.07	<0.1	3.0	0.10	0.04	138	0.3	0.04	4.4	0.96	<0.1
1267492	Soil	4.1	13.1	0.04	63.6	0.004	1	0.43	0.001	0.05	<0.1	0.6	0.05	0.04	28	0.2	0.05	4.0	2.09	<0.1
1267493	Soil	7.9	20.1	0.31	235.5	0.005	1	1.36	0.003	0.06	<0.1	2.8	0.11	0.10	71	0.4	0.04	4.1	2.70	<0.1
1267494	Soil	5.7	18.0	0.30	214.5	0.003	2	1.10	0.003	0.06	<0.1	2.9	0.11	0.06	86	0.5	0.04	3.5	1.71	<0.1
1267495	Soil	7.4	27.8	0.42	101.8	0.008	2	1.73	0.002	0.06	0.2	2.5	0.14	<0.02	31	0.3	0.06	5.8	1.96	<0.1
1267496	Soil	7.5	29.2	0.45	115.9	0.008	2	1.74	0.002	0.06	0.2	2.6	0.13	<0.02	33	0.4	0.04	5.4	2.08	<0.1
1267497	Soil	2.7	12.9	0.17	64.2	<0.001	2	1.17	<0.001	0.05	<0.1	3.3	0.33	0.02	47	0.4	0.04	1.9	2.96	<0.1
1267498	Soil	5.7	9.2	0.07	259.2	0.001	2	0.78	0.001	0.08	<0.1	3.5	0.12	0.03	58	0.2	0.06	1.9	0.52	<0.1
1267499	Soil	8.5	20.9	0.35	158.7	0.007	2	1.35	0.003	0.08	0.1	2.6	0.10	0.04	73	0.3	0.04	4.1	0.98	<0.1
1267500	Soil	8.7	10.5	3.79	103.8	0.002	4	0.69	0.005	0.07	<0.1	1.6	0.06	0.06	234	0.5	0.05	1.4	0.21	<0.1
1266551	Soil	9.1	6.0	0.05	102.6	<0.001	2	0.47	<0.001	0.09	<0.1	4.4	0.09	0.04	377	0.4	0.03	1.1	0.52	<0.1
1266552	Soil	15.4	17.6	0.26	141.1	0.003	2	1.13	0.002	0.11	<0.1	6.1	0.11	<0.02	237	0.2	0.03	3.2	0.75	<0.1
1266474	Soil	7.2	22.3	0.29	72.6	0.008	1	1.28	0.002	0.08	0.1	1.3	0.09	0.02	37	0.2	0.02	4.4	1.39	<0.1
1266475	Soil	5.6	25.5	0.31	116.8	0.003	<1	1.75	<0.001	0.07	<0.1	1.6	0.14	0.02	18	0.2	0.04	6.2	1.43	<0.1
1266476	Soil	6.3	23.0	0.27	61.6	0.011	1	1.27	<0.001	0.11	<0.1	2.2	0.10	0.02	25	0.2	0.04	5.0	1.77	<0.1
1266477	Soil	5.2	18.8	0.16	143.3	0.003	1	1.53	<0.001	0.13	<0.1	3.9	0.13	0.03	38	<0.1	0.03	3.6	3.25	<0.1
1266478	Soil	5.4	14.7	0.05	62.4	0.004	2	0.92	0.001	0.10	<0.1	1.4	0.14	<0.02	21	0.2	0.06	7.1	2.20	<0.1
1266479	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.
1266480	Soil	8.2	17.8	0.31	112.8	0.003	2	1.08	0.002	0.07	<0.1	2.7	0.05	0.04	140	0.2	<0.02	3.8	0.91	<0.1
1266481	Soil	18.4	15.1	0.49	120.0	0.003	2	1.19	0.004	0.05	<0.1	1.7	0.07	0.14	327	0.4	0.03	3.0	0.48	<0.1
1266482	Soil	3.9	30.2	0.21	118.3	0.003	<1	2.12	0.001	0.10	<0.1	2.9	0.15	<0.02	35	0.3	0.06	9.4	2.13	<0.1
1266483	Soil	7.0	22.2	0.15	104.5	0.007	<1	1.32	0.001	0.09	<0.1	2.0	0.12	<0.02	28	0.1	0.05	7.2	1.61	<0.1
1266484	Soil	7.0	21.7	0.24	131.4	0.003	1	1.36	<0.001	0.13	<0.1	4.1	0.11	0.02	37	0.2	0.05	4.8	1.48	<0.1
1266485	Soil	6.7	26.4	0.34	83.7	0.006	1	1.52	<0.001	0.13	<0.1	3.0	0.12	<0.02	27	0.2	0.03	5.0	1.82	<0.1
1266486	Soil	4.8	21.5	0.22	65.2	0.006	1	1.18	<0.001	0.12	<0.1	2.5	0.10	<0.02	28	0.1	0.04	4.7	1.23	<0.1
1266487	Soil	8.0	26.4	0.42	78.3	0.007	1	1.53	0.001	0.10	<0.1	2.9	0.12	<0.02	28	0.1	0.03	4.7	1.69	<0.1
1266488	Soil	6.7	24.9	0.37	107.6	0.007	1	1.40	0.001	0.12	<0.1	2.6	0.11	<0.02	20	0.1	0.03	4.9	1.28	<0.1
1266489	Soil	7.4	27.9	0.39	124.0	0.004	2	1.71	<0.001	0.13	<0.1	3.1	0.13	<0.02	28	0.1	0.03	5.7	1.30	<0.1



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Project:

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Part 3

CERTIFICATE OF ANALYSIS

WHI11001353.2

	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1267489	Soil	0.20	8.6	0.7	<0.05	0.9	6.87	15.9	0.07	<1	1.1	9.4	<10
1267490	Soil	0.80	10.7	1.0	<0.05	0.4	3.06	13.9	0.04	<1	0.5	21.7	<10
1267491	Soil	0.47	8.9	0.6	<0.05	1.5	7.35	20.4	0.04	<1	1.0	23.5	<10
1267492	Soil	0.30	14.2	1.2	<0.05	<0.1	1.72	8.4	0.03	<1	0.3	1.9	<10
1267493	Soil	0.55	14.2	0.6	<0.05	1.2	15.47	15.8	0.04	<1	1.1	32.8	<10
1267494	Soil	0.46	10.8	0.5	<0.05	1.3	9.36	14.0	0.03	2	0.8	32.3	<10
1267495	Soil	1.13	13.2	0.8	<0.05	1.0	2.54	15.4	0.04	<1	0.5	39.1	<10
1267496	Soil	1.14	12.3	0.9	<0.05	1.1	2.97	16.2	0.04	<1	0.6	43.2	<10
1267497	Soil	0.13	7.5	0.7	<0.05	1.7	7.15	9.5	0.06	<1	1.3	30.0	<10
1267498	Soil	0.28	9.9	0.6	<0.05	0.8	6.23	19.2	0.05	<1	0.8	6.0	<10
1267499	Soil	0.77	10.4	0.6	<0.05	1.2	6.34	20.9	0.03	<1	0.9	11.5	<10
1267500	Soil	0.15	2.5	0.6	<0.05	3.4	10.43	21.4	0.02	<1	0.6	3.2	<10
1266551	Soil	0.11	7.0	0.4	<0.05	1.2	11.57	37.7	0.04	<1	1.1	2.2	<10
1266552	Soil	0.46	8.5	0.8	<0.05	1.9	17.56	39.5	0.04	<1	1.4	11.9	<10
1266474	Soil	0.42	10.0	0.5	<0.05	0.3	2.96	19.8	0.03	<1	0.6	22.3	<10
1266475	Soil	0.60	14.9	0.8	<0.05	0.8	2.83	17.3	0.04	<1	0.7	29.8	<10
1266476	Soil	0.71	12.8	0.6	<0.05	0.5	2.75	15.9	0.03	<1	0.6	20.1	<10
1266477	Soil	0.24	13.3	0.6	<0.05	0.9	8.47	23.5	0.04	1	2.3	21.1	<10
1266478	Soil	0.48	17.8	1.1	<0.05	0.3	2.25	11.2	<0.02	<1	0.3	2.4	<10
1266479	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.
1266480	Soil	0.46	9.3	0.5	<0.05	1.4	6.98	17.1	0.02	<1	0.8	15.9	<10
1266481	Soil	0.29	5.2	0.4	<0.05	1.1	16.03	30.8	0.03	<1	0.9	8.4	<10
1266482	Soil	0.66	20.0	1.1	<0.05	2.4	3.92	9.7	0.03	<1	1.0	32.9	<10
1266483	Soil	0.96	19.8	1.3	<0.05	0.9	2.09	15.1	0.03	<1	0.5	15.1	<10
1266484	Soil	0.41	14.4	0.6	<0.05	0.4	7.51	19.4	0.04	<1	1.3	22.0	<10
1266485	Soil	0.57	13.4	0.7	<0.05	0.8	3.66	18.0	0.04	<1	0.9	31.4	<10
1266486	Soil	0.46	14.6	0.7	<0.05	0.5	2.50	13.2	0.04	<1	0.6	18.5	<10
1266487	Soil	0.54	12.3	0.8	<0.05	0.5	3.91	26.2	0.03	<1	1.0	38.5	<10
1266488	Soil	0.53	13.4	0.8	<0.05	0.3	2.93	19.7	0.03	<1	0.7	31.4	<10
1266489	Soil	0.48	14.1	0.7	<0.05	0.6	4.15	33.9	0.04	<1	1.0	35.5	<10



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Part 1

CERTIFICATE OF ANALYSIS

WHI11001353.2

	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
1266490	Soil	0.71	23.99	29.68	71.4	67	29.8	14.5	545	3.67	7.6	0.7	1.4	4.2	12.2	0.06	0.46	0.36	28	0.25	0.048
1266491	Soil	0.61	23.96	16.47	67.5	52	19.2	12.3	301	3.79	5.8	0.4	0.6	2.5	10.7	0.16	0.36	0.49	28	0.18	0.047
1266492	Soil	0.40	14.10	19.27	58.7	75	22.2	16.6	477	2.94	4.3	0.4	0.5	3.0	11.6	0.05	0.20	0.30	28	0.18	0.032
1266493	Soil	0.33	16.29	25.82	105.9	86	18.0	6.6	242	2.09	57.6	0.7	6.1	1.1	82.6	0.19	1.45	0.23	14	3.98	0.085
1266494	Soil	0.32	19.35	19.66	40.1	64	16.2	10.3	276	2.74	9.3	0.5	0.7	3.2	22.7	0.03	0.18	0.37	12	0.59	0.034
1266495	Soil	0.37	20.95	18.51	34.0	120	17.4	9.0	595	2.74	6.6	1.1	0.8	0.6	69.5	0.14	0.29	0.27	14	2.76	0.119
1266496	Soil	0.40	16.47	7.57	55.1	33	10.3	4.8	548	1.10	4.4	1.2	12.1	0.1	114.1	0.77	0.43	0.72	10	5.04	0.153
1266497	Soil	0.52	17.91	79.83	189.3	81	19.0	13.1	1412	2.55	62.3	0.6	1.2	1.0	116.8	1.53	0.62	0.41	24	4.42	0.106
1266498	Soil	0.47	9.36	17.56	83.9	42	10.1	7.5	1077	3.97	13.8	0.5	1.1	1.5	141.0	0.41	0.21	0.29	27	4.90	0.111
1266499	Soil	0.22	8.19	8.16	55.9	46	6.5	3.8	362	0.89	4.6	0.7	0.5	0.4	219.6	0.23	0.16	0.18	8	11.40	0.152
1266500	Soil	0.55	16.15	50.40	222.7	131	17.2	11.4	803	2.65	13.6	0.7	0.6	0.8	137.9	0.53	0.29	0.46	20	6.71	0.127
1267594	Soil	0.95	40.51	26.24	85.6	240	27.9	13.2	915	4.01	12.0	1.5	1.4	1.7	94.2	0.25	0.35	0.38	28	0.40	0.157
1267595	Soil	0.89	42.57	20.96	77.3	370	30.8	11.8	691	3.24	11.7	7.4	2.4	1.3	92.6	0.20	0.51	0.32	38	0.77	0.150
1267596	Soil	0.72	10.84	17.28	91.2	152	17.7	7.5	159	3.46	7.4	1.0	1.2	2.8	58.9	0.10	0.28	0.20	29	0.43	0.043
1267597	Soil	0.70	35.72	29.27	99.0	47	31.2	14.3	645	5.26	11.8	0.7	0.7	4.6	64.8	0.15	0.32	0.35	26	0.38	0.059
1267598	Soil	0.65	13.44	17.20	51.7	10	14.9	5.5	86	3.76	10.0	0.4	<0.2	2.2	7.1	0.05	0.22	0.26	39	0.02	0.028
1267599	Soil	0.40	38.12	21.75	96.6	65	32.0	12.8	241	4.51	6.8	0.6	0.8	3.4	25.0	0.07	0.14	0.34	23	0.26	0.047
1267600	Soil	0.65	23.62	20.07	68.8	164	17.2	9.4	725	3.05	7.8	1.0	0.7	1.3	69.4	0.17	0.26	0.29	26	0.78	0.143
1267873	Soil	0.33	39.72	26.25	103.5	174	33.9	17.8	362	4.15	12.1	0.5	1.6	3.5	53.3	0.08	0.20	0.33	21	0.31	0.030
1267874	Soil	0.92	30.45	28.71	104.3	106	20.9	13.2	827	4.60	9.2	0.5	0.2	0.6	7.1	0.50	0.42	0.44	36	0.06	0.070
1267875	Soil	2.01	33.18	41.54	97.3	210	31.7	22.5	508	4.53	28.0	0.6	0.4	3.8	87.2	0.17	0.64	0.38	15	0.67	0.059
1267876	Soil	0.50	21.96	15.15	54.6	224	20.5	8.7	390	2.31	18.7	1.4	6.3	2.5	96.4	0.11	0.63	0.24	16	1.77	0.111
1267877	Soil	0.69	25.20	23.28	81.0	173	21.9	10.4	533	4.02	9.8	1.6	<0.2	2.7	94.4	0.25	0.32	0.36	20	0.88	0.125
1267878	Soil	0.68	13.26	18.14	49.1	50	12.9	6.7	198	3.33	9.1	0.3	0.3	2.4	6.6	0.05	0.29	0.28	32	0.03	0.022
1267879	Soil	0.54	30.57	27.39	73.8	115	31.4	14.2	488	3.52	13.9	0.7	0.6	2.8	86.6	0.11	0.66	0.32	17	1.77	0.057
1267880	Soil	0.43	19.14	21.13	58.2	146	16.7	10.0	414	2.62	9.8	1.3	0.9	1.2	93.8	0.09	0.41	0.25	16	1.82	0.080
1267881	Soil	0.79	29.36	28.85	82.6	212	27.8	13.7	557	3.89	8.8	1.2	0.5	3.4	104.5	0.20	0.44	0.30	20	0.97	0.079
1267882	Soil	1.02	19.43	27.37	74.8	261	17.1	10.8	203	3.83	11.0	0.3	1.3	1.6	6.9	0.12	0.61	0.41	19	0.02	0.053
1267883	Soil	1.11	21.87	27.27	94.8	153	17.7	13.2	311	3.99	8.1	0.4	<0.2	2.2	16.9	0.41	0.43	0.31	31	0.14	0.045
1267884	Soil	0.34	20.48	32.52	87.2	78	32.2	14.9	742	4.18	10.6	0.6	0.8	4.8	16.0	0.11	0.52	0.35	25	0.16	0.020



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1266490	Soil	11.4	27.2	0.45	123.9	0.005	1	1.58	0.002	0.11	<0.1	4.2	0.12	<0.02	20	0.1	0.03	4.8	1.38	<0.1
1266491	Soil	7.6	19.2	0.23	98.7	0.004	1	1.17	<0.001	0.18	<0.1	2.6	0.12	0.02	13	0.2	0.09	5.1	1.96	<0.1
1266492	Soil	8.0	26.1	0.34	191.1	0.005	1	1.45	0.001	0.22	<0.1	2.4	0.12	0.02	19	0.1	0.02	6.3	0.92	<0.1
1266493	Soil	9.0	10.6	0.80	69.4	0.002	3	0.83	0.003	0.07	0.1	1.9	0.11	0.06	321	0.3	0.03	2.0	0.65	<0.1
1266494	Soil	7.3	8.4	0.11	87.6	<0.001	3	0.63	0.002	0.10	<0.1	3.1	0.08	0.04	93	<0.1	0.04	1.8	0.61	<0.1
1266495	Soil	10.6	10.1	0.20	106.2	0.002	4	0.79	0.003	0.07	<0.1	1.3	0.10	0.13	71	0.4	0.02	2.0	0.87	<0.1
1266496	Soil	6.9	6.7	0.33	80.8	0.006	8	0.65	0.013	0.04	<0.1	0.6	0.07	0.19	78	0.6	0.04	1.7	0.71	<0.1
1266497	Soil	19.2	14.1	0.26	634.2	0.003	5	1.14	0.006	0.08	<0.1	1.5	0.07	0.08	94	0.2	0.03	2.6	0.68	<0.1
1266498	Soil	25.8	14.4	0.34	127.5	0.002	3	1.40	0.010	0.07	<0.1	2.0	0.06	0.08	32	0.2	0.03	3.0	0.31	<0.1
1266499	Soil	8.1	5.0	0.26	71.9	0.001	7	0.40	0.006	0.06	<0.1	0.5	0.03	0.12	37	0.3	<0.02	0.9	0.34	<0.1
1266500	Soil	18.0	11.7	0.31	205.9	0.002	5	1.17	0.005	0.10	<0.1	1.4	0.05	0.08	49	0.3	0.02	2.5	0.28	<0.1
1267594	Soil	7.9	23.5	0.45	151.1	0.003	3	1.76	0.004	0.08	<0.1	4.1	0.14	0.09	63	0.2	0.05	5.0	5.29	<0.1
1267595	Soil	13.1	28.8	0.39	242.4	0.007	2	1.78	0.005	0.06	0.1	3.5	0.14	0.10	180	1.0	<0.02	5.0	3.30	<0.1
1267596	Soil	7.0	25.2	0.37	92.5	0.008	2	1.15	0.005	0.05	<0.1	3.2	0.07	0.05	149	0.5	<0.02	4.0	2.99	<0.1
1267597	Soil	4.8	26.9	0.40	105.6	0.001	2	1.44	0.003	0.06	<0.1	4.9	0.15	0.04	47	0.2	0.03	4.6	2.90	<0.1
1267598	Soil	6.4	15.6	0.11	56.8	0.002	<1	1.11	0.002	0.04	<0.1	1.9	0.12	<0.02	36	<0.1	0.03	5.0	1.65	<0.1
1267599	Soil	4.2	18.1	0.09	46.3	<0.001	1	0.57	0.002	0.06	<0.1	6.5	0.12	<0.02	52	<0.1	0.07	2.1	1.89	<0.1
1267600	Soil	6.2	18.0	0.19	171.1	0.003	<1	1.07	0.005	0.05	<0.1	3.0	0.13	0.09	109	0.2	0.03	3.8	2.06	<0.1
1267873	Soil	5.9	24.3	0.38	94.9	0.006	3	0.98	0.004	0.07	<0.1	4.3	0.08	0.02	82	0.2	<0.02	4.5	5.47	<0.1
1267874	Soil	4.8	20.6	0.11	152.7	0.004	2	1.04	0.003	0.12	<0.1	1.5	0.09	0.03	32	0.1	0.04	5.2	2.71	<0.1
1267875	Soil	5.3	12.9	0.08	73.5	<0.001	2	0.53	0.002	0.08	<0.1	6.8	0.14	0.04	49	0.2	0.06	1.7	2.12	<0.1
1267876	Soil	5.9	10.1	0.06	147.3	0.001	3	0.74	0.006	0.08	<0.1	4.1	0.13	0.08	115	0.3	0.03	2.1	2.49	<0.1
1267877	Soil	9.2	14.3	0.09	104.1	0.001	1	0.86	0.002	0.06	<0.1	4.7	0.11	0.04	40	0.1	0.06	2.6	1.45	<0.1
1267878	Soil	6.9	13.1	0.13	64.6	0.004	<1	0.87	0.002	0.05	<0.1	2.0	0.09	<0.02	16	<0.1	0.04	4.2	1.08	<0.1
1267879	Soil	9.0	13.6	0.15	135.2	0.001	3	0.86	0.003	0.08	<0.1	6.4	0.12	0.07	127	0.3	0.06	2.4	0.95	<0.1
1267880	Soil	6.6	12.4	0.13	127.5	0.001	2	0.76	0.003	0.06	<0.1	2.6	0.09	0.09	141	0.4	0.06	2.1	0.89	<0.1
1267881	Soil	9.9	21.8	0.32	122.0	0.003	2	1.33	0.003	0.07	<0.1	8.7	0.10	0.06	99	0.2	0.05	3.9	2.93	<0.1
1267882	Soil	2.2	14.4	0.14	49.8	0.002	2	0.96	<0.001	0.10	<0.1	2.8	0.10	<0.02	35	0.2	0.05	2.6	2.74	<0.1
1267883	Soil	5.1	14.6	0.09	89.8	0.004	1	0.77	0.002	0.09	<0.1	2.8	0.09	<0.02	26	<0.1	0.04	4.2	2.46	<0.1
1267884	Soil	7.1	28.4	0.49	163.7	0.002	<1	1.91	0.005	0.09	<0.1	3.5	0.08	<0.02	135	<0.1	<0.02	6.2	1.05	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10
1266490	Soil	0.47	11.0	0.5	<0.05	1.1	9.11	51.2	0.04	<1	0.9	29.7	<10
1266491	Soil	0.49	21.7	0.8	<0.05	0.5	2.89	18.0	0.04	<1	0.7	20.6	<10
1266492	Soil	0.72	20.2	0.8	<0.05	1.0	3.16	20.2	0.02	<1	1.1	27.7	<10
1266493	Soil	0.28	6.2	0.4	<0.05	1.3	10.22	20.3	0.02	<1	0.8	9.5	<10
1266494	Soil	0.16	6.3	0.3	<0.05	1.0	5.39	22.3	0.03	1	0.6	6.9	<10
1266495	Soil	0.29	6.0	0.3	<0.05	0.6	11.09	22.1	0.02	<1	0.7	6.2	<10
1266496	Soil	0.38	3.9	0.7	0.09	1.5	5.86	12.2	0.08	2	0.4	3.4	<10
1266497	Soil	0.42	7.3	0.5	<0.05	1.3	12.29	36.8	0.03	<1	0.9	8.2	<10
1266498	Soil	0.39	5.9	0.5	<0.05	1.5	14.33	52.3	0.03	<1	0.9	9.8	<10
1266499	Soil	0.12	4.1	0.2	<0.05	1.4	5.38	14.9	<0.02	<1	0.4	3.8	<10
1266500	Soil	0.23	5.2	1.1	<0.05	1.6	10.69	38.6	0.02	<1	1.0	11.4	<10
1267594	Soil	0.44	18.7	0.6	<0.05	1.4	18.06	16.4	0.04	<1	1.8	43.5	<10
1267595	Soil	0.72	13.3	0.5	<0.05	1.7	19.68	26.6	0.03	<1	1.2	28.0	<10
1267596	Soil	0.52	10.4	1.0	<0.05	1.4	4.90	14.5	0.04	<1	0.4	25.6	<10
1267597	Soil	0.37	13.5	0.6	<0.05	1.2	8.54	26.4	0.06	<1	1.2	45.4	<10
1267598	Soil	0.39	11.1	0.7	<0.05	0.4	2.17	13.7	0.03	<1	0.4	9.8	<10
1267599	Soil	0.07	8.8	0.5	<0.05	1.0	7.24	15.0	0.05	<1	1.4	3.9	<10
1267600	Soil	0.43	13.1	0.5	<0.05	1.2	9.24	14.9	0.04	<1	1.1	10.5	<10
1267873	Soil	0.34	10.7	0.7	<0.05	0.9	8.45	15.0	0.05	<1	1.2	33.6	<10
1267874	Soil	0.58	19.2	0.7	<0.05	0.2	2.16	10.6	0.05	<1	0.6	10.0	<10
1267875	Soil	0.12	9.2	0.4	<0.05	1.6	16.09	21.5	0.06	<1	1.3	5.9	<10
1267876	Soil	0.20	12.2	0.5	<0.05	2.0	18.15	14.4	0.04	<1	0.9	4.1	<10
1267877	Soil	0.21	14.5	0.5	<0.05	0.7	12.97	20.2	0.05	<1	1.2	6.9	<10
1267878	Soil	0.39	14.9	0.5	<0.05	0.5	2.27	14.6	0.02	<1	0.3	8.4	<10
1267879	Soil	0.22	7.7	0.4	<0.05	1.8	23.42	28.5	0.06	<1	1.3	10.9	<10
1267880	Soil	0.23	6.2	0.3	<0.05	1.1	12.41	20.2	0.04	<1	0.9	6.1	<10
1267881	Soil	0.34	11.6	0.5	<0.05	1.2	28.72	27.0	0.06	<1	1.2	33.3	<10
1267882	Soil	0.20	14.5	0.6	<0.05	0.4	2.16	4.9	0.05	2	0.8	18.9	<10
1267883	Soil	0.40	18.3	0.6	<0.05	0.2	4.10	11.4	0.03	<1	0.5	8.6	<10
1267884	Soil	0.25	11.0	0.6	<0.05	1.5	6.30	21.8	0.03	<1	1.2	35.3	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1267885	Soil	0.76	23.56	29.28	73.9	130	31.1	12.3	448	4.15	11.5	0.8	0.4	3.5	38.1	0.19	0.60	0.29	25	0.41
1267886	Soil	0.41	18.97	18.89	112.3	122	21.2	10.0	627	2.97	9.4	0.9	1.2	1.6	82.7	0.19	0.46	0.25	20	1.50
1267887	Soil	0.53	20.81	23.51	82.1	143	24.9	10.8	572	3.25	20.6	0.9	1.0	1.9	57.2	0.28	0.60	0.29	24	0.81
1267888	Soil	0.44	23.93	35.60	97.6	39	28.8	14.5	936	4.20	19.9	0.6	1.1	3.8	31.3	0.14	0.69	0.35	25	0.27
1267889	Soil	0.53	22.33	36.41	76.1	240	30.2	11.3	364	4.11	31.5	0.6	0.5	2.8	137.3	0.35	0.29	0.34	15	1.11
1267890	Soil	0.94	13.89	29.19	65.9	33	16.6	8.1	238	3.30	13.6	0.5	0.6	3.5	13.1	0.53	0.47	0.31	46	0.11
1267891	Soil	0.54	15.92	27.60	142.3	56	25.8	11.9	366	3.93	18.0	1.1	<0.2	4.1	67.7	0.39	0.43	0.33	36	0.71
1267892	Soil	0.35	18.96	50.74	262.6	29	28.4	11.6	242	4.09	32.9	0.8	<0.2	4.7	24.4	0.09	1.04	0.32	24	0.23
1267893	Soil	0.45	17.76	40.38	255.0	32	26.1	12.2	1056	4.90	21.1	1.0	0.9	4.6	27.6	0.43	0.81	0.32	31	0.36
1267894	Soil	0.19	18.24	18.67	289.7	43	17.6	7.7	169	2.41	16.9	0.6	0.8	2.4	296.5	0.37	0.70	0.23	12	7.91
1267895	Soil	0.27	22.52	23.79	215.9	74	22.3	9.8	196	2.83	10.9	1.4	1.1	2.8	114.2	0.24	0.66	0.29	12	1.30
1267896	Soil	0.38	24.89	29.99	89.7	122	28.3	13.2	291	3.25	7.4	0.5	<0.2	3.5	141.5	0.08	0.24	0.28	9	2.41
1267897	Soil	0.38	21.00	24.87	79.3	89	26.9	11.4	294	2.75	6.5	0.5	3.3	2.6	245.6	0.12	0.28	0.37	7	5.03
1267898	Soil	0.28	16.24	20.87	78.6	99	17.4	8.5	233	2.34	5.5	0.7	1.5	1.1	90.1	0.10	0.21	0.33	8	1.27
1267899	Soil	0.40	22.99	32.79	94.2	145	27.0	13.7	360	3.52	8.1	0.4	1.7	3.0	48.6	0.09	0.28	0.39	10	0.60
1267900	Soil	0.38	23.79	24.02	120.3	113	23.2	10.8	290	2.89	8.0	0.9	1.8	1.6	105.8	0.21	0.42	0.33	12	1.42
1267901	Soil	0.73	33.05	22.98	140.4	87	23.7	10.4	364	3.58	8.9	0.4	0.2	1.2	32.3	0.15	0.24	0.49	24	0.43
1267902	Soil	0.57	19.41	22.10	71.0	234	17.9	10.0	347	3.11	16.8	1.0	1.3	1.7	51.7	0.10	0.34	0.32	15	0.98
1267903	Soil	0.78	17.83	21.35	66.9	76	18.9	8.7	326	3.40	12.7	0.7	0.8	2.2	23.1	0.12	0.42	0.28	23	0.41
1267904	Soil	0.65	16.11	16.94	53.7	71	14.7	6.4	185	2.96	15.2	0.3	0.7	1.2	6.3	0.03	0.81	0.30	18	0.03
1267905	Soil	1.03	17.12	10.14	63.3	23	19.3	10.1	302	3.72	40.7	0.2	<0.2	1.2	6.3	0.06	0.47	0.29	33	0.02
1267906	Soil	0.61	14.37	20.87	75.6	65	16.0	10.5	509	3.27	16.9	0.3	<0.2	1.8	10.9	0.22	0.39	0.27	21	0.14
1267907	Soil	0.58	26.20	26.15	73.2	130	29.1	11.4	368	4.58	14.3	0.7	0.8	4.6	49.7	0.06	0.22	0.35	10	0.74
1267908	Soil	0.57	22.89	19.50	63.2	140	24.0	10.9	286	3.20	8.5	1.1	<0.2	2.1	48.1	0.10	0.40	0.30	17	1.01
1267909	Soil	1.09	25.45	25.77	78.3	156	29.3	13.0	428	3.81	16.7	0.8	1.0	3.9	33.2	0.14	0.61	0.33	15	0.49
1267910	Soil	0.60	25.32	24.00	65.1	238	29.7	12.5	889	3.94	49.5	1.2	0.7	2.3	73.9	0.18	0.49	0.29	12	1.42
1267911	Soil	0.51	19.99	15.78	94.3	72	19.0	8.6	499	3.18	12.3	0.6	<0.2	1.7	21.8	0.15	0.33	0.27	28	0.17
1267912	Soil	0.46	20.34	20.98	69.8	112	22.3	10.4	228	3.61	20.1	0.3	<0.2	2.4	10.3	0.08	0.41	0.31	23	0.04
1267913	Soil	0.44	26.99	17.42	64.7	427	20.8	8.7	513	2.58	11.4	1.2	0.5	1.8	153.6	0.21	0.38	0.28	17	1.22
1267914	Soil	0.41	25.53	15.49	81.7	258	19.1	7.5	308	2.36	13.6	1.4	0.7	1.1	161.8	0.34	0.39	0.25	16	1.51



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.02
1267885	Soil	7.9	19.5	0.28	124.6	0.004	1	1.12	0.004	0.08	<0.1	4.1	0.11	0.02	113	0.2	0.03	3.1	2.50	<0.1
1267886	Soil	5.5	17.1	0.32	119.1	0.003	2	1.04	0.004	0.08	<0.1	3.1	0.06	0.06	162	0.3	<0.02	3.2	1.11	<0.1
1267887	Soil	8.0	19.9	0.30	221.0	0.003	1	1.20	0.005	0.07	<0.1	3.4	0.11	0.06	453	0.3	0.04	3.7	1.86	<0.1
1267888	Soil	7.4	22.6	0.33	206.4	0.002	1	1.55	0.005	0.08	<0.1	3.5	0.15	<0.02	290	0.1	0.03	4.4	1.75	<0.1
1267889	Soil	14.8	11.5	0.09	105.4	0.002	2	0.72	0.005	0.06	<0.1	6.3	0.14	0.04	367	0.3	0.02	1.3	1.68	<0.1
1267890	Soil	9.4	22.0	0.25	116.4	0.008	1	1.47	0.011	0.05	0.1	2.5	0.18	<0.02	120	<0.1	0.04	5.8	1.71	<0.1
1267891	Soil	9.4	29.0	0.31	167.6	0.002	2	2.19	0.006	0.10	<0.1	3.3	0.14	0.02	102	0.2	0.03	6.5	1.14	<0.1
1267892	Soil	6.1	24.5	0.26	86.9	<0.001	1	1.88	0.003	0.07	<0.1	3.5	0.13	<0.02	206	0.3	<0.02	4.9	0.98	<0.1
1267893	Soil	11.2	29.5	0.42	129.3	0.002	<1	1.99	0.005	0.08	<0.1	4.3	0.12	<0.02	217	0.2	0.04	6.1	0.88	<0.1
1267894	Soil	4.6	14.6	0.58	107.1	0.002	6	1.03	0.006	0.11	<0.1	2.6	0.13	0.08	64	0.6	<0.02	2.8	1.53	<0.1
1267895	Soil	5.2	14.2	0.36	93.8	0.002	7	0.98	0.004	0.10	<0.1	3.4	0.11	0.09	101	0.5	<0.02	2.9	1.52	<0.1
1267896	Soil	3.4	10.0	0.29	78.0	<0.001	3	0.67	0.004	0.08	<0.1	3.8	0.12	0.04	84	0.1	<0.02	1.9	1.85	<0.1
1267897	Soil	2.4	9.4	0.34	61.4	<0.001	3	0.56	0.003	0.07	<0.1	3.2	0.09	0.05	54	0.3	0.03	1.5	1.59	<0.1
1267898	Soil	2.3	8.4	0.14	74.5	<0.001	2	0.60	<0.001	0.05	<0.1	2.1	0.07	0.06	62	0.3	0.05	1.6	0.56	<0.1
1267899	Soil	3.1	11.5	0.21	79.7	<0.001	3	0.76	<0.001	0.06	<0.1	4.1	0.10	0.02	72	0.3	0.04	2.0	0.84	<0.1
1267900	Soil	3.2	13.5	0.27	97.7	0.001	4	0.81	0.001	0.06	<0.1	2.9	0.08	0.06	119	0.6	<0.02	2.5	0.84	<0.1
1267901	Soil	2.8	23.4	0.35	118.3	0.002	2	1.43	<0.001	0.05	<0.1	2.2	0.09	0.03	43	0.3	0.04	5.2	3.87	<0.1
1267902	Soil	3.2	9.9	0.09	92.0	<0.001	2	0.35	0.001	0.05	<0.1	4.5	0.11	0.05	271	0.3	0.04	1.1	2.72	<0.1
1267903	Soil	5.8	12.7	0.12	91.0	0.001	<1	0.74	<0.001	0.05	<0.1	3.1	0.09	0.02	106	0.2	0.03	2.3	1.18	<0.1
1267904	Soil	2.5	6.8	0.05	41.0	0.001	<1	0.64	<0.001	0.03	<0.1	2.2	0.10	<0.02	21	0.1	0.03	2.2	1.47	<0.1
1267905	Soil	2.5	10.7	0.06	80.8	0.001	1	0.75	<0.001	0.04	<0.1	2.9	0.10	<0.02	45	0.2	0.07	3.6	5.06	<0.1
1267906	Soil	4.2	9.7	0.08	91.9	0.003	2	0.60	<0.001	0.07	<0.1	2.4	0.07	<0.02	34	0.2	0.03	2.2	3.91	<0.1
1267907	Soil	10.3	6.7	0.07	71.9	<0.001	3	0.62	0.002	0.05	<0.1	7.7	0.19	0.03	561	0.4	0.07	1.1	1.64	<0.1
1267908	Soil	4.4	16.2	0.28	100.2	0.002	2	1.03	<0.001	0.07	<0.1	4.0	0.06	0.04	133	0.3	0.03	3.1	3.33	<0.1
1267909	Soil	4.5	14.6	0.22	94.7	0.001	2	0.94	0.001	0.06	<0.1	5.0	0.12	<0.02	500	0.4	0.05	2.6	1.29	<0.1
1267910	Soil	7.6	8.6	0.12	146.2	<0.001	2	0.63	0.002	0.04	<0.1	4.5	0.11	0.06	2440	0.6	0.05	1.3	1.30	<0.1
1267911	Soil	6.8	19.1	0.29	145.1	0.003	2	1.23	<0.001	0.08	<0.1	2.6	0.08	<0.02	49	0.2	0.03	4.2	3.39	<0.1
1267912	Soil	5.1	21.6	0.30	39.8	0.002	1	1.35	<0.001	0.07	<0.1	2.2	0.07	<0.02	51	0.1	0.02	4.4	1.66	<0.1
1267913	Soil	4.7	15.9	0.37	154.1	<0.001	2	1.22	<0.001	0.08	<0.1	3.9	0.10	0.08	171	0.5	<0.02	3.3	3.86	<0.1
1267914	Soil	4.6	15.6	0.37	141.3	0.002	4	1.05	0.002	0.08	<0.1	2.8	0.08	0.11	166	0.8	<0.02	2.8	2.42	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10
1267885	Soil	0.44	11.3	0.5	<0.05	1.0	10.32	17.9	0.03	<1	1.0	21.5	<10
1267886	Soil	0.42	8.3	0.4	<0.05	1.2	7.16	14.7	0.03	<1	0.7	19.0	<10
1267887	Soil	0.48	10.7	0.4	<0.05	1.6	9.02	19.6	0.03	<1	1.0	19.1	<10
1267888	Soil	0.27	12.8	0.5	<0.05	1.1	5.91	23.5	0.04	<1	0.9	31.3	<10
1267889	Soil	0.20	8.5	0.3	<0.05	0.7	19.11	48.4	0.06	<1	1.1	5.7	<10
1267890	Soil	0.77	12.1	0.6	<0.05	1.4	2.61	20.1	0.04	<1	0.5	19.1	<10
1267891	Soil	0.61	13.0	0.6	<0.05	2.0	5.81	29.8	0.04	<1	1.1	23.8	<10
1267892	Soil	0.24	10.1	0.5	<0.05	2.3	4.69	21.3	0.03	<1	1.3	21.6	<10
1267893	Soil	0.39	11.8	0.5	<0.05	2.5	9.57	24.2	0.04	<1	1.2	23.9	<10
1267894	Soil	0.25	10.6	0.4	<0.05	2.1	5.60	12.8	0.02	<1	0.8	22.2	<10
1267895	Soil	0.26	10.7	0.3	<0.05	2.4	7.66	13.6	0.03	<1	0.7	23.8	<10
1267896	Soil	0.07	6.8	0.3	<0.05	2.2	8.20	11.0	0.04	<1	0.9	22.1	<10
1267897	Soil	0.08	5.0	1.3	<0.05	2.0	7.39	8.1	0.07	<1	0.6	22.2	<10
1267898	Soil	0.12	4.5	0.3	<0.05	1.6	5.80	7.0	0.03	<1	0.6	14.5	<10
1267899	Soil	0.11	4.8	0.6	<0.05	2.3	8.51	11.0	0.05	<1	0.9	24.1	<10
1267900	Soil	0.21	5.7	0.4	<0.05	1.9	7.42	9.3	0.03	<1	0.7	23.8	<10
1267901	Soil	0.38	10.1	0.7	<0.05	0.7	2.92	7.5	0.04	<1	0.9	39.4	<10
1267902	Soil	0.07	6.3	0.3	<0.05	0.9	9.29	12.1	0.04	<1	0.9	3.7	<10
1267903	Soil	0.24	6.7	0.6	<0.05	0.6	8.34	17.1	0.04	<1	0.8	8.2	<10
1267904	Soil	0.19	9.4	0.4	<0.05	0.2	1.90	5.9	0.03	<1	0.4	2.1	<10
1267905	Soil	0.17	14.3	0.8	<0.05	0.2	2.02	5.4	0.03	<1	0.3	3.7	<10
1267906	Soil	0.32	12.1	0.5	<0.05	0.3	3.07	12.8	0.03	<1	0.5	6.8	<10
1267907	Soil	0.05	5.9	0.3	<0.05	1.3	20.08	29.6	0.05	<1	1.1	4.6	<10
1267908	Soil	0.27	8.4	0.4	<0.05	1.3	10.34	11.1	0.03	<1	0.8	25.4	<10
1267909	Soil	0.20	6.3	0.5	<0.05	2.3	7.90	16.0	0.04	<1	0.8	13.9	<10
1267910	Soil	0.17	5.4	0.3	<0.05	1.6	16.05	24.8	0.04	<1	0.8	6.0	<10
1267911	Soil	0.43	12.7	0.6	<0.05	0.4	4.77	13.0	0.02	<1	0.7	25.6	<10
1267912	Soil	0.27	8.4	0.5	<0.05	0.6	2.31	11.7	0.03	<1	0.8	35.9	<10
1267913	Soil	0.32	12.0	0.4	<0.05	1.9	13.03	9.6	0.04	<1	1.2	19.5	<10
1267914	Soil	0.30	10.8	0.4	<0.05	1.5	8.90	9.3	0.03	<1	0.8	18.4	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1267915	Soil	0.38	27.97	19.55	90.7	103	23.5	10.7	444	2.91	27.7	0.9	1.0	1.6	77.6	0.14	0.65	0.29	17	0.89
1267916	Soil	0.27	25.14	22.43	79.4	199	21.9	7.8	205	2.91	17.5	0.7	<0.2	1.5	81.7	0.08	0.29	0.32	13	0.81
1267917	Soil	0.56	23.53	17.15	110.4	202	24.3	10.2	702	2.89	22.3	1.2	0.6	0.8	88.4	0.40	0.73	0.28	26	1.32
1267918	Soil	1.32	29.07	25.02	83.5	41	23.1	13.3	346	3.86	16.7	0.4	<0.2	2.4	55.6	0.13	0.32	0.33	17	0.61
1267919	Soil	0.52	17.09	19.06	46.4	109	15.9	10.1	269	3.22	8.4	1.0	<0.2	2.2	47.5	0.10	0.23	0.26	19	1.07
1267920	Soil	0.57	37.93	21.03	60.5	195	28.7	11.6	340	3.87	18.3	1.0	1.0	1.8	66.1	0.11	0.33	0.26	17	1.22
1267962	Soil	0.94	16.87	28.34	70.2	39	20.2	12.8	806	3.30	8.4	0.8	<0.2	1.8	6.9	0.14	0.42	0.27	36	0.05
1267963	Soil	0.67	31.35	26.17	85.9	74	29.5	14.2	531	4.92	9.3	0.5	<0.2	4.4	7.4	0.05	0.21	0.45	33	0.02
1267964	Soil	0.55	30.94	58.52	96.5	61	32.5	34.5	2823	3.82	7.4	0.7	<0.2	3.7	11.8	0.14	0.21	0.40	25	0.18
1267965	Soil	0.47	21.72	31.48	84.2	76	27.7	21.7	932	3.82	6.0	0.4	<0.2	3.3	5.7	0.06	0.18	0.40	26	0.03
1267966	Soil	0.52	17.51	18.93	72.1	39	26.4	10.5	1161	3.21	5.4	0.7	<0.2	4.9	7.9	0.06	0.26	0.28	32	0.08
1267967	Soil	0.45	24.97	22.35	83.6	24	28.7	16.1	523	3.69	6.1	0.5	<0.2	4.4	8.6	0.03	0.24	0.38	28	0.07
1267968	Soil	0.27	15.62	14.43	79.0	50	23.6	12.1	333	2.82	4.0	0.3	<0.2	3.1	14.8	0.05	0.15	0.29	25	0.21
1267969	Soil	0.33	24.85	23.37	79.9	33	28.1	14.5	322	3.59	5.0	0.4	<0.2	4.2	13.1	0.03	0.18	0.38	25	0.12
1267970	Soil	0.27	19.54	21.63	69.6	20	26.8	12.4	374	3.39	4.2	0.4	<0.2	3.8	14.2	0.03	0.13	0.34	24	0.11
1267971	Soil	0.53	13.66	13.51	93.9	71	19.1	9.5	256	2.44	3.7	1.5	<0.2	3.3	13.1	0.18	0.19	0.24	29	0.10
1267972	Soil	0.29	15.87	18.62	71.5	70	22.8	10.1	250	3.40	3.5	0.5	<0.2	3.7	5.5	0.04	0.10	0.30	27	0.04
1267973	Soil	0.93	10.06	17.72	73.1	46	21.8	11.1	219	3.48	8.0	0.4	<0.2	3.6	6.4	0.05	0.25	0.28	44	0.05
1267974	Soil	0.29	37.47	20.12	87.8	107	29.7	14.9	322	4.09	3.9	0.4	5.1	4.0	8.6	0.09	0.23	0.53	31	0.04
1267975	Soil	0.56	21.22	13.70	87.5	61	27.6	11.5	237	4.25	5.3	0.4	2.1	3.9	8.7	0.05	0.39	0.40	35	0.03
1267976	Soil	0.74	16.60	19.82	80.2	98	21.0	9.7	215	3.92	10.1	0.4	1.6	4.1	8.6	0.08	0.51	0.42	41	0.03
1267977	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
617704	Soil	1.22	14.54	13.32	79.8	48	27.3	10.2	232	2.79	3.2	0.7	4.8	1.4	148.9	0.15	0.24	0.21	22	2.47
617705	Soil	1.55	16.37	15.58	90.6	58	34.3	13.4	352	3.22	3.9	0.6	2.3	3.6	244.5	0.25	0.32	0.19	20	4.57
617706	Soil	2.87	19.31	15.84	199.8	230	37.9	12.6	331	3.55	6.1	1.0	2.0	4.0	104.6	1.73	1.30	0.21	66	2.66
617707	Soil	2.13	17.04	24.69	137.1	238	31.6	10.6	554	3.56	6.0	1.1	3.2	2.0	63.9	0.79	0.98	0.21	59	1.35
617708	Soil	1.52	16.21	17.11	83.0	109	17.1	7.1	334	2.89	9.0	1.0	5.2	0.6	53.2	0.35	0.79	0.32	46	0.77
617709	Soil	1.28	11.37	13.93	44.6	100	8.8	3.8	98	2.62	7.8	0.4	3.1	3.3	4.4	0.06	0.70	0.27	43	0.01
617710	Soil	2.91	19.65	36.12	78.8	90	21.6	12.1	533	2.53	8.3	0.6	2.0	3.1	4.7	0.13	0.64	0.25	19	0.03
617711	Soil	0.86	20.35	20.44	79.4	39	27.5	13.1	468	3.09	5.1	0.8	1.7	4.4	5.2	0.15	0.49	0.22	29	0.06



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1267915	Soil	5.2	16.6	0.33	119.1	0.001	3	1.00	0.001	0.07	<0.1	3.9	0.07	0.07	209	0.5	0.03	3.0	1.74	<0.1
1267916	Soil	4.2	13.4	0.22	101.4	0.001	3	0.81	0.001	0.07	<0.1	3.5	0.08	0.07	203	0.9	0.03	2.3	3.01	<0.1
1267917	Soil	6.7	22.7	0.43	163.8	0.009	5	1.20	0.004	0.08	<0.1	2.0	0.09	0.10	131	1.2	0.02	3.2	7.02	<0.1
1267918	Soil	3.3	8.2	0.06	95.8	<0.001	<1	0.67	<0.001	0.05	<0.1	5.2	0.09	<0.02	38	0.2	0.06	1.7	1.08	<0.1
1267919	Soil	4.6	10.8	0.10	203.1	<0.001	1	0.76	0.002	0.07	<0.1	3.7	0.08	0.04	64	0.4	0.03	2.2	1.62	<0.1
1267920	Soil	7.4	10.3	0.11	129.3	<0.001	4	0.63	0.001	0.06	<0.1	6.4	0.09	0.05	249	0.6	0.04	1.3	1.52	<0.1
1267962	Soil	9.6	27.5	0.41	104.4	0.011	2	1.73	0.001	0.09	0.1	2.1	0.11	<0.02	35	0.3	<0.02	5.1	2.10	<0.1
1267963	Soil	4.6	41.2	0.45	71.1	0.003	<1	2.37	<0.001	0.10	<0.1	3.9	0.10	<0.02	21	0.3	0.03	8.1	2.96	<0.1
1267964	Soil	7.4	29.7	0.39	212.2	0.003	<1	1.77	<0.001	0.14	<0.1	4.7	0.11	<0.02	38	0.1	<0.02	6.4	1.70	<0.1
1267965	Soil	3.8	29.5	0.36	251.3	0.002	<1	2.09	<0.001	0.18	<0.1	3.6	0.15	<0.02	10	0.2	0.04	6.7	1.65	<0.1
1267966	Soil	9.8	31.8	0.49	198.2	0.007	<1	1.97	<0.001	0.10	<0.1	3.5	0.10	<0.02	25	0.2	<0.02	5.8	1.20	<0.1
1267967	Soil	5.5	32.9	0.48	155.3	0.004	1	1.92	<0.001	0.15	<0.1	3.4	0.12	<0.02	20	0.2	<0.02	6.6	2.02	<0.1
1267968	Soil	4.0	26.6	0.38	204.9	0.002	1	1.75	<0.001	0.25	<0.1	2.4	0.12	<0.02	10	0.2	0.02	6.0	0.71	<0.1
1267969	Soil	4.5	30.3	0.56	93.1	0.003	1	1.85	<0.001	0.18	<0.1	2.8	0.10	<0.02	15	0.1	<0.02	6.4	1.36	<0.1
1267970	Soil	4.9	30.5	0.57	117.0	0.005	1	1.65	<0.001	0.13	<0.1	2.7	0.08	<0.02	13	0.1	<0.02	6.2	1.52	<0.1
1267971	Soil	9.8	26.6	0.42	215.9	0.011	1	1.42	0.002	0.08	<0.1	2.8	0.09	<0.02	46	0.3	<0.02	5.3	0.94	<0.1
1267972	Soil	4.8	28.8	0.43	110.3	0.002	1	2.02	<0.001	0.09	<0.1	2.5	0.10	<0.02	17	0.3	<0.02	6.7	1.09	<0.1
1267973	Soil	7.7	30.8	0.42	146.8	0.007	<1	2.32	<0.001	0.09	0.1	2.3	0.11	<0.02	13	0.2	<0.02	6.5	1.08	<0.1
1267974	Soil	4.9	41.6	0.62	186.5	0.003	3	2.34	0.005	0.17	<0.1	3.2	0.18	<0.02	25	0.2	<0.02	9.0	3.05	<0.1
1267975	Soil	6.1	37.3	0.54	153.8	0.001	2	2.16	0.005	0.13	<0.1	2.6	0.14	<0.02	22	0.2	<0.02	7.6	2.54	<0.1
1267976	Soil	6.9	32.3	0.49	118.0	0.002	1	2.05	0.004	0.12	<0.1	2.5	0.15	<0.02	22	0.2	0.03	7.4	1.79	<0.1
1267977	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
617704	Soil	12.8	18.1	0.33	151.5	<0.001	11	0.97	0.003	0.20	<0.1	2.7	0.30	0.11	34	0.4	<0.02	2.4	1.31	<0.1
617705	Soil	16.1	18.9	0.35	124.1	0.001	11	1.06	0.004	0.27	<0.1	4.4	0.25	0.03	27	0.3	<0.02	2.5	1.74	<0.1
617706	Soil	21.2	22.1	0.37	167.3	0.002	9	1.30	0.004	0.28	<0.1	5.1	0.38	0.04	28	0.8	<0.02	3.4	1.38	<0.1
617707	Soil	21.2	24.9	0.31	204.7	0.001	6	1.49	0.003	0.18	<0.1	3.1	0.27	0.08	38	0.7	0.03	3.8	1.12	<0.1
617708	Soil	9.0	23.1	0.28	143.2	0.004	4	1.34	0.004	0.11	0.1	1.3	0.18	0.08	28	0.5	0.07	5.2	2.08	<0.1
617709	Soil	11.3	15.6	0.13	37.2	0.013	2	0.79	0.002	0.09	<0.1	1.1	0.12	<0.02	26	0.3	<0.02	5.4	1.25	<0.1
617710	Soil	13.0	20.4	0.23	62.6	0.002	4	0.90	0.002	0.12	<0.1	2.1	0.19	0.03	51	0.3	0.02	2.8	1.64	<0.1
617711	Soil	12.8	27.2	0.49	87.6	0.002	5	1.88	0.002	0.21	<0.1	2.8	0.17	<0.02	35	0.2	<0.02	4.6	1.90	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1267915	Soil	0.21	9.0	0.4	<0.05	1.3	8.68	11.8	0.03	<1	1.0	20.9	<10
1267916	Soil	0.22	13.9	0.4	<0.05	1.2	7.17	9.1	0.03	<1	1.0	16.3	<10
1267917	Soil	0.55	18.3	0.4	<0.05	0.7	4.97	15.3	0.03	<1	0.5	18.1	<10
1267918	Soil	0.13	5.7	0.4	<0.05	0.7	8.42	11.5	0.06	<1	1.0	4.0	<10
1267919	Soil	0.21	11.8	0.4	<0.05	0.6	7.22	12.5	0.04	<1	0.6	12.0	<10
1267920	Soil	0.09	6.1	0.3	<0.05	0.9	18.29	17.4	0.05	<1	1.1	5.4	<10
1267962	Soil	0.66	13.0	0.8	<0.05	0.4	4.04	24.9	0.03	<1	1.2	27.3	<10
1267963	Soil	0.44	15.0	0.8	<0.05	2.8	4.77	13.0	0.06	<1	1.3	43.4	<10
1267964	Soil	0.26	12.8	0.7	<0.05	2.2	13.35	23.6	0.04	<1	1.3	31.8	<10
1267965	Soil	0.36	21.4	0.8	<0.05	1.6	4.17	12.9	0.04	<1	1.5	33.6	<10
1267966	Soil	0.55	13.8	0.7	<0.05	1.2	6.03	22.0	0.03	<1	0.8	30.9	<10
1267967	Soil	0.34	17.7	1.2	<0.05	1.5	4.03	14.2	0.04	<1	1.6	36.3	<10
1267968	Soil	0.31	17.5	0.8	<0.05	1.7	2.59	9.5	0.03	<1	1.3	25.7	<10
1267969	Soil	0.25	14.5	0.8	<0.05	1.9	3.69	11.9	0.03	<1	1.5	36.8	<10
1267970	Soil	0.34	14.9	1.1	<0.05	1.1	3.50	12.4	0.03	<1	1.2	40.8	<10
1267971	Soil	0.55	15.2	0.7	<0.05	0.6	4.51	22.1	0.02	<1	0.6	34.0	<10
1267972	Soil	0.38	15.7	0.9	<0.05	1.7	3.24	11.6	0.03	<1	1.0	51.4	<10
1267973	Soil	0.72	15.3	0.7	<0.05	2.4	2.44	16.2	0.02	<1	0.6	34.0	<10
1267974	Soil	0.29	24.2	3.0	<0.05	1.5	3.91	13.7	0.05	<1	1.7	54.5	<10
1267975	Soil	0.21	18.6	1.2	<0.05	2.2	3.08	14.6	0.03	<1	1.0	56.9	<10
1267976	Soil	0.36	17.8	1.2	<0.05	2.2	2.74	15.9	0.03	<1	1.0	47.1	<10
1267977	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
617704	Soil	0.46	12.4	0.6	<0.05	4.7	10.46	27.2	0.03	<1	1.1	10.1	<10
617705	Soil	0.25	13.9	0.7	<0.05	5.6	11.07	38.6	0.04	<1	1.0	11.0	<10
617706	Soil	0.41	14.4	0.8	<0.05	7.5	14.32	46.3	0.04	<1	1.2	15.8	<10
617707	Soil	0.60	13.4	0.8	<0.05	5.4	13.58	43.2	0.04	<1	1.4	14.7	<10
617708	Soil	0.80	15.9	0.9	<0.05	0.8	4.66	20.8	0.03	<1	0.7	13.3	<10
617709	Soil	0.65	10.1	0.8	<0.05	1.6	1.97	26.8	<0.02	<1	0.2	4.9	<10
617710	Soil	0.20	11.8	0.6	<0.05	1.8	7.03	34.2	0.02	<1	0.6	11.4	<10
617711	Soil	0.15	20.4	0.8	<0.05	3.2	4.83	60.7	0.03	<1	0.8	35.1	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
617712	Soil	0.60	13.46	13.39	44.3	35	14.2	7.3	205	2.81	4.0	0.4	0.7	4.0	5.2	0.10	0.44	0.23	37	0.05	0.055
617713	Soil	0.41	16.55	18.69	65.8	101	15.8	7.1	225	1.97	4.8	0.6	1.5	3.4	15.5	0.11	0.34	0.26	15	0.55	0.065
617714	Soil	1.43	26.79	27.91	68.4	50	17.6	16.1	1822	3.84	16.4	1.1	2.6	0.9	6.5	0.12	0.67	0.43	40	0.04	0.075
617715	Soil	1.89	38.62	16.99	79.2	38	19.2	15.6	1754	4.06	17.5	1.0	2.0	1.9	8.6	0.14	0.83	0.50	49	0.04	0.067
617716	Soil	1.53	27.23	28.74	86.5	40	22.6	22.0	1871	4.57	16.7	1.0	1.3	2.0	7.8	0.15	0.81	0.49	44	0.04	0.072
617717	Soil	0.95	30.13	22.72	86.6	35	23.5	28.2	2692	5.07	9.7	1.1	2.4	2.9	7.3	0.11	0.62	0.50	40	0.03	0.084
617718	Soil	1.21	16.97	15.89	79.2	28	17.9	8.1	386	3.11	10.3	0.8	1.8	0.8	13.3	0.14	0.70	0.35	49	0.09	0.055
617719	Soil	0.49	25.21	47.86	78.9	31	12.2	7.7	402	3.88	14.8	0.9	0.5	2.3	6.8	0.07	0.70	0.37	14	0.09	0.030
617720	Soil	0.61	14.86	28.05	72.6	20	24.5	16.3	930	4.09	9.3	0.7	1.0	3.3	7.0	0.07	0.47	0.42	35	0.08	0.058
617721	Soil	2.65	8.87	79.86	156.7	56	10.1	5.7	2363	2.34	23.9	2.2	1.7	1.7	24.8	0.82	0.38	0.22	30	3.66	0.274
617722	Soil	2.72	16.26	1052	383.1	125	18.7	9.7	1672	3.02	25.2	3.6	2.4	2.5	34.6	0.84	0.66	0.28	43	3.56	0.854
617723	Soil	1.82	12.67	249.7	827.6	86	13.5	7.1	2751	4.28	13.3	1.7	1.2	1.1	32.6	2.38	0.46	0.17	21	6.47	0.157
617724	Soil	1.95	17.47	176.8	989.7	149	17.6	8.3	1792	4.19	16.1	4.2	3.1	1.4	16.8	1.70	0.49	0.25	29	1.35	0.162
617725	Soil	2.21	19.04	167.8	1080	174	20.8	9.7	3246	4.39	18.7	3.3	2.1	1.6	28.2	2.24	0.59	0.25	33	3.26	0.213
617726	Soil	0.99	11.98	43.83	302.0	117	15.3	6.9	573	2.75	8.7	3.6	3.3	1.6	14.4	0.52	0.43	0.25	29	1.02	0.145
617727	Soil	0.89	10.63	33.32	432.7	162	18.6	6.8	254	2.80	7.0	0.9	2.1	3.3	13.5	0.34	0.26	0.48	27	0.55	0.073
617728	Soil	1.09	13.08	22.48	106.7	67	16.0	7.2	291	2.67	8.0	1.0	2.7	2.0	8.4	0.10	0.40	0.29	25	0.15	0.110
617729	Soil	0.51	18.65	44.58	91.7	108	22.2	13.1	1080	3.69	12.5	0.8	2.9	1.9	66.6	0.27	0.84	0.33	13	0.21	0.184
617730	Soil	0.45	18.40	24.96	71.1	136	19.1	8.8	424	2.88	5.4	1.0	2.8	1.1	19.2	0.07	0.31	0.27	20	0.27	0.209
617731	Soil	0.13	46.05	22.95	97.6	73	41.6	13.0	585	3.03	2.5	1.6	3.9	4.2	118.6	0.16	0.12	0.26	16	4.42	0.061
617732	Soil	0.31	61.70	31.25	127.5	69	43.4	13.2	419	3.24	4.2	3.0	2.7	4.5	20.0	0.14	0.33	0.35	21	0.49	0.078



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.02
617712	Soil	19.0	25.7	0.37	90.9	0.004	6	1.68	0.002	0.19	<0.1	2.0	0.17	0.02	21	0.2	0.02	5.6	2.48	<0.1
617713	Soil	22.5	16.5	0.46	73.9	0.002	6	1.02	0.003	0.19	<0.1	3.3	0.11	0.04	23	0.3	<0.02	3.0	1.54	<0.1
617714	Soil	5.9	28.0	0.31	171.4	0.006	1	1.26	0.004	0.09	0.1	1.5	0.11	0.05	29	0.3	0.03	5.5	3.19	<0.1
617715	Soil	9.3	35.3	0.42	94.1	0.009	2	1.85	0.004	0.09	0.1	2.7	0.15	0.03	44	0.5	0.06	6.9	4.35	<0.1
617716	Soil	8.7	35.1	0.45	74.0	0.008	2	1.90	0.005	0.10	0.1	2.7	0.14	0.03	38	0.5	0.04	6.5	4.20	<0.1
617717	Soil	6.5	36.3	0.44	118.9	0.006	1	1.96	0.007	0.14	0.1	3.9	0.14	0.02	20	0.3	0.05	7.2	4.50	<0.1
617718	Soil	11.0	29.7	0.38	153.0	0.007	2	1.69	0.005	0.09	0.1	1.7	0.17	0.03	24	0.2	0.03	6.1	2.58	<0.1
617719	Soil	2.7	11.8	0.13	123.5	<0.001	1	0.72	0.003	0.13	<0.1	2.7	0.32	<0.02	27	<0.1	0.02	2.4	1.37	<0.1
617720	Soil	5.9	30.5	0.47	165.7	0.002	2	2.00	0.006	0.15	0.1	2.7	0.24	0.03	21	0.2	0.04	6.3	2.56	<0.1
617721	Soil	14.2	18.9	1.79	116.9	0.002	3	0.98	0.005	0.08	<0.1	1.9	0.47	0.08	68	0.4	0.04	2.2	0.82	<0.1
617722	Soil	20.5	27.5	1.28	120.7	0.007	7	1.69	0.009	0.20	0.1	2.8	1.11	0.08	109	0.5	0.04	4.3	2.23	<0.1
617723	Soil	8.6	14.6	4.09	95.5	0.003	3	1.04	0.008	0.07	<0.1	1.6	0.90	0.07	66	0.5	0.04	2.5	0.63	<0.1
617724	Soil	13.5	22.9	0.51	131.5	0.004	4	1.33	0.005	0.09	0.1	2.2	1.07	0.13	68	0.7	0.04	3.8	0.85	<0.1
617725	Soil	16.2	22.5	1.90	145.9	0.006	3	1.34	0.007	0.09	<0.1	2.4	1.21	0.07	71	0.6	0.04	3.5	0.80	<0.1
617726	Soil	13.0	22.8	0.49	100.8	0.006	5	1.34	0.004	0.10	<0.1	2.2	0.41	0.12	43	0.4	<0.02	3.7	0.96	<0.1
617727	Soil	13.6	25.1	0.48	173.2	0.002	3	1.43	0.004	0.11	<0.1	3.4	0.79	0.06	46	0.3	<0.02	4.1	0.77	<0.1
617728	Soil	10.6	18.1	0.23	69.6	0.003	4	0.93	0.002	0.13	<0.1	2.0	0.16	0.04	19	0.1	0.05	2.7	1.18	<0.1
617729	Soil	5.7	12.9	0.15	96.2	0.001	3	0.65	0.004	0.12	<0.1	1.8	0.13	0.10	62	0.3	0.05	2.2	3.62	<0.1
617730	Soil	6.1	28.4	0.41	91.8	0.002	1	1.27	0.003	0.09	<0.1	1.0	0.15	0.13	44	0.3	0.03	4.6	2.11	<0.1
617731	Soil	11.3	37.1	1.14	65.2	0.003	4	1.74	0.004	0.13	<0.1	4.3	0.07	0.03	22	0.2	<0.02	5.0	2.17	<0.1
617732	Soil	15.4	40.2	1.20	82.5	0.005	3	1.87	0.005	0.10	<0.1	5.8	0.10	0.04	28	0.4	<0.02	5.6	2.67	<0.1



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
617712	Soil	0.37	21.0	0.9	<0.05	1.9	3.77	51.0	0.03	<1	0.7	29.9	<10
617713	Soil	0.20	12.7	1.6	<0.05	4.1	15.92	38.8	<0.02	<1	0.9	18.0	<10
617714	Soil	0.42	12.1	1.9	<0.05	0.3	3.17	15.1	0.03	<1	0.5	18.9	<10
617715	Soil	0.49	17.0	1.2	<0.05	0.5	4.67	21.4	0.03	<1	1.1	32.1	<10
617716	Soil	0.37	15.2	1.1	<0.05	0.3	5.16	21.5	0.05	<1	1.3	33.3	<10
617717	Soil	0.31	19.0	1.2	<0.05	1.0	6.41	16.9	0.04	<1	1.4	33.0	<10
617718	Soil	0.51	15.9	0.9	<0.05	0.1	5.81	27.2	0.03	<1	0.9	27.4	<10
617719	Soil	0.12	13.0	0.8	<0.05	0.4	4.66	6.3	0.03	<1	0.7	6.1	<10
617720	Soil	0.44	20.4	1.0	<0.05	1.4	4.24	16.5	0.04	<1	1.2	45.3	<10
617721	Soil	0.18	6.9	0.5	<0.05	1.7	12.46	29.6	0.02	<1	0.8	6.5	<10
617722	Soil	0.37	15.3	0.6	<0.05	2.5	22.27	34.8	0.03	<1	0.9	13.1	<10
617723	Soil	0.23	6.3	0.4	<0.05	1.3	9.02	15.7	<0.02	<1	0.8	9.4	<10
617724	Soil	0.48	9.6	0.6	<0.05	1.9	12.53	23.9	0.03	<1	0.9	11.4	<10
617725	Soil	0.31	8.1	0.6	<0.05	1.9	14.91	28.9	0.02	<1	0.9	12.1	<10
617726	Soil	0.51	12.0	0.6	<0.05	2.1	10.38	23.1	<0.02	1	0.8	13.7	<10
617727	Soil	0.45	12.8	0.7	<0.05	2.7	10.36	25.7	0.03	<1	0.8	21.5	<10
617728	Soil	0.23	13.5	0.4	<0.05	2.0	7.58	26.7	0.03	<1	0.5	11.0	<10
617729	Soil	0.07	8.9	0.8	<0.05	1.0	8.68	18.2	0.02	<1	0.6	7.2	<10
617730	Soil	0.24	11.8	0.5	<0.05	2.0	3.83	14.9	0.02	<1	0.6	18.4	<10
617731	Soil	0.11	7.3	0.5	<0.05	4.4	12.57	26.6	0.03	<1	1.0	42.4	<10
617732	Soil	0.23	9.6	0.6	<0.05	5.9	22.94	26.7	0.04	<1	1.2	50.2	<10



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QUALITY CONTROL REPORT

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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
Pulp Duplicates																				
1267715	Soil	0.49	13.16	17.16	67.8	50	18.2	8.1	451	3.56	7.9	0.4	1.5	2.7	5.7	0.06	0.36	0.27	28	0.04
REP 1267715	QC	0.49	13.81	17.98	71.1	51	18.4	8.6	476	3.69	8.4	0.5	0.6	2.8	5.9	0.06	0.40	0.30	30	0.04
1267952	Soil	0.95	32.24	56.23	116.1	278	36.2	27.6	1540	5.72	3.3	0.7	0.7	2.9	6.0	0.04	0.21	0.99	27	0.04
REP 1267952	QC	1.01	33.12	57.01	116.5	292	36.5	27.6	1537	5.84	3.4	0.7	1.2	3.1	6.4	0.05	0.20	1.09	27	0.05
1267019	Soil	1.05	37.09	41.26	134.6	175	33.3	23.9	1634	7.18	5.4	0.8	0.6	4.4	5.4	0.18	0.31	0.49	49	0.03
REP 1267019	QC	1.07	37.52	41.53	140.5	173	34.4	25.1	1637	7.32	5.4	0.8	<0.2	4.4	5.8	0.17	0.36	0.48	50	0.02
1267732	Soil	0.61	24.50	31.71	162.2	61	24.5	21.9	2384	4.51	5.6	0.5	0.8	3.6	12.1	0.11	0.23	0.46	39	0.12
REP 1267732	QC	0.61	24.57	32.16	166.6	61	25.0	21.9	2403	4.53	5.5	0.5	0.6	3.7	12.1	0.12	0.21	0.46	40	0.12
1267750	Soil	0.54	27.06	31.25	104.0	135	40.3	15.0	448	3.18	7.0	0.6	0.9	3.1	225.5	0.14	0.30	0.33	9	4.75
REP 1267750	QC	0.58	25.54	30.82	94.4	131	38.6	14.7	445	3.17	7.0	0.6	0.3	3.2	223.0	0.15	0.33	0.34	10	4.58
1267773	Soil	0.47	18.45	31.92	74.2	150	24.2	9.8	312	4.18	6.2	0.8	2.3	2.7	40.9	0.07	0.23	0.52	13	0.57
REP 1267773	QC	0.48	19.08	33.55	78.8	149	24.4	10.6	323	4.36	6.7	0.8	2.7	2.5	42.8	0.07	0.25	0.51	14	0.59
617081	Soil	0.50	23.64	22.04	76.3	127	24.8	11.4	522	3.46	12.7	0.8	0.6	3.0	50.2	0.16	0.69	0.29	22	2.22
REP 617081	QC	0.49	21.73	20.48	71.3	114	22.6	10.6	490	3.23	11.8	0.8	1.3	2.8	45.8	0.16	0.61	0.26	21	2.07
617096	Soil	0.34	19.61	20.19	99.7	80	21.1	9.4	323	2.93	16.3	0.7	1.7	2.0	61.2	0.17	0.45	0.22	14	1.02
REP 617096	QC	0.37	20.68	21.24	106.1	91	22.1	9.9	336	3.09	17.5	0.8	1.1	2.2	65.7	0.18	0.48	0.25	15	1.08
1267484	Soil	0.97	30.31	48.67	107.3	159	27.1	20.1	967	4.45	8.9	0.9	0.2	3.2	20.3	0.17	0.47	0.32	27	0.31
REP 1267484	QC	0.96	28.84	46.82	100.7	147	26.2	19.1	935	4.29	8.5	0.9	0.4	3.4	19.8	0.15	0.44	0.29	25	0.30
1267492	Soil	1.25	23.46	16.16	107.9	127	16.0	8.8	356	3.32	8.5	0.4	1.1	0.2	5.4	0.53	0.81	0.43	38	0.06
REP 1267492	QC	1.23	24.37	16.81	113.4	131	15.9	8.7	367	3.31	8.6	0.4	1.0	0.2	5.6	0.52	0.83	0.42	38	0.05
1266494	Soil	0.32	19.35	19.66	40.1	64	16.2	10.3	276	2.74	9.3	0.5	0.7	3.2	22.7	0.03	0.18	0.37	12	0.59
REP 1266494	QC	0.33	19.71	20.38	42.5	62	16.9	10.5	283	2.78	9.5	0.5	0.8	3.3	23.2	0.03	0.19	0.37	12	0.60
1267873	Soil	0.33	39.72	26.25	103.5	174	33.9	17.8	362	4.15	12.1	0.5	1.6	3.5	53.3	0.08	0.20	0.33	21	0.31
REP 1267873	QC	0.31	38.19	25.53	96.7	159	33.1	17.3	349	4.08	11.7	0.5	1.9	3.3	49.6	0.07	0.19	0.31	21	0.29
1267893	Soil	0.45	17.76	40.38	255.0	32	26.1	12.2	1056	4.90	21.1	1.0	0.9	4.6	27.6	0.43	0.81	0.32	31	0.36
REP 1267893	QC	0.47	17.61	39.72	253.2	35	26.2	12.5	1064	4.92	20.9	1.0	0.9	4.5	27.9	0.41	0.87	0.33	31	0.35
1267905	Soil	1.03	17.12	10.14	63.3	23	19.3	10.1	302	3.72	40.7	0.2	<0.2	1.2	6.3	0.06	0.47	0.29	33	0.02
REP 1267905	QC	0.93	15.83	9.32	57.0	18	18.0	9.2	285	3.41	36.4	0.2	<0.2	1.1	5.7	0.05	0.39	0.26	30	0.02



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Part 2

QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
Pulp Duplicates																			
1267715	Soil	6.2	22.3	0.30	96.5	0.003	1	1.33	0.001	0.10	<0.1	2.0	0.11	<0.02	31	<0.1	0.02	5.0	1.35
REP 1267715	QC	6.5	22.6	0.31	98.7	0.003	1	1.39	0.001	0.10	<0.1	2.1	0.10	<0.02	30	0.2	0.02	5.2	1.46
1267952	Soil	3.0	30.2	0.66	109.6	<0.001	<1	2.73	<0.001	0.09	<0.1	5.3	0.21	<0.02	32	0.2	0.04	7.6	4.23
REP 1267952	QC	3.2	32.6	0.67	116.1	<0.001	<1	2.76	<0.001	0.09	<0.1	5.4	0.21	<0.02	35	0.2	0.04	7.6	4.40
1267019	Soil	4.9	47.2	0.58	146.9	0.003	<1	2.96	0.001	0.10	<0.1	5.2	0.11	<0.02	46	0.3	0.04	11.2	4.48
REP 1267019	QC	5.4	48.6	0.58	143.8	0.005	<1	3.03	0.002	0.11	<0.1	5.6	0.11	<0.02	44	0.4	0.05	11.3	5.34
1267732	Soil	7.4	34.4	0.36	381.2	0.002	2	2.52	0.001	0.17	<0.1	3.5	0.22	<0.02	22	0.2	0.04	9.3	2.93
REP 1267732	QC	7.6	34.4	0.35	386.6	0.003	2	2.57	0.002	0.17	<0.1	3.6	0.22	<0.02	22	0.2	0.02	9.7	2.95
1267750	Soil	3.1	10.9	0.34	83.3	0.002	6	0.71	0.003	0.12	<0.1	3.5	0.14	0.10	81	0.4	0.05	2.0	2.71
REP 1267750	QC	3.4	11.1	0.32	92.8	0.002	6	0.74	0.003	0.12	<0.1	3.5	0.13	0.09	61	0.3	0.05	1.9	2.68
1267773	Soil	6.9	7.5	0.06	165.0	<0.001	2	0.77	<0.001	0.06	<0.1	4.0	0.17	0.04	129	0.3	0.03	1.4	0.99
REP 1267773	QC	7.3	7.9	0.07	172.5	<0.001	3	0.83	<0.001	0.06	<0.1	4.2	0.19	0.04	113	0.2	0.05	1.5	1.17
617081	Soil	8.8	18.9	1.10	125.8	0.004	3	1.30	0.003	0.08	<0.1	4.3	0.09	0.04	209	0.3	0.05	3.6	0.94
REP 617081	QC	8.1	17.9	1.01	118.0	0.003	3	1.21	0.002	0.07	<0.1	4.1	0.09	0.04	157	0.3	0.04	3.6	0.91
617096	Soil	4.8	14.1	0.32	93.4	0.001	2	0.84	0.004	0.06	<0.1	2.7	0.06	0.05	261	0.5	<0.02	2.6	0.63
REP 617096	QC	5.1	15.3	0.35	99.4	0.001	3	0.90	0.004	0.06	<0.1	3.0	0.07	0.05	194	0.5	<0.02	2.7	0.69
1267484	Soil	5.6	24.6	0.34	131.1	0.004	1	1.52	0.003	0.08	<0.1	5.0	0.11	0.05	18	0.2	0.04	4.8	3.28
REP 1267484	QC	5.2	23.4	0.33	129.3	0.003	<1	1.42	0.003	0.07	<0.1	4.9	0.10	0.04	27	0.2	0.05	4.4	3.00
1267492	Soil	4.1	13.1	0.04	63.6	0.004	1	0.43	0.001	0.05	<0.1	0.6	0.05	0.04	28	0.2	0.05	4.0	2.09
REP 1267492	QC	4.3	13.1	0.04	66.3	0.005	1	0.44	0.002	0.05	<0.1	0.7	0.06	0.04	36	0.2	0.06	4.2	2.18
1266494	Soil	7.3	8.4	0.11	87.6	<0.001	3	0.63	0.002	0.10	<0.1	3.1	0.08	0.04	93	<0.1	0.04	1.8	0.61
REP 1266494	QC	7.0	8.6	0.11	87.7	<0.001	3	0.60	0.003	0.09	<0.1	3.1	0.08	0.04	108	0.1	0.05	1.8	0.50
1267873	Soil	5.9	24.3	0.38	94.9	0.006	3	0.98	0.004	0.07	<0.1	4.3	0.08	0.02	82	0.2	<0.02	4.5	5.47
REP 1267873	QC	5.6	23.6	0.36	90.1	0.006	3	0.95	0.004	0.07	<0.1	4.1	0.09	<0.02	80	0.2	0.04	4.2	5.42
1267893	Soil	11.2	29.5	0.42	129.3	0.002	<1	1.99	0.005	0.08	<0.1	4.3	0.12	<0.02	217	0.2	0.04	6.1	0.88
REP 1267893	QC	11.2	29.8	0.42	129.5	0.002	<1	2.02	0.006	0.08	<0.1	4.2	0.13	<0.02	211	0.2	0.04	6.2	0.91
1267905	Soil	2.5	10.7	0.06	80.8	0.001	1	0.75	<0.001	0.04	<0.1	2.9	0.10	<0.02	45	0.2	0.07	3.6	5.06
REP 1267905	QC	2.2	9.9	0.06	72.4	0.001	<1	0.70	<0.001	0.04	<0.1	2.7	0.09	<0.02	34	0.2	0.03	3.1	4.18



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Part 3

QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates														
1267715	Soil	0.54	15.3	0.9	<0.05	0.8	2.86	14.0	0.02	<1	0.7	22.9	<10	<2
REP 1267715	QC	0.54	16.7	1.0	<0.05	0.9	3.02	14.5	0.03	<1	0.6	23.8	<10	<2
1267952	Soil	0.05	24.1	1.0	<0.05	1.6	6.06	10.5	0.04	<1	1.7	60.8	<10	<2
REP 1267952	QC	0.05	24.8	1.0	<0.05	1.5	6.21	10.8	0.04	<1	1.7	59.9	<10	<2
1267019	Soil	0.67	18.6	1.7	<0.05	2.5	4.64	10.9	0.07	<1	1.3	50.9	<10	<2
REP 1267019	QC	0.67	20.8	1.8	<0.05	2.4	4.88	12.1	0.07	<1	1.3	52.9	<10	<2
1267732	Soil	0.42	29.4	1.1	<0.05	1.8	3.63	19.7	0.04	<1	1.7	47.7	<10	<2
REP 1267732	QC	0.44	29.9	1.2	<0.05	1.6	3.61	19.6	0.04	<1	1.7	47.0	<10	<2
1267750	Soil	0.09	9.8	3.5	<0.05	1.9	8.36	9.3	0.03	<1	0.8	27.9	<10	<2
REP 1267750	QC	0.11	10.1	3.3	<0.05	2.0	8.58	10.5	0.04	<1	0.7	27.0	<10	<2
1267773	Soil	0.09	10.7	0.7	<0.05	1.6	13.14	24.2	0.06	<1	1.1	6.5	<10	<2
REP 1267773	QC	0.10	12.4	0.7	<0.05	1.3	13.50	25.9	0.06	3	1.2	7.0	<10	3
617081	Soil	0.33	9.0	0.6	<0.05	1.7	11.29	17.6	0.03	<1	0.9	26.0	<10	<2
REP 617081	QC	0.34	8.2	0.6	<0.05	1.5	10.79	16.8	0.04	<1	0.8	24.8	<10	<2
617096	Soil	0.21	4.9	0.3	<0.05	1.5	5.93	11.1	0.03	<1	0.6	19.7	<10	<2
REP 617096	QC	0.21	5.4	0.3	<0.05	1.5	6.32	11.9	0.03	1	0.7	20.7	<10	<2
1267484	Soil	0.28	12.4	0.6	<0.05	1.5	12.85	21.9	0.06	<1	1.5	43.7	<10	<2
REP 1267484	QC	0.26	10.9	0.6	<0.05	1.5	12.50	21.0	0.05	<1	1.2	41.2	<10	<2
1267492	Soil	0.30	14.2	1.2	<0.05	<0.1	1.72	8.4	0.03	<1	0.3	1.9	<10	<2
REP 1267492	QC	0.28	14.7	1.2	<0.05	<0.1	1.79	9.0	0.03	<1	0.2	1.9	<10	<2
1266494	Soil	0.16	6.3	0.3	<0.05	1.0	5.39	22.3	0.03	1	0.6	6.9	<10	<2
REP 1266494	QC	0.15	5.8	0.3	<0.05	1.2	5.59	22.4	0.03	<1	0.6	7.0	<10	<2
1267873	Soil	0.34	10.7	0.7	<0.05	0.9	8.45	15.0	0.05	<1	1.2	33.6	<10	<2
REP 1267873	QC	0.34	10.3	0.7	<0.05	0.8	7.87	14.4	0.04	<1	1.0	32.7	<10	<2
1267893	Soil	0.39	11.8	0.5	<0.05	2.5	9.57	24.2	0.04	<1	1.2	23.9	<10	<2
REP 1267893	QC	0.38	12.2	0.5	<0.05	2.5	9.54	24.5	0.03	<1	1.2	23.1	<10	<2
1267905	Soil	0.17	14.3	0.8	<0.05	0.2	2.02	5.4	0.03	<1	0.3	3.7	<10	<2
REP 1267905	QC	0.14	12.6	0.6	<0.05	0.2	1.84	5.3	0.03	<1	0.3	3.6	<10	<2



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Part 1

QUALITY CONTROL REPORT

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		1F15 Mo ppm 0.01	1F15 Cu ppm 0.01	1F15 Pb ppm 0.01	1F15 Zn ppm 0.1	1F15 Ag ppb 2	1F15 Ni ppm 0.1	1F15 Co ppm 0.1	1F15 Mn ppm 1	1F15 Fe % 0.01	1F15 As ppm 0.1	1F15 U ppm 0.1	1F15 Au ppb 0.2	1F15 Th ppm 0.1	1F15 Sr ppm 0.5	1F15 Cd ppm 0.01	1F15 Sb ppm 0.02	1F15 Bi ppm 0.02	1F15 V ppm 2	1F15 Ca % 0.01	1F15 P % 0.001
1267966	Soil	0.52	17.51	18.93	72.1	39	26.4	10.5	1161	3.21	5.4	0.7	<0.2	4.9	7.9	0.06	0.26	0.28	32	0.08	0.022
REP 1267966	QC	0.55	18.01	19.03	72.7	47	27.4	10.7	1198	3.29	5.8	0.7	0.2	5.0	8.1	0.07	0.27	0.31	33	0.08	0.022
1267974	Soil	0.29	37.47	20.12	87.8	107	29.7	14.9	322	4.09	3.9	0.4	5.1	4.0	8.6	0.09	0.23	0.53	31	0.04	0.027
REP 1267974	QC	0.27	37.56	20.01	90.9	114	28.9	14.3	320	4.04	3.7	0.4	2.5	4.0	8.4	0.06	0.22	0.45	31	0.04	0.026
617732	Soil	0.31	61.70	31.25	127.5	69	43.4	13.2	419	3.24	4.2	3.0	2.7	4.5	20.0	0.14	0.33	0.35	21	0.49	0.078
REP 617732	QC	0.34	61.09	31.51	129.7	64	42.9	13.0	403	3.27	4.4	3.0	3.0	4.8	20.0	0.14	0.32	0.35	22	0.53	0.080
Reference Materials																					
STD DS8	Standard	12.38	104.2	127.3	324.7	1822	36.3	7.0	607	2.52	26.8	2.7	114.9	6.5	69.8	2.48	6.03	6.23	42	0.72	0.087
STD DS8	Standard	12.53	106.0	121.3	318.2	1816	36.7	7.4	609	2.48	24.5	2.5	130.2	5.9	62.6	2.33	5.24	5.78	41	0.70	0.079
STD DS8	Standard	12.52	107.5	122.6	317.3	1795	37.7	7.2	621	2.55	25.2	2.7	113.6	6.8	63.0	2.28	4.90	6.52	42	0.71	0.083
STD DS8	Standard	11.26	103.1	122.3	307.3	1721	36.2	7.1	564	2.34	23.2	2.6	112.6	6.3	56.9	2.16	4.36	6.24	40	0.65	0.076
STD DS8	Standard	13.21	104.2	124.9	317.0	1874	36.0	7.4	651	2.53	25.5	2.7	111.7	6.6	67.1	2.36	5.53	6.34	42	0.73	0.084
STD DS8	Standard	12.75	106.9	124.2	320.8	1818	36.2	7.3	631	2.54	25.1	2.7	115.6	6.6	63.7	2.34	5.50	6.03	42	0.73	0.081
STD DS8	Standard	10.45	94.90	113.1	285.5	1680	34.4	6.7	555	2.28	22.1	2.3	104.7	5.5	55.2	2.13	4.44	5.79	38	0.64	0.073
STD DS8	Standard	13.28	113.2	126.1	326.3	1753	38.5	7.9	618	2.53	24.4	2.9	112.3	7.5	64.1	2.34	5.42	6.39	42	0.70	0.082
STD DS8	Standard	12.37	107.6	129.0	305.8	1831	37.7	7.5	616	2.55	24.0	2.8	113.8	7.1	60.2	2.30	4.83	5.99	42	0.69	0.080
STD DS8	Standard	12.07	104.9	124.9	316.7	1805	38.7	7.7	615	2.48	25.7	2.7	114.7	6.4	57.5	2.22	5.23	6.58	41	0.68	0.083
STD DS8	Standard	13.66	109.7	120.2	310.7	1725	39.4	7.0	627	2.45	23.5	2.9	117.9	6.9	72.9	2.12	5.77	6.34	41	0.75	0.078
STD DS8 Expected		13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001



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Vancouver BC V6C 3L6 Canada

Project:

Scarlet

Report Date:

December 16, 2011

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Part 2

QUALITY CONTROL REPORT

WHI11001353.2

		1F15 La ppm 0.5	1F15 Cr ppm 0.5	1F15 Mg % 0.01	1F15 Ba ppm 0.5	1F15 Ti % 0.001	1F15 B ppm 1	1F15 Al % 0.01	1F15 Na % 0.001	1F15 K % 0.01	1F15 W ppm 0.1	1F15 Sc ppm 0.1	1F15 Ti ppm 0.02	1F15 S % 0.02	1F15 Hg ppb 5	1F15 Se ppm 0.1	1F15 Te ppm 0.02	1F15 Ga ppm 0.1	1F15 Cs ppm 0.02	1F15 Ge ppm 0.1	1F15 Hf ppm 0.02
1267966	Soil	9.8	31.8	0.49	198.2	0.007	<1	1.97	<0.001	0.10	<0.1	3.5	0.10	<0.02	25	0.2	<0.02	5.8	1.20	<0.1	0.03
REP 1267966	QC	9.8	32.8	0.55	199.4	0.007	1	2.03	0.001	0.10	<0.1	3.7	0.10	<0.02	27	0.2	0.02	6.1	1.27	<0.1	0.04
1267974	Soil	4.9	41.6	0.62	186.5	0.003	3	2.34	0.005	0.17	<0.1	3.2	0.18	<0.02	25	0.2	<0.02	9.0	3.05	<0.1	0.03
REP 1267974	QC	4.9	40.7	0.62	182.0	0.002	2	2.35	0.004	0.17	<0.1	3.2	0.18	<0.02	19	<0.1	<0.02	8.8	2.79	<0.1	0.04
617732	Soil	15.4	40.2	1.20	82.5	0.005	3	1.87	0.005	0.10	<0.1	5.8	0.10	0.04	28	0.4	<0.02	5.6	2.67	<0.1	0.17
REP 617732	QC	16.5	40.6	1.23	87.0	0.005	4	1.93	0.005	0.12	<0.1	6.1	0.10	0.04	28	0.3	0.03	5.7	2.87	<0.1	0.21
Reference Materials																					
STD DS8	Standard	15.1	123.5	0.61	273.1	0.100	3	0.96	0.100	0.43	2.8	2.2	5.64	0.16	201	5.2	5.07	4.8	2.46	<0.1	0.06
STD DS8	Standard	13.5	121.5	0.62	265.4	0.102	3	0.93	0.100	0.43	3.2	2.3	5.62	0.17	201	5.5	5.22	4.8	2.54	0.2	0.08
STD DS8	Standard	14.3	123.4	0.62	267.1	0.108	3	0.96	0.103	0.43	3.0	2.4	5.62	0.16	192	5.4	5.20	4.7	2.51	0.1	0.08
STD DS8	Standard	12.5	113.6	0.57	239.1	0.094	2	0.83	0.079	0.39	2.8	2.2	5.45	0.16	189	5.0	4.75	4.4	2.39	<0.1	0.08
STD DS8	Standard	15.9	121.3	0.62	280.1	0.111	4	0.94	0.093	0.42	2.9	2.3	5.53	0.17	222	5.6	5.20	4.9	2.52	0.1	0.10
STD DS8	Standard	15.4	123.8	0.62	276.9	0.108	2	0.93	0.085	0.43	3.0	2.1	5.45	0.17	200	5.2	4.96	4.9	2.43	<0.1	0.07
STD DS8	Standard	11.3	112.3	0.58	237.7	0.089	3	0.82	0.075	0.39	2.7	1.9	5.17	0.15	191	5.0	4.69	4.3	2.27	<0.1	0.06
STD DS8	Standard	16.0	124.8	0.62	272.9	0.111	2	0.90	0.086	0.41	3.2	2.2	5.62	0.16	211	5.3	5.00	4.8	2.53	<0.1	0.09
STD DS8	Standard	13.8	119.3	0.61	264.8	0.102	3	0.90	0.084	0.42	2.9	2.1	5.76	0.17	185	5.2	5.05	4.8	2.55	<0.1	0.08
STD DS8	Standard	12.5	118.3	0.60	259.6	0.100	3	0.87	0.078	0.41	3.0	2.1	5.65	0.17	230	5.1	5.04	4.7	2.51	0.1	0.08
STD DS8	Standard	17.6	124.2	0.62	274.2	0.126	2	1.03	0.122	0.45	3.2	2.6	5.34	0.15	173	5.1	5.01	4.7	2.43	<0.1	0.09
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7	2.48	0.13	0.08
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02



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Project: Scarlet

Report Date: December 16, 2011

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QUALITY CONTROL REPORT

WHI11001353.2

		1F15 Nb ppm 0.02	1F15 Rb ppm 0.1	1F15 Sn ppm 0.1	1F15 Ta ppm 0.05	1F15 Zr ppm 0.1	1F15 Y ppm 0.01	1F15 Ce ppm 0.1	1F15 In ppm 0.02	1F15 Re ppb 1	1F15 Be ppm 0.1	1F15 Li ppm 0.1	1F15 Pd ppb 10	1F15 Pt ppb 2
1267966	Soil	0.55	13.8	0.7	<0.05	1.2	6.03	22.0	0.03	<1	0.8	30.9	<10	<2
REP 1267966	QC	0.54	14.2	0.8	<0.05	1.2	6.16	21.7	0.03	<1	0.9	31.0	<10	<2
1267974	Soil	0.29	24.2	3.0	<0.05	1.5	3.91	13.7	0.05	<1	1.7	54.5	<10	<2
REP 1267974	QC	0.25	23.6	5.1	<0.05	1.5	3.82	13.4	0.04	<1	1.8	56.5	<10	<2
617732	Soil	0.23	9.6	0.6	<0.05	5.9	22.94	26.7	0.04	<1	1.2	50.2	<10	<2
REP 617732	QC	0.23	10.6	0.7	<0.05	6.2	22.43	28.9	0.04	<1	1.0	51.8	<10	<2
Reference Materials														
STD DS8	Standard	1.22	39.6	7.1	<0.05	1.6	5.75	28.4	2.14	57	4.6	30.4	106	352
STD DS8	Standard	1.24	39.5	6.8	<0.05	1.5	5.54	25.7	2.25	51	5.2	28.0	105	334
STD DS8	Standard	1.38	39.0	6.5	<0.05	1.9	5.85	26.4	2.24	52	5.3	29.0	117	348
STD DS8	Standard	1.21	36.7	6.2	<0.05	1.7	5.02	23.3	2.12	57	4.8	25.2	113	337
STD DS8	Standard	1.42	39.3	7.0	<0.05	2.0	6.28	30.1	2.22	56	4.7	31.5	119	357
STD DS8	Standard	1.25	37.9	6.6	<0.05	1.8	5.85	28.6	2.29	55	4.7	27.4	107	350
STD DS8	Standard	1.12	35.4	5.6	<0.05	1.5	4.80	21.5	2.00	51	4.8	25.3	104	319
STD DS8	Standard	1.28	39.9	6.7	<0.05	1.9	6.20	28.0	2.44	59	5.0	27.9	120	362
STD DS8	Standard	1.21	40.0	6.5	<0.05	1.9	5.50	25.5	2.30	56	5.0	28.4	119	354
STD DS8	Standard	1.15	38.7	6.5	<0.05	1.7	5.12	23.7	2.12	61	4.8	28.5	130	367
STD DS8	Standard	1.54	39.4	6.7	<0.05	2.1	6.70	31.6	2.08	54	5.2	26.2	119	330
STD DS8 Expected		1.65	39	6.7	0.003	2.3	6.1	29.8	2.19	55	5.2	26.34	110	339
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2



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Part 1

QUALITY CONTROL REPORT

WHI11001353.2

		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001	



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Part 2

QUALITY CONTROL REPORT

WHI11001353.2

		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1



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Part 3

QUALITY CONTROL REPORT

WHI11001353.2

		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10



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Submitted By: Roger Hulstein

Receiving Lab: Canada-Whitehorse

Received: August 29, 2011

Report Date: October 31, 2011

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CERTIFICATE OF ANALYSIS

WHI11001354.1

CLIENT JOB INFORMATION

Project: Scarlet
Shipment ID: 2011-24
P.O. Number
Number of Samples: 321

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

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: Radius Gold Inc.
830 - 355 Burrard St.
Vancouver BC V6C 2G8
Canada

CC: David Clark
database backup
Simon Ridgway
Scott Turton

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	320	Dry at 60C			WHI
1F05	317	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
RJSV	320	Saving all or part of Soil Reject			WHI
7TD	2	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS



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



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October 31, 2011

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Part 1

CERTIFICATE OF ANALYSIS

WHI11001354.1

	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
617733	Soil	0.23	33.33	17.44	98.0	36	44.6	12.2	243	3.15	2.0	1.7	3.0	2.9	43.6	0.14	0.16	0.42	18	1.52
617734	Soil	0.12	19.56	10.29	92.1	15	45.3	13.7	231	3.29	1.0	0.9	1.2	5.1	44.0	0.09	0.13	0.28	17	1.96
617735	Soil	0.19	50.84	21.73	98.5	34	42.7	16.9	312	2.96	11.8	3.4	1.2	4.8	41.4	0.16	0.25	0.39	22	1.38
617736	Soil	0.28	15.92	10.77	91.9	20	31.8	10.9	293	2.52	2.0	0.9	2.1	4.1	18.3	0.18	0.24	0.28	19	0.66
617737	Soil	0.32	41.80	33.64	111.7	45	33.1	12.2	543	2.81	2.8	1.2	6.8	3.6	25.1	0.21	0.22	0.35	23	0.84
617738	Soil	0.27	28.73	13.42	95.3	34	26.7	9.0	195	2.51	4.6	1.7	7.1	4.0	18.6	0.27	0.20	0.22	29	0.48
617042	Soil	0.31	35.92	13.38	92.6	35	27.0	10.2	347	2.25	1.6	2.2	1.4	2.9	55.5	0.26	0.15	0.18	28	2.05
617043	Soil	0.31	24.14	9.78	88.1	50	27.4	10.2	376	2.46	3.0	1.2	4.7	2.6	35.7	0.35	0.23	0.16	31	1.07
617044	Soil	0.26	31.01	12.49	78.8	40	25.4	10.4	334	2.34	1.7	1.0	2.6	5.4	107.9	0.24	0.10	0.14	27	4.96
617045	Soil	0.39	35.69	12.30	82.0	58	26.8	10.9	306	2.38	5.3	1.3	14.1	6.2	62.8	0.22	0.19	0.28	30	3.71
617046	Soil	0.44	36.55	15.45	98.9	63	28.7	11.1	290	2.60	5.6	1.3	7.1	5.1	34.4	0.29	0.23	0.21	33	1.83
617047	Soil	0.55	38.28	25.66	115.1	105	26.3	9.9	304	2.42	6.3	1.7	21.8	4.1	46.6	0.40	0.33	0.19	31	2.21
617048	Soil	1.07	30.96	58.64	181.0	179	23.5	9.2	441	2.49	9.1	2.5	5.6	2.2	76.0	0.56	0.77	0.19	24	3.05
617049	Soil	0.86	18.37	26.85	150.3	246	15.5	5.6	222	2.32	8.2	2.9	2.1	2.3	51.1	0.50	0.39	0.24	22	1.36
617050	Soil	1.43	8.75	1007	2478	150	10.1	4.4	1441	2.05	9.8	1.9	3.6	0.8	43.9	5.56	0.70	0.18	18	11.31
617739	Soil	2.64	26.07	166.3	554.1	58	27.4	12.6	1905	3.87	13.1	2.6	3.4	4.0	14.1	0.55	0.53	0.30	27	0.30
617740	Soil	0.74	17.07	25.41	107.0	47	19.9	8.8	366	2.89	6.1	1.1	0.4	3.4	13.7	0.12	0.31	0.27	37	0.28
617741	Soil	1.16	18.05	49.54	176.2	72	25.9	10.3	556	3.21	10.8	2.8	1.5	3.3	16.3	0.19	0.53	0.29	36	0.25
617742	Soil	0.99	23.00	50.13	227.9	80	21.4	11.7	812	2.97	7.8	11.5	2.0	1.7	41.7	0.47	0.41	0.29	27	0.93
617743	Soil	0.96	11.52	21.11	139.0	78	19.8	7.5	335	2.91	9.2	2.4	1.7	1.1	18.1	0.25	0.43	0.28	42	0.44
617744	Soil	1.01	24.53	96.38	172.3	146	23.7	10.4	243	3.40	17.6	0.9	<0.2	1.4	82.6	0.28	0.69	0.42	14	0.27
617745	Soil	0.72	25.86	49.15	171.5	72	29.2	13.7	392	3.01	12.8	1.0	0.6	5.3	52.8	0.46	0.69	0.30	13	0.69
617746	Soil	0.79	25.82	43.77	91.6	111	21.2	9.7	444	3.17	14.2	0.8	<0.2	4.6	28.3	0.26	0.46	0.41	16	0.55
617747	Soil	0.70	32.99	60.27	269.5	219	38.6	17.5	790	3.96	15.3	1.3	1.2	4.6	30.1	0.74	0.50	0.32	19	0.54
617748	Soil	0.79	25.34	52.12	201.0	141	24.9	10.2	501	3.13	11.6	1.0	0.5	3.1	41.3	0.50	0.40	0.29	13	1.52
617749	Soil	0.60	27.41	61.32	243.6	185	26.6	11.8	489	3.25	14.4	1.0	0.3	3.8	50.7	0.49	0.65	0.35	11	1.12
617750	Soil	0.56	24.74	51.41	193.7	145	24.8	11.7	345	3.01	12.3	0.8	0.5	3.6	43.1	0.36	0.48	0.33	11	1.06
1266501	Soil	1.16	28.62	60.33	463.3	160	29.4	12.6	647	3.78	8.5	1.2	1.0	3.1	19.6	0.61	0.49	0.30	27	1.07
1266502	Soil	0.89	17.21	27.16	127.4	185	21.6	10.7	485	3.48	10.1	1.8	1.5	1.4	28.8	0.27	0.53	0.28	48	0.43
1266503	Soil	0.99	14.40	29.32	129.7	120	19.6	15.6	1801	3.07	9.0	1.4	1.3	1.5	69.4	0.54	0.47	0.28	48	0.96



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Part 2

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
617733	Soil	12.3	41.2	1.27	104.7	0.003	5	2.04	<0.001	0.09	<0.1	3.6	0.07	0.06	21	0.2	0.02	5.7	0.75	<0.1
617734	Soil	13.3	40.2	1.41	72.5	0.003	4	2.01	<0.001	0.12	<0.1	4.0	0.07	0.03	12	0.1	<0.02	5.8	1.18	<0.1
617735	Soil	12.5	41.8	1.30	73.7	0.004	6	2.12	<0.001	0.12	<0.1	3.6	0.07	0.05	40	0.1	<0.02	6.6	0.83	<0.1
617736	Soil	31.9	35.0	1.51	240.9	0.008	4	1.65	0.003	0.10	<0.1	5.4	0.07	0.04	25	0.2	<0.02	5.0	1.26	0.1
617737	Soil	22.2	41.3	1.65	476.9	0.005	4	2.01	0.003	0.10	<0.1	5.0	0.09	0.05	15	0.2	0.02	6.3	1.40	<0.1
617738	Soil	29.0	43.7	2.04	104.2	0.007	4	1.95	<0.001	0.10	<0.1	4.2	0.08	0.04	16	0.5	<0.02	6.4	0.84	<0.1
617042	Soil	24.8	44.1	2.04	80.4	0.004	3	2.00	0.001	0.11	<0.1	3.2	0.08	0.05	34	0.4	<0.02	6.3	0.68	<0.1
617043	Soil	26.7	43.8	2.13	83.6	0.008	6	1.91	0.002	0.13	<0.1	3.1	0.09	0.05	26	0.5	<0.02	6.3	1.15	<0.1
617044	Soil	23.9	36.7	2.63	63.4	0.004	4	1.74	0.003	0.12	<0.1	4.1	0.07	0.02	21	0.7	0.02	5.3	0.72	<0.1
617045	Soil	26.7	38.8	2.68	51.5	0.007	5	1.78	0.003	0.18	<0.1	4.2	0.12	<0.02	29	0.5	<0.02	5.5	1.83	<0.1
617046	Soil	28.3	42.6	2.57	64.3	0.007	7	1.95	0.002	0.22	<0.1	4.2	0.17	0.03	32	0.5	0.03	6.2	1.45	<0.1
617047	Soil	25.4	36.8	2.27	56.3	0.006	7	1.73	0.003	0.21	<0.1	3.7	0.15	0.04	28	0.6	<0.02	5.4	0.83	<0.1
617048	Soil	21.8	25.3	1.68	68.2	0.004	5	1.25	0.003	0.14	<0.1	2.7	0.16	0.05	76	0.8	<0.02	3.8	0.71	<0.1
617049	Soil	15.5	14.9	0.30	75.3	0.003	5	0.87	0.002	0.09	<0.1	2.7	0.16	0.10	84	0.6	0.03	2.4	0.79	<0.1
617050	Soil	6.5	10.5	6.00	45.1	0.004	6	0.60	0.008	0.07	<0.1	1.2	1.08	<0.02	145	0.4	0.03	1.6	1.08	<0.1
617739	Soil	16.5	27.8	0.46	148.1	0.003	4	1.95	<0.001	0.15	<0.1	3.4	0.49	0.04	58	0.4	0.03	4.6	1.22	<0.1
617740	Soil	15.0	33.7	0.95	131.9	0.007	3	1.75	<0.001	0.13	<0.1	2.0	0.17	<0.02	23	0.3	0.04	6.3	1.29	<0.1
617741	Soil	17.5	29.9	0.60	166.5	0.006	3	1.70	0.001	0.11	<0.1	3.1	0.20	0.02	43	0.3	<0.02	4.9	0.96	<0.1
617742	Soil	8.8	24.2	0.50	212.9	0.003	4	1.53	0.001	0.11	<0.1	2.4	0.22	0.07	46	0.7	<0.02	4.4	0.86	<0.1
617743	Soil	15.3	28.6	0.59	165.5	0.010	2	1.75	0.002	0.08	<0.1	1.8	0.16	0.06	22	0.4	0.02	5.3	1.61	<0.1
617744	Soil	6.8	12.5	0.13	87.7	0.002	4	0.62	0.008	0.21	<0.1	0.8	0.23	0.28	76	0.6	0.04	2.4	3.86	<0.1
617745	Soil	7.7	14.9	0.34	74.7	0.003	4	0.76	0.004	0.14	<0.1	2.6	0.13	0.11	49	0.4	0.02	2.1	3.58	<0.1
617746	Soil	8.0	15.4	0.33	116.8	0.004	4	0.86	0.019	0.14	<0.1	3.0	0.13	0.18	74	0.4	0.07	2.7	1.42	<0.1
617747	Soil	12.8	17.8	0.34	113.1	0.002	3	1.08	0.003	0.12	<0.1	3.9	0.16	0.06	164	0.5	<0.02	3.0	2.21	<0.1
617748	Soil	10.0	14.7	0.47	89.2	0.002	5	0.73	0.004	0.13	<0.1	3.4	0.12	0.10	100	0.5	0.03	2.1	2.33	<0.1
617749	Soil	7.7	12.3	0.25	81.7	0.002	7	0.77	0.006	0.14	<0.1	3.4	0.15	0.12	178	0.6	0.02	2.1	2.48	<0.1
617750	Soil	7.0	10.9	0.31	70.6	0.001	5	0.71	0.004	0.13	<0.1	2.8	0.11	0.10	101	0.5	0.04	2.1	1.72	<0.1
1266501	Soil	8.9	18.3	0.65	98.3	0.004	3	1.13	0.004	0.08	<0.1	3.5	0.35	0.04	68	0.4	0.04	3.1	1.79	<0.1
1266502	Soil	14.5	28.7	0.41	206.1	0.009	2	1.99	0.003	0.06	<0.1	2.7	0.20	0.05	72	0.4	0.04	5.3	1.59	<0.1
1266503	Soil	10.0	26.3	0.40	208.8	0.010	2	1.66	0.005	0.06	<0.1	2.2	0.22	0.05	49	0.5	0.03	5.6	1.71	<0.1



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CERTIFICATE OF ANALYSIS

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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
617733	Soil	0.22	6.6	0.6	<0.05	4.0	15.37	23.5	0.04	<1	1.2	49.7	<10	<2
617734	Soil	0.15	7.6	0.5	<0.05	4.4	14.09	26.9	0.03	<1	1.2	45.4	<10	<2
617735	Soil	0.30	6.5	0.4	<0.05	7.0	11.41	28.9	0.04	<1	1.3	53.2	<10	<2
617736	Soil	0.29	7.2	0.5	<0.05	4.0	22.80	57.6	0.04	<1	1.3	37.5	<10	<2
617737	Soil	0.23	9.1	0.3	<0.05	4.7	20.20	45.9	0.03	<1	1.4	43.9	<10	<2
617738	Soil	0.32	9.7	0.4	<0.05	5.0	16.23	52.8	0.03	<1	1.3	47.3	<10	<2
617042	Soil	0.21	8.6	0.8	<0.05	3.4	12.65	47.2	0.03	<1	1.0	39.6	<10	<2
617043	Soil	0.25	10.8	0.5	<0.05	3.2	12.94	54.8	0.03	<1	1.1	44.2	<10	<2
617044	Soil	0.10	8.2	0.6	<0.05	5.4	11.16	47.4	0.03	2	1.0	36.2	<10	<2
617045	Soil	0.12	13.2	1.0	<0.05	4.7	11.93	52.3	0.03	<1	1.0	39.5	<10	<2
617046	Soil	0.20	14.1	1.0	<0.05	4.5	13.19	55.4	0.03	<1	1.2	47.0	<10	<2
617047	Soil	0.21	11.7	1.1	<0.05	4.2	12.50	49.4	0.04	<1	1.0	39.8	<10	<2
617048	Soil	0.17	8.4	1.6	<0.05	3.2	12.93	43.1	0.04	<1	0.9	24.3	<10	<2
617049	Soil	0.23	9.3	0.7	<0.05	3.8	10.76	26.0	0.03	1	1.0	8.1	<10	<2
617050	Soil	0.14	6.2	2.0	<0.05	0.9	6.70	12.8	0.04	<1	0.5	4.1	<10	<2
617739	Soil	0.31	14.3	0.5	<0.05	1.6	12.77	56.6	0.04	<1	1.5	28.9	<10	<2
617740	Soil	0.44	16.7	0.7	<0.05	1.1	3.62	37.0	0.04	<1	0.7	34.0	<10	<2
617741	Soil	0.46	11.2	0.7	<0.05	1.6	10.61	44.1	0.04	1	1.0	22.5	<10	<2
617742	Soil	0.40	11.0	0.9	<0.05	1.8	7.52	22.8	0.03	<1	1.0	20.4	<10	<2
617743	Soil	0.56	12.6	0.6	<0.05	0.5	8.89	37.2	0.04	<1	0.9	24.0	<10	<2
617744	Soil	0.04	10.7	2.1	<0.05	0.2	7.33	21.1	0.04	<1	0.7	6.3	<10	<2
617745	Soil	0.12	7.6	2.5	<0.05	2.0	10.38	23.8	0.04	<1	1.0	13.7	<10	<2
617746	Soil	0.18	7.8	0.4	<0.05	2.8	10.58	20.8	0.03	<1	0.8	11.7	<10	<2
617747	Soil	0.12	8.4	0.5	<0.05	3.7	18.80	29.8	0.04	2	1.1	16.0	<10	<2
617748	Soil	0.13	7.9	1.6	<0.05	3.6	15.76	24.3	0.03	<1	0.9	10.6	<10	<2
617749	Soil	0.13	8.4	0.4	<0.05	4.7	13.35	18.2	0.04	<1	0.9	10.9	<10	<2
617750	Soil	0.10	7.2	0.6	<0.05	4.1	12.24	17.7	0.03	<1	0.8	9.6	<10	<2
1266501	Soil	0.30	10.7	0.9	<0.05	1.8	12.33	21.2	0.03	<1	1.1	22.5	<10	<2
1266502	Soil	0.58	10.2	0.5	<0.05	0.7	11.64	35.9	0.03	<1	1.0	18.8	<10	<2
1266503	Soil	0.59	15.3	1.1	<0.05	0.7	5.22	24.5	0.04	<1	0.5	22.6	<10	<2



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1266504	Soil	0.85	32.68	29.60	93.3	161	31.0	13.4	780	3.21	10.2	4.2	1.9	1.9	87.3	0.24	0.70	0.34	41	1.03
1266505	Soil	0.49	24.78	31.96	317.8	110	17.1	10.3	199	3.57	5.6	1.7	0.6	6.3	59.8	0.64	0.40	0.41	13	0.56
1266506	Soil	0.69	14.32	17.44	59.7	67	19.9	10.3	372	2.98	8.1	1.1	0.8	4.3	50.5	0.16	0.34	0.26	51	0.59
1266507	Soil	0.67	24.84	17.70	61.1	144	18.7	10.5	343	2.55	7.7	2.6	8.0	3.8	68.7	0.22	0.38	0.22	20	1.19
1266508	Soil	0.43	33.65	12.52	61.2	88	25.1	9.8	259	2.50	5.2	3.3	7.0	3.0	70.1	0.20	0.25	0.20	41	1.69
1266509	Soil	0.39	42.53	18.48	75.6	44	27.5	11.0	275	2.73	6.4	3.4	2.1	5.8	93.2	0.15	0.28	0.21	46	1.03
1266510	Soil	0.52	23.57	17.48	96.3	32	25.4	10.3	372	2.82	6.0	2.6	5.9	5.8	33.8	0.38	0.44	0.29	43	0.76
1266511	Soil	0.36	7.01	17.38	149.4	28	32.4	12.7	421	4.16	1.5	0.3	3.8	3.0	7.4	0.19	0.20	0.32	31	0.08
1266512	Soil	1.19	15.02	22.62	108.9	134	20.6	15.7	572	5.52	16.0	0.5	1.6	3.1	6.9	0.17	0.81	0.40	54	0.04
1266553	Soil	1.59	40.71	14.89	47.5	95	11.0	4.9	415	2.29	12.2	1.3	5.5	0.3	8.9	0.08	0.71	0.38	49	0.05
1266554	Soil	1.50	16.26	20.12	66.7	23	18.9	14.5	1762	4.23	14.7	0.8	1.6	1.6	6.0	0.11	0.69	0.41	50	0.03
1266555	Soil	1.41	17.14	23.66	62.4	41	14.3	10.4	1235	3.69	13.4	0.8	1.1	1.9	5.2	0.13	0.62	0.60	50	0.03
1266556	Soil	1.35	13.55	25.12	58.4	25	15.3	8.4	386	4.10	18.5	0.9	1.4	0.9	6.2	0.10	0.77	0.57	53	0.04
1266557	Soil	1.36	16.62	22.16	89.3	25	18.2	12.0	941	3.72	11.5	0.8	1.7	2.1	8.5	0.18	0.70	0.40	55	0.06
1266558	Soil	1.41	16.89	31.65	56.7	63	11.6	12.0	1786	3.07	10.1	0.8	1.3	0.6	9.5	0.10	0.73	0.45	59	0.06
1266559	Soil	1.69	15.65	19.03	67.1	31	13.5	13.8	1398	4.04	12.3	0.7	1.0	2.9	7.5	0.10	0.78	0.43	57	0.04
1266560	Soil	1.04	40.47	83.74	84.3	63	16.2	20.5	1782	4.21	26.7	0.7	0.7	3.2	8.9	0.16	0.47	0.58	35	0.03
1266561	Soil	1.43	13.06	42.05	123.7	43	14.0	19.1	2667	4.96	10.1	0.7	0.8	3.8	5.6	0.21	0.69	0.44	52	0.03
1266562	Soil	0.69	33.06	38.86	80.8	45	23.5	21.9	2309	3.96	9.5	1.2	1.9	2.6	6.4	0.14	0.54	0.45	33	0.03
1266563	Soil	1.16	35.54	38.00	118.1	50	30.5	15.5	1585	3.57	14.8	1.1	2.1	4.6	10.6	0.29	0.84	0.37	41	0.10
1266564	Soil	0.72	17.71	16.31	51.2	56	8.9	16.3	1566	3.33	4.1	0.7	1.1	2.4	5.5	0.08	0.33	0.39	36	0.02
1266565	Soil	0.98	52.19	30.38	78.3	110	15.3	7.2	385	2.76	9.4	1.4	1.0	1.6	9.7	0.11	0.45	0.37	40	0.10
1266566	Soil	1.08	18.36	30.93	92.7	83	20.4	9.4	528	3.37	10.8	0.9	0.6	4.1	9.6	0.14	0.66	0.33	49	0.08
1266567	Soil	1.07	12.09	32.95	91.8	26	15.3	11.6	792	4.69	9.4	0.7	1.8	3.3	4.6	0.12	0.65	0.41	47	0.02
1266568	Soil	0.74	17.18	48.20	111.3	85	14.1	12.6	2084	3.74	15.6	0.6	0.4	2.6	5.9	0.29	0.37	0.40	33	0.04
1266569	Soil	0.95	23.95	134.0	528.4	128	19.6	9.0	1111	3.55	11.6	1.3	0.7	1.9	20.9	1.33	0.57	0.28	37	1.70
1266570	Soil	0.94	21.72	114.5	398.3	133	22.9	11.1	1295	3.37	10.6	1.1	3.1	2.9	32.6	0.94	0.63	0.25	33	3.27
1266571	Soil	0.90	14.46	87.02	134.7	53	14.9	7.2	519	3.04	19.5	0.8	<0.2	3.0	20.4	0.20	0.43	0.36	16	0.43
1266572	Soil	0.36	3.47	54.85	194.1	26	4.2	2.9	975	1.42	4.5	0.5	<0.2	1.0	51.1	0.55	0.17	0.09	11	16.27
1266573	Soil	0.75	9.31	48.39	863.0	114	14.2	6.6	2262	3.79	8.8	1.5	1.0	1.7	31.2	1.45	0.49	0.17	36	7.36



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Project: Scarlet
Report Date: October 31, 2011

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1266504	Soil	12.8	29.1	0.46	171.2	0.010	2	1.66	0.005	0.07	<0.1	3.5	0.18	0.07	122	1.0	0.03	4.9	2.31	<0.1
1266505	Soil	9.2	8.1	0.04	43.7	<0.001	4	0.42	0.002	0.06	<0.1	4.3	0.34	0.03	61	0.5	0.05	1.1	1.35	<0.1
1266506	Soil	12.9	31.3	0.74	137.0	0.011	2	1.85	0.003	0.07	<0.1	2.4	0.14	<0.02	18	0.2	0.03	6.5	1.24	<0.1
1266507	Soil	23.7	16.4	0.35	111.2	0.003	6	0.77	0.004	0.13	<0.1	4.5	0.58	0.04	123	0.8	<0.02	2.2	1.67	<0.1
1266508	Soil	25.0	40.7	1.84	112.3	0.005	8	2.16	0.003	0.13	<0.1	4.0	0.16	0.06	62	0.5	<0.02	6.7	1.23	<0.1
1266509	Soil	26.8	50.9	2.30	327.5	0.008	7	2.51	0.003	0.13	<0.1	5.2	0.17	0.03	36	1.3	<0.02	7.9	1.22	<0.1
1266510	Soil	23.9	50.6	1.90	132.4	0.004	5	2.41	0.003	0.12	<0.1	5.9	0.15	<0.02	34	0.3	0.03	6.8	1.15	<0.1
1266511	Soil	3.7	40.2	0.77	149.6	<0.001	2	2.88	0.001	0.10	<0.1	2.1	0.11	<0.02	16	<0.1	0.05	7.4	2.02	<0.1
1266512	Soil	7.6	36.9	0.55	83.7	0.004	2	2.25	0.002	0.08	0.1	2.1	0.13	0.02	38	0.4	0.07	7.4	4.27	<0.1
1266553	Soil	10.6	24.9	0.24	93.5	0.006	2	1.18	0.004	0.07	0.1	0.4	0.15	0.07	28	0.3	0.06	5.6	2.19	<0.1
1266554	Soil	7.0	33.8	0.40	55.2	0.015	2	1.62	0.002	0.07	0.2	2.0	0.09	0.02	18	0.3	0.05	6.2	3.35	<0.1
1266555	Soil	7.9	28.7	0.26	85.7	0.010	2	1.49	0.002	0.08	0.2	2.1	0.12	0.03	32	0.2	0.02	6.9	2.49	<0.1
1266556	Soil	7.4	32.1	0.25	85.5	0.012	2	1.34	0.004	0.08	0.2	1.4	0.17	0.03	27	0.3	0.06	7.3	2.62	<0.1
1266557	Soil	10.3	34.2	0.41	128.0	0.012	2	2.05	0.002	0.08	0.2	2.3	0.16	0.02	36	0.3	0.04	6.1	1.90	<0.1
1266558	Soil	10.2	25.1	0.20	271.6	0.016	2	1.26	0.003	0.07	0.1	1.6	0.17	0.06	23	0.2	0.05	7.4	3.43	<0.1
1266559	Soil	9.5	34.9	0.30	86.5	0.015	2	1.62	0.003	0.09	0.2	2.2	0.14	0.03	35	0.4	0.05	7.4	2.59	<0.1
1266560	Soil	5.9	29.5	0.29	68.6	0.004	1	1.68	0.006	0.12	0.2	2.7	0.13	0.04	58	0.3	0.05	7.6	4.21	<0.1
1266561	Soil	7.3	33.9	0.19	104.5	0.013	1	1.91	0.003	0.11	0.1	2.7	0.15	0.03	46	0.5	0.07	8.5	2.57	<0.1
1266562	Soil	4.3	31.0	0.34	102.0	0.006	2	1.57	0.006	0.14	0.2	3.0	0.13	0.03	24	0.2	0.06	5.5	3.39	<0.1
1266563	Soil	12.2	29.8	0.48	136.9	0.018	3	1.63	0.004	0.10	0.2	3.0	0.13	<0.02	29	0.4	0.03	4.5	2.83	<0.1
1266564	Soil	4.5	24.6	0.11	73.6	0.004	<1	1.26	0.005	0.13	<0.1	2.1	0.11	0.03	31	0.2	0.03	7.5	3.08	<0.1
1266565	Soil	8.4	25.8	0.27	168.5	0.004	1	1.56	0.004	0.10	0.2	2.6	0.19	0.03	20	0.2	0.05	5.4	4.26	<0.1
1266566	Soil	12.8	28.3	0.36	150.6	0.007	2	1.83	0.003	0.08	0.2	2.6	0.17	<0.02	20	0.2	0.05	5.6	2.05	<0.1
1266567	Soil	6.4	28.2	0.23	82.9	0.007	2	1.45	0.003	0.11	0.2	2.0	0.13	<0.02	28	0.3	0.05	6.5	2.94	<0.1
1266568	Soil	5.5	29.1	0.20	76.4	0.002	<1	1.44	0.003	0.09	<0.1	2.1	0.11	0.03	41	0.3	0.02	7.2	2.04	<0.1
1266569	Soil	12.7	23.5	1.01	216.2	0.007	3	1.37	0.006	0.08	0.1	2.8	0.24	0.04	74	0.3	0.03	3.9	1.29	<0.1
1266570	Soil	10.9	21.5	1.86	168.8	0.007	4	1.27	0.007	0.10	0.1	3.1	0.26	0.04	50	0.3	<0.02	3.4	1.12	<0.1
1266571	Soil	6.1	11.5	0.31	133.6	0.003	3	0.76	0.004	0.16	<0.1	3.8	0.22	0.13	20	<0.1	0.04	2.1	1.58	<0.1
1266572	Soil	6.5	7.1	8.49	39.1	0.003	5	0.32	0.015	0.06	<0.1	1.3	0.19	<0.02	12	0.4	<0.02	0.8	0.56	<0.1
1266573	Soil	11.2	19.1	4.05	123.1	0.009	3	1.14	0.009	0.05	0.1	2.1	0.44	<0.02	50	0.4	0.03	2.8	0.78	<0.1



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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1266504	Soil	0.75	11.2	1.3	<0.05	1.4	14.80	33.1	0.04	<1	1.0	28.4	<10	<2
1266505	Soil	0.07	5.9	0.6	<0.05	1.2	15.98	43.1	0.08	<1	1.0	3.1	<10	<2
1266506	Soil	0.75	12.2	1.0	<0.05	2.1	3.35	28.6	0.05	<1	0.5	35.3	<10	<2
1266507	Soil	0.25	10.2	0.5	<0.05	6.3	12.81	46.6	0.04	<1	0.9	17.0	<10	<2
1266508	Soil	0.35	11.3	1.1	<0.05	5.1	13.55	47.1	0.04	<1	1.2	50.8	<10	<2
1266509	Soil	0.46	12.8	0.9	<0.05	6.2	15.04	55.1	0.04	1	1.3	87.2	<10	<2
1266510	Soil	0.46	9.7	1.9	<0.05	5.1	12.93	55.3	0.06	<1	1.3	65.4	<10	<2
1266511	Soil	0.26	17.3	1.0	<0.05	2.0	2.12	8.0	0.04	<1	1.0	73.2	<10	<2
1266512	Soil	1.13	15.9	2.0	<0.05	1.6	2.20	16.0	0.04	<1	0.7	50.9	<10	<2
1266553	Soil	0.32	11.5	1.1	<0.05	0.3	3.68	24.3	0.03	<1	0.8	8.1	<10	<2
1266554	Soil	0.57	11.4	3.4	<0.05	0.2	2.62	16.4	0.04	1	0.4	20.5	<10	<2
1266555	Soil	0.76	13.6	2.9	<0.05	0.5	3.07	18.4	0.03	<1	0.5	13.7	<10	<2
1266556	Soil	0.63	13.1	2.5	<0.05	0.2	3.21	16.0	0.02	<1	0.4	9.6	<10	<2
1266557	Soil	0.76	14.0	1.1	<0.05	0.4	3.46	23.7	0.03	<1	0.8	26.5	<10	<2
1266558	Soil	0.63	15.4	1.6	<0.05	0.1	3.88	23.3	0.03	<1	0.9	9.2	<10	<2
1266559	Soil	1.05	15.6	1.4	<0.05	0.3	2.80	20.0	0.04	<1	0.3	21.7	<10	<2
1266560	Soil	0.51	15.2	1.3	<0.05	1.0	4.04	15.3	0.04	<1	0.9	24.3	<10	<2
1266561	Soil	0.98	17.4	1.4	<0.05	0.7	3.44	17.5	0.05	<1	0.8	16.9	<10	<2
1266562	Soil	0.62	16.6	2.4	<0.05	0.8	5.86	13.0	0.05	<1	1.3	21.0	<10	<2
1266563	Soil	0.50	12.0	0.8	<0.05	0.5	6.15	30.4	0.04	<1	1.2	25.1	<10	<2
1266564	Soil	0.60	20.2	1.7	<0.05	0.6	3.94	10.0	0.03	<1	0.5	7.5	<10	<2
1266565	Soil	0.59	20.1	1.1	<0.05	0.5	6.98	19.2	0.03	<1	0.8	18.2	<10	<2
1266566	Soil	0.74	15.1	1.6	<0.05	0.9	5.21	30.5	0.03	1	0.6	22.2	<10	<2
1266567	Soil	0.86	16.7	1.7	<0.05	0.5	2.98	14.2	0.04	<1	0.5	14.8	<10	<2
1266568	Soil	0.45	14.0	1.6	<0.05	0.8	3.32	12.8	0.04	<1	0.7	25.1	<10	<2
1266569	Soil	0.52	11.2	0.6	<0.05	1.2	11.21	24.6	0.02	<1	0.9	18.9	<10	<2
1266570	Soil	0.45	8.5	0.9	<0.05	1.9	9.49	22.9	0.02	<1	0.6	18.0	<10	<2
1266571	Soil	0.15	9.9	0.8	<0.05	0.9	7.44	14.5	0.03	<1	0.7	9.7	<10	<2
1266572	Soil	0.10	3.5	0.4	<0.05	0.3	5.71	13.3	<0.02	<1	0.4	4.0	<10	<2
1266573	Soil	0.33	6.9	0.6	<0.05	0.7	9.43	21.5	0.02	<1	0.5	11.2	<10	<2



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1266574	Soil	1.61	13.89	117.0	2234	182	18.7	7.7	2153	5.82	11.1	1.6	1.1	2.0	26.8	3.28	0.61	0.19	34	4.81
1266575	Soil	1.00	11.58	64.33	960.0	132	15.1	6.8	1821	4.10	8.9	2.2	1.0	1.2	28.7	3.65	0.51	0.17	32	5.94
1266576	Soil	1.47	8.78	95.32	3881	58	14.8	7.2	5564	7.55	10.5	2.9	0.7	1.2	21.4	13.55	0.54	0.18	48	5.35
1266577	Soil	1.74	2.69	740.0	2238	62	2.2	1.0	2822	19.29	5.9	2.8	0.5	0.3	29.3	11.97	0.12	<0.02	6	10.68
1266578	Soil	1.49	22.98	129.2	2208	257	22.1	8.8	5058	9.95	13.9	4.6	1.4	2.8	20.1	4.95	0.45	0.26	31	1.87
1266579	Soil	0.53	32.33	22.74	105.0	126	21.6	10.3	430	2.52	10.2	5.1	6.6	1.8	77.0	0.41	0.44	0.23	32	2.17
1266580	Soil	0.33	40.17	14.50	96.0	99	19.7	7.0	294	2.00	5.0	8.2	6.4	1.2	79.8	0.28	0.33	0.20	29	2.51
1266581	Soil	0.48	28.58	20.73	94.2	107	26.8	10.9	442	3.25	7.9	1.6	7.6	4.1	33.9	0.24	0.45	0.24	36	0.67
1266582	Soil	0.72	46.53	27.10	122.9	59	29.9	11.7	381	2.92	9.7	1.6	19.0	4.4	60.7	0.40	0.34	0.24	24	2.06
1266583	Soil	0.33	39.53	13.58	103.0	89	25.0	9.5	324	2.42	3.3	2.6	4.3	3.0	49.6	0.21	0.33	0.23	29	1.18
1266584	Soil	0.90	21.63	47.68	151.5	245	17.7	8.2	771	2.46	24.9	1.6	1.1	0.5	134.8	0.62	4.27	0.22	30	7.25
1266585	Soil	0.99	13.77	42.81	135.0	674	10.2	5.2	2348	2.74	38.4	1.9	0.8	0.2	361.9	0.63	11.91	0.14	21	15.41
1266586	Soil	1.32	12.06	44.58	161.7	459	10.0	5.6	2958	3.03	20.7	1.0	3.7	0.3	52.2	1.69	7.36	0.12	21	11.47
1266587	Soil	1.29	18.70	46.48	139.3	240	18.8	10.0	569	2.58	11.7	1.0	1.6	0.7	215.8	0.84	0.76	0.26	39	5.30
1266588	Soil	1.17	17.68	68.02	324.5	338	18.1	11.4	2350	3.64	28.1	0.9	0.8	0.8	23.8	1.27	3.82	0.21	45	4.69
1266589	Soil	1.06	32.83	64.44	134.2	192	25.5	14.5	616	3.52	21.4	0.7	2.3	1.6	75.0	0.50	2.14	0.33	26	5.60
1266590	Soil	0.96	30.51	43.54	146.7	132	25.4	14.3	498	3.27	17.9	0.9	1.2	0.8	36.3	0.48	1.61	0.30	33	1.38
1266591	Soil	0.22	6.55	17.87	68.1	48	4.6	3.2	146	0.73	5.2	0.4	0.4	0.3	218.3	0.17	0.42	0.06	7	26.06
1266592	Soil	0.74	38.06	46.96	204.6	226	30.1	14.0	308	3.14	16.1	0.8	0.9	1.6	53.8	0.33	2.12	0.28	28	1.77
1266593	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.
1266594	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.
1266595	Soil	1.03	20.79	32.46	228.4	78	20.4	8.8	336	3.31	8.4	0.8	0.6	2.4	10.7	0.35	0.52	0.33	34	0.16
1266596	Soil	1.48	17.27	145.3	273.2	505	17.4	8.7	1871	3.65	37.4	1.3	<0.2	0.5	63.5	0.93	10.05	0.23	37	6.23
1266597	Soil	0.38	7.68	34.39	136.4	135	5.6	3.7	2350	2.34	11.8	0.7	<0.2	0.2	60.8	0.61	3.20	0.08	12	13.17
1266598	Soil	2.64	17.65	29.43	1050	270	36.2	7.9	>10000	23.99	338.4	6.3	0.8	0.9	69.9	1.39	16.34	0.17	18	1.95
1266599	Soil	1.10	24.29	78.81	336.2	602	25.7	11.9	1796	3.81	32.7	2.0	1.6	1.4	37.8	1.14	3.60	0.27	39	2.65
1266600	Soil	4.03	20.25	73.25	845.8	1518	21.1	11.8	3662	4.64	45.6	1.9	1.0	1.0	24.4	2.79	5.11	0.20	43	4.30
1266601	Soil	2.32	23.22	17.94	95.2	74	28.6	14.9	488	3.97	10.5	1.6	0.3	3.9	22.5	0.17	0.33	0.21	35	0.31
1266602	Soil	1.71	15.05	17.80	121.1	123	25.5	11.3	400	3.75	5.9	1.0	1.8	3.0	8.9	0.25	0.50	0.25	52	0.11
1266603	Soil	2.64	15.84	17.23	129.2	67	34.9	13.3	506	3.87	6.3	1.0	<0.2	2.9	36.9	0.38	0.48	0.24	66	0.79



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Project: Scarlet
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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1266574	Soil	10.8	21.0	2.60	153.5	0.008	3	1.16	0.010	0.05	0.1	2.5	1.29	0.05	109	0.6	0.03	3.1	0.68	<0.1
1266575	Soil	9.5	18.4	3.01	135.6	0.009	3	1.10	0.009	0.05	<0.1	1.8	1.12	0.06	58	0.6	0.03	2.8	0.68	<0.1
1266576	Soil	15.3	23.6	2.87	160.5	0.009	2	1.64	0.007	0.04	<0.1	2.4	1.19	0.06	104	0.5	0.04	3.7	0.97	<0.1
1266577	Soil	2.9	1.9	5.54	45.5	0.001	2	0.10	0.009	<0.01	<0.1	0.4	24.76	0.04	139	0.5	<0.02	0.3	0.11	<0.1
1266578	Soil	13.1	20.9	0.70	151.2	0.004	4	1.24	0.006	0.06	<0.1	3.1	1.41	0.07	142	0.6	0.05	3.0	0.73	<0.1
1266579	Soil	23.9	29.3	1.29	124.1	0.005	6	1.55	0.006	0.12	<0.1	3.4	0.31	0.07	80	0.6	0.03	4.5	1.38	<0.1
1266580	Soil	20.0	31.4	1.46	110.6	0.004	6	1.55	0.007	0.10	<0.1	2.6	0.15	0.11	74	0.6	<0.02	4.7	1.14	<0.1
1266581	Soil	24.4	37.2	1.39	109.2	0.005	4	1.97	0.004	0.11	<0.1	5.7	0.13	0.03	42	0.3	0.05	5.4	0.98	<0.1
1266582	Soil	24.4	33.9	1.58	90.1	0.003	5	1.35	0.005	0.10	<0.1	6.9	0.13	0.05	53	0.8	0.03	4.0	2.02	<0.1
1266583	Soil	21.4	35.6	1.34	164.2	0.005	5	1.73	0.005	0.10	<0.1	5.1	0.09	0.05	48	0.7	<0.02	4.8	1.11	<0.1
1266584	Soil	13.2	17.8	1.31	160.2	0.007	5	0.99	0.010	0.07	0.2	1.2	0.60	0.10	144	0.7	0.08	2.3	0.99	<0.1
1266585	Soil	7.6	11.0	2.45	127.9	0.002	7	0.73	0.010	0.06	<0.1	0.6	0.35	0.08	268	0.5	0.03	1.5	0.73	<0.1
1266586	Soil	6.1	10.1	5.06	119.4	0.004	5	0.63	0.010	0.04	<0.1	0.7	0.22	0.07	141	0.6	0.03	1.5	0.46	<0.1
1266587	Soil	17.1	22.3	0.41	223.2	0.007	3	1.33	0.006	0.06	0.1	1.7	0.15	0.10	104	0.8	0.05	3.5	1.23	<0.1
1266588	Soil	11.1	20.0	2.32	145.7	0.007	4	1.33	0.007	0.06	<0.1	1.5	0.30	0.10	101	0.7	0.03	3.1	0.76	<0.1
1266589	Soil	12.7	15.8	0.85	78.9	0.006	6	0.99	0.005	0.08	0.1	3.3	0.22	0.06	84	0.7	0.09	2.2	1.66	<0.1
1266590	Soil	10.3	22.8	0.35	113.2	0.008	2	1.22	0.004	0.06	0.1	2.7	0.20	0.07	118	0.6	0.09	3.2	2.81	<0.1
1266591	Soil	2.2	4.2	0.30	27.2	0.003	<1	0.24	0.003	0.02	<0.1	0.6	0.06	<0.02	41	0.2	0.07	0.6	0.44	<0.1
1266592	Soil	11.1	22.2	0.33	122.3	0.007	2	1.15	0.004	0.10	0.1	4.4	0.41	0.05	389	0.8	0.08	3.2	2.89	<0.1
1266593	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.
1266594	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.
1266595	Soil	10.9	26.9	0.43	138.9	0.004	1	1.44	0.001	0.10	<0.1	2.8	0.12	0.03	46	0.3	0.04	4.6	1.20	<0.1
1266596	Soil	13.8	19.8	1.69	138.4	0.007	1	1.28	0.005	0.03	0.1	1.4	0.17	0.11	229	0.8	0.04	2.8	0.64	<0.1
1266597	Soil	4.4	6.0	6.14	96.7	0.004	2	0.35	0.007	0.02	<0.1	0.6	0.13	<0.02	157	0.7	0.05	0.7	0.32	<0.1
1266598	Soil	9.0	18.3	0.60	811.9	0.010	2	0.86	<0.001	<0.01	0.3	2.6	0.88	0.11	202	1.7	0.09	3.6	0.69	0.2
1266599	Soil	14.4	24.8	1.06	147.4	0.009	2	1.41	0.008	0.06	0.1	3.1	0.30	0.09	385	1.0	0.08	3.8	0.81	<0.1
1266600	Soil	12.0	20.2	2.05	142.8	0.007	2	1.17	0.007	0.04	<0.1	2.5	0.32	0.13	714	0.9	0.03	2.7	0.44	<0.1
1266601	Soil	21.4	24.3	0.33	255.7	0.002	7	1.64	0.001	0.25	<0.1	4.7	0.22	0.04	29	0.5	<0.02	4.7	1.25	<0.1
1266602	Soil	14.5	29.3	0.28	140.6	0.003	5	1.97	<0.001	0.18	<0.1	3.3	0.26	0.06	35	0.4	0.05	5.8	1.79	<0.1
1266603	Soil	16.7	31.9	0.30	263.2	0.002	5	2.06	<0.001	0.22	<0.1	4.1	0.35	0.04	32	0.6	<0.02	6.1	1.74	<0.1



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Zn
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01
1266574	Soil	0.46	5.7	0.9	<0.05	1.1	9.43	21.2	<0.02	<1	0.6	11.1	15	<2	
1266575	Soil	0.45	6.4	0.7	<0.05	1.1	8.60	18.9	<0.02	<1	0.5	10.0	<10	<2	
1266576	Soil	0.42	6.4	0.8	<0.05	0.8	13.16	23.6	0.02	<1	0.8	9.4	22	<2	
1266577	Soil	0.03	0.7	0.3	<0.05	0.3	3.42	4.7	<0.02	<1	0.3	0.6	<10	<2	
1266578	Soil	0.29	7.8	0.5	<0.05	2.2	15.87	24.2	0.02	<1	0.9	8.9	<10	<2	
1266579	Soil	0.35	9.3	1.7	<0.05	3.3	14.58	48.5	0.04	<1	1.0	47.5	<10	<2	
1266580	Soil	0.30	9.7	1.1	<0.05	3.9	13.77	34.6	0.04	<1	0.8	48.9	<10	<2	
1266581	Soil	0.34	10.6	0.5	<0.05	3.0	17.13	51.3	0.04	<1	1.1	50.8	<10	<2	
1266582	Soil	0.28	7.6	2.6	<0.05	6.1	20.47	54.1	0.04	<1	0.9	46.5	<10	<2	
1266583	Soil	0.39	9.7	0.5	<0.05	4.3	16.30	41.8	0.03	<1	1.0	49.5	<10	<2	
1266584	Soil	0.38	6.6	0.9	<0.05	0.8	23.86	31.1	0.02	<1	0.7	8.8	<10	<2	
1266585	Soil	0.11	6.6	1.9	<0.05	0.7	23.16	20.1	0.07	<1	0.7	4.6	<10	<2	
1266586	Soil	0.13	4.1	0.6	<0.05	0.7	16.46	15.4	0.05	<1	0.4	4.2	<10	<2	
1266587	Soil	0.72	6.8	2.3	<0.05	1.3	24.69	42.3	0.03	<1	0.8	9.2	<10	<2	
1266588	Soil	0.31	5.7	0.8	<0.05	1.6	18.54	25.5	0.03	<1	0.8	8.7	<10	<2	
1266589	Soil	0.23	5.0	1.4	<0.05	2.9	17.88	24.8	0.05	<1	0.9	9.3	<10	<2	
1266590	Soil	0.52	8.6	0.6	<0.05	1.1	10.40	20.8	0.04	<1	0.9	12.2	<10	<2	
1266591	Soil	0.08	1.7	0.2	<0.05	0.7	3.10	4.1	<0.02	<1	0.2	2.4	<10	<2	
1266592	Soil	0.39	9.0	1.0	<0.05	2.1	12.59	21.6	0.03	<1	0.6	14.5	<10	<2	
1266593	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.	
1266594	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.	
1266595	Soil	0.39	9.0	3.0	<0.05	1.6	6.13	23.5	0.02	<1	0.6	20.0	<10	<2	
1266596	Soil	0.42	4.5	1.2	<0.05	0.7	25.15	28.2	0.03	<1	0.9	7.6	<10	<2	
1266597	Soil	0.10	2.8	1.4	<0.05	0.3	11.80	12.2	<0.02	<1	0.2	2.6	<10	<2	
1266598	Soil	0.22	3.6	0.6	<0.05	1.1	26.03	22.5	1.86	1	0.7	5.6	<10	<2	
1266599	Soil	0.60	7.1	2.5	<0.05	2.5	23.90	30.0	0.07	<1	1.0	9.9	<10	<2	
1266600	Soil	0.27	4.6	1.8	<0.05	2.1	26.42	27.5	0.06	<1	0.7	6.4	<10	<2	
1266601	Soil	0.44	18.7	2.1	<0.05	7.9	14.34	60.1	0.05	<1	1.2	12.9	<10	<2	
1266602	Soil	0.61	20.9	1.1	<0.05	8.2	8.88	37.0	0.04	<1	1.5	14.8	<10	<2	
1266603	Soil	0.49	22.2	2.5	<0.05	9.8	10.49	47.0	0.05	<1	2.0	17.9	16	<2	



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	Method	Analyte	Unit	MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15		
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
					ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
					0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
1266604	Soil																							
1266605	Soil																							
1266606	Soil																							
1266607	Soil																							
1266608	Soil																							
1266609	Soil																							
1266610	Soil																							
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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1266604	Soil	20.4	30.5	0.37	214.5	0.002	4	1.67	0.001	0.19	<0.1	4.6	0.29	0.03	31	0.5	<0.02	4.3	1.08	<0.1
1266605	Soil	21.1	34.4	0.36	267.4	0.002	5	2.27	<0.001	0.21	<0.1	4.2	0.26	0.03	30	0.3	<0.02	6.1	1.73	<0.1
1266606	Soil	18.7	33.9	0.45	182.9	0.005	4	2.29	0.002	0.16	<0.1	3.4	0.25	0.03	15	0.4	<0.02	6.4	1.63	<0.1
1266607	Soil	7.4	14.6	4.84	66.0	0.005	2	0.86	0.006	0.06	<0.1	1.5	0.36	0.04	67	0.5	<0.02	2.1	0.98	<0.1
1266608	Soil	11.9	23.7	1.30	118.0	0.006	3	1.35	0.006	0.07	0.1	2.1	0.39	0.09	141	0.7	0.03	3.7	0.87	<0.1
1266609	Soil	9.8	20.5	1.51	93.5	0.007	3	1.11	0.008	0.05	<0.1	1.3	0.34	0.12	301	0.8	<0.02	3.0	0.56	<0.1
1266610	Soil	7.2	6.1	9.02	36.7	0.005	1	0.26	0.009	0.02	<0.1	0.9	1.65	<0.02	77	0.3	0.06	0.7	0.48	<0.1
1266611	Soil	6.9	4.7	9.36	20.8	0.004	1	0.18	0.012	0.02	<0.1	0.9	1.49	<0.02	73	0.3	0.04	0.5	0.41	<0.1
1266612	Soil	10.5	14.6	0.29	60.9	0.002	4	0.74	0.003	0.12	<0.1	3.4	0.33	0.05	129	0.6	0.04	2.4	1.93	<0.1
1266613	Soil	11.1	19.0	0.44	91.0	0.002	3	1.16	0.003	0.12	<0.1	3.0	0.11	0.07	56	0.6	0.03	3.5	0.68	<0.1
1266614	Soil	18.4	28.3	1.07	89.2	0.003	7	1.25	0.004	0.15	<0.1	3.9	0.22	0.08	82	0.8	0.03	4.0	1.51	<0.1
1266615	Soil	27.0	40.3	1.75	82.9	0.004	5	1.73	0.002	0.14	<0.1	3.1	0.11	0.07	50	0.8	<0.02	5.7	0.44	<0.1
1266616	Soil	27.0	44.7	2.01	67.9	0.006	6	1.83	0.003	0.14	<0.1	4.2	0.13	0.09	55	0.9	0.04	5.8	1.69	<0.1
1266617	Soil	24.4	47.5	2.18	71.8	0.008	5	1.97	0.003	0.12	<0.1	4.2	0.13	0.07	37	0.8	0.03	6.3	1.28	<0.1
1266618	Soil	28.7	48.4	3.13	71.3	0.006	4	2.02	0.003	0.12	<0.1	4.5	0.08	<0.02	26	1.1	0.02	6.3	2.13	<0.1
1266619	Soil	10.1	20.4	0.87	625.3	0.006	8	0.82	0.008	0.07	<0.1	2.1	0.08	0.18	98	1.3	<0.02	2.5	1.34	<0.1
1266620	Soil	28.5	34.2	1.94	192.7	0.005	3	1.47	0.003	0.11	<0.1	3.7	0.04	<0.02	16	0.4	<0.02	4.5	1.81	<0.1
1266621	Soil	16.6	34.6	1.41	92.4	0.004	2	1.47	0.002	0.09	<0.1	3.8	0.04	<0.02	20	0.5	<0.02	4.6	0.73	<0.1
1266622	Soil	13.3	42.2	1.38	71.6	0.003	5	1.76	0.007	0.11	<0.1	4.3	0.06	0.04	35	0.1	<0.02	5.0	0.76	<0.1
1266623	Soil	21.0	15.9	0.31	77.6	0.002	5	0.96	0.004	0.12	<0.1	2.1	0.10	0.07	46	0.1	<0.02	2.8	0.76	<0.1
1266624	Soil	37.5	21.1	0.35	111.1	0.003	6	0.85	0.006	0.09	<0.1	1.5	0.09	0.10	47	0.2	0.02	2.3	0.79	<0.1
1266625	Soil	15.8	11.7	0.33	101.5	<0.001	4	0.57	0.003	0.06	<0.1	1.5	0.07	0.05	28	0.2	<0.02	1.6	0.52	<0.1
1266626	Soil	14.3	14.9	0.21	225.9	0.003	5	0.76	0.005	0.05	<0.1	0.9	0.08	0.18	89	0.8	<0.02	2.1	0.98	<0.1
1266627	Soil	4.8	21.4	0.19	91.1	0.003	1	0.91	0.006	0.15	<0.1	1.6	0.11	0.04	19	<0.1	0.03	5.8	2.32	<0.1
1266628	Soil	3.9	6.5	7.02	41.0	0.001	3	0.28	0.009	0.09	<0.1	1.3	0.54	0.07	1159	0.3	<0.02	0.9	1.53	<0.1
1266629	Soil	5.4	8.0	6.13	38.9	0.002	5	0.34	0.010	0.05	<0.1	0.9	1.45	0.06	6236	0.5	<0.02	1.0	0.46	<0.1
1266630	Soil	2.0	3.7	6.58	18.1	0.001	3	0.16	0.006	0.04	<0.1	0.8	2.83	0.03	16828	0.4	<0.02	0.5	0.86	<0.1
1266631	Soil	17.4	14.0	0.26	40.2	0.001	7	0.69	0.007	0.12	<0.1	1.0	0.28	0.11	262	0.9	<0.02	1.7	1.90	<0.1
1266632	Soil	15.4	18.6	0.73	47.7	0.002	7	0.80	0.006	0.17	<0.1	2.8	0.50	0.08	258	0.6	<0.02	2.3	2.88	<0.1
1266633	Soil	16.1	28.0	1.51	74.1	0.004	3	1.03	0.008	0.12	<0.1	4.3	0.23	0.04	518	1.1	<0.02	3.2	1.86	<0.1



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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1266604	Soil	0.53	16.7	0.9	<0.05	8.8	13.59	67.8	0.06	<1	1.6	15.6	<10	<2
1266605	Soil	0.52	20.5	1.8	<0.05	7.4	11.20	59.1	0.05	<1	2.1	18.4	10	<2
1266606	Soil	0.68	17.0	1.0	<0.05	6.0	9.57	54.2	0.03	<1	1.6	17.8	11	<2
1266607	Soil	0.23	5.3	0.6	<0.05	0.7	7.43	15.7	<0.02	<1	0.8	6.0	<10	<2
1266608	Soil	0.51	6.6	0.8	<0.05	2.2	12.24	20.0	0.03	<1	0.6	10.2	<10	<2
1266609	Soil	0.46	5.2	2.4	<0.05	1.2	9.35	17.3	<0.02	<1	0.7	8.3	<10	<2
1266610	Soil	0.10	2.0	1.1	<0.05	0.8	7.12	12.0	<0.02	1	0.3	2.4	<10	<2
1266611	Soil	0.08	1.6	2.9	<0.05	0.8	6.42	11.1	<0.02	<1	0.3	1.7	<10	<2
1266612	Soil	0.17	8.6	2.1	<0.05	3.5	20.20	20.5	0.03	<1	1.0	7.6	<10	<2
1266613	Soil	0.32	9.0	2.0	<0.05	3.8	10.11	21.3	0.03	<1	1.1	14.3	<10	<2
1266614	Soil	0.29	10.5	1.2	<0.05	5.9	13.62	34.0	0.03	<1	1.2	20.2	19	<2
1266615	Soil	0.28	9.4	1.1	<0.05	3.9	14.26	51.4	0.03	<1	1.2	33.6	<10	<2
1266616	Soil	0.36	14.2	2.0	<0.05	5.3	17.00	54.4	0.04	<1	1.0	43.2	12	<2
1266617	Soil	0.41	11.1	2.9	<0.05	6.9	14.78	52.6	0.04	<1	1.3	45.3	<10	<2
1266618	Soil	0.14	10.4	2.5	<0.05	5.9	14.05	56.5	<0.02	<1	1.0	46.9	12	<2
1266619	Soil	0.31	6.2	6.8	<0.05	4.3	13.39	18.3	<0.02	<1	1.0	11.6	10	<2
1266620	Soil	0.04	6.7	2.0	<0.05	10.1	10.93	53.7	<0.02	<1	1.2	32.8	<10	<2
1266621	Soil	0.08	5.5	3.2	<0.05	7.2	12.07	31.0	<0.02	<1	0.9	32.9	<10	<2
1266622	Soil	0.17	6.7	2.0	<0.05	5.6	12.62	27.7	0.05	<1	1.2	43.7	<10	<2
1266623	Soil	0.17	9.6	2.1	<0.05	1.3	13.88	45.8	0.02	<1	0.6	14.2	<10	<2
1266624	Soil	0.22	9.3	2.7	<0.05	1.9	19.99	89.4	0.03	<1	0.7	20.1	<10	<2
1266625	Soil	0.12	5.9	2.3	<0.05	1.2	8.50	61.8	0.03	2	0.3	16.0	<10	<2
1266626	Soil	0.27	6.2	1.8	<0.05	0.9	13.53	22.8	0.02	<1	0.9	7.7	<10	<2
1266627	Soil	0.34	16.6	6.2	<0.05	0.2	3.86	10.3	0.03	<1	0.5	7.6	<10	<2
1266628	Soil	0.08	5.3	2.8	<0.05	0.6	4.52	7.8	<0.02	<1	0.5	3.4	<10	<2
1266629	Soil	0.11	3.9	1.8	<0.05	0.7	6.27	9.3	<0.02	<1	0.4	2.2	<10	<2
1266630	Soil	0.04	2.7	0.5	<0.05	0.5	3.23	4.0	<0.02	<1	0.2	1.0	<10	<2
1266631	Soil	0.22	10.1	8.6	<0.05	2.5	10.41	32.2	<0.02	<1	0.8	13.0	<10	<2
1266632	Soil	0.20	10.9	3.5	<0.05	3.7	10.64	30.0	0.03	<1	0.8	12.3	<10	<2
1266633	Soil	0.31	9.7	3.7	<0.05	2.6	8.80	34.6	0.03	1	0.9	20.2	<10	<2



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1266634	Soil	0.82	28.54	19.87	108.6	159	25.3	9.4	291	2.42	10.5	2.5	3.0	2.0	55.2	0.31	0.71	0.23	29	1.32
1266635	Soil	0.57	52.89	25.60	106.4	79	25.6	11.7	494	2.62	5.0	1.5	4.4	3.2	45.4	0.29	0.34	0.26	29	1.31
1266636	Soil	0.52	27.72	16.31	98.8	52	27.1	9.7	230	2.54	2.1	1.8	3.9	4.1	30.5	0.23	0.22	0.20	22	0.88
1266637	Soil	0.65	40.64	21.85	94.4	75	29.2	12.1	322	2.60	7.0	1.5	4.3	4.6	37.0	0.20	0.36	0.22	30	1.26
1266638	Soil	0.94	26.69	13.52	93.6	49	23.9	9.2	400	1.79	4.0	2.7	2.7	2.3	67.0	0.38	0.42	0.17	18	2.39
1266639	Soil	0.44	31.76	24.47	111.3	46	24.0	8.5	174	2.01	5.5	1.2	2.5	2.9	39.8	0.43	0.24	0.22	19	1.47
1266640	Soil	0.56	25.78	30.16	119.3	66	30.9	10.9	479	2.46	6.0	2.9	1.8	2.5	76.0	0.36	0.34	0.29	15	2.59
1267401	Soil	1.51	30.73	46.91	141.5	121	29.8	13.3	488	3.09	14.8	1.1	1.3	3.8	39.8	0.44	0.44	0.32	13	1.84
1267402	Soil	1.66	32.24	34.50	102.6	149	27.4	10.2	281	3.26	11.8	1.3	0.9	3.8	40.4	0.23	0.42	0.36	21	1.10
1267403	Soil	6.01	125.6	52.43	322.1	267	248.1	215.6	6600	9.76	18.7	4.2	<0.2	10.4	33.6	2.19	1.30	0.35	32	0.33
1267404	Soil	1.73	33.67	28.13	97.9	164	22.1	9.1	252	2.64	7.7	1.4	0.5	3.7	41.0	0.33	0.40	0.32	18	1.13
1267405	Soil	2.45	37.37	23.82	130.6	356	34.9	14.0	398	3.39	10.7	1.7	0.7	5.3	39.2	0.73	0.68	0.28	27	1.06
1267406	Soil	1.16	24.73	21.94	68.7	131	19.2	7.4	341	2.11	6.4	1.3	0.7	1.7	36.5	0.32	0.33	0.26	20	1.57
1267407	Soil	1.56	24.49	27.31	70.1	109	19.0	8.3	376	2.47	8.4	1.2	0.7	2.1	30.2	0.21	0.30	0.29	22	1.38
1266651	Soil	1.19	47.37	26.53	82.0	59	27.4	15.2	986	3.24	12.6	1.2	1.9	4.2	10.1	0.10	0.54	0.30	38	0.10
1266652	Soil	1.20	31.26	26.22	92.9	31	24.3	11.4	778	3.45	10.9	0.9	0.9	2.7	9.4	0.16	0.65	0.32	46	0.07
1266653	Soil	1.01	18.16	30.52	80.9	35	21.2	12.9	918	3.36	11.7	1.0	1.5	1.5	9.6	0.14	0.65	0.33	42	0.04
1266654	Soil	1.03	15.16	40.86	67.4	19	26.5	18.1	1908	3.55	11.4	1.9	1.2	2.8	9.5	0.14	0.64	0.34	42	0.04
1266655	Soil	0.52	99.84	34.28	85.7	8	31.2	24.7	2358	4.14	10.3	1.1	0.5	6.7	18.5	0.10	0.51	0.38	27	0.03
1266656	Soil	1.48	13.88	28.12	74.1	12	15.6	14.3	1438	3.14	8.6	0.7	0.3	2.6	8.2	0.14	0.79	0.34	55	0.04
1266657	Soil	3.49	13.88	127.3	26.1	38	5.9	4.3	70	2.34	14.2	0.2	1.4	3.8	25.5	0.01	0.71	0.60	6	0.09
1266658	Soil	1.24	25.83	29.24	108.2	33	18.5	12.5	1074	3.37	9.3	0.9	0.3	0.8	8.9	0.24	0.62	0.32	47	0.06
1266659	Soil	1.23	16.30	26.53	107.4	47	16.7	24.4	1897	4.34	6.4	0.7	0.5	4.2	5.8	0.32	0.53	0.42	35	0.05
1266660	Soil	1.42	4.18	3976	602.9	33	5.3	3.5	1833	2.11	5.6	0.9	<0.2	0.5	50.3	1.69	0.17	0.07	13	9.37
1266661	Soil	0.28	8.05	55.48	26.7	15	7.5	4.9	155	3.11	7.3	0.3	5.0	2.3	5.8	0.14	0.35	0.51	9	0.13
1266662	Soil	0.49	5.08	564.5	3895	71	4.5	3.2	4607	8.17	3.7	1.1	1.9	0.5	41.5	13.54	0.18	0.13	11	9.82
1266663	Soil	0.69	2.98	1603	>10000	185	1.8	1.5	2652	7.28	3.0	1.3	1.0	0.6	42.9	46.81	0.05	0.06	3	9.22
1266664	Soil	0.64	10.52	410.4	>10000	123	10.5	4.6	4170	9.12	6.0	2.2	1.7	1.0	44.5	22.17	0.31	0.11	16	7.87
1266665	Soil	1.95	11.74	2234	3085	85	14.1	6.9	2285	10.12	10.2	3.2	2.0	0.9	14.6	4.77	0.55	0.25	44	1.96
1266666	Soil	2.37	13.80	179.6	1513	95	18.5	9.5	8461	9.90	13.5	3.2	0.9	1.6	10.8	3.59	0.62	0.27	47	0.82



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1266634	Soil	18.5	32.6	0.88	82.2	0.005	6	1.28	0.007	0.16	<0.1	3.6	0.42	0.08	262	1.1	<0.02	4.1	3.00	<0.1
1266635	Soil	25.1	41.2	1.71	125.2	0.007	6	1.77	0.007	0.17	<0.1	5.2	0.16	0.07	106	1.1	<0.02	5.3	6.76	<0.1
1266636	Soil	28.0	39.4	1.28	85.7	0.003	4	1.36	0.005	0.14	<0.1	7.0	0.14	0.06	73	1.5	<0.02	4.0	3.31	<0.1
1266637	Soil	26.7	46.5	2.27	192.3	0.004	5	1.87	0.006	0.15	<0.1	5.4	0.19	0.04	92	1.1	0.02	5.6	4.53	<0.1
1266638	Soil	16.8	30.9	1.21	333.2	0.003	7	1.03	0.007	0.11	<0.1	3.4	0.16	0.11	98	1.0	<0.02	3.0	2.46	<0.1
1266639	Soil	21.7	35.0	1.52	159.5	0.002	5	1.56	0.005	0.10	<0.1	3.5	0.10	0.09	48	0.5	<0.02	4.3	2.28	<0.1
1266640	Soil	16.3	31.0	0.81	186.8	0.005	6	1.26	0.008	0.12	<0.1	4.7	0.11	0.09	94	0.5	0.02	3.6	4.99	<0.1
1267401	Soil	9.1	13.6	0.59	80.7	0.001	6	0.82	0.010	0.17	<0.1	3.6	0.17	0.12	113	0.5	0.03	2.1	1.73	<0.1
1267402	Soil	8.9	18.6	0.45	157.3	0.001	4	1.31	0.009	0.18	<0.1	3.6	0.19	0.14	80	0.6	0.04	3.5	1.44	<0.1
1267403	Soil	11.3	23.5	0.78	483.1	0.002	4	1.83	0.009	0.15	<0.1	8.3	0.87	0.14	132	1.7	0.05	4.9	6.32	<0.1
1267404	Soil	5.7	17.7	0.37	104.8	0.002	4	1.07	0.007	0.14	0.1	2.9	0.15	0.12	134	0.9	<0.02	3.2	1.37	<0.1
1267405	Soil	8.7	19.2	0.45	153.0	0.003	5	1.28	0.009	0.14	<0.1	4.6	0.35	0.09	143	0.7	0.04	3.5	4.74	<0.1
1267406	Soil	7.3	16.4	0.35	135.5	0.002	5	1.02	0.008	0.12	<0.1	2.1	0.16	0.12	91	0.7	0.02	2.9	1.14	<0.1
1267407	Soil	6.0	17.3	0.38	110.4	0.001	4	1.14	0.005	0.13	<0.1	2.1	0.12	0.10	71	0.5	0.03	3.3	0.73	<0.1
1266651	Soil	12.0	28.2	0.44	131.7	0.007	<1	1.51	0.006	0.10	0.1	3.0	0.11	0.02	46	0.3	0.03	4.7	2.96	<0.1
1266652	Soil	11.4	29.7	0.41	105.2	0.009	2	1.78	0.006	0.12	0.2	2.7	0.16	0.02	34	0.3	0.03	5.4	3.06	<0.1
1266653	Soil	7.0	29.1	0.26	126.2	0.007	2	1.42	0.006	0.15	0.1	2.4	0.13	0.04	36	0.3	0.04	5.1	4.14	<0.1
1266654	Soil	5.5	29.2	0.32	152.7	0.007	1	1.43	0.006	0.16	0.2	3.5	0.12	0.03	26	0.3	0.05	4.8	4.34	<0.1
1266655	Soil	2.0	34.4	0.26	88.4	0.006	2	1.08	0.006	0.19	0.1	4.6	0.14	<0.02	26	<0.1	0.05	3.6	3.88	<0.1
1266656	Soil	10.3	24.6	0.18	84.7	0.015	<1	1.26	0.004	0.10	0.1	1.9	0.14	<0.02	31	0.4	0.07	5.6	1.65	<0.1
1266657	Soil	6.1	5.5	0.04	81.1	<0.001	<1	0.39	0.005	0.09	<0.1	2.0	0.22	0.05	50	<0.1	0.05	1.8	1.36	<0.1
1266658	Soil	10.6	29.4	0.33	91.7	0.009	<1	1.56	0.004	0.10	0.1	1.6	0.15	0.04	42	0.4	0.04	5.4	1.72	<0.1
1266659	Soil	6.9	25.1	0.14	105.6	0.007	2	1.38	0.004	0.14	<0.1	3.8	0.15	0.02	55	0.3	0.10	5.0	3.00	<0.1
1266660	Soil	5.7	8.3	6.76	43.3	0.003	1	0.67	0.010	0.03	<0.1	0.9	0.13	0.08	74	0.3	<0.02	1.2	0.37	<0.1
1266661	Soil	2.3	6.1	0.10	101.4	<0.001	3	0.48	0.002	0.16	<0.1	2.6	0.17	<0.02	31	<0.1	0.04	1.5	2.04	<0.1
1266662	Soil	5.3	6.5	7.55	112.1	0.004	3	0.40	0.011	0.02	<0.1	1.0	1.33	0.09	361	0.6	<0.02	1.4	0.40	<0.1
1266663	Soil	3.6	2.3	6.71	23.1	0.001	4	0.09	0.010	0.02	<0.1	0.7	3.87	0.38	373	0.8	<0.02	1.2	0.15	1.1
1266664	Soil	9.1	10.8	5.24	197.4	0.006	4	0.69	0.010	0.03	<0.1	1.5	3.01	0.09	152	0.9	<0.02	1.9	0.37	<0.1
1266665	Soil	11.7	23.9	1.07	213.5	0.012	2	1.68	0.003	0.04	0.1	1.8	1.34	0.11	497	0.6	0.04	4.3	1.03	<0.1
1266666	Soil	17.8	27.2	0.39	231.4	0.013	2	1.87	0.001	0.04	0.1	2.7	1.16	0.11	91	0.6	0.09	5.2	0.94	0.1



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Project: Scarlet
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CERTIFICATE OF ANALYSIS

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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1266634	Soil	0.44	13.7	1.4	<0.05	3.2	13.14	34.0	0.03	<1	1.0	25.4	<10	<2
1266635	Soil	0.39	15.5	5.3	<0.05	3.6	17.21	48.6	0.03	<1	1.1	37.4	<10	<2
1266636	Soil	0.22	12.2	1.5	<0.05	3.0	15.50	51.4	0.04	<1	1.0	25.9	<10	<2
1266637	Soil	0.28	13.6	4.7	<0.05	4.8	16.53	50.8	0.04	<1	1.1	43.2	<10	<2
1266638	Soil	0.28	8.9	2.0	<0.05	5.0	12.37	32.5	0.02	<1	0.9	20.4	<10	<2
1266639	Soil	0.26	9.2	3.1	<0.05	5.1	12.02	40.1	0.03	<1	0.7	31.1	<10	<2
1266640	Soil	0.31	11.5	8.2	<0.05	4.1	12.11	32.5	0.04	1	1.0	23.4	<10	<2
1267401	Soil	0.11	7.8	2.5	<0.05	3.1	11.96	22.5	0.04	<1	0.9	9.7	<10	<2
1267402	Soil	0.22	11.0	1.0	<0.05	3.6	16.44	20.2	0.03	<1	1.1	17.0	<10	<2
1267403	Soil	0.05	10.3	2.4	<0.05	5.7	44.57	50.8	0.09	4	3.1	46.1	<10	<2
1267404	Soil	0.20	8.3	1.0	<0.05	4.9	10.03	16.5	0.03	4	1.0	20.5	<10	<2
1267405	Soil	0.25	9.8	1.1	<0.05	4.2	22.81	24.6	0.04	3	1.2	22.6	<10	<2
1267406	Soil	0.22	8.2	1.6	<0.05	2.5	13.50	19.3	0.03	1	0.8	15.9	<10	<2
1267407	Soil	0.22	8.0	2.9	<0.05	2.5	7.95	16.4	0.03	<1	0.9	18.5	<10	<2
1266651	Soil	0.52	12.0	1.7	<0.05	0.6	6.81	24.4	0.04	<1	1.3	25.8	<10	<2
1266652	Soil	0.65	15.3	1.4	<0.05	0.4	5.60	23.4	0.03	<1	1.4	28.1	<10	<2
1266653	Soil	0.43	17.9	2.0	<0.05	0.2	4.79	14.8	0.03	<1	1.2	16.1	<10	<2
1266654	Soil	0.40	18.7	3.3	<0.05	0.3	6.24	12.7	0.04	<1	1.9	15.5	<10	<2
1266655	Soil	0.23	16.2	3.5	<0.05	0.3	4.77	6.6	0.05	<1	1.2	14.1	<10	<2
1266656	Soil	0.72	15.9	1.6	<0.05	0.3	2.67	21.4	0.02	<1	0.6	14.1	<10	<2
1266657	Soil	<0.02	7.2	1.5	<0.05	0.9	3.33	12.5	0.05	<1	0.3	3.2	<10	<2
1266658	Soil	0.43	14.5	2.6	<0.05	0.2	4.75	23.3	0.04	<1	0.8	17.8	<10	<2
1266659	Soil	0.63	22.6	2.8	<0.05	0.7	3.97	15.3	0.04	<1	1.0	16.3	<10	<2
1266660	Soil	0.11	4.1	1.6	<0.05	0.3	5.54	10.6	<0.02	<1	0.3	3.4	<10	<2
1266661	Soil	0.06	9.6	1.2	<0.05	0.9	3.30	4.2	0.08	<1	0.4	1.8	<10	<2
1266662	Soil	0.09	3.4	1.1	<0.05	0.6	5.55	9.4	<0.02	<1	0.7	2.3	<10	<2
1266663	Soil	0.02	1.0	0.4	<0.05	0.4	3.69	6.0	<0.02	<1	0.2	0.7	<10	<2
1266664	Soil	0.14	3.1	2.7	<0.05	0.6	8.49	15.6	<0.02	<1	0.6	4.3	<10	<2
1266665	Soil	0.46	8.4	1.0	<0.05	0.7	10.93	19.3	0.03	<1	0.9	9.1	<10	<2
1266666	Soil	0.47	9.4	1.0	<0.05	1.6	17.39	30.6	0.03	<1	1.6	8.6	<10	<2



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Part 1

CERTIFICATE OF ANALYSIS

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	Method Analyte	Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
			ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
			0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
1266667	Soil		5.31	14.83	370.8	2718	164	19.6	8.9	7451	13.14	15.7	5.2	2.0	1.4	17.4	7.41	0.41	0.19	39
1266668	Soil		1.27	13.33	62.80	554.0	52	13.4	7.4	932	2.65	8.8	0.9	1.5	1.2	16.8	1.56	0.24	0.27	26
1266669	Soil		1.73	15.49	155.6	1287	51	18.5	8.4	608	3.61	11.2	0.8	1.1	2.1	12.6	2.09	0.40	0.32	23
1266670	Soil		1.41	15.64	716.0	2292	129	14.4	6.9	2518	19.12	12.1	3.0	1.6	3.4	7.4	5.05	0.34	0.21	23
1266671	Soil		1.29	10.98	51.61	239.4	53	16.7	8.7	1172	3.11	7.4	1.0	0.9	1.7	12.2	0.45	0.40	0.28	52
1266672	Soil		1.11	14.81	31.31	252.7	69	16.9	9.5	857	3.12	7.7	1.3	<0.2	1.8	11.8	1.71	0.40	0.28	55
1266673	Soil		0.68	18.55	40.31	149.6	21	19.1	10.5	354	3.26	7.9	0.8	0.6	3.6	21.4	0.63	0.36	0.32	28
1266674	Soil		0.61	22.08	31.14	84.0	67	20.3	10.7	454	4.08	5.9	0.5	0.3	3.9	7.4	0.20	0.36	0.36	29
1266675	Soil		0.70	21.78	30.11	81.4	78	25.3	9.9	375	3.78	10.2	1.6	0.7	3.1	22.8	0.36	0.40	0.34	28
1266676	Soil		0.60	23.98	18.68	113.7	173	19.6	8.8	407	2.25	9.7	7.6	5.0	1.4	75.9	0.64	0.37	0.21	27
1266677	Soil		0.98	19.76	18.33	90.2	56	19.9	10.3	480	2.83	8.5	3.0	1.2	1.9	25.8	0.36	0.45	0.29	57
1266678	Soil		0.50	19.32	16.56	138.6	121	27.0	9.4	305	3.04	5.8	5.8	0.7	3.2	24.0	0.38	0.26	0.28	57
1266679	Soil		0.31	23.52	13.75	91.0	32	27.2	10.2	234	2.74	2.4	1.1	1.7	5.0	17.2	0.17	0.17	0.19	58
1266680	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.
1266681	Soil		0.44	21.87	13.57	87.0	64	23.2	8.9	311	2.44	9.0	4.4	1.9	2.9	51.9	0.66	0.33	0.19	39
1266682	Soil		0.70	14.39	30.46	5713	141	21.1	6.7	2111	31.43	5.4	3.7	1.3	2.2	87.4	0.39	0.23	0.11	9
1267151	Soil		1.27	33.17	67.20	261.3	196	27.7	26.4	1497	4.59	16.0	0.8	5.2	0.7	15.1	0.51	2.17	0.44	43
1267152	Soil		0.82	56.75	39.08	133.6	75	35.2	34.6	777	5.15	9.8	0.7	1.9	2.8	11.5	0.23	0.98	0.35	38
1267153	Soil		0.78	40.86	29.54	97.7	94	29.5	16.1	561	5.24	5.0	0.8	1.4	2.1	47.7	0.36	0.44	0.30	37
1267154	Soil		0.77	21.38	72.11	127.3	109	15.4	8.0	407	1.98	7.0	1.5	1.2	0.3	111.9	0.82	0.78	0.20	23
1267155	Soil		1.78	30.20	1710	652.2	709	20.7	8.8	539	2.93	21.1	1.0	1.9	1.4	48.8	2.17	6.30	0.23	31
1267156	Soil		1.01	24.77	46.75	207.2	98	21.7	9.9	419	3.00	12.4	1.2	0.8	0.8	26.1	0.60	1.21	0.29	39
1267157	Soil		1.50	27.84	336.2	1038	332	22.7	11.8	991	3.15	73.4	1.1	1.3	0.6	47.1	2.55	5.79	0.28	33
1267158	Soil		0.81	35.04	58.95	219.1	190	26.9	13.2	446	3.15	24.7	0.7	0.8	1.5	108.5	0.55	1.51	0.26	31
1267159	Soil		1.06	26.18	78.71	344.7	400	22.1	11.3	1667	3.59	34.3	1.8	1.9	0.5	55.3	1.23	3.67	0.26	40
1267160	Soil		1.07	21.22	60.40	233.4	401	20.7	10.6	>10000	13.54	46.4	1.3	1.5	1.5	36.6	1.33	3.22	0.22	36
1267161	Soil		1.26	20.09	98.61	349.6	607	19.2	11.3	1312	3.74	37.4	1.6	1.2	1.4	35.0	2.67	8.01	0.27	42
1267201	Soil		1.06	12.09	331.8	2478	163	13.3	6.1	1596	2.35	9.0	1.6	1.0	0.7	34.1	3.12	0.52	0.15	26
1267202	Soil		1.56	9.70	380.1	1315	112	11.6	5.5	1934	2.69	10.2	1.9	1.0	0.5	38.4	1.96	0.55	0.14	24
1267203	Soil		0.97	8.87	126.0	455.0	53	10.2	6.0	1206	1.60	7.6	1.1	0.4	0.8	41.8	1.07	0.35	0.14	16



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1266667	Soil	15.5	22.6	1.20	181.2	0.009	3	1.52	0.004	0.03	<0.1	2.5	1.11	0.13	249	0.9	0.06	4.1	0.71	0.1	0.05
1266668	Soil	5.6	19.4	0.35	157.8	0.003	4	1.27	0.003	0.10	<0.1	2.4	0.37	0.11	48	0.2	0.04	4.3	1.37	<0.1	0.04
1266669	Soil	7.0	17.3	0.41	89.6	0.004	5	0.94	0.003	0.11	<0.1	3.2	0.42	0.07	55	0.2	0.04	3.1	1.61	<0.1	0.03
1266670	Soil	12.6	17.0	0.27	110.6	0.003	2	0.94	0.002	0.06	<0.1	3.5	7.73	0.07	379	0.5	0.05	2.8	0.86	0.1	0.06
1266671	Soil	10.9	27.1	0.45	149.5	0.011	2	1.84	0.003	0.05	0.1	2.5	0.43	0.05	39	0.3	0.04	6.0	1.47	<0.1	0.02
1266672	Soil	10.0	27.7	0.46	201.2	0.009	2	1.81	0.002	0.05	0.1	2.8	0.22	0.03	39	0.2	0.05	6.1	1.25	<0.1	<0.02
1266673	Soil	6.8	14.6	0.13	76.4	0.002	2	0.94	0.002	0.08	<0.1	2.3	0.15	<0.02	21	0.2	0.07	3.0	1.41	<0.1	<0.02
1266674	Soil	4.8	16.1	0.15	99.5	<0.001	1	1.42	<0.001	0.06	<0.1	2.5	0.11	<0.02	23	0.2	0.07	3.9	1.48	<0.1	0.02
1266675	Soil	16.2	19.8	0.42	95.4	0.002	2	1.19	0.002	0.09	<0.1	4.5	0.23	0.03	129	0.2	0.08	2.9	0.88	<0.1	0.06
1266676	Soil	24.0	20.1	0.31	120.9	0.005	4	1.12	0.003	0.08	<0.1	2.6	0.20	0.08	105	0.7	0.03	3.3	1.02	<0.1	0.06
1266677	Soil	14.4	35.0	0.68	228.9	0.013	2	1.91	0.002	0.07	0.1	2.9	0.16	0.04	30	0.3	0.05	6.9	1.58	<0.1	0.02
1266678	Soil	15.5	46.9	1.39	161.0	0.008	2	2.65	<0.001	0.07	<0.1	4.0	0.16	0.03	28	0.2	0.04	7.8	1.57	<0.1	0.06
1266679	Soil	18.3	47.8	1.86	128.5	0.005	2	2.92	<0.001	0.07	<0.1	2.9	0.16	<0.02	11	0.1	<0.02	8.6	1.69	<0.1	0.10
1266680	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.
1266681	Soil	16.9	46.5	1.89	146.2	0.006	3	1.99	0.001	0.08	<0.1	4.3	0.08	0.04	29	0.6	0.03	6.2	0.60	<0.1	0.11
1266682	Soil	7.5	5.9	0.12	54.1	0.002	3	0.30	0.004	0.03	<0.1	2.5	16.14	0.04	72	0.6	0.02	1.0	1.52	0.1	0.06
1267151	Soil	9.7	27.1	0.36	120.1	0.013	6	1.25	0.002	0.13	0.2	2.5	0.23	0.04	66	0.4	0.06	4.7	3.23	<0.1	<0.02
1267152	Soil	6.3	29.6	0.45	85.8	0.007	3	1.82	<0.001	0.11	<0.1	6.0	0.21	<0.02	35	0.3	0.02	4.7	4.61	<0.1	0.03
1267153	Soil	12.0	34.2	0.37	72.2	0.004	1	1.77	<0.001	0.06	<0.1	6.9	0.10	0.06	47	0.3	<0.02	4.7	2.13	<0.1	0.04
1267154	Soil	9.4	15.8	0.20	94.5	0.006	2	0.85	0.002	0.04	<0.1	1.5	0.11	0.12	93	0.5	0.02	2.5	1.31	<0.1	<0.02
1267155	Soil	13.5	20.8	2.30	100.0	0.008	2	1.06	0.006	0.06	0.1	4.4	0.15	0.04	232	0.5	0.04	2.7	1.94	<0.1	<0.02
1267156	Soil	8.7	26.6	0.36	128.2	0.007	2	1.43	0.002	0.08	0.1	2.3	0.25	0.09	78	0.5	0.04	4.6	4.22	<0.1	0.02
1267157	Soil	11.3	21.8	0.49	126.7	0.005	5	1.23	0.004	0.10	0.1	2.3	0.45	0.14	315	0.8	0.07	3.1	2.18	<0.1	0.03
1267158	Soil	15.3	20.6	0.42	124.7	0.007	2	1.00	0.006	0.07	0.1	3.6	0.55	0.04	275	0.6	0.02	2.6	1.71	<0.1	0.04
1267159	Soil	16.0	22.5	0.58	169.1	0.005	3	1.35	0.004	0.05	0.1	1.7	0.28	0.13	278	0.6	0.06	3.4	0.92	<0.1	<0.02
1267160	Soil	13.5	21.3	0.85	184.5	0.009	2	1.17	0.005	0.04	0.1	3.8	0.22	0.08	328	0.8	0.06	3.7	1.07	0.1	0.03
1267161	Soil	14.7	26.7	0.69	139.7	0.009	2	1.67	0.002	0.05	0.2	3.6	0.28	0.06	326	0.4	0.05	4.1	1.32	<0.1	<0.02
1267201	Soil	9.3	15.6	4.84	73.9	0.005	3	0.98	0.007	0.05	<0.1	1.3	0.72	0.05	81	0.6	0.03	2.4	0.70	<0.1	0.02
1267202	Soil	9.4	14.8	4.76	71.7	0.005	2	0.95	0.007	0.05	<0.1	1.2	0.89	0.07	73	0.4	<0.02	2.2	0.76	<0.1	<0.02
1267203	Soil	6.9	10.5	5.95	50.2	0.002	2	0.66	0.008	0.06	<0.1	1.4	0.39	0.04	30	0.3	<0.02	1.4	1.54	<0.1	0.05



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1266667	Soil	0.36	5.8	1.2	<0.05	1.7	16.03	24.0	<0.02	<1	1.2	6.6	<10	<2
1266668	Soil	0.55	13.5	9.7	<0.05	1.2	4.60	10.7	0.03	<1	0.8	7.7	<10	<2
1266669	Soil	0.54	12.4	0.9	<0.05	1.0	6.00	12.7	0.03	<1	0.8	9.3	<10	<2
1266670	Soil	0.32	7.7	1.3	<0.05	1.8	13.38	20.8	0.03	<1	0.7	6.6	<10	<2
1266671	Soil	0.89	9.8	0.9	<0.05	0.8	5.13	22.9	0.03	<1	0.6	16.5	<10	<2
1266672	Soil	0.81	9.4	2.5	<0.05	0.5	3.75	21.7	0.03	<1	0.6	17.3	<10	<2
1266673	Soil	0.33	11.2	1.8	<0.05	1.5	4.36	21.4	0.05	<1	0.5	11.0	<10	<2
1266674	Soil	0.25	9.9	1.6	<0.05	1.4	4.09	14.0	0.05	<1	0.7	17.0	<10	<2
1266675	Soil	0.39	8.7	1.4	<0.05	2.2	17.62	36.3	0.04	<1	1.2	10.2	<10	<2
1266676	Soil	0.55	9.4	1.9	<0.05	2.5	12.46	35.7	0.03	<1	0.7	15.8	<10	<2
1266677	Soil	0.93	11.2	1.8	<0.05	0.9	4.73	29.4	0.04	<1	0.8	26.3	<10	<2
1266678	Soil	0.68	14.5	1.5	<0.05	1.8	7.61	35.1	0.04	<1	1.2	45.3	<10	<2
1266679	Soil	0.36	15.8	1.7	<0.05	5.4	3.73	38.2	0.04	<1	0.9	53.7	<10	<2
1266680	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.
1266681	Soil	0.53	10.5	0.8	<0.05	4.5	10.34	34.2	0.03	<1	1.1	53.6	<10	<2
1266682	Soil	0.15	3.8	0.3	<0.05	2.6	8.13	13.6	<0.02	<1	0.5	3.6	<10	<2
1267151	Soil	0.20	15.6	1.6	<0.05	<0.1	4.49	24.4	0.04	3	0.7	15.7	<10	<2
1267152	Soil	0.31	10.3	0.9	<0.05	1.3	6.66	16.5	0.04	<1	1.2	29.6	<10	<2
1267153	Soil	0.46	7.7	1.0	<0.05	1.5	13.38	34.2	0.06	<1	1.2	27.0	<10	<2
1267154	Soil	0.40	5.7	0.8	<0.05	0.7	9.79	18.6	0.03	<1	0.6	6.4	<10	<2
1267155	Soil	0.32	6.7	0.5	<0.05	0.8	11.76	27.8	0.03	<1	0.7	10.2	<10	<2
1267156	Soil	0.74	10.8	1.4	<0.05	0.7	5.99	20.2	0.03	<1	0.8	14.3	<10	<2
1267157	Soil	0.42	9.3	1.0	<0.05	1.2	18.55	23.8	0.04	<1	0.9	9.4	<10	<2
1267158	Soil	0.34	6.2	1.8	<0.05	1.2	17.56	27.3	0.03	<1	0.6	8.4	<10	<2
1267159	Soil	0.41	7.6	0.7	<0.05	0.7	29.71	36.0	0.03	<1	0.7	9.2	<10	<2
1267160	Soil	0.23	6.1	0.8	<0.05	1.2	21.90	30.9	0.92	<1	0.7	9.2	<10	<2
1267161	Soil	0.64	8.6	0.9	<0.05	1.0	17.50	45.8	0.04	<1	0.8	12.2	<10	<2
1267201	Soil	0.22	5.5	0.4	<0.05	0.8	8.69	16.6	<0.02	<1	0.7	6.9	<10	<2
1267202	Soil	0.19	5.8	0.6	<0.05	0.7	8.63	15.8	<0.02	<1	0.6	6.7	<10	<2
1267203	Soil	0.13	4.9	0.9	<0.05	0.8	7.59	11.4	0.02	<1	0.5	4.2	<10	<2



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1267204	Soil	3.89	10.10	353.1	973.9	123	12.2	5.6	1617	2.50	13.3	2.7	0.8	0.7	55.5	1.77	0.55	0.23	20	8.29
1267205	Soil	1.48	9.83	178.9	660.3	83	13.7	6.3	1705	2.45	9.1	1.3	3.0	1.0	23.1	0.64	0.62	0.66	33	3.06
1267206	Soil	0.84	8.11	156.5	440.7	74	9.8	4.7	1492	1.47	6.3	1.1	2.2	0.4	36.3	0.69	0.53	0.32	23	7.91
1267207	Soil	1.26	9.37	122.5	169.9	67	12.5	5.5	759	1.48	6.3	1.0	2.6	0.9	37.7	0.44	0.52	0.21	19	8.40
1267208	Soil	3.50	11.74	162.9	437.2	75	14.5	7.4	1261	2.61	11.1	1.2	2.0	1.2	33.3	0.60	0.79	0.28	24	5.74
1267209	Soil	0.80	25.24	33.59	90.8	39	24.9	17.1	1382	3.65	8.2	0.8	2.7	2.1	7.2	0.13	0.41	0.42	31	0.09
1267210	Soil	0.97	16.90	21.98	72.6	52	15.6	9.1	705	3.09	6.4	0.8	2.2	0.5	6.9	0.13	0.45	0.37	34	0.09
1267211	Soil	0.73	15.77	18.49	79.4	81	18.0	6.9	297	2.36	4.2	0.9	2.5	1.8	31.5	0.10	0.33	0.29	26	0.46
1267212	Soil	1.24	9.35	11.25	64.4	107	13.5	4.8	237	2.08	5.4	0.7	2.1	0.4	9.4	0.17	0.44	0.28	41	0.12
1267213	Soil	1.44	16.28	20.93	76.9	28	22.1	10.2	467	3.41	8.8	0.9	2.0	1.4	8.3	0.12	0.60	0.33	47	0.10
1267214	Soil	1.19	23.22	43.31	93.7	77	24.4	13.1	767	2.99	10.5	1.4	1.9	2.4	27.9	0.17	0.37	0.33	29	0.58
1267215	Soil	1.87	21.05	22.89	103.0	116	38.7	14.3	434	3.57	4.8	0.9	2.9	3.0	66.1	0.19	0.32	0.25	30	1.26
1267216	Soil	1.51	11.30	11.04	72.2	33	22.4	8.2	194	2.67	5.1	0.8	1.2	2.5	20.1	0.14	0.40	0.23	39	0.28
1267217	Soil	3.05	14.31	18.22	77.5	57	29.8	8.5	342	2.87	6.4	0.9	2.5	1.2	19.6	0.11	0.39	0.28	42	0.26
1267218	Soil	1.43	12.50	16.08	78.2	66	21.3	8.5	345	3.02	6.7	1.1	0.7	2.3	29.0	0.08	0.40	0.28	47	0.43
1267219	Soil	1.81	13.19	14.63	77.7	40	18.4	7.4	330	2.57	7.4	0.9	1.2	1.2	6.5	0.17	0.51	0.23	38	0.59
1267220	Soil	0.89	11.90	13.49	56.8	28	18.1	8.3	308	2.60	4.9	0.6	0.4	1.9	6.4	0.09	0.43	0.25	35	0.06
1267221	Soil	1.49	9.90	12.24	57.4	78	12.3	4.7	283	1.78	5.5	1.1	0.7	0.2	8.0	0.17	0.43	0.24	44	0.14
1267222	Soil	1.29	12.49	13.50	72.4	38	16.4	6.7	200	2.75	6.5	0.8	0.7	0.8	9.4	0.11	0.48	0.30	61	0.09
1267223	Soil	1.34	9.83	17.52	54.5	22	15.5	5.6	157	2.45	6.5	0.7	0.5	0.6	15.6	0.09	0.44	0.32	57	0.22
1267224	Soil	0.42	8.76	10.47	40.3	33	15.7	7.1	288	1.93	2.0	0.5	<0.2	3.0	11.0	0.11	0.16	0.22	18	0.18
1267225	Soil	10.01	27.13	27.40	179.3	270	52.0	12.5	399	3.02	47.9	7.7	2.3	2.3	96.1	0.81	1.25	0.23	55	4.38
1267226	Soil	0.73	32.12	13.22	91.3	36	25.9	10.2	316	2.16	2.8	1.3	3.2	6.6	107.5	0.30	0.11	0.13	30	7.24
1267227	Soil	0.29	35.26	12.07	71.6	32	21.8	9.3	324	1.88	0.8	1.0	7.9	6.7	103.6	0.13	0.14	0.14	20	5.57
1267228	Soil	0.16	30.44	5.33	69.8	17	27.1	10.4	320	2.01	0.3	1.2	2.9	8.2	102.9	0.09	0.11	0.16	14	6.68
1267229	Soil	0.22	31.24	17.00	90.6	21	37.7	13.0	317	2.76	1.2	1.2	1.5	9.7	21.8	0.10	0.16	0.23	17	1.00
1267230	Soil	0.15	25.70	11.05	82.8	21	35.9	12.4	343	2.57	1.7	1.3	1.5	8.5	70.0	0.13	0.13	0.21	15	3.73
1267231	Soil	0.26	30.44	14.77	96.6	33	40.4	12.5	198	2.92	2.2	1.5	4.1	8.0	25.0	0.10	0.16	0.25	17	0.83
1267232	Soil	0.21	40.77	25.21	116.6	69	47.4	14.6	499	3.43	3.3	1.6	1.4	8.5	21.2	0.15	0.15	0.31	19	0.46
1267233	Soil	0.72	20.32	31.49	114.2	86	22.5	8.3	191	2.28	9.4	1.0	2.3	2.8	42.8	0.26	0.34	0.31	8	2.14



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1267204	Soil	9.3	13.4	5.71	57.4	0.004	3	0.77	0.008	0.05	<0.1	1.5	0.92	0.05	81	0.4	<0.02	1.8	0.72	<0.1
1267205	Soil	13.2	22.2	1.60	120.7	0.006	4	1.49	0.005	0.11	<0.1	1.8	0.53	0.07	82	0.3	<0.02	4.0	1.27	<0.1
1267206	Soil	7.7	14.6	4.28	94.7	0.006	4	0.96	0.007	0.06	<0.1	0.8	0.30	0.06	46	0.5	<0.02	2.1	0.65	<0.1
1267207	Soil	7.9	15.2	4.59	63.9	0.006	5	0.95	0.007	0.09	<0.1	1.2	0.24	0.02	49	0.4	<0.02	2.2	0.71	<0.1
1267208	Soil	10.3	19.5	3.22	84.7	0.006	6	1.18	0.007	0.16	<0.1	1.7	0.96	0.05	94	0.4	0.04	3.3	0.91	<0.1
1267209	Soil	8.3	29.1	0.44	95.8	0.005	3	1.74	0.002	0.13	0.1	1.9	0.14	0.03	48	0.2	0.04	5.4	1.88	<0.1
1267210	Soil	9.0	27.0	0.26	120.0	0.005	2	1.40	0.003	0.14	<0.1	0.9	0.16	0.04	44	0.3	0.03	5.9	1.84	<0.1
1267211	Soil	11.3	24.3	0.43	117.4	0.004	5	1.40	0.004	0.18	<0.1	1.8	0.14	0.05	14	0.3	<0.02	4.4	2.01	<0.1
1267212	Soil	10.7	26.3	0.27	105.2	0.005	3	1.49	0.003	0.13	<0.1	0.5	0.20	0.05	21	0.3	0.03	5.4	1.84	<0.1
1267213	Soil	11.0	31.1	0.37	120.5	0.006	3	1.92	0.002	0.16	<0.1	1.5	0.20	0.03	22	0.3	0.06	6.2	2.21	<0.1
1267214	Soil	11.1	26.1	0.42	182.5	0.002	9	1.49	0.003	0.17	<0.1	2.5	0.15	0.05	18	0.3	0.04	4.6	2.20	<0.1
1267215	Soil	23.8	27.1	0.35	203.4	0.003	13	1.26	0.003	0.31	<0.1	3.9	0.32	0.06	27	0.7	0.02	3.7	2.12	<0.1
1267216	Soil	14.7	31.9	0.44	123.0	0.004	5	2.04	0.004	0.18	<0.1	1.8	0.25	<0.02	15	0.3	<0.02	5.5	2.23	<0.1
1267217	Soil	13.8	45.2	0.37	159.3	0.008	9	1.84	0.002	0.21	0.1	1.6	0.25	0.04	14	0.5	0.04	5.7	2.93	<0.1
1267218	Soil	14.2	34.7	0.45	206.4	0.009	8	2.11	0.002	0.23	0.1	2.3	0.29	0.04	17	0.3	0.04	6.2	3.24	<0.1
1267219	Soil	13.5	24.9	0.53	92.9	0.003	3	1.40	0.001	0.16	<0.1	1.1	0.24	0.04	17	0.3	<0.02	4.9	1.67	<0.1
1267220	Soil	17.7	27.9	0.41	100.1	0.005	4	1.78	<0.001	0.18	<0.1	1.5	0.18	0.03	11	0.2	0.03	5.4	2.11	<0.1
1267221	Soil	12.5	24.3	0.24	114.2	0.004	4	1.27	0.002	0.15	<0.1	0.4	0.22	0.06	29	0.2	0.03	5.1	1.96	<0.1
1267222	Soil	14.5	35.6	0.37	147.7	0.006	4	2.33	<0.001	0.21	<0.1	1.2	0.45	0.04	28	0.4	0.04	9.0	5.44	<0.1
1267223	Soil	13.8	25.8	0.28	160.2	0.006	1	1.57	0.001	0.10	<0.1	1.0	0.26	0.03	20	0.3	<0.02	7.7	2.12	<0.1
1267224	Soil	19.1	20.7	0.39	113.5	0.002	5	1.23	0.001	0.22	<0.1	1.6	0.13	0.03	18	0.1	<0.02	3.7	2.15	<0.1
1267225	Soil	11.2	21.7	1.82	202.9	0.005	16	1.19	0.007	0.31	<0.1	2.8	1.36	0.08	80	1.4	0.04	3.4	5.09	<0.1
1267226	Soil	23.5	46.6	3.52	39.7	0.003	3	2.17	0.004	0.16	<0.1	3.8	0.12	<0.02	17	0.7	<0.02	6.1	2.42	<0.1
1267227	Soil	24.4	33.8	2.95	256.8	0.003	3	1.40	0.004	0.14	<0.1	3.1	0.08	<0.02	17	0.9	<0.02	4.4	1.86	<0.1
1267228	Soil	28.9	30.4	2.18	124.5	0.004	4	1.23	0.004	0.15	<0.1	3.4	0.07	<0.02	7	0.2	<0.02	3.8	1.91	<0.1
1267229	Soil	33.5	40.0	1.63	121.8	0.004	4	1.63	0.002	0.16	<0.1	4.5	0.08	<0.02	18	0.3	<0.02	4.8	1.53	<0.1
1267230	Soil	22.0	34.5	1.42	105.0	0.004	4	1.48	0.003	0.15	<0.1	3.4	0.07	<0.02	9	0.2	0.03	4.6	2.24	<0.1
1267231	Soil	24.9	39.4	1.38	116.3	0.004	4	1.63	0.002	0.15	<0.1	4.5	0.08	0.02	33	0.4	<0.02	5.1	2.01	<0.1
1267232	Soil	17.5	44.7	1.26	69.3	0.004	6	1.88	0.001	0.18	<0.1	5.3	0.10	0.02	30	0.3	0.02	6.1	3.01	<0.1
1267233	Soil	6.9	11.3	0.30	73.4	0.001	8	0.57	0.005	0.17	<0.1	2.5	0.21	0.12	98	0.6	0.06	1.5	1.87	<0.1



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Zn
		ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10	ppb 2	% 0.01
1267204	Soil	0.15	4.3	0.6	<0.05	0.8	9.16	15.2	<0.02	<1	0.5	5.6	<10	<2	
1267205	Soil	0.36	13.0	1.2	<0.05	1.1	10.80	25.3	0.03	1	0.7	10.5	<10	<2	
1267206	Soil	0.21	6.7	0.6	<0.05	0.6	6.70	16.2	<0.02	1	0.5	6.9	<10	<2	
1267207	Soil	0.20	7.7	0.8	<0.05	1.2	6.58	18.1	<0.02	1	0.6	9.2	<10	<2	
1267208	Soil	0.28	9.9	0.6	<0.05	1.9	9.57	21.7	0.02	1	0.7	12.3	<10	<2	
1267209	Soil	0.35	14.6	1.0	<0.05	0.8	5.32	27.5	0.03	<1	0.9	30.9	<10	<2	
1267210	Soil	0.32	17.0	1.1	<0.05	0.5	4.06	22.4	0.02	<1	0.5	14.7	<10	<2	
1267211	Soil	0.41	18.3	3.4	<0.05	1.1	5.79	30.0	0.03	<1	0.9	23.6	<10	<2	
1267212	Soil	0.28	18.7	1.5	<0.05	0.4	3.17	25.9	0.03	<1	0.4	12.9	<10	<2	
1267213	Soil	0.51	17.3	1.6	<0.05	0.5	4.27	33.2	0.03	1	0.8	21.2	<10	<2	
1267214	Soil	0.35	17.5	3.7	<0.05	2.9	8.22	26.6	0.03	2	1.1	30.4	<10	<2	
1267215	Soil	0.32	19.7	2.4	<0.05	6.2	15.14	56.3	0.05	1	1.4	13.3	<10	<2	
1267216	Soil	0.43	19.7	1.3	<0.05	1.4	4.50	37.6	<0.02	1	0.8	19.6	<10	<2	
1267217	Soil	0.35	24.8	3.1	<0.05	1.0	5.97	35.9	<0.02	2	0.8	16.0	<10	<2	
1267218	Soil	0.50	29.3	1.4	<0.05	2.7	5.54	35.7	0.03	<1	1.0	18.8	<10	<2	
1267219	Soil	0.38	19.2	1.4	<0.05	1.1	4.41	36.4	0.04	<1	0.6	12.8	<10	<2	
1267220	Soil	0.32	19.8	1.0	<0.05	0.8	4.63	48.2	0.03	1	0.8	18.8	<10	<2	
1267221	Soil	0.28	18.6	2.8	<0.05	0.3	1.98	27.6	0.03	1	0.4	10.6	<10	<2	
1267222	Soil	0.64	24.2	1.1	<0.05	0.7	3.80	35.5	0.03	<1	0.6	17.5	<10	<2	
1267223	Soil	0.63	12.2	1.4	<0.05	0.3	3.99	32.8	<0.02	<1	0.5	14.1	<10	<2	
1267224	Soil	0.24	17.6	0.7	<0.05	1.2	5.40	60.7	0.03	<1	0.8	15.7	<10	<2	
1267225	Soil	0.44	19.6	1.2	<0.05	4.9	11.64	26.1	0.03	3	1.1	11.3	<10	<2	
1267226	Soil	0.06	11.9	1.5	<0.05	6.0	10.83	48.8	0.03	<1	1.0	42.1	<10	<2	
1267227	Soil	0.05	9.3	0.4	<0.05	6.4	11.30	52.1	0.03	<1	0.8	29.8	<10	<2	
1267228	Soil	0.08	8.6	0.5	<0.05	7.6	10.89	58.5	0.02	<1	0.8	25.6	<10	<2	
1267229	Soil	0.08	9.9	1.0	<0.05	6.0	13.46	65.9	0.04	<1	1.2	33.9	<10	<2	
1267230	Soil	0.06	9.3	0.5	<0.05	6.3	10.47	46.7	0.02	<1	0.9	32.1	<10	<2	
1267231	Soil	0.16	9.5	1.4	<0.05	6.0	15.21	51.0	0.02	<1	0.9	36.8	<10	<2	
1267232	Soil	0.13	11.5	0.7	<0.05	6.5	15.18	40.7	0.04	<1	1.1	46.9	<10	<2	
1267233	Soil	0.10	8.4	1.1	<0.05	4.1	9.05	16.9	0.03	<1	0.7	5.3	<10	<2	



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
1267234	Soil	1.19	26.86	27.87	79.3	127	20.1	7.6	202	2.54	9.0	0.8	1.0	2.7	32.4	0.21	0.36	0.30	15	1.55
1267235	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.
1267236	Soil	3.32	42.83	30.28	131.3	157	35.0	12.4	374	3.82	12.0	1.1	0.8	5.9	32.2	0.45	0.80	0.34	21	0.35
1267237	Soil	1.95	39.72	17.70	61.6	191	29.3	11.5	327	3.06	7.5	1.5	1.0	3.8	22.8	0.14	0.50	0.29	24	0.38
1267238	Soil	1.45	33.00	17.17	62.9	249	22.8	9.7	304	2.74	6.0	1.0	1.3	3.0	21.7	0.18	0.44	0.27	26	0.86
1267239	Soil	1.03	30.06	20.31	93.0	53	23.1	11.1	236	3.57	6.6	0.5	0.6	1.9	14.5	0.15	0.38	0.26	29	0.28
1267240	Soil	0.93	51.48	27.37	107.6	74	34.3	21.1	502	4.81	8.7	0.6	0.4	3.3	16.7	0.20	0.50	0.29	34	0.17
1267255	Soil	1.23	48.99	29.60	62.5	104	14.7	8.2	608	2.79	11.5	1.9	6.9	2.2	9.8	0.08	0.38	0.43	37	0.10
1267256	Soil	1.17	18.64	33.32	100.0	33	19.5	12.7	1000	3.08	10.2	0.8	4.5	3.0	8.3	0.19	0.58	0.38	41	0.07
1267257	Soil	2.12	125.6	38.12	82.5	254	24.4	17.7	2388	2.97	20.9	2.1	4.9	3.9	11.1	0.16	0.55	1.02	39	0.09
1267258	Soil	1.09	29.44	30.99	91.0	58	21.2	11.7	907	3.00	9.7	1.0	4.1	2.3	8.6	0.11	0.60	0.42	40	0.07
1267259	Soil	0.96	14.40	44.60	88.6	16	28.9	22.1	1816	4.34	15.1	1.3	2.5	6.3	7.0	0.05	0.42	0.73	34	0.05
1267260	Soil	0.66	22.42	48.43	114.2	12	27.8	17.6	1534	3.67	8.5	0.9	2.1	5.0	7.5	0.08	0.33	0.41	33	0.07
1267261	Soil	0.67	23.00	37.07	108.6	30	24.4	16.9	1311	3.65	6.6	0.9	2.5	3.9	7.8	0.11	0.34	0.39	37	0.07
1267262	Soil	0.90	9.03	24.59	53.6	9	11.6	11.1	600	3.09	6.1	0.6	1.2	4.5	7.4	0.10	0.37	0.37	44	0.05
1267263	Soil	0.68	31.98	56.99	125.1	13	31.3	18.7	1310	3.73	7.8	1.0	1.5	5.8	8.0	0.09	0.38	0.39	32	0.07
1267264	Soil	0.81	10.57	26.13	57.8	41	14.4	14.2	502	3.57	6.5	1.0	2.0	4.9	7.3	0.07	0.42	0.38	41	0.03
1267265	Soil	0.83	18.58	33.71	80.4	33	23.2	26.4	1450	4.01	9.4	1.0	2.5	3.9	5.5	0.12	0.44	0.48	35	0.07
1267266	Soil	1.81	12.88	20.40	70.6	28	18.6	8.1	413	4.03	13.0	0.7	2.5	4.1	8.5	0.11	0.86	0.37	58	0.07
1267267	Soil	1.26	79.22	16.98	62.1	123	16.8	15.9	2558	3.39	6.9	1.0	1.2	2.1	5.4	0.11	0.59	0.31	43	0.03
1267268	Soil	0.83	31.45	24.95	73.6	41	17.5	9.5	976	3.21	5.2	1.2	2.2	0.9	8.9	0.26	0.45	0.36	40	0.09
1267269	Soil	1.16	15.29	348.0	1904	34	16.0	6.3	491	2.73	10.5	1.1	2.5	1.9	9.3	1.48	0.46	0.31	28	0.73
1267270	Soil	1.58	9.08	833.8	5769	161	8.2	5.9	2621	2.19	9.1	1.1	1.7	0.4	21.9	15.39	0.34	0.19	23	6.46
1267271	Soil	0.56	2.20	1194	468.2	46	3.4	1.7	772	0.75	2.7	0.5	<0.2	0.2	42.9	1.25	0.11	0.02	6	18.19
1267272	Soil	2.13	12.24	70.97	425.5	46	15.6	10.0	2444	2.87	14.6	1.1	1.1	1.3	31.3	0.65	0.49	0.17	35	8.41
1267273	Soil	1.42	13.17	103.7	978.7	54	20.4	8.1	2599	4.34	11.6	1.5	0.6	1.7	10.3	1.90	0.46	0.27	43	0.71
1267274	Soil	2.05	14.64	177.5	1612	97	22.4	9.9	1537	5.20	14.0	2.1	39.3	2.1	12.4	1.15	0.58	0.27	44	0.63
1267275	Soil	0.68	6.40	22.19	175.2	70	9.0	4.7	2014	1.63	5.9	2.2	<0.2	0.4	30.0	0.68	0.37	0.08	24	9.64
1267276	Soil	2.25	17.05	281.4	987.5	167	19.4	9.1	1716	6.45	13.2	2.1	2.0	2.8	12.1	1.57	0.49	0.24	37	1.24
1267277	Soil	1.30	16.28	77.03	411.5	135	18.2	6.2	1453	3.83	8.1	1.3	1.7	2.8	34.5	0.88	0.52	0.17	30	5.53



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1267234	Soil	7.2	14.3	0.35	75.8	0.001	5	0.88	0.004	0.14	<0.1	2.4	0.13	0.11	110	0.7	<0.02	2.7	0.97	<0.1
1267235	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.
1267236	Soil	12.6	12.0	0.19	67.5	0.003	4	0.63	0.002	0.12	<0.1	5.7	0.21	0.03	151	0.7	0.06	1.9	1.91	<0.1
1267237	Soil	8.7	19.0	0.27	115.3	0.002	6	1.07	0.003	0.17	<0.1	4.9	0.20	0.06	105	0.5	0.06	3.2	2.27	<0.1
1267238	Soil	3.9	16.6	0.27	145.7	<0.001	2	1.13	0.003	0.12	<0.1	4.6	0.21	0.07	81	0.5	0.04	3.4	1.40	<0.1
1267239	Soil	5.7	16.2	0.20	63.8	<0.001	1	0.94	0.002	0.10	<0.1	2.9	0.12	0.04	24	0.3	0.06	3.2	1.32	<0.1
1267240	Soil	7.5	22.0	0.32	87.6	0.002	2	1.31	0.002	0.10	<0.1	4.8	0.14	0.02	39	0.4	0.06	4.0	2.60	<0.1
1267255	Soil	8.0	27.7	0.30	178.7	0.004	1	1.67	0.003	0.09	0.2	3.2	0.22	0.04	36	0.2	0.04	6.0	3.42	<0.1
1267256	Soil	10.8	26.2	0.36	100.6	0.009	1	1.56	0.002	0.07	0.2	2.1	0.18	<0.02	22	0.2	0.03	5.1	1.86	<0.1
1267257	Soil	11.1	29.0	0.43	174.0	0.010	2	1.61	0.004	0.08	0.2	3.0	0.11	<0.02	39	0.3	0.03	5.2	2.64	<0.1
1267258	Soil	10.7	27.4	0.36	144.2	0.009	2	1.62	0.002	0.08	0.2	2.4	0.18	0.03	43	0.2	0.03	5.0	1.89	<0.1
1267259	Soil	4.8	32.7	0.49	190.7	0.007	2	1.76	0.003	0.11	0.2	4.6	0.14	<0.02	20	<0.1	0.05	5.4	4.39	<0.1
1267260	Soil	7.7	29.0	0.45	153.5	0.004	1	1.91	0.001	0.12	0.1	4.1	0.17	<0.02	27	<0.1	0.02	5.5	1.75	<0.1
1267261	Soil	6.2	31.0	0.40	157.0	0.004	1	1.97	0.003	0.13	0.1	3.9	0.18	0.02	27	0.2	0.05	6.7	2.10	<0.1
1267262	Soil	9.7	21.5	0.21	115.5	0.008	<1	1.45	0.002	0.08	0.1	2.2	0.18	<0.02	<5	<0.1	0.04	6.8	1.62	<0.1
1267263	Soil	12.0	29.1	0.46	186.1	0.004	2	1.80	0.002	0.13	<0.1	5.0	0.16	<0.02	25	<0.1	0.03	5.2	1.59	<0.1
1267264	Soil	4.1	28.1	0.23	170.2	0.006	<1	1.60	0.004	0.14	0.1	2.6	0.16	<0.02	28	0.1	0.04	7.4	3.05	<0.1
1267265	Soil	3.7	33.2	0.39	71.8	0.007	1	1.65	0.005	0.14	0.2	2.8	0.10	0.02	23	0.3	0.07	5.6	2.99	<0.1
1267266	Soil	10.2	35.6	0.39	63.1	0.042	2	1.63	<0.001	0.10	0.3	2.2	0.11	<0.02	39	0.4	0.07	7.5	2.11	<0.1
1267267	Soil	5.9	29.3	0.20	89.6	0.010	2	1.55	0.002	0.14	0.1	2.7	0.14	0.03	48	0.5	0.05	5.8	2.40	<0.1
1267268	Soil	8.2	22.5	0.15	136.8	0.007	2	1.13	<0.001	0.13	0.1	2.8	0.12	0.04	31	0.2	0.07	4.9	2.90	<0.1
1267269	Soil	7.4	19.7	0.40	215.7	0.005	2	1.16	0.001	0.09	<0.1	2.9	0.47	0.06	41	0.3	0.04	3.6	1.23	<0.1
1267270	Soil	7.0	14.7	3.12	738.3	0.008	5	1.04	0.007	0.04	<0.1	1.0	0.39	0.13	647	0.5	0.03	3.5	0.74	<0.1
1267271	Soil	2.6	4.3	10.87	14.8	0.004	<1	0.20	0.008	0.01	<0.1	0.3	0.06	<0.02	219	0.3	0.03	0.6	0.15	0.1
1267272	Soil	17.8	22.6	4.39	125.2	0.008	4	1.45	0.008	0.06	0.1	2.3	0.38	<0.02	47	0.4	0.05	3.3	0.85	<0.1
1267273	Soil	13.3	27.7	0.60	168.0	0.006	2	2.12	0.002	0.08	0.1	2.6	0.40	0.04	37	0.2	0.03	5.0	1.51	<0.1
1267274	Soil	16.4	28.4	0.58	169.9	0.012	1	1.76	0.004	0.07	0.1	3.1	1.36	0.04	75	0.4	0.04	4.8	1.48	<0.1
1267275	Soil	6.4	12.5	5.07	59.8	0.007	2	0.82	0.008	0.03	<0.1	0.8	0.13	0.02	43	0.3	0.02	1.7	0.42	<0.1
1267276	Soil	13.7	23.3	0.70	198.1	0.004	2	1.59	0.002	0.07	<0.1	3.5	0.97	0.04	71	0.4	0.03	4.2	0.77	<0.1
1267277	Soil	9.5	16.9	2.97	124.5	0.014	3	0.99	0.009	0.09	0.1	2.6	0.52	0.06	48	0.4	0.02	2.6	0.73	<0.1



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1267234	Soil	0.13	7.6	1.8	<0.05	3.5	9.36	19.7	0.02	<1	0.8	13.5	<10	<2
1267235	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.
1267236	Soil	0.11	7.2	0.8	<0.05	2.6	14.36	27.9	0.05	<1	0.9	7.1	<10	<2
1267237	Soil	0.23	10.7	1.3	<0.05	2.4	18.31	20.8	0.04	<1	1.0	12.8	<10	<2
1267238	Soil	0.22	8.6	1.2	<0.05	3.6	9.38	8.7	0.04	1	0.8	12.1	<10	<2
1267239	Soil	0.18	10.2	0.7	<0.05	0.9	4.32	14.6	0.03	<1	0.6	10.5	<10	<2
1267240	Soil	0.13	10.2	0.7	<0.05	1.5	8.34	19.7	0.04	1	0.8	19.6	<10	<2
1267255	Soil	0.52	15.5	1.2	<0.05	0.8	8.00	22.2	0.05	<1	1.2	16.4	<10	<2
1267256	Soil	0.60	13.0	0.9	<0.05	0.5	4.02	23.3	0.04	<1	0.6	19.0	<10	<2
1267257	Soil	0.47	11.2	4.3	<0.05	1.0	5.60	25.5	0.06	<1	0.9	20.4	<10	2
1267258	Soil	0.58	12.3	1.0	<0.05	0.4	5.88	25.1	0.03	<1	1.1	20.0	<10	<2
1267259	Soil	0.36	12.9	2.8	<0.05	1.0	6.57	17.0	0.04	<1	1.8	30.0	<10	<2
1267260	Soil	0.30	14.4	1.4	<0.05	1.0	9.10	19.3	0.05	<1	1.5	26.3	<10	<2
1267261	Soil	0.39	18.4	2.3	<0.05	0.9	6.84	14.9	0.04	<1	1.3	27.7	<10	<2
1267262	Soil	0.63	18.8	1.0	<0.05	1.4	3.41	19.1	0.02	<1	0.4	13.1	<10	<2
1267263	Soil	0.24	13.9	1.3	<0.05	1.7	13.16	25.4	0.03	<1	1.7	24.5	<10	<2
1267264	Soil	0.69	26.1	1.5	<0.05	1.0	4.31	8.3	0.03	<1	0.8	17.6	<10	<2
1267265	Soil	0.57	14.3	4.6	<0.05	0.7	4.50	10.0	0.04	<1	1.2	18.8	<10	<2
1267266	Soil	1.56	11.8	1.3	<0.05	1.0	2.72	20.1	0.05	<1	0.6	22.0	15	<2
1267267	Soil	0.58	17.9	1.4	<0.05	0.1	3.71	12.4	0.05	<1	0.7	12.1	<10	<2
1267268	Soil	0.65	19.3	2.9	<0.05	0.2	14.40	17.5	0.04	<1	1.9	8.9	<10	<2
1267269	Soil	0.55	14.6	0.7	<0.05	1.4	5.85	13.0	0.03	<1	0.9	11.6	<10	<2
1267270	Soil	0.30	7.1	0.6	<0.05	0.6	7.19	15.7	0.03	<1	0.4	5.7	<10	<2
1267271	Soil	0.07	2.4	1.2	<0.05	0.4	2.96	4.6	<0.02	1	0.1	1.9	<10	<2
1267272	Soil	0.29	8.0	4.2	<0.05	1.0	12.88	29.3	0.03	1	0.9	10.5	<10	<2
1267273	Soil	0.42	14.0	1.1	<0.05	0.9	9.63	27.2	0.04	<1	1.2	16.5	<10	<2
1267274	Soil	0.49	13.3	0.8	<0.05	0.7	11.07	31.3	0.03	<1	1.0	14.6	<10	<2
1267275	Soil	0.15	4.7	0.5	<0.05	0.6	7.63	11.2	<0.02	<1	0.5	5.2	<10	<2
1267276	Soil	0.30	9.3	0.5	<0.05	2.0	13.14	20.3	0.02	<1	1.0	14.5	<10	<2
1267277	Soil	0.35	8.1	0.8	<0.05	1.1	9.98	17.9	0.02	<1	0.5	9.2	<10	<2



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1267278	Soil	1.34	19.12	38.35	266.1	22	18.6	11.4	506	4.06	10.2	0.5	1.5	2.8	9.7	0.28	0.58	0.28	42	0.15
1267279	Soil	1.30	20.16	83.41	369.8	228	19.9	7.9	798	3.29	7.3	2.3	2.3	1.3	24.7	1.14	0.44	0.27	39	0.86
1267280	Soil	1.09	15.04	23.24	109.0	45	14.9	7.1	324	2.82	7.7	0.7	1.8	1.8	9.5	0.42	0.29	0.27	36	0.15
1267281	Soil	0.95	17.31	42.89	106.8	28	32.2	14.0	342	4.33	11.4	0.9	1.9	4.3	24.2	0.35	0.59	0.26	39	0.20
1267282	Soil	0.56	23.77	51.35	68.5	205	30.9	12.0	388	3.27	9.6	2.6	1.2	2.0	104.2	0.26	0.57	0.29	21	1.39
1267283	Soil	0.44	33.47	51.93	92.2	221	38.4	11.6	190	3.47	8.4	1.0	1.7	5.2	85.2	0.11	0.51	0.34	17	1.09
1267284	Soil	0.93	14.97	23.48	112.2	186	16.0	7.6	856	4.11	12.8	2.6	<0.2	1.7	77.7	0.90	0.29	0.24	35	2.94
1267285	Soil	0.60	21.59	16.53	96.3	216	18.4	6.4	233	1.89	7.7	10.1	3.1	0.9	83.2	0.61	0.30	0.18	31	2.18
1267286	Soil	0.38	19.95	12.79	65.8	72	22.4	9.0	340	2.38	4.9	3.3	2.9	3.3	51.3	0.29	0.26	0.18	40	1.09
1267287	Soil	0.50	33.29	20.90	73.8	88	27.9	12.2	387	2.54	6.8	3.0	6.4	5.0	47.6	0.29	0.32	0.21	40	1.04
1267288	Soil	0.38	29.32	13.38	60.4	87	22.3	9.6	387	2.15	5.0	2.5	4.9	2.8	67.5	0.24	0.26	0.17	34	1.42
1267289	Soil	0.57	24.90	14.69	71.7	105	23.2	9.3	284	2.17	5.3	1.9	4.9	3.3	65.9	0.27	0.32	0.17	34	1.32
1267290	Soil	0.43	29.32	17.13	71.7	94	21.7	11.3	533	2.14	5.3	3.2	4.8	2.6	74.6	0.24	0.29	0.19	32	1.60
1267291	Soil	0.57	32.91	15.66	65.4	127	17.9	8.0	421	1.89	4.7	9.9	6.4	1.5	93.1	0.29	0.41	0.25	28	2.06
1267292	Soil	0.58	26.10	17.64	70.2	123	15.0	7.6	455	1.86	4.9	5.9	4.0	1.0	112.6	0.40	0.42	0.30	21	2.70
1267293	Soil	0.69	24.02	26.07	85.5	72	25.5	13.9	654	3.34	9.0	1.9	2.8	4.6	34.7	0.20	0.42	0.30	30	0.64
1267921	Soil	0.43	8.31	11.27	86.4	35	28.4	10.6	368	2.68	2.7	1.1	5.6	5.4	17.2	0.15	0.34	0.15	25	0.37
1267922	Soil	0.34	7.59	9.15	85.9	37	25.2	9.2	255	2.35	1.7	1.4	4.1	3.5	29.6	0.20	0.28	0.17	20	0.83
1267923	Soil	0.27	13.74	7.06	87.0	30	24.5	8.8	181	2.28	1.4	1.1	4.5	4.2	15.7	0.15	0.25	0.13	22	0.41
1267924	Soil	0.29	42.69	20.44	102.0	39	28.2	10.1	212	2.71	2.2	1.3	8.6	4.8	18.5	0.18	0.21	0.15	31	0.52
1267925	Soil	0.23	31.92	13.50	84.0	52	24.0	8.9	180	2.34	4.4	0.8	11.7	4.9	15.8	0.22	0.17	0.14	29	0.40
1267926	Soil	0.33	35.72	14.01	93.8	64	27.8	10.7	222	2.61	2.3	1.0	6.8	5.9	28.1	0.12	0.17	0.16	31	1.31
1267927	Soil	0.26	32.99	14.51	91.7	48	26.7	9.7	245	2.53	2.8	1.1	5.4	6.1	45.3	0.19	0.16	0.12	31	2.19
1267928	Soil	0.34	35.45	13.77	96.6	64	28.6	11.0	295	2.64	4.3	1.1	7.3	5.5	19.1	0.21	0.21	0.15	36	0.66
1267929	Soil	1.17	22.05	21.87	84.0	350	20.5	6.9	137	2.21	12.5	4.0	6.5	3.3	49.0	0.27	0.57	0.17	27	0.71
1267930	Soil	1.15	10.51	20.33	110.7	260	9.6	4.6	441	1.57	6.1	3.0	2.4	0.8	48.1	0.44	0.42	0.11	16	1.25
1267931	Soil	0.97	16.57	34.23	128.0	75	20.6	8.6	605	3.01	8.3	1.8	2.7	1.8	11.9	0.22	0.52	0.21	37	0.26
1267932	Soil	1.16	14.06	28.64	113.6	147	14.9	7.1	501	2.75	7.5	1.8	1.7	1.1	12.3	0.15	0.51	0.23	40	0.18
1267933	Soil	1.25	11.98	36.65	133.3	67	20.6	9.1	500	3.12	9.1	1.5	1.5	2.0	14.7	0.14	0.50	0.25	37	0.21
1267934	Soil	1.10	12.26	43.32	246.9	81	15.4	7.9	671	2.91	8.8	1.7	1.3	1.8	17.4	0.51	0.40	0.23	27	0.37



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1267278	Soil	8.3	22.8	0.36	73.3	0.005	2	1.37	0.002	0.10	<0.1	2.2	0.24	<0.02	10	0.2	0.05	4.7	1.63	<0.1
1267279	Soil	12.4	25.0	0.44	172.1	0.008	1	1.64	0.004	0.07	0.1	2.7	0.40	0.07	90	0.6	0.04	4.8	1.52	<0.1
1267280	Soil	6.2	16.9	0.18	103.2	0.002	1	1.27	<0.001	0.08	<0.1	1.6	0.15	<0.02	22	0.2	0.04	4.3	1.15	<0.1
1267281	Soil	9.5	23.4	0.34	137.7	0.005	2	1.82	0.002	0.09	<0.1	2.5	0.17	<0.02	16	0.2	0.05	4.1	1.50	<0.1
1267282	Soil	11.6	14.5	0.17	66.5	0.002	2	0.76	0.002	0.06	<0.1	3.1	0.11	0.05	68	0.5	0.07	2.0	0.65	<0.1
1267283	Soil	9.4	14.9	0.28	58.5	<0.001	3	1.05	0.002	0.08	<0.1	6.3	0.21	0.03	72	0.6	0.06	2.9	1.26	<0.1
1267284	Soil	23.2	22.1	0.78	192.4	0.003	2	1.17	0.005	0.04	<0.1	2.9	0.12	0.07	86	0.5	0.10	2.4	0.30	<0.1
1267285	Soil	20.4	24.2	0.53	99.6	0.007	7	1.12	0.008	0.11	<0.1	1.9	0.13	0.07	73	0.7	<0.02	3.5	0.98	<0.1
1267286	Soil	21.2	35.7	1.49	143.2	0.010	5	1.90	0.002	0.17	<0.1	3.9	0.14	0.03	42	0.4	0.02	6.3	1.91	<0.1
1267287	Soil	29.9	39.7	1.73	158.2	0.010	4	1.95	0.002	0.12	<0.1	6.0	0.16	0.03	58	0.4	<0.02	6.3	1.90	<0.1
1267288	Soil	25.8	35.6	1.59	183.6	0.008	4	1.68	0.002	0.11	<0.1	4.4	0.12	0.05	57	0.6	<0.02	5.5	1.47	<0.1
1267289	Soil	21.2	37.8	1.47	207.0	0.009	4	1.68	0.003	0.10	<0.1	4.5	0.13	0.04	52	0.6	<0.02	5.3	1.46	<0.1
1267290	Soil	18.9	33.2	1.17	244.0	0.008	3	1.52	0.003	0.07	<0.1	4.0	0.12	0.06	74	0.9	<0.02	4.7	1.06	<0.1
1267291	Soil	13.4	28.1	0.84	276.3	0.007	5	1.33	0.004	0.06	<0.1	3.2	0.13	0.09	91	1.2	0.03	3.8	1.04	<0.1
1267292	Soil	7.3	18.0	0.47	179.7	0.004	4	1.08	0.003	0.05	<0.1	1.7	0.09	0.09	77	0.9	<0.02	2.7	0.74	<0.1
1267293	Soil	10.9	26.1	0.61	137.6	0.001	2	1.62	0.002	0.08	<0.1	3.4	0.11	<0.02	42	0.3	0.06	4.2	1.38	<0.1
1267921	Soil	27.9	37.9	1.65	494.4	0.005	3	1.72	0.003	0.09	<0.1	4.4	0.09	0.03	15	0.1	0.04	5.0	1.19	<0.1
1267922	Soil	26.3	34.3	1.53	357.7	0.006	4	1.56	0.003	0.10	<0.1	4.2	0.09	0.06	27	0.3	0.02	4.5	1.51	<0.1
1267923	Soil	29.0	37.2	1.94	169.3	0.005	4	1.79	0.002	0.12	<0.1	4.2	0.09	0.03	23	0.2	0.03	4.9	1.50	<0.1
1267924	Soil	30.5	51.0	2.70	219.0	0.004	4	2.28	0.002	0.11	<0.1	5.4	0.09	0.04	225	0.5	0.02	6.6	1.00	<0.1
1267925	Soil	28.6	43.5	2.28	52.6	0.006	4	1.86	0.001	0.10	<0.1	4.7	0.09	0.03	21	0.7	<0.02	5.4	1.36	<0.1
1267926	Soil	29.8	50.3	2.86	86.5	0.005	5	2.02	0.003	0.12	<0.1	5.2	0.10	0.02	19	1.0	<0.02	5.9	1.74	<0.1
1267927	Soil	27.4	48.2	2.90	64.9	0.004	4	1.95	0.002	0.14	<0.1	4.5	0.11	<0.02	35	0.6	<0.02	6.0	1.12	<0.1
1267928	Soil	29.7	48.3	1.87	80.6	0.006	5	1.77	0.001	0.17	<0.1	4.6	0.12	<0.02	26	0.4	<0.02	5.6	1.31	<0.1
1267929	Soil	21.5	20.0	0.34	66.8	0.006	4	0.99	0.004	0.16	<0.1	2.7	0.26	0.03	103	0.4	<0.02	2.8	0.81	<0.1
1267930	Soil	12.8	10.3	0.13	71.0	0.002	2	0.48	0.003	0.05	<0.1	1.0	0.15	0.07	78	0.4	<0.02	1.1	0.41	<0.1
1267931	Soil	32.5	31.7	0.64	112.5	0.004	2	1.68	0.001	0.12	<0.1	2.4	0.22	0.04	45	0.3	0.04	4.3	1.19	<0.1
1267932	Soil	13.1	26.9	0.42	141.1	0.004	2	1.58	0.001	0.12	<0.1	1.3	0.22	0.05	25	0.2	0.03	5.3	1.65	<0.1
1267933	Soil	13.1	26.1	0.37	153.1	0.004	3	1.73	0.002	0.10	<0.1	2.0	0.20	0.03	27	0.3	0.05	4.2	1.25	<0.1
1267934	Soil	11.7	20.8	0.26	101.7	0.003	4	1.16	0.002	0.13	<0.1	2.1	0.28	0.05	30	0.2	0.04	3.3	0.96	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Zn
		ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10	ppb 2	% 0.01
1267278	Soil	0.41	15.7	0.7	<0.05	0.7	2.47	17.4	0.02	<1	0.5	22.2	<10	<2	
1267279	Soil	0.52	12.9	1.4	<0.05	1.1	10.40	22.5	0.04	<1	0.8	17.7	<10	<2	
1267280	Soil	0.35	13.3	0.8	<0.05	0.4	2.61	13.3	0.03	<1	0.4	12.2	<10	<2	
1267281	Soil	0.55	13.0	0.6	<0.05	1.5	3.96	22.7	0.04	<1	0.8	28.3	<10	<2	
1267282	Soil	0.26	6.0	4.1	<0.05	1.5	14.81	33.1	0.04	<1	0.9	8.5	<10	<2	
1267283	Soil	0.14	8.2	1.9	<0.05	3.5	17.42	19.3	0.04	<1	1.2	19.1	<10	<2	
1267284	Soil	0.34	5.6	1.9	<0.05	2.7	20.00	40.6	0.03	1	1.5	11.5	<10	<2	
1267285	Soil	0.41	12.7	0.8	<0.05	3.0	10.65	29.1	0.03	<1	0.8	26.5	<10	<2	
1267286	Soil	0.51	20.4	1.3	<0.05	4.3	9.58	47.8	0.03	<1	0.9	41.0	<10	<2	
1267287	Soil	0.63	15.5	6.8	<0.05	5.3	17.73	56.6	0.05	<1	1.3	44.8	<10	<2	
1267288	Soil	0.49	14.0	1.6	<0.05	4.1	16.29	48.9	0.04	<1	1.0	39.1	<10	<2	
1267289	Soil	0.58	13.6	2.1	<0.05	4.3	13.39	42.8	0.03	<1	0.8	41.9	<10	<2	
1267290	Soil	0.58	9.6	1.7	<0.05	3.9	13.45	40.9	0.03	<1	0.9	37.7	<10	<2	
1267291	Soil	0.64	8.7	2.3	<0.05	2.8	12.31	26.9	0.04	1	0.7	28.5	11	<2	
1267292	Soil	0.44	5.4	2.6	<0.05	2.6	7.66	15.5	0.03	1	0.6	17.1	<10	<2	
1267293	Soil	0.29	9.0	1.5	<0.05	2.4	8.92	27.0	0.03	<1	0.8	36.1	<10	<2	
1267921	Soil	0.30	8.3	0.7	<0.05	3.4	11.90	60.5	0.04	2	0.9	42.0	<10	<2	
1267922	Soil	0.37	9.0	0.6	<0.05	3.3	16.59	48.9	0.03	<1	1.1	35.3	<10	<2	
1267923	Soil	0.23	9.8	0.8	<0.05	3.5	15.10	53.8	0.03	<1	1.0	43.6	<10	<2	
1267924	Soil	0.24	9.4	1.0	<0.05	5.8	19.23	57.0	0.03	1	1.2	57.8	<10	<2	
1267925	Soil	0.22	9.3	0.9	<0.05	4.8	16.53	53.5	0.02	<1	0.9	51.8	<10	<2	
1267926	Soil	0.19	10.1	0.9	<0.05	5.8	15.94	56.2	0.03	<1	1.3	52.9	<10	<2	
1267927	Soil	0.18	11.1	1.3	<0.05	6.3	12.52	53.6	0.02	<1	1.2	50.5	<10	<2	
1267928	Soil	0.20	13.5	1.3	<0.05	4.5	13.70	58.1	0.03	<1	1.2	42.5	<10	<2	
1267929	Soil	0.28	10.1	1.1	<0.05	4.3	12.13	34.7	0.03	<1	0.8	21.2	<10	<2	
1267930	Soil	0.11	4.8	0.5	<0.05	1.4	7.11	30.6	0.03	<1	0.5	5.8	<10	<2	
1267931	Soil	0.35	13.4	1.1	<0.05	1.5	16.39	63.8	0.04	<1	1.0	27.4	<10	<2	
1267932	Soil	0.43	16.0	1.3	<0.05	0.7	5.02	34.2	0.03	<1	0.8	25.8	<10	<2	
1267933	Soil	0.45	11.2	1.0	<0.05	1.0	6.59	44.1	0.03	<1	1.0	18.3	<10	<2	
1267934	Soil	0.30	14.0	1.1	<0.05	1.5	7.61	25.3	0.03	<1	0.7	12.9	<10	<2	



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
1267935	Soil	1.90	20.61	284.3	437.2	188	31.4	12.5	2012	3.53	12.2	2.1	1.3	1.9	29.6	1.22	0.74	0.28	35	1.53
1267936	Soil	0.82	18.42	35.29	245.1	114	17.1	7.5	370	3.39	6.0	1.2	1.9	1.2	12.9	0.29	0.34	0.27	22	0.43
1267937	Soil	1.54	13.32	89.72	791.1	107	18.4	8.7	985	2.74	11.5	1.4	0.9	2.3	16.4	0.60	0.57	0.23	25	2.30
1267938	Soil	1.07	10.22	30.18	354.7	103	13.6	5.7	895	2.14	5.4	1.3	1.0	2.1	20.6	0.36	0.27	0.16	20	4.36
1267939	Soil	0.94	14.66	45.83	1266	78	18.6	9.4	937	2.35	3.9	1.2	1.2	3.0	17.9	1.31	0.19	0.23	20	1.06
1267940	Soil	0.83	10.77	22.81	68.2	140	16.5	5.7	235	1.86	6.1	1.4	0.4	2.7	22.7	0.25	0.25	0.16	20	3.94
1267941	Soil	1.08	17.67	30.11	173.1	123	21.3	9.2	574	2.27	6.3	1.4	0.9	2.1	17.5	0.66	0.36	0.19	23	0.79
1267942	Soil	1.60	21.33	38.18	157.4	66	26.2	12.7	991	3.34	11.3	1.3	1.0	3.2	15.3	0.41	0.29	0.33	32	0.33
1267943	Soil	0.64	34.48	32.46	84.0	39	27.7	17.2	1149	3.34	7.1	1.2	1.2	5.2	9.3	0.10	0.36	0.34	27	0.10
1267944	Soil	0.82	29.69	21.92	68.7	29	23.1	13.5	646	2.84	6.1	1.0	0.9	3.7	11.0	0.10	0.36	0.28	25	0.14
1267945	Soil	0.73	40.91	24.48	72.4	61	24.4	15.7	942	2.75	7.0	1.6	1.2	5.7	14.1	0.09	0.32	0.30	21	0.11
1267946	Soil	1.04	38.78	36.85	94.1	79	24.9	20.8	1543	3.98	11.9	2.2	0.9	2.8	19.8	0.11	0.33	0.56	32	0.30
1267947	Soil	0.87	59.16	62.77	99.1	68	34.4	23.8	2439	4.02	11.1	1.4	3.0	4.4	22.0	0.16	0.42	0.46	29	0.34
1267948	Soil	1.16	91.37	171.6	118.4	125	44.3	56.1	4903	5.09	43.2	1.3	2.2	4.3	14.5	0.20	0.47	0.81	28	0.16
1267949	Soil	1.58	162.3	86.42	99.7	57	38.2	28.2	8436	4.91	39.0	2.8	3.7	5.5	24.0	0.02	0.54	1.51	36	0.19
1267950	Soil	1.60	27.00	29.88	60.7	74	14.9	15.1	3655	3.43	14.1	1.5	1.3	0.5	9.4	0.17	0.79	0.37	59	0.14
1267241	Soil	0.72	45.25	78.18	551.9	186	29.9	31.3	1219	6.42	21.7	0.7	1.4	2.9	32.9	1.49	1.05	0.30	34	0.75
1267242	Soil	0.59	45.92	62.61	197.6	135	20.2	17.2	298	3.88	20.2	0.4	1.1	2.6	46.2	0.65	0.80	0.31	36	0.09
1267243	Soil	2.79	21.47	565.6	3938	688	14.9	8.8	2254	3.60	403.9	0.7	1.4	0.6	42.8	15.23	16.49	0.20	25	11.15
1267244	Soil	0.96	13.52	119.7	1658	624	14.0	8.0	3093	2.53	31.8	0.8	3.1	0.5	106.3	7.22	9.08	0.21	22	11.65
1267245	Soil	0.88	38.94	123.3	551.3	303	25.3	14.5	472	3.32	49.6	0.8	1.3	1.2	143.3	1.25	3.74	0.48	23	8.06
1267246	Soil	0.60	35.94	64.26	329.4	200	24.7	12.8	456	3.03	48.7	0.8	2.2	1.5	42.8	0.60	1.54	0.39	20	1.83
1267247	Soil	1.04	35.08	70.31	367.7	405	24.2	11.8	1107	2.89	54.6	0.8	1.9	1.3	34.6	1.26	6.76	0.31	21	5.75
1267248	Soil	0.72	17.47	53.13	242.3	517	11.5	6.2	2933	2.82	36.0	1.3	1.5	0.5	36.4	1.37	8.14	0.17	23	9.08
1267249	Soil	0.89	15.98	81.38	330.5	502	13.9	7.2	1964	2.51	25.4	0.9	1.6	0.8	52.8	1.97	7.34	0.15	19	9.17
1267250	Soil	1.07	24.70	31.10	129.9	135	30.3	13.4	580	4.00	11.3	1.3	1.1	1.9	42.1	0.39	0.78	0.30	44	0.54
1267978	Soil	0.66	28.94	25.39	90.0	97	28.9	13.0	364	3.93	12.6	0.7	1.4	3.4	15.9	0.19	0.71	0.61	25	0.21
1267979	Soil	0.77	25.65	24.27	77.9	33	23.4	10.8	297	3.78	11.9	0.6	1.1	1.5	8.5	0.16	0.64	0.35	29	0.04
1267980	Soil	0.92	27.44	24.30	75.4	54	22.9	10.1	341	3.88	7.2	0.5	0.3	2.3	9.3	0.09	0.47	0.43	32	0.07
1267981	Soil	0.55	31.11	25.62	72.9	112	26.2	12.7	559	3.84	9.0	1.0	1.2	4.2	67.8	0.13	0.37	0.37	22	0.76



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.02
1267935	Soil	23.9	27.4	0.81	129.6	0.006	5	1.63	0.004	0.15	<0.1	3.2	0.52	0.06	74	0.3	0.05	3.6	1.89	<0.1
1267936	Soil	7.0	15.6	0.23	119.0	0.003	3	0.98	0.003	0.12	<0.1	1.6	0.31	0.08	38	0.3	0.03	2.7	1.46	<0.1
1267937	Soil	13.2	20.1	1.42	84.0	0.003	3	1.11	0.004	0.10	<0.1	2.5	1.41	0.04	30	0.2	0.05	3.0	0.76	<0.1
1267938	Soil	9.9	16.9	2.60	63.8	0.004	3	0.98	0.004	0.10	<0.1	2.3	0.39	0.03	34	0.3	<0.02	2.6	0.71	<0.1
1267939	Soil	11.6	20.6	0.74	109.6	0.004	5	1.19	0.005	0.15	<0.1	2.6	1.27	0.04	45	0.4	0.03	3.4	0.95	<0.1
1267940	Soil	17.2	18.6	2.30	62.5	0.002	5	1.01	0.004	0.15	<0.1	3.0	0.15	0.02	45	0.2	0.02	2.3	0.87	<0.1
1267941	Soil	22.2	19.6	0.39	83.8	0.002	5	1.14	0.002	0.17	<0.1	2.7	0.17	0.06	46	0.1	0.03	2.8	0.93	<0.1
1267942	Soil	8.8	28.9	0.43	173.7	0.002	4	1.62	0.003	0.25	<0.1	3.7	0.22	0.04	25	0.3	0.04	4.4	2.41	<0.1
1267943	Soil	15.6	27.1	0.54	178.2	0.004	5	1.67	0.003	0.22	<0.1	3.9	0.17	<0.02	23	0.1	0.02	4.8	2.27	<0.1
1267944	Soil	15.5	23.4	0.41	156.6	0.004	5	1.39	0.003	0.21	<0.1	2.4	0.16	<0.02	7	0.1	0.04	4.0	2.59	<0.1
1267945	Soil	17.9	20.1	0.38	137.5	0.004	3	1.15	0.003	0.18	<0.1	3.5	0.12	<0.02	13	<0.1	0.02	3.4	2.01	<0.1
1267946	Soil	6.8	30.5	0.45	178.0	0.002	2	1.92	0.005	0.17	<0.1	3.8	0.19	0.04	32	0.2	0.04	6.4	4.10	<0.1
1267947	Soil	10.2	28.9	0.57	222.7	0.004	5	1.71	0.005	0.19	<0.1	4.9	0.20	0.02	28	0.2	0.05	5.1	4.25	<0.1
1267948	Soil	6.3	31.8	0.82	245.7	0.002	3	2.28	0.004	0.15	<0.1	6.9	0.28	<0.02	49	0.1	0.05	7.1	5.61	<0.1
1267949	Soil	5.6	33.9	0.66	717.7	0.005	2	2.00	0.005	0.13	0.2	6.4	0.13	0.03	30	<0.1	0.07	5.9	2.81	<0.1
1267950	Soil	9.2	26.9	0.19	214.9	0.008	1	1.43	0.002	0.08	<0.1	1.1	0.15	0.07	60	0.4	0.08	6.2	4.22	<0.1
1267241	Soil	4.8	24.9	0.19	101.8	0.001	2	1.45	0.002	0.09	<0.1	6.4	0.19	0.04	1848	0.4	0.02	4.9	4.40	<0.1
1267242	Soil	5.3	24.2	0.09	88.3	0.001	1	0.86	0.002	0.11	<0.1	4.6	0.22	<0.02	248	0.3	0.03	3.5	7.44	<0.1
1267243	Soil	5.9	10.6	6.01	116.7	0.002	4	0.55	0.013	0.04	0.1	1.9	0.59	0.04	637	0.9	<0.02	2.6	1.11	<0.1
1267244	Soil	8.9	12.9	5.90	154.6	0.006	4	0.69	0.009	0.04	<0.1	1.6	0.60	0.04	2932	0.6	0.03	1.7	0.86	<0.1
1267245	Soil	11.7	14.7	0.28	109.5	0.003	4	0.74	0.005	0.10	0.1	3.0	0.46	0.06	156	0.7	0.06	2.0	1.16	<0.1
1267246	Soil	12.5	13.0	0.39	111.7	0.002	3	0.71	0.003	0.10	<0.1	2.9	0.73	0.09	324	0.8	0.07	2.0	2.72	<0.1
1267247	Soil	10.5	12.5	3.19	111.8	0.003	4	0.69	0.006	0.08	<0.1	2.5	0.72	0.05	395	0.8	0.05	2.0	2.62	<0.1
1267248	Soil	6.3	12.1	4.85	375.7	0.004	2	0.82	0.011	0.05	0.1	1.1	0.31	0.06	415	0.8	<0.02	1.9	0.95	<0.1
1267249	Soil	6.5	10.5	4.61	202.9	0.003	3	0.66	0.011	0.07	0.1	1.5	0.23	0.05	333	0.6	0.04	1.6	0.66	<0.1
1267250	Soil	15.2	29.9	0.44	169.6	0.009	1	1.80	0.005	0.08	0.1	3.1	0.15	0.04	76	0.4	0.04	4.6	1.76	<0.1
1267978	Soil	7.3	21.5	0.28	86.2	0.004	2	1.04	0.002	0.10	0.1	2.9	0.07	<0.02	35	0.2	<0.02	3.3	14.00	<0.1
1267979	Soil	6.3	21.2	0.23	43.4	0.004	1	1.13	<0.001	0.07	<0.1	1.7	0.10	<0.02	27	0.3	0.05	3.5	1.92	<0.1
1267980	Soil	6.8	27.4	0.29	66.9	0.006	2	1.30	<0.001	0.09	<0.1	2.2	0.10	<0.02	36	0.3	0.05	5.3	3.69	<0.1
1267981	Soil	9.6	19.0	0.21	160.7	0.002	2	1.19	0.001	0.09	<0.1	5.3	0.10	0.04	57	0.2	0.05	3.6	2.34	<0.1



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Zn
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01
1267935	Soil	0.27	13.0	1.4	<0.05	1.2	20.89	52.7	0.04	<1	1.3	17.3	<10	<2	
1267936	Soil	0.35	14.4	0.9	<0.05	1.3	7.23	14.6	0.04	1	0.7	8.1	<10	<2	
1267937	Soil	0.32	9.5	1.1	<0.05	1.6	11.64	24.6	0.02	<1	0.8	15.3	<10	<2	
1267938	Soil	0.25	9.7	1.1	<0.05	1.8	8.89	16.4	<0.02	1	0.6	12.6	<10	<2	
1267939	Soil	0.33	14.1	1.4	<0.05	2.1	8.58	26.0	0.03	2	0.7	17.3	<10	<2	
1267940	Soil	0.18	10.2	0.8	<0.05	1.9	15.47	29.1	0.03	<1	0.7	11.7	<10	<2	
1267941	Soil	0.29	12.1	0.9	<0.05	2.5	17.76	39.6	0.02	<1	1.0	13.6	<10	<2	
1267942	Soil	0.31	20.6	1.5	<0.05	3.8	7.77	25.1	0.04	<1	1.2	25.0	<10	<2	
1267943	Soil	0.24	18.3	1.6	<0.05	2.5	8.89	43.7	0.03	<1	1.1	30.9	<10	<2	
1267944	Soil	0.22	18.7	1.0	<0.05	1.3	6.47	42.8	0.03	<1	1.2	23.4	<10	<2	
1267945	Soil	0.11	14.0	0.7	<0.05	3.1	15.63	43.6	<0.02	<1	1.3	21.7	<10	<2	
1267946	Soil	0.35	19.9	1.2	<0.05	2.1	10.11	15.2	0.05	<1	1.5	35.8	<10	<2	
1267947	Soil	0.29	17.0	3.5	<0.05	2.6	15.93	28.6	0.04	<1	1.8	35.2	<10	<2	
1267948	Soil	0.08	14.8	1.7	<0.05	3.4	12.57	21.2	0.05	<1	2.0	63.6	<10	<2	
1267949	Soil	0.12	11.1	2.2	<0.05	2.7	11.30	29.7	0.06	<1	2.0	50.2	<10	<2	
1267950	Soil	0.32	14.4	1.6	<0.05	0.4	4.60	21.7	0.04	<1	0.9	16.9	<10	<2	
1267241	Soil	0.28	10.6	2.6	<0.05	1.9	10.20	18.0	0.14	<1	1.0	19.0	<10	<2	
1267242	Soil	0.14	12.5	1.3	<0.05	1.0	5.93	12.0	0.03	<1	0.8	9.2	<10	<2	
1267243	Soil	0.10	4.0	3.6	<0.05	1.0	13.77	14.8	0.04	<1	0.7	4.5	15	<2	
1267244	Soil	0.18	5.1	0.5	<0.05	0.5	13.52	21.0	0.04	<1	0.5	5.3	<10	<2	
1267245	Soil	0.16	5.9	0.9	<0.05	1.4	15.30	25.7	0.05	1	0.8	7.0	<10	<2	
1267246	Soil	0.24	6.0	1.9	<0.05	2.2	16.41	24.5	0.04	<1	0.7	5.4	<10	<2	
1267247	Soil	0.19	5.7	0.9	<0.05	1.5	14.79	21.7	0.04	<1	0.7	5.7	<10	<2	
1267248	Soil	0.16	4.9	0.8	<0.05	0.8	14.66	16.0	0.05	<1	0.5	5.2	<10	<2	
1267249	Soil	0.12	4.2	0.8	<0.05	1.1	13.24	15.9	0.03	<1	0.5	5.3	<10	<2	
1267250	Soil	0.46	10.2	1.4	<0.05	0.7	11.13	40.3	0.04	<1	0.9	17.5	<10	<2	
1267978	Soil	0.21	20.9	1.5	<0.05	0.7	7.27	23.5	0.03	<1	0.9	27.4	<10	<2	
1267979	Soil	0.39	10.4	1.0	<0.05	0.3	2.72	16.5	0.04	<1	0.4	15.2	<10	<2	
1267980	Soil	0.39	16.0	2.1	<0.05	0.2	2.88	15.6	0.05	<1	0.9	25.0	<10	2	
1267981	Soil	0.24	11.3	0.8	<0.05	1.2	15.83	33.7	0.05	<1	1.1	24.1	<10	<2	



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CERTIFICATE OF ANALYSIS

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		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
																					0.001
1267982	Soil		0.83	22.00	23.29	59.0	93	20.4	9.5	263	3.31	19.9	0.7	<0.2	2.1	30.4	0.08	1.32	0.32	23	0.38
1267983	Soil		0.58	28.51	37.33	87.4	257	32.5	15.0	296	3.84	14.1	0.9	0.3	3.8	38.5	0.11	0.50	0.37	19	0.55
1267984	Soil		0.84	28.67	27.31	106.2	135	32.0	12.6	226	4.14	13.4	0.4	0.4	2.3	7.4	0.11	0.48	0.34	24	0.03
1267985	Soil		0.65	16.86	18.16	74.9	90	15.8	8.4	243	3.20	9.7	0.4	<0.2	2.5	5.9	0.16	0.47	0.29	25	0.04
1267986	Soil		0.57	25.18	30.95	88.4	109	30.0	15.3	645	3.53	18.2	0.6	1.5	4.4	23.7	0.15	0.76	0.35	23	0.68
1267987	Soil		0.48	20.12	25.06	82.2	112	25.3	10.2	345	3.39	16.1	0.6	2.1	4.8	18.9	0.06	0.74	0.29	21	0.35
1267988	Soil		0.46	22.50	26.47	103.8	92	23.9	11.0	401	3.06	10.0	0.6	1.4	2.7	93.9	0.20	0.58	0.29	16	1.48
1267989	Soil		0.48	26.79	26.99	92.8	140	26.5	10.5	401	3.19	14.4	0.8	0.6	2.3	62.0	0.21	0.83	0.30	21	1.45
1267990	Soil		0.46	23.59	22.95	94.8	108	25.3	10.4	383	2.78	11.3	0.7	2.7	3.8	57.5	0.16	0.72	0.24	22	0.66
1267991	Soil		1.47	19.14	25.03	58.4	40	14.8	19.9	1892	3.24	11.8	0.9	0.7	2.4	7.7	0.12	0.62	0.35	50	0.06
1267992	Soil		1.44	31.54	52.70	86.0	51	22.9	21.4	2253	3.91	18.2	0.9	0.3	3.6	7.9	0.12	0.55	0.46	40	0.06
1267993	Soil		1.43	18.09	25.34	62.0	13	18.1	17.9	1559	4.22	18.2	0.9	<0.2	3.7	4.6	0.07	0.56	0.41	41	0.03
1267994	Soil		1.83	26.14	18.18	84.4	12	17.5	15.7	2171	2.88	15.1	1.0	0.7	2.9	7.5	0.10	0.87	0.40	60	0.06
1267995	Soil		1.40	40.63	24.16	67.3	9	20.6	13.8	884	3.69	18.3	1.2	4.9	1.6	7.9	0.10	0.69	0.53	49	0.05
1267996	Soil		3.04	64.80	43.15	110.2	31	32.0	32.6	3690	5.43	35.4	1.3	0.2	6.6	6.8	0.09	0.64	0.63	42	0.04
1267997	Soil		1.11	42.95	25.80	72.5	26	22.4	34.8	2666	3.74	11.9	1.0	<0.2	3.3	6.4	0.08	0.36	0.56	35	0.03
1267998	Soil		1.23	26.61	26.82	74.9	66	16.5	22.2	2551	3.61	6.3	0.9	0.5	1.1	5.7	0.10	0.53	0.36	36	0.04
1267999	Soil		1.40	15.46	24.00	91.6	37	14.3	8.1	599	3.89	10.0	0.8	0.3	0.8	6.7	0.16	0.78	0.33	53	0.04
1268000	Soil		0.81	24.25	101.6	269.9	37	17.4	13.8	2103	2.98	23.3	0.7	<0.2	3.6	25.9	0.61	0.20	0.25	12	5.63
1267788	Soil		1.32	27.45	72.60	87.7	49	23.4	20.4	2066	5.05	15.8	1.0	<0.2	5.0	6.1	0.13	0.59	0.45	44	0.04
1267789	Soil		1.27	14.18	24.45	63.3	21	14.6	13.5	1155	3.43	7.2	0.8	<0.2	2.2	5.1	0.09	0.66	0.37	52	0.04



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.02
1267982	Soil	4.3	15.6	0.14	72.6	0.002	2	0.74	0.001	0.08	<0.1	2.7	0.09	0.02	643	0.2	0.06	2.6	2.09	<0.1
1267983	Soil	8.0	15.7	0.18	107.4	0.001	2	0.96	<0.001	0.11	<0.1	4.9	0.14	0.04	388	0.3	0.05	2.6	2.79	<0.1
1267984	Soil	3.5	16.3	0.18	90.1	0.001	1	1.43	<0.001	0.09	<0.1	2.3	0.09	<0.02	32	0.2	0.03	3.7	4.72	<0.1
1267985	Soil	5.8	16.4	0.19	66.9	0.002	2	1.06	<0.001	0.09	<0.1	1.6	0.08	<0.02	20	0.2	0.03	4.0	1.18	<0.1
1267986	Soil	8.8	22.5	0.48	88.4	0.002	2	1.52	0.001	0.14	<0.1	3.7	0.11	0.02	128	0.2	0.02	3.9	1.60	<0.1
1267987	Soil	10.7	20.8	0.38	80.7	0.003	2	1.38	0.002	0.08	<0.1	2.9	0.07	<0.02	115	0.2	0.02	3.7	0.92	<0.1
1267988	Soil	5.9	16.5	0.57	158.6	0.002	4	0.95	0.003	0.09	<0.1	2.4	0.07	0.05	120	0.6	0.04	2.8	1.02	<0.1
1267989	Soil	8.1	18.9	0.56	133.1	0.003	3	1.11	0.003	0.08	<0.1	3.0	0.09	0.05	282	0.7	0.03	3.3	0.95	<0.1
1267990	Soil	9.0	18.3	0.33	89.2	0.008	3	0.95	0.005	0.09	<0.1	2.8	0.07	0.03	208	0.4	<0.02	3.0	1.09	<0.1
1267991	Soil	9.4	30.2	0.26	76.2	0.014	1	1.67	0.001	0.08	0.2	2.1	0.14	<0.02	37	0.5	0.05	6.4	3.14	<0.1
1267992	Soil	6.9	33.4	0.41	67.5	0.010	1	1.81	0.001	0.09	0.1	2.6	0.11	0.03	54	0.4	0.06	6.0	2.98	<0.1
1267993	Soil	5.0	29.4	0.30	62.1	0.010	<1	1.36	0.001	0.09	0.2	2.3	0.07	0.02	32	0.3	0.05	6.1	4.00	<0.1
1267994	Soil	10.6	31.4	0.23	60.0	0.030	1	1.71	<0.001	0.09	0.2	2.1	0.13	<0.02	34	0.4	0.06	7.1	4.04	<0.1
1267995	Soil	8.6	33.0	0.38	79.0	0.014	1	1.62	0.001	0.10	0.2	1.9	0.11	<0.02	26	0.3	0.09	6.3	3.13	<0.1
1267996	Soil	5.9	38.6	0.57	106.8	0.008	2	2.42	<0.001	0.11	0.2	4.1	0.18	0.02	67	0.5	0.05	6.5	5.99	<0.1
1267997	Soil	6.4	29.8	0.28	95.0	0.004	<1	1.73	0.001	0.12	<0.1	2.7	0.12	0.02	36	0.4	0.06	7.4	4.55	<0.1
1267998	Soil	5.0	25.7	0.17	110.5	0.005	<1	1.25	0.001	0.13	0.1	1.9	0.12	0.04	60	0.3	0.06	5.1	4.65	<0.1
1267999	Soil	9.4	26.0	0.21	80.5	0.017	1	1.28	<0.001	0.10	0.1	1.2	0.12	0.05	30	0.4	0.06	6.7	3.04	<0.1
1268000	Soil	4.7	9.5	3.13	179.9	<0.001	3	0.42	0.007	0.14	<0.1	3.6	0.45	0.15	200	0.2	<0.02	1.3	1.50	<0.1
1267788	Soil	6.8	39.3	0.38	58.3	0.008	<1	1.99	0.003	0.10	0.1	3.1	0.10	0.03	36	0.6	0.04	8.3	3.22	<0.1
1267789	Soil	5.9	25.2	0.17	80.3	0.006	<1	1.35	0.002	0.12	0.1	1.5	0.11	<0.02	22	0.3	0.06	7.1	1.94	<0.1



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Zn
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01
1267982	Soil	0.26	11.2	0.9	<0.05	0.4	4.10	11.8	0.04	<1	0.7	13.6	<10	<2	
1267983	Soil	0.19	8.7	1.6	<0.05	1.8	16.06	20.5	0.04	<1	1.1	16.2	<10	<2	
1267984	Soil	0.28	11.6	0.9	<0.05	1.1	2.63	7.9	0.04	<1	1.0	31.5	<10	<2	
1267985	Soil	0.31	11.4	1.1	<0.05	0.5	2.23	12.7	0.03	<1	0.4	20.9	<10	<2	
1267986	Soil	0.27	11.7	1.0	<0.05	2.8	9.90	20.6	0.04	<1	0.9	27.2	<10	<2	
1267987	Soil	0.25	7.7	1.1	<0.05	2.0	8.45	22.3	0.03	1	0.7	24.0	<10	<2	
1267988	Soil	0.24	7.5	1.0	<0.05	1.5	6.50	14.9	0.03	1	0.7	23.1	<10	<2	
1267989	Soil	0.33	7.4	0.6	<0.05	1.3	9.78	18.3	0.04	<1	0.9	21.8	<10	<2	
1267990	Soil	0.38	7.4	0.7	<0.05	1.7	7.64	20.8	0.02	2	0.7	19.6	<10	<2	
1267991	Soil	0.67	16.4	0.9	<0.05	0.3	3.38	21.3	0.04	<1	0.6	12.4	<10	<2	
1267992	Soil	0.60	11.7	1.1	<0.05	0.6	4.00	17.4	0.03	<1	0.9	27.2	<10	<2	
1267993	Soil	0.63	12.3	1.7	<0.05	0.4	3.23	11.1	0.04	<1	0.6	13.2	<10	<2	
1267994	Soil	0.83	17.8	1.1	<0.05	0.5	2.74	22.7	0.04	<1	0.4	16.5	<10	<2	
1267995	Soil	0.53	13.8	2.4	<0.05	0.2	4.05	19.0	0.03	<1	0.8	17.7	<10	<2	
1267996	Soil	0.70	16.8	1.3	<0.05	2.7	5.53	15.5	0.09	<1	2.0	39.8	<10	<2	
1267997	Soil	0.50	20.0	2.0	<0.05	0.7	5.74	17.0	0.05	1	1.4	24.1	<10	<2	
1267998	Soil	0.38	19.6	1.0	<0.05	0.3	3.63	12.2	0.03	<1	1.1	11.0	<10	<2	
1267999	Soil	0.67	16.9	1.6	<0.05	2.9	2.88	20.6	0.03	<1	0.5	8.3	<10	<2	
1268000	Soil	0.06	8.4	0.7	<0.05	1.2	8.05	11.1	0.04	<1	0.6	2.9	<10	<2	
1267788	Soil	0.66	13.1	5.3	<0.05	1.3	4.59	17.5	0.06	<1	1.0	27.9	<10	<2	
1267789	Soil	0.65	20.3	1.0	<0.05	0.4	3.13	12.7	0.03	1	0.6	9.2	<10	<2	



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Part 1

QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
Pulp Duplicates																				
617738	Soil	0.27	28.73	13.42	95.3	34	26.7	9.0	195	2.51	4.6	1.7	7.1	4.0	18.6	0.27	0.20	0.22	29	0.48
REP 617738	QC	0.29	29.99	13.88	96.3	35	28.3	9.4	204	2.60	4.7	1.8	4.2	4.3	19.1	0.24	0.18	0.22	31	0.51
617746	Soil	0.79	25.82	43.77	91.6	111	21.2	9.7	444	3.17	14.2	0.8	<0.2	4.6	28.3	0.26	0.46	0.41	16	0.55
REP 617746	QC	0.78	25.32	44.10	90.8	103	21.0	9.8	447	3.18	14.4	0.8	0.8	4.4	28.3	0.22	0.47	0.40	17	0.56
1266556	Soil	1.35	13.55	25.12	58.4	25	15.3	8.4	386	4.10	18.5	0.9	1.4	0.9	6.2	0.10	0.77	0.57	53	0.04
REP 1266556	QC	1.39	13.04	23.97	55.2	26	15.0	8.3	379	3.99	18.3	0.9	2.0	0.9	6.2	0.09	0.78	0.52	52	0.03
1266571	Soil	0.90	14.46	87.02	134.7	53	14.9	7.2	519	3.04	19.5	0.8	<0.2	3.0	20.4	0.20	0.43	0.36	16	0.43
REP 1266571	QC	0.88	13.85	83.60	131.9	52	14.8	7.1	507	2.97	19.0	0.8	<0.2	2.9	19.3	0.19	0.41	0.35	15	0.39
1266590	Soil	0.96	30.51	43.54	146.7	132	25.4	14.3	498	3.27	17.9	0.9	1.2	0.8	36.3	0.48	1.61	0.30	33	1.38
REP 1266590	QC	0.87	28.89	41.74	140.2	132	24.4	13.3	472	3.17	17.0	0.8	<0.2	0.8	34.4	0.43	1.51	0.27	32	1.32
1266628	Soil	2.49	12.79	369.0	870.7	175	9.8	5.5	1085	1.93	14.5	1.5	0.5	1.1	82.4	3.65	1.27	0.13	7	9.70
REP 1266628	QC	2.66	13.95	383.4	918.9	199	10.7	5.9	1146	2.01	15.5	1.6	0.4	1.3	82.3	3.97	1.30	0.12	8	9.88
1266657	Soil	3.49	13.88	127.3	26.1	38	5.9	4.3	70	2.34	14.2	0.2	1.4	3.8	25.5	0.01	0.71	0.60	6	0.09
REP 1266657	QC	3.58	14.51	132.5	26.6	45	6.4	4.6	72	2.43	14.9	0.2	1.2	3.9	26.9	0.02	0.74	0.64	6	0.09
1266670	Soil	1.41	15.64	716.0	2292	129	14.4	6.9	2518	19.12	12.1	3.0	1.6	3.4	7.4	5.05	0.34	0.21	23	0.37
REP 1266670	QC	1.41	16.22	745.0	2385	130	15.1	7.1	2635	19.88	12.2	3.1	1.6	3.5	7.9	5.36	0.34	0.21	23	0.38
1266679	Soil	0.31	23.52	13.75	91.0	32	27.2	10.2	234	2.74	2.4	1.1	1.7	5.0	17.2	0.17	0.17	0.19	58	0.29
REP 1266679	QC	0.34	23.43	14.10	90.4	26	28.2	10.3	236	2.77	2.6	1.1	1.0	4.8	17.7	0.18	0.16	0.19	57	0.29
1267206	Soil	0.84	8.11	156.5	440.7	74	9.8	4.7	1492	1.47	6.3	1.1	2.2	0.4	36.3	0.69	0.53	0.32	23	7.91
REP 1267206	QC	0.81	7.85	146.3	432.8	65	9.8	4.5	1430	1.42	6.3	1.0	2.7	0.3	34.4	0.65	0.48	0.26	22	7.49
1267238	Soil	1.45	33.00	17.17	62.9	249	22.8	9.7	304	2.74	6.0	1.0	1.3	3.0	21.7	0.18	0.44	0.27	26	0.86
REP 1267238	QC	1.42	33.13	17.09	63.3	252	23.3	9.7	306	2.74	5.6	1.1	1.3	3.0	21.9	0.19	0.43	0.26	26	0.86
1267262	Soil	0.90	9.03	24.59	53.6	9	11.6	11.1	600	3.09	6.1	0.6	1.2	4.5	7.4	0.10	0.37	0.37	44	0.05
REP 1267262	QC	0.87	8.94	23.94	51.6	9	11.1	10.5	592	3.02	6.0	0.6	1.3	4.4	7.4	0.11	0.38	0.34	44	0.05
1267279	Soil	1.30	20.16	83.41	369.8	228	19.9	7.9	798	3.29	7.3	2.3	2.3	1.3	24.7	1.14	0.44	0.27	39	0.86
REP 1267279	QC	1.28	19.56	77.96	340.8	225	18.7	7.7	786	3.20	7.0	2.2	1.8	1.3	23.4	1.09	0.42	0.25	38	0.81
1267931	Soil	0.97	16.57	34.23	128.0	75	20.6	8.6	605	3.01	8.3	1.8	2.7	1.8	11.9	0.22	0.52	0.21	37	0.26
REP 1267931	QC	1.01	16.25	34.35	125.3	79	20.2	8.6	595	2.96	8.3	1.8	3.3	2.2	11.9	0.22	0.50	0.21	36	0.26



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Part 2

QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Pulp Duplicates																					
617738	Soil	29.0	43.7	2.04	104.2	0.007	4	1.95	<0.001	0.10	<0.1	4.2	0.08	0.04	16	0.5	<0.02	6.4	0.84	<0.1	0.12
REP 617738	QC	29.9	45.8	2.14	111.5	0.007	4	2.05	0.001	0.10	<0.1	4.4	0.09	0.04	21	0.6	0.03	6.5	0.75	<0.1	0.14
617746	Soil	8.0	15.4	0.33	116.8	0.004	4	0.86	0.019	0.14	<0.1	3.0	0.13	0.18	74	0.4	0.07	2.7	1.42	<0.1	0.08
REP 617746	QC	8.1	15.8	0.33	118.1	0.003	3	0.85	0.019	0.14	<0.1	3.0	0.14	0.18	97	0.4	0.08	2.9	1.43	<0.1	0.07
1266556	Soil	7.4	32.1	0.25	85.5	0.012	2	1.34	0.004	0.08	0.2	1.4	0.17	0.03	27	0.3	0.06	7.3	2.62	<0.1	<0.02
REP 1266556	QC	7.4	31.2	0.25	83.6	0.012	2	1.34	0.003	0.08	0.2	1.4	0.16	0.03	19	0.2	0.07	6.9	2.65	<0.1	<0.02
1266571	Soil	6.1	11.5	0.31	133.6	0.003	3	0.76	0.004	0.16	<0.1	3.8	0.22	0.13	20	<0.1	0.04	2.1	1.58	<0.1	0.03
REP 1266571	QC	5.8	11.0	0.30	131.8	0.002	3	0.72	0.004	0.15	<0.1	3.5	0.20	0.12	13	<0.1	0.03	1.9	1.44	<0.1	0.02
1266590	Soil	10.3	22.8	0.35	113.2	0.008	2	1.22	0.004	0.06	0.1	2.7	0.20	0.07	118	0.6	0.09	3.2	2.81	<0.1	0.05
REP 1266590	QC	9.9	22.4	0.32	106.9	0.008	2	1.19	0.004	0.06	0.1	2.5	0.19	0.07	114	0.6	0.06	3.1	2.76	<0.1	0.04
1266628	Soil	3.9	6.5	7.02	41.0	0.001	3	0.28	0.009	0.09	<0.1	1.3	0.54	0.07	1159	0.3	<0.02	0.9	1.53	<0.1	<0.02
REP 1266628	QC	4.2	6.7	7.27	43.6	<0.001	3	0.28	0.010	0.08	<0.1	1.3	0.57	0.07	1180	0.2	<0.02	1.0	1.39	<0.1	0.02
1266657	Soil	6.1	5.5	0.04	81.1	<0.001	<1	0.39	0.005	0.09	<0.1	2.0	0.22	0.05	50	<0.1	0.05	1.8	1.36	<0.1	<0.02
REP 1266657	QC	6.3	5.8	0.05	86.2	<0.001	1	0.42	0.006	0.10	<0.1	2.2	0.21	0.06	62	<0.1	0.06	1.8	1.34	<0.1	<0.02
1266670	Soil	12.6	17.0	0.27	110.6	0.003	2	0.94	0.002	0.06	<0.1	3.5	7.73	0.07	379	0.5	0.05	2.8	0.86	0.1	0.06
REP 1266670	QC	13.4	16.8	0.27	116.8	0.004	2	0.99	0.002	0.06	<0.1	3.6	8.09	0.07	409	0.4	0.06	2.8	0.94	0.1	0.07
1266679	Soil	18.3	47.8	1.86	128.5	0.005	2	2.92	<0.001	0.07	<0.1	2.9	0.16	<0.02	11	0.1	<0.02	8.6	1.69	<0.1	0.10
REP 1266679	QC	18.7	48.8	1.87	130.2	0.005	2	2.90	<0.001	0.07	<0.1	2.9	0.15	<0.02	17	<0.1	0.02	8.5	1.53	<0.1	0.12
1267206	Soil	7.7	14.6	4.28	94.7	0.006	4	0.96	0.007	0.06	<0.1	0.8	0.30	0.06	46	0.5	<0.02	2.1	0.65	<0.1	0.02
REP 1267206	QC	7.2	14.4	4.01	92.2	0.006	5	0.95	0.007	0.06	<0.1	0.7	0.31	0.06	57	0.4	<0.02	2.1	0.62	<0.1	<0.02
1267238	Soil	3.9	16.6	0.27	145.7	<0.001	2	1.13	0.003	0.12	<0.1	4.6	0.21	0.07	81	0.5	0.04	3.4	1.40	<0.1	0.12
REP 1267238	QC	4.0	17.0	0.28	144.5	<0.001	2	1.16	0.003	0.13	<0.1	4.8	0.21	0.07	87	0.4	0.06	3.5	1.61	<0.1	0.12
1267262	Soil	9.7	21.5	0.21	115.5	0.008	<1	1.45	0.002	0.08	0.1	2.2	0.18	<0.02	<5	<0.1	0.04	6.8	1.62	<0.1	0.02
REP 1267262	QC	9.6	21.4	0.20	110.8	0.008	<1	1.44	0.002	0.09	0.1	2.2	0.18	<0.02	9	<0.1	0.03	6.3	1.63	<0.1	<0.02
1267279	Soil	12.4	25.0	0.44	172.1	0.008	1	1.64	0.004	0.07	0.1	2.7	0.40	0.07	90	0.6	0.04	4.8	1.52	<0.1	0.03
REP 1267279	QC	11.8	23.8	0.43	168.3	0.007	1	1.60	0.004	0.08	<0.1	2.6	0.34	0.06	79	0.5	0.03	4.5	1.34	<0.1	0.04
1267931	Soil	32.5	31.7	0.64	112.5	0.004	2	1.68	0.001	0.12	<0.1	2.4	0.22	0.04	45	0.3	0.04	4.3	1.19	<0.1	0.03
REP 1267931	QC	31.8	30.9	0.64	111.2	0.004	2	1.66	0.001	0.12	<0.1	2.6	0.22	0.04	40	0.2	0.02	4.4	1.08	<0.1	0.04



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Part 3

QUALITY CONTROL REPORT

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Method Analyte Unit MDL		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates														
617738	Soil	0.32	9.7	0.4	<0.05	5.0	16.23	52.8	0.03	<1	1.3	47.3	<10	<2
REP 617738	QC	0.31	9.7	0.4	<0.05	5.0	16.75	55.0	0.02	<1	1.2	48.9	<10	<2
617746	Soil	0.18	7.8	0.4	<0.05	2.8	10.58	20.8	0.03	<1	0.8	11.7	<10	<2
REP 617746	QC	0.19	7.7	0.5	<0.05	2.5	10.31	20.6	0.03	<1	0.7	12.0	<10	<2
1266556	Soil	0.63	13.1	2.5	<0.05	0.2	3.21	16.0	0.02	<1	0.4	9.6	<10	<2
REP 1266556	QC	0.61	12.8	2.3	<0.05	0.4	3.16	16.0	0.03	<1	0.4	9.7	<10	<2
1266571	Soil	0.15	9.9	0.8	<0.05	0.9	7.44	14.5	0.03	<1	0.7	9.7	<10	<2
REP 1266571	QC	0.15	9.0	0.8	<0.05	0.9	7.20	13.5	0.03	<1	0.7	9.6	<10	<2
1266590	Soil	0.52	8.6	0.6	<0.05	1.1	10.40	20.8	0.04	<1	0.9	12.2	<10	<2
REP 1266590	QC	0.51	8.4	0.6	<0.05	1.0	10.16	20.7	0.04	<1	0.8	11.2	<10	<2
1266628	Soil	0.08	5.3	2.8	<0.05	0.6	4.52	7.8	<0.02	<1	0.5	3.4	<10	<2
REP 1266628	QC	0.08	5.1	2.6	<0.05	0.8	4.90	7.9	<0.02	<1	0.6	3.4	<10	<2
1266657	Soil	<0.02	7.2	1.5	<0.05	0.9	3.33	12.5	0.05	<1	0.3	3.2	<10	<2
REP 1266657	QC	<0.02	7.2	1.8	<0.05	0.9	3.43	12.9	0.04	<1	0.3	3.3	<10	<2
1266670	Soil	0.32	7.7	1.3	<0.05	1.8	13.38	20.8	0.03	<1	0.7	6.6	<10	<2
REP 1266670	QC	0.36	8.2	1.2	<0.05	2.0	14.41	22.2	<0.02	<1	0.7	6.4	<10	<2
1266679	Soil	0.36	15.8	1.7	<0.05	5.4	3.73	38.2	0.04	<1	0.9	53.7	<10	<2
REP 1266679	QC	0.35	14.7	1.8	<0.05	5.4	3.83	38.6	0.03	<1	1.0	52.1	<10	<2
1267206	Soil	0.21	6.7	0.6	<0.05	0.6	6.70	16.2	<0.02	1	0.5	6.9	<10	<2
REP 1267206	QC	0.22	6.4	0.6	<0.05	0.8	6.37	14.9	<0.02	2	0.5	6.8	<10	<2
1267238	Soil	0.22	8.6	1.2	<0.05	3.6	9.38	8.7	0.04	1	0.8	12.1	<10	<2
REP 1267238	QC	0.19	9.4	1.4	<0.05	3.6	9.34	9.0	0.04	<1	0.8	12.7	<10	<2
1267262	Soil	0.63	18.8	1.0	<0.05	1.4	3.41	19.1	0.02	<1	0.4	13.1	<10	<2
REP 1267262	QC	0.62	18.9	1.1	<0.05	1.4	3.51	18.9	0.03	<1	0.5	12.3	<10	<2
1267279	Soil	0.52	12.9	1.4	<0.05	1.1	10.40	22.5	0.04	<1	0.8	17.7	<10	<2
REP 1267279	QC	0.50	11.9	1.2	<0.05	1.1	9.93	20.7	0.04	<1	0.8	16.0	<10	<2
1267931	Soil	0.35	13.4	1.1	<0.05	1.5	16.39	63.8	0.04	<1	1.0	27.4	<10	<2
REP 1267931	QC	0.34	12.8	1.3	<0.05	1.4	16.22	62.5	0.04	<1	1.1	27.2	<10	<2



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Part 1

QUALITY CONTROL REPORT

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		1F15 Mo ppm 0.01	1F15 Cu ppm 0.01	1F15 Pb ppm 0.01	1F15 Zn ppm 0.1	1F15 Ag ppb 2	1F15 Ni ppm 0.1	1F15 Co ppm 0.1	1F15 Mn ppm 1	1F15 Fe % 0.01	1F15 As ppm 0.1	1F15 U ppm 0.1	1F15 Au ppb 0.2	1F15 Th ppm 0.1	1F15 Sr ppm 0.5	1F15 Cd ppm 0.01	1F15 Sb ppm 0.02	1F15 Bi ppm 0.02	1F15 V ppm 2	1F15 Ca % 0.01	1F15 P % 0.001
1267243	Soil	2.79	21.47	565.6	3938	688	14.9	8.8	2254	3.60	403.9	0.7	1.4	0.6	42.8	15.23	16.49	0.20	25	11.15	0.094
REP 1267243	QC	2.84	21.84	566.0	3995	673	14.9	9.4	2291	3.65	413.1	0.7	1.5	0.6	45.5	15.42	17.05	0.10	25	11.22	0.096
1267249	Soil	0.89	15.98	81.38	330.5	502	13.9	7.2	1964	2.51	25.4	0.9	1.6	0.8	52.8	1.97	7.34	0.15	19	9.17	0.110
REP 1267249	QC	0.92	16.66	85.72	343.4	536	14.2	7.4	2017	2.55	26.3	1.0	0.6	0.8	53.3	2.10	7.81	0.15	20	9.51	0.115
1267996	Soil	3.04	64.80	43.15	110.2	31	32.0	32.6	3690	5.43	35.4	1.3	0.2	6.6	6.8	0.09	0.64	0.63	42	0.04	0.056
REP 1267996	QC	2.87	63.15	41.72	108.0	24	31.4	31.0	3659	5.27	34.6	1.2	0.3	6.3	6.7	0.10	0.64	0.61	41	0.03	0.055
Reference Materials																					
STD DS8	Standard	13.26	108.1	125.5	309.2	1701	37.1	7.3	613	2.48	23.5	2.9	110.7	7.0	66.4	2.21	5.32	6.23	41	0.74	0.078
STD DS8	Standard	13.34	111.5	125.7	306.5	1763	37.6	7.2	613	2.48	23.4	2.9	104.6	7.1	65.4	2.27	5.35	6.56	43	0.75	0.079
STD DS8	Standard	13.47	105.3	126.0	314.3	1858	36.2	7.2	627	2.51	26.2	2.8	130.3	6.5	73.8	2.44	5.66	6.81	42	0.76	0.084
STD DS8	Standard	13.01	105.3	126.9	321.1	1861	36.7	7.4	613	2.54	27.2	2.7	120.1	6.3	72.1	2.43	6.07	7.01	43	0.75	0.086
STD DS8	Standard	13.38	109.7	121.5	300.8	1747	38.8	7.7	622	2.50	25.4	2.7	119.1	6.7	61.4	2.31	4.86	6.52	41	0.73	0.078
STD DS8	Standard	12.79	107.5	120.9	298.9	1791	36.4	7.1	585	2.40	24.2	2.8	115.5	6.9	62.6	2.22	5.46	6.43	40	0.69	0.076
STD DS8	Standard	13.81	111.0	126.7	301.2	1755	38.2	7.3	611	2.45	24.0	3.0	118.1	7.4	69.3	2.31	5.36	6.39	42	0.75	0.079
STD DS8	Standard	13.29	108.5	123.7	305.0	1730	37.1	7.3	614	2.49	24.5	2.8	108.3	7.0	66.0	2.29	5.52	6.31	41	0.71	0.080
STD DS8	Standard	13.36	108.7	125.5	308.8	1799	37.2	7.4	617	2.52	24.3	2.8	110.4	7.2	67.8	2.30	5.45	6.67	42	0.72	0.081
STD DS8	Standard	13.67	104.1	118.5	295.7	1764	36.5	7.2	597	2.40	24.8	2.8	112.9	6.8	71.7	2.24	5.79	6.59	41	0.75	0.079
STD DS8	Standard	13.92	108.8	122.8	299.2	1838	37.9	7.6	635	2.52	25.5	2.7	123.3	7.0	72.0	2.36	5.69	6.67	43	0.75	0.082
STD DS8	Standard	13.54	109.6	121.6	319.4	1793	39.3	8.3	610	2.55	24.5	2.7	109.8	6.2	60.3	2.30	5.35	6.49	42	0.70	0.082
STD OREAS131B	Standard																				
STD SU-1B	Standard																				
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD DS8 Expected																					
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001



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Part 2

QUALITY CONTROL REPORT

WHI11001354.1

		1F15 La ppm 0.5	1F15 Cr ppm 0.5	1F15 Mg % 0.01	1F15 Ba ppm 0.5	1F15 Ti % 0.001	1F15 B ppm 1	1F15 Al % 0.01	1F15 Na % 0.001	1F15 K % 0.01	1F15 W ppm 0.1	1F15 Sc ppm 0.1	1F15 Ti ppm 0.02	1F15 S % 0.02	1F15 Hg ppb 5	1F15 Se ppm 0.1	1F15 Te ppm 0.02	1F15 Ga ppm 0.1	1F15 Cs ppm 0.02	1F15 Ge ppm 0.1	1F15 Hf ppm 0.02
1267243	Soil	5.9	10.6	6.01	116.7	0.002	4	0.55	0.013	0.04	0.1	1.9	0.59	0.04	637	0.9	<0.02	2.6	1.11	<0.1	0.03
REP 1267243	QC	6.2	10.9	5.75	118.9	0.003	4	0.57	0.013	0.05	0.2	1.8	0.66	0.04	647	0.8	0.03	2.7	1.26	<0.1	0.03
1267249	Soil	6.5	10.5	4.61	202.9	0.003	3	0.66	0.011	0.07	0.1	1.5	0.23	0.05	333	0.6	0.04	1.6	0.66	<0.1	0.04
REP 1267249	QC	6.7	10.8	4.62	207.4	0.004	4	0.65	0.012	0.07	0.1	1.4	0.24	0.05	336	0.6	<0.02	1.5	0.67	<0.1	0.04
1267996	Soil	5.9	38.6	0.57	106.8	0.008	2	2.42	<0.001	0.11	0.2	4.1	0.18	0.02	67	0.5	0.05	6.5	5.99	<0.1	0.07
REP 1267996	QC	5.8	36.9	0.49	102.1	0.009	2	2.49	<0.001	0.11	0.2	4.0	0.18	0.02	58	0.6	0.05	6.2	5.78	<0.1	0.07
Reference Materials																					
STD DS8	Standard	15.8	122.7	0.62	267.5	0.114	2	1.02	0.121	0.44	2.8	2.2	5.56	0.16	195	5.2	5.17	5.0	2.50	<0.1	0.08
STD DS8	Standard	14.6	123.0	0.64	258.9	0.112	3	1.04	0.114	0.45	2.8	2.4	5.52	0.17	193	5.3	5.14	4.8	2.50	<0.1	0.08
STD DS8	Standard	17.0	124.0	0.63	292.6	0.107	2	1.03	0.115	0.44	2.7	2.3	5.53	0.16	209	5.1	5.14	4.9	2.49	<0.1	0.07
STD DS8	Standard	15.9	124.1	0.63	302.4	0.107	3	1.01	0.110	0.45	3.0	2.2	5.53	0.16	207	4.9	4.96	4.7	2.43	<0.1	0.07
STD DS8	Standard	15.3	121.3	0.61	263.2	0.112	3	0.99	0.112	0.44	2.8	2.2	5.36	0.16	204	5.0	4.92	4.8	2.42	<0.1	0.10
STD DS8	Standard	15.4	116.8	0.60	265.4	0.110	3	0.99	0.100	0.42	2.8	2.1	5.32	0.15	188	4.9	5.01	4.5	2.34	<0.1	0.09
STD DS8	Standard	17.5	120.5	0.63	279.4	0.118	2	0.98	0.098	0.42	2.8	2.5	5.43	0.17	230	5.0	5.05	4.6	2.46	<0.1	0.07
STD DS8	Standard	15.0	119.3	0.61	274.9	0.114	2	0.94	0.093	0.41	4.0	2.1	5.46	0.16	194	5.5	5.06	4.8	2.49	<0.1	0.07
STD DS8	Standard	16.7	122.6	0.63	269.8	0.112	3	0.94	0.093	0.42	2.7	2.4	5.52	0.17	186	5.3	5.23	4.7	2.52	<0.1	0.07
STD DS8	Standard	17.4	118.7	0.61	290.7	0.121	3	1.00	0.112	0.43	2.8	2.4	5.36	0.15	166	4.8	4.71	4.8	2.35	0.1	0.06
STD DS8	Standard	17.3	126.9	0.63	291.7	0.120	4	1.01	0.117	0.45	3.2	2.5	5.62	0.16	212	5.1	5.12	4.9	2.49	0.1	0.10
STD DS8	Standard	15.1	120.0	0.62	249.4	0.113	2	0.91	0.089	0.42	2.7	2.3	5.33	0.16	198	4.9	4.92	4.6	2.47	<0.1	0.08
STD OREAS131B	Standard																				
STD SU-1B	Standard																				
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD DS8 Expected																					
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02



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Part 3

QUALITY CONTROL REPORT

WHI11001354.1

		1F15 Nb ppm 0.02	1F15 Rb ppm 0.1	1F15 Sn ppm 0.1	1F15 Ta ppm 0.05	1F15 Zr ppm 0.1	1F15 Y ppm 0.01	1F15 Ce ppm 0.1	1F15 In ppm 0.02	1F15 Re ppb 1	1F15 Be ppm 0.1	1F15 Li ppm 0.1	1F15 Pd ppb 10	1F15 Pt ppb 2	7TD Zn %
1267243	Soil	0.10	4.0	3.6	<0.05	1.0	13.77	14.8	0.04	<1	0.7	4.5	15	<2	
REP 1267243	QC	0.09	4.4	3.7	<0.05	0.9	13.68	14.9	0.04	<1	0.7	4.7	<10	<2	
1267249	Soil	0.12	4.2	0.8	<0.05	1.1	13.24	15.9	0.03	<1	0.5	5.3	<10	<2	
REP 1267249	QC	0.12	4.2	0.7	<0.05	1.2	13.88	16.5	0.04	<1	0.6	5.6	<10	<2	
1267996	Soil	0.70	16.8	1.3	<0.05	2.7	5.53	15.5	0.09	<1	2.0	39.8	<10	<2	
REP 1267996	QC	0.69	16.1	1.4	<0.05	2.6	5.41	15.2	0.07	<1	1.8	38.2	<10	<2	
Reference Materials															
STD DS8	Standard	1.27	38.2	6.4	<0.05	1.5	6.09	30.2	2.22	57	5.2	27.3	106	353	
STD DS8	Standard	1.31	38.8	6.5	<0.05	1.7	5.67	27.9	2.31	66	5.1	27.0	103	341	
STD DS8	Standard	1.43	38.8	7.2	<0.05	1.6	6.21	31.1	2.26	62	4.5	28.4	101	360	
STD DS8	Standard	1.32	38.8	7.1	<0.05	1.5	5.99	30.3	2.20	62	4.7	28.9	108	360	
STD DS8	Standard	1.38	37.9	6.6	<0.05	2.1	5.72	27.7	2.19	60	5.1	25.3	139	346	
STD DS8	Standard	1.33	37.6	6.6	<0.05	1.9	5.85	27.0	2.12	52	5.2	25.3	100	341	
STD DS8	Standard	1.32	38.2	6.9	<0.05	1.8	6.24	30.5	2.18	57	5.0	26.1	122	366	
STD DS8	Standard	1.38	37.6	6.7	<0.05	1.6	5.94	28.1	2.24	59	5.0	26.8	139	353	
STD DS8	Standard	1.32	39.2	6.8	<0.05	1.9	6.16	29.5	2.25	64	5.4	26.7	113	354	
STD DS8	Standard	1.52	36.4	6.7	<0.05	1.8	6.77	31.7	1.98	42	4.7	27.8	125	334	
STD DS8	Standard	1.52	38.5	6.9	<0.05	2.1	6.74	32.1	2.21	56	4.7	28.2	132	354	
STD DS8	Standard	1.39	37.3	6.4	<0.05	2.1	5.74	26.0	2.10	59	5.0	27.2	141	342	
STD OREAS131B	Standard														3.26
STD SU-1B	Standard														0.03
STD OREAS131B Expected															3.14
STD SU-1B Expected															0.0235
STD DS8 Expected		1.65	39	6.7	0.003	2.3	6.1	29.8	2.19	55	5.2	26.34	110	339	
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	



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Part 1

QUALITY CONTROL REPORT

WHI11001354.1

		1F15 Mo ppm 0.01	1F15 Cu ppm 0.01	1F15 Pb ppm 0.01	1F15 Zn ppm 0.1	1F15 Ag ppb 2	1F15 Ni ppm 0.1	1F15 Co ppm 0.1	1F15 Mn ppm 1	1F15 Fe % 0.01	1F15 As ppm 0.1	1F15 U ppm 0.1	1F15 Au ppb 0.2	1F15 Th ppm 0.1	1F15 Sr ppm 0.5	1F15 Cd ppm 0.01	1F15 Sb ppm 0.02	1F15 Bi ppm 0.02	1F15 V ppm 2	1F15 Ca % 0.01	1F15 P % 0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001



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Part 2

QUALITY CONTROL REPORT

WHI11001354.1

		1F15 La ppm 0.5	1F15 Cr ppm 0.5	1F15 Mg % 0.01	1F15 Ba ppm 0.5	1F15 Ti % 0.001	1F15 B ppm 1	1F15 Al % 0.01	1F15 Na % 0.001	1F15 K % 0.01	1F15 W ppm 0.1	1F15 Sc ppm 0.1	1F15 Ti ppm 0.02	1F15 S % 0.02	1F15 Hg ppb 5	1F15 Se ppm 0.1	1F15 Te ppm 0.02	1F15 Ga ppm 0.1	1F15 Cs ppm 0.02	1F15 Ge ppm 0.1	1F15 Hf ppm 0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02



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Part 3

QUALITY CONTROL REPORT

WHI11001354.1

		1F15 Nb ppm 0.02	1F15 Rb ppm 0.1	1F15 Sn ppm 0.1	1F15 Ta ppm 0.05	1F15 Zr ppm 0.1	1F15 Y ppm 0.01	1F15 Ce ppm 0.1	1F15 In ppm 0.02	1F15 Re ppb 1	1F15 Be ppm 0.1	1F15 Li ppm 0.1	1F15 Pd ppb 10	1F15 Pt ppb 2	7TD Zn %
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank														<0.01
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	



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Client: **Radius Gold Inc.**
830 - 355 Burrard St.
Vancouver BC V6C 2G8 Canada

Submitted By: Roger Hulstein
Receiving Lab: Canada-Whitehorse
Received: August 29, 2011
Report Date: October 31, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS

WHI11001355.1

CLIENT JOB INFORMATION

Project: Scarlet
Shipment ID: 2011-24
P.O. Number: NA-10337
Number of Samples: 321

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

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: Radius Gold Inc.
830 - 355 Burrard St.
Vancouver BC V6C 2G8
Canada

CC: David Clark
database backup
Simon Ridgway
Scott Turton

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	321	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	321	Dry at 60C			WHI
1F05	320	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
RJSV	321	Saving all or part of Soil Reject			WHI
7TD	1	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS



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



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Project:

Scarlet

Report Date:

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CERTIFICATE OF ANALYSIS

WHI11001355.1

	Method Analyte	Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
			ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
			0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
1267790	Soil		1.16	35.35	22.97	73.6	46	15.3	14.7	3716	3.19	6.9	0.7	3.1	0.3	4.6	0.32	0.68	0.45	42
1267791	Soil		1.05	37.23	30.32	74.0	59	15.3	22.5	2004	3.88	6.4	0.7	0.9	1.6	3.8	0.27	0.48	0.43	32
1267792	Soil		1.27	15.44	7451	7783	157	17.4	5.6	865	3.24	9.2	1.0	2.1	1.3	26.1	7.69	0.48	0.18	23
1267793	Soil		0.57	2.94	243.2	793.4	49	5.0	2.5	1917	1.08	4.5	1.8	0.7	0.8	41.4	1.76	0.17	0.06	8
1267794	Soil		1.43	8.92	1013	2849	90	17.4	8.6	4215	4.61	9.6	1.3	3.4	1.8	13.0	8.74	0.54	0.24	33
1267795	Soil		1.68	10.11	156.3	2883	43	17.5	6.6	1778	5.43	10.6	1.1	0.9	1.4	6.8	1.24	0.44	0.28	42
1267796	Soil		1.08	9.83	177.8	851.0	43	17.5	9.1	5634	5.06	9.3	1.6	0.3	2.8	5.8	0.77	0.36	0.23	37
1267797	Soil		1.10	10.52	41.97	607.2	138	17.2	7.6	3005	4.34	10.8	1.8	0.8	0.8	14.5	2.14	0.48	0.22	43
1267798	Soil		1.25	9.91	80.50	734.1	36	17.6	9.8	2395	3.82	9.9	1.1	0.3	2.2	8.5	3.29	0.43	0.25	39
1267799	Soil		1.16	10.42	106.1	1901	127	15.5	6.4	3050	5.46	9.3	1.7	1.1	2.0	27.9	4.25	0.32	0.16	19
1267800	Soil		0.80	16.34	49.83	250.3	78	14.5	6.6	294	3.21	4.8	0.9	0.3	3.0	12.5	0.45	0.25	0.32	16
1267294	Soil		4.62	19.59	16.83	87.6	47	28.2	4.8	184	2.06	35.0	4.8	0.6	2.9	134.0	0.30	1.11	0.25	78
1267295	Soil		3.88	16.22	16.95	72.7	29	32.2	5.6	156	1.90	45.8	6.2	0.8	2.8	122.5	0.32	1.10	0.23	68
1267296	Soil		0.94	13.57	17.33	77.0	63	14.3	5.5	401	1.20	9.8	1.7	0.8	0.3	61.1	0.34	0.50	0.12	32
1267297	Soil		1.34	7.62	7.27	18.7	26	12.1	4.9	194	0.80	16.9	1.9	0.4	0.9	77.5	0.11	0.75	0.10	16
1267298	Soil		3.52	10.45	10.42	28.5	19	15.0	4.4	117	0.77	16.5	7.8	0.7	1.2	182.3	0.21	0.60	0.13	27
1267299	Soil		0.81	3.91	5.42	15.9	23	4.3	1.8	251	0.32	3.6	0.8	<0.2	0.2	40.8	0.11	0.29	0.05	17
1267300	Soil		1.63	6.23	7.10	13.2	13	7.8	2.8	160	0.46	10.4	3.0	0.3	0.4	103.8	0.12	0.58	0.05	17
1267301	Soil		1.35	15.07	15.33	106.9	62	20.5	8.1	925	1.85	13.3	1.2	1.1	0.4	32.3	0.35	0.94	0.19	47
1267302	Soil		0.45	5.08	5.49	21.7	35	5.8	2.7	279	0.47	6.4	1.2	<0.2	0.2	45.4	0.15	0.39	0.05	13
1267303	Soil		0.73	9.51	9.80	58.0	68	11.4	4.7	401	1.05	10.3	1.3	0.4	0.3	40.0	0.27	0.54	0.11	28
1267304	Soil		0.38	3.92	4.78	20.2	30	4.4	1.8	449	0.42	6.3	1.2	<0.2	0.2	48.8	0.16	0.27	0.04	15
1267305	Soil		1.24	16.83	17.23	114.1	122	19.1	8.3	886	2.01	13.5	1.9	0.5	0.3	26.2	0.65	0.83	0.22	48
1267306	Soil		2.69	12.21	19.20	108.5	73	16.6	7.8	568	1.94	16.0	2.8	0.6	0.5	32.5	0.68	0.71	0.20	43
1267307	Soil		1.61	7.62	11.27	30.7	45	14.4	3.9	260	0.87	9.2	2.9	0.5	0.6	69.6	0.26	0.55	0.08	26
1267308	Soil		1.63	9.47	123.5	416.9	253	14.8	5.3	797	3.93	19.4	1.1	1.0	0.8	47.1	1.01	1.24	0.10	22
1267309	Soil		1.25	11.98	73.31	249.7	166	19.5	8.0	897	3.39	19.0	1.5	1.1	1.8	34.4	0.53	0.91	0.18	38
1267310	Soil		0.73	17.31	25.61	81.6	62	19.9	7.5	370	1.57	16.2	4.7	0.4	2.5	63.7	0.25	0.82	0.15	26
1267311	Soil		0.89	4.54	6.11	32.6	26	9.1	2.5	227	0.47	8.8	2.1	<0.2	0.3	76.1	0.15	0.51	0.04	16
1267312	Soil		1.01	49.52	87.27	147.3	168	37.7	34.1	916	3.63	35.0	1.9	<0.2	4.4	14.8	0.12	0.76	0.51	16



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1267790	Soil	5.9	26.1	0.15	135.0	0.010	2	1.27	<0.001	0.11	0.1	1.1	0.11	0.04	36	0.3	0.06	5.3	1.69	<0.1
1267791	Soil	3.8	24.5	0.18	93.3	0.011	3	1.25	<0.001	0.13	0.1	2.8	0.12	0.04	29	0.3	0.08	4.6	3.07	<0.1
1267792	Soil	7.9	16.2	3.20	319.5	0.012	3	0.96	0.006	0.03	0.1	1.7	1.34	0.05	933	0.5	0.02	2.9	0.79	<0.1
1267793	Soil	4.9	6.5	8.52	101.0	0.005	2	0.31	0.007	0.02	<0.1	1.0	0.23	<0.02	41	0.3	<0.02	0.8	0.29	<0.1
1267794	Soil	14.1	24.8	1.69	1032	0.014	1	1.88	0.001	0.03	0.1	3.3	0.99	0.05	261	0.4	0.04	4.1	0.90	<0.1
1267795	Soil	7.5	28.1	0.38	196.1	0.006	2	1.84	<0.001	0.04	0.2	1.9	0.94	0.04	37	0.2	0.03	5.1	1.29	<0.1
1267796	Soil	15.6	25.1	0.27	166.6	0.005	2	1.89	<0.001	0.04	0.1	3.2	0.66	0.03	63	0.2	0.03	4.6	1.38	<0.1
1267797	Soil	12.4	25.1	1.35	135.8	0.010	2	1.68	0.002	0.04	<0.1	1.7	0.31	0.08	105	0.5	0.04	4.0	0.98	<0.1
1267798	Soil	10.6	25.3	0.46	161.8	0.007	2	1.86	<0.001	0.05	0.1	3.2	0.32	0.03	39	0.2	0.06	4.5	1.19	<0.1
1267799	Soil	9.5	15.4	3.65	131.5	0.006	2	0.95	0.005	0.03	<0.1	2.5	0.73	<0.02	78	0.4	0.04	2.4	0.55	<0.1
1267800	Soil	4.8	10.8	0.16	78.8	0.002	2	0.74	<0.001	0.08	<0.1	2.3	0.22	0.04	22	0.2	0.04	2.1	0.74	<0.1
1267294	Soil	13.6	15.9	3.97	74.4	0.003	11	0.70	0.005	0.15	<0.1	2.1	0.38	<0.02	34	0.4	0.05	2.1	12.91	<0.1
1267295	Soil	10.9	14.1	3.90	63.7	0.003	10	0.50	0.006	0.13	<0.1	1.9	0.39	<0.02	22	0.4	0.06	1.8	10.33	<0.1
1267296	Soil	7.5	13.5	5.05	63.2	0.006	5	0.68	0.005	0.05	0.1	0.7	0.25	0.05	37	0.3	<0.02	1.6	1.01	<0.1
1267297	Soil	4.3	7.8	8.17	27.3	0.002	3	0.21	0.007	0.04	<0.1	1.2	0.63	<0.02	19	0.3	0.03	0.6	0.94	<0.1
1267298	Soil	8.1	8.6	6.59	52.8	0.002	6	0.35	0.008	0.09	<0.1	1.1	0.78	<0.02	15	0.3	0.05	0.9	6.93	<0.1
1267299	Soil	5.5	5.1	9.86	28.4	0.005	2	0.23	0.005	0.02	<0.1	0.4	0.15	<0.02	12	0.3	<0.02	0.5	0.37	<0.1
1267300	Soil	3.9	5.9	9.49	25.1	0.002	2	0.15	0.008	0.03	<0.1	0.6	0.28	<0.02	16	0.4	<0.02	0.4	0.91	<0.1
1267301	Soil	18.1	21.0	4.96	75.6	0.008	3	1.22	0.003	0.05	<0.1	1.1	0.24	0.07	44	0.6	0.04	2.2	0.86	<0.1
1267302	Soil	5.7	5.6	9.10	30.4	0.005	2	0.27	0.005	0.02	<0.1	0.4	0.12	<0.02	8	0.3	<0.02	0.6	0.24	<0.1
1267303	Soil	9.5	11.6	7.35	55.5	0.008	4	0.68	0.008	0.03	<0.1	0.8	0.15	<0.02	17	0.4	<0.02	1.3	0.58	<0.1
1267304	Soil	4.7	5.7	7.81	31.1	0.005	2	0.22	0.006	0.02	<0.1	0.5	0.23	<0.02	13	0.3	<0.02	0.5	0.24	<0.1
1267305	Soil	12.9	21.7	1.75	116.4	0.010	4	1.18	0.007	0.05	0.1	1.0	0.29	0.14	53	0.5	0.05	3.1	1.05	<0.1
1267306	Soil	8.9	17.9	1.75	129.4	0.005	4	0.96	0.004	0.06	<0.1	1.3	0.27	0.09	51	0.4	<0.02	2.6	0.83	<0.1
1267307	Soil	7.0	10.6	7.43	42.7	0.008	3	0.40	0.008	0.05	<0.1	1.1	0.22	<0.02	34	0.4	<0.02	1.0	1.07	<0.1
1267308	Soil	6.9	12.7	4.91	68.1	0.003	4	0.71	0.004	0.07	<0.1	1.5	1.70	<0.02	207	0.3	<0.02	1.8	0.81	<0.1
1267309	Soil	13.3	26.9	3.00	123.1	0.006	5	1.36	0.004	0.10	<0.1	2.8	1.11	0.03	84	0.3	0.03	3.2	1.15	<0.1
1267310	Soil	8.4	26.3	4.98	58.5	0.004	7	0.78	0.007	0.17	<0.1	2.2	0.97	<0.02	74	0.2	0.04	2.1	1.74	<0.1
1267311	Soil	4.6	7.7	8.71	27.6	0.003	2	0.22	0.007	0.03	<0.1	0.7	0.35	<0.02	21	0.4	<0.02	0.6	0.48	<0.1
1267312	Soil	9.1	17.8	0.27	180.9	0.003	5	1.00	0.001	0.24	<0.1	5.4	0.69	0.08	48	0.3	0.10	2.8	21.83	<0.1



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Project: Scarlet
Report Date: October 31, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Zn
		ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10	ppb 2	% 0.01
1267790	Soil	0.43	16.1	1.3	<0.05	<0.1	3.17	13.7	0.05	<1	0.9	6.5	<10	<2	
1267791	Soil	0.62	16.0	2.7	<0.05	0.3	2.64	8.9	0.04	<1	0.7	11.8	<10	<2	
1267792	Soil	0.39	5.8	0.5	<0.05	0.8	7.31	16.0	0.03	<1	0.4	8.6	<10	<2	
1267793	Soil	0.13	3.9	1.1	<0.05	0.7	4.76	10.0	<0.02	<1	0.2	2.9	<10	<2	
1267794	Soil	0.53	5.7	0.9	<0.05	0.9	10.95	28.9	0.03	<1	0.9	9.7	<10	<2	
1267795	Soil	0.59	8.8	1.2	<0.05	0.6	4.43	16.7	0.04	<1	1.1	13.8	<10	<2	
1267796	Soil	0.36	9.8	0.8	<0.05	1.4	13.47	32.3	0.03	<1	1.1	9.8	<10	<2	
1267797	Soil	0.38	8.4	1.2	<0.05	0.9	13.57	23.0	0.03	<1	1.0	10.5	<10	<2	
1267798	Soil	0.62	13.1	3.9	<0.05	0.8	8.34	29.8	0.03	<1	0.9	12.7	<10	2	
1267799	Soil	0.25	5.1	0.9	<0.05	1.1	10.00	17.2	<0.02	<1	0.8	7.2	<10	<2	
1267800	Soil	0.19	7.9	0.8	<0.05	1.2	5.53	10.7	0.03	<1	0.6	7.3	<10	<2	
1267294	Soil	0.22	15.3	1.8	<0.05	3.1	11.44	33.0	<0.02	<1	0.9	8.8	<10	<2	
1267295	Soil	0.24	12.5	4.9	<0.05	3.0	9.89	26.6	0.03	3	0.7	6.7	<10	<2	
1267296	Soil	0.22	5.2	0.9	<0.05	0.5	6.87	15.7	<0.02	<1	0.5	5.6	<10	<2	
1267297	Soil	0.08	2.7	1.0	<0.05	1.1	4.81	10.0	<0.02	<1	0.3	1.6	<10	<2	
1267298	Soil	0.08	7.4	1.4	<0.05	1.3	5.77	18.1	<0.02	2	0.3	3.0	<10	<2	
1267299	Soil	0.08	1.9	0.8	<0.05	0.4	6.09	7.3	<0.02	2	0.2	1.7	<10	<2	
1267300	Soil	0.05	2.1	2.0	<0.05	0.6	4.32	7.3	<0.02	2	0.2	1.4	<10	<2	
1267301	Soil	0.36	7.7	1.1	<0.05	0.5	17.79	28.3	0.03	<1	0.8	8.1	<10	<2	
1267302	Soil	0.10	2.1	0.4	<0.05	0.4	5.75	8.1	<0.02	<1	0.2	2.1	<10	<2	
1267303	Soil	0.26	4.1	0.7	<0.05	0.7	9.15	14.9	<0.02	<1	0.4	4.7	<10	<2	
1267304	Soil	0.08	1.8	1.0	<0.05	0.3	6.29	6.4	<0.02	<1	0.2	1.7	<10	<2	
1267305	Soil	0.64	6.8	1.6	<0.05	0.7	11.05	22.6	0.03	1	0.5	8.9	<10	<2	
1267306	Soil	0.52	8.1	1.6	<0.05	0.7	7.32	20.1	<0.02	<1	0.6	7.1	<10	<2	
1267307	Soil	0.17	3.9	3.4	<0.05	0.6	7.08	13.2	<0.02	2	0.3	3.5	<10	<2	
1267308	Soil	0.16	5.8	2.2	<0.05	1.2	9.78	12.8	<0.02	<1	0.6	4.4	<10	<2	
1267309	Soil	0.36	10.4	1.8	<0.05	1.6	11.96	27.9	0.03	<1	0.7	10.6	<10	<2	
1267310	Soil	0.21	10.0	3.2	<0.05	2.2	9.05	19.3	0.03	2	0.5	7.7	<10	<2	
1267311	Soil	0.12	2.3	1.0	<0.05	0.6	6.78	7.4	<0.02	<1	0.2	2.0	<10	<2	
1267312	Soil	0.15	24.0	7.1	<0.05	1.8	13.38	23.9	0.06	<1	1.5	11.4	<10	2	



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
1267313	Soil	0.39	14.87	10.21	21.4	53	9.7	2.1	92	0.45	2.4	6.9	0.9	0.1	76.6	0.26	0.36	0.12	4	4.36
1267314	Soil	0.67	23.17	28.44	124.6	136	23.7	8.6	284	2.78	12.2	2.0	2.1	2.5	35.6	0.32	0.63	0.19	31	1.11
1267315	Soil	0.77	20.56	21.25	94.3	110	21.8	8.8	371	2.16	8.7	6.0	1.0	1.8	44.1	0.31	0.66	0.19	31	1.39
1267316	Soil	0.85	23.37	21.53	97.2	133	22.8	9.3	358	2.68	9.3	2.4	2.8	2.9	54.6	0.32	0.66	0.19	36	1.44
1267317	Soil	0.98	22.50	16.26	88.8	130	23.7	9.3	308	2.30	8.2	2.0	2.9	3.5	62.1	0.33	0.61	0.25	29	1.91
1267318	Soil	0.66	25.47	23.92	80.3	132	17.9	8.2	509	2.20	6.6	8.2	2.1	0.7	75.5	0.32	0.85	0.21	26	2.23
1267319	Soil	0.91	25.81	39.80	147.6	133	27.3	12.6	558	3.20	12.7	1.2	6.7	3.4	40.3	0.50	1.51	0.40	26	1.30
1267320	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.
1267321	Soil	0.62	32.50	22.49	137.1	127	24.3	9.9	328	2.46	6.9	4.0	7.3	2.1	55.1	0.31	0.88	0.37	28	1.51
1267322	Soil	0.97	29.61	25.59	131.5	135	26.3	9.5	371	2.49	7.8	1.9	5.2	2.2	56.0	0.34	1.09	0.27	22	2.49
1267323	Soil	0.53	25.69	26.18	137.0	113	23.7	10.0	408	2.47	7.8	2.5	4.3	2.8	45.9	0.39	1.05	0.27	23	1.38
1267324	Soil	0.42	27.40	21.32	134.4	100	23.9	9.4	383	2.17	6.1	1.8	5.6	2.5	51.9	0.39	0.85	0.35	21	1.76
1266701	Soil	0.99	35.09	36.33	89.4	136	29.6	14.9	419	3.44	28.2	0.8	2.5	2.2	98.8	0.20	1.10	0.33	32	2.51
1266702	Soil	1.06	22.54	55.07	212.8	186	25.9	11.5	615	3.42	29.5	0.9	1.4	1.5	20.8	0.65	2.18	0.28	44	0.78
1266703	Soil	1.11	14.96	72.41	368.4	152	22.4	10.1	943	3.01	20.9	0.9	2.0	0.8	19.2	1.73	1.04	0.29	43	1.33
1266704	Soil	1.09	25.23	100.8	666.5	118	23.5	13.6	761	3.49	27.1	1.0	1.5	0.9	77.9	1.79	1.13	0.33	42	2.70
1266705	Soil	1.42	32.06	28.72	89.4	246	20.7	17.7	673	4.29	9.0	0.7	2.2	0.8	7.2	0.27	0.82	0.29	47	0.06
1266706	Soil	1.42	32.67	24.86	89.9	204	21.8	21.8	789	4.28	8.8	0.7	1.0	0.9	7.7	0.26	0.84	0.29	46	0.06
1266707	Soil	1.40	26.26	34.59	129.9	169	18.7	19.9	1091	5.65	13.1	0.5	0.7	1.3	8.0	0.46	1.37	0.34	53	0.04
1266708	Soil	1.31	30.00	34.62	132.3	185	20.0	20.5	946	5.70	11.5	0.5	1.5	1.6	7.9	0.53	1.16	0.34	52	0.04
1266709	Soil	3.08	19.89	15.15	96.8	219	34.0	10.9	441	2.85	16.0	1.5	1.9	2.3	17.9	0.33	0.90	0.25	47	0.79
1266710	Soil	4.23	21.01	19.17	100.3	152	31.3	12.1	447	2.70	15.5	2.2	0.9	2.0	26.4	0.41	0.83	0.23	39	3.71
1266711	Soil	1.56	10.69	15.82	60.5	53	18.3	7.0	293	2.51	12.5	1.2	2.1	0.6	13.9	0.16	0.50	0.29	50	0.76
1266712	Soil	1.57	20.18	23.98	89.8	181	28.9	11.1	230	2.92	8.8	1.1	0.5	1.9	13.1	0.13	0.33	0.31	29	0.59
1266713	Soil	2.06	14.53	17.06	43.6	25	14.4	5.3	117	1.94	6.2	0.5	0.4	1.0	4.0	0.05	0.38	0.19	18	0.11
1266714	Soil	3.11	17.60	17.72	119.2	109	59.9	14.8	498	3.30	16.6	2.5	1.2	1.8	14.9	0.52	0.95	0.27	53	0.26
1266715	Soil	7.29	23.12	21.61	167.9	41	35.8	13.4	243	3.92	23.9	1.8	<0.2	2.9	18.5	0.50	1.64	0.21	54	0.29
1266716	Soil	0.86	19.38	16.27	104.8	119	23.9	8.3	526	3.12	7.2	2.2	1.4	1.7	38.8	0.32	0.39	0.26	39	0.70
1266717	Soil	1.38	10.34	13.52	70.1	20	15.7	5.4	230	2.66	9.8	0.6	1.0	0.5	11.6	0.12	0.59	0.27	57	0.21
1266718	Soil	1.00	12.66	24.15	61.6	107	15.1	7.1	304	2.02	4.9	0.7	1.6	0.4	10.7	0.09	0.38	0.36	29	0.23



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.02
1267313	Soil	2.5	7.1	0.44	100.5	0.003	7	0.36	0.003	0.02	<0.1	0.3	0.13	0.19	91	0.8	<0.02	0.9	0.45	<0.1
1267314	Soil	18.2	34.1	0.61	89.4	0.006	5	1.18	0.001	0.11	<0.1	4.2	0.34	0.04	134	0.6	<0.02	3.4	1.45	<0.1
1267315	Soil	15.3	36.1	0.86	113.9	0.012	6	1.27	0.008	0.10	<0.1	3.5	0.32	0.07	67	1.3	<0.02	3.8	2.64	<0.1
1267316	Soil	20.3	38.5	0.85	119.6	0.008	3	1.28	0.003	0.07	<0.1	5.1	0.19	0.04	72	0.9	<0.02	4.0	1.36	<0.1
1267317	Soil	20.0	35.3	1.12	99.9	0.012	3	0.99	0.005	0.07	<0.1	5.2	0.15	0.03	64	1.1	<0.02	3.2	1.64	<0.1
1267318	Soil	10.9	26.0	0.63	261.8	0.006	4	1.14	0.003	0.08	<0.1	2.2	0.16	0.10	94	2.0	<0.02	3.1	1.04	<0.1
1267319	Soil	14.3	25.1	0.89	153.6	0.003	5	1.23	0.003	0.10	<0.1	4.7	0.17	0.04	126	0.8	0.03	3.7	1.33	<0.1
1267320	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.
1267321	Soil	14.0	32.3	0.67	164.9	0.004	4	1.13	0.003	0.09	<0.1	4.3	0.20	0.08	112	2.2	<0.02	3.7	1.57	<0.1
1267322	Soil	13.1	28.9	1.17	152.7	0.003	5	0.94	0.004	0.09	0.1	3.8	0.21	0.05	92	1.4	<0.02	2.7	1.40	<0.1
1267323	Soil	15.6	26.2	0.87	178.2	0.004	5	1.12	0.004	0.10	<0.1	3.7	0.19	0.05	72	1.1	<0.02	3.4	1.28	<0.1
1267324	Soil	14.9	28.5	0.82	207.1	0.006	9	1.15	0.004	0.11	<0.1	3.4	0.18	0.08	82	1.1	0.03	3.4	1.85	<0.1
1266701	Soil	17.5	22.7	0.28	128.4	0.008	4	1.00	0.007	0.09	0.1	3.9	0.66	0.04	238	0.5	0.07	3.2	1.61	<0.1
1266702	Soil	14.7	26.1	0.35	162.8	0.009	2	1.69	0.004	0.06	0.2	3.3	0.30	0.04	302	0.4	0.06	4.7	1.41	<0.1
1266703	Soil	10.9	27.3	0.47	135.5	0.013	2	1.66	0.006	0.06	0.2	1.9	0.19	0.07	131	0.5	0.05	4.6	1.13	<0.1
1266704	Soil	13.9	25.1	0.28	144.2	0.007	3	1.44	0.004	0.08	0.1	3.5	0.38	0.06	842	0.6	0.06	4.1	1.19	<0.1
1266705	Soil	7.0	31.7	0.30	59.6	0.017	2	1.67	0.003	0.08	0.2	2.1	0.13	0.05	55	0.5	0.05	5.9	4.02	<0.1
1266706	Soil	7.0	31.7	0.29	60.2	0.017	2	1.66	0.003	0.09	0.1	2.3	0.13	0.05	66	0.5	0.03	5.5	4.02	<0.1
1266707	Soil	6.3	31.5	0.21	65.3	0.013	2	1.67	0.002	0.10	<0.1	2.5	0.14	0.04	67	0.4	0.07	7.6	4.49	<0.1
1266708	Soil	5.4	31.4	0.23	64.9	0.008	2	1.67	0.002	0.10	0.1	2.6	0.13	0.04	61	0.4	0.04	7.5	4.31	<0.1
1266709	Soil	21.0	32.8	0.67	163.6	0.017	3	1.43	0.007	0.07	0.2	3.2	0.30	0.02	40	0.4	0.06	4.5	1.21	<0.1
1266710	Soil	14.9	22.0	2.22	117.0	0.011	5	1.22	0.007	0.10	0.1	2.7	0.27	0.03	39	0.5	0.08	3.6	1.28	<0.1
1266711	Soil	10.2	26.3	0.38	141.1	0.010	3	1.62	0.003	0.08	0.1	1.5	0.28	0.06	29	0.3	0.04	5.7	1.61	<0.1
1266712	Soil	9.7	23.8	0.35	143.5	0.002	6	1.66	0.002	0.18	<0.1	3.3	0.25	0.04	24	0.4	0.23	4.6	2.78	<0.1
1266713	Soil	7.6	14.0	0.14	56.0	0.002	3	0.77	0.002	0.11	<0.1	1.0	0.18	0.02	7	0.2	0.04	2.7	1.61	<0.1
1266714	Soil	18.4	32.8	0.48	155.8	0.015	4	2.47	0.004	0.10	0.1	3.2	0.36	0.03	34	0.5	0.07	5.2	2.03	0.1
1266715	Soil	11.3	21.1	0.27	271.4	<0.001	7	1.68	0.002	0.22	<0.1	3.7	0.61	0.02	16	0.7	0.04	4.6	2.12	<0.1
1266716	Soil	27.5	27.6	0.57	151.5	0.010	7	1.76	0.004	0.16	<0.1	3.0	0.21	0.06	41	0.5	0.05	5.3	1.80	<0.1
1266717	Soil	12.1	26.4	0.37	127.5	0.018	2	1.74	0.003	0.06	0.2	1.2	0.21	0.02	24	0.4	0.04	6.7	1.89	<0.1
1266718	Soil	15.1	20.8	0.31	102.8	0.008	6	1.16	0.005	0.16	<0.1	1.2	0.13	0.06	26	0.4	0.04	4.2	2.44	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1267313	Soil	0.21	1.4	3.9	<0.05	1.9	3.09	4.9	<0.02	<1	0.3	1.9	<10	<2
1267314	Soil	0.34	9.9	1.1	<0.05	2.4	12.68	34.4	0.03	1	0.9	16.9	<10	<2
1267315	Soil	0.53	14.5	3.0	<0.05	2.6	10.44	31.2	0.03	<1	0.8	20.5	<10	<2
1267316	Soil	0.55	9.7	1.4	<0.05	2.7	15.85	41.5	0.03	<1	1.0	20.4	<10	<2
1267317	Soil	0.53	9.3	1.5	<0.05	3.4	14.28	43.0	0.03	<1	0.8	17.7	<10	<2
1267318	Soil	0.46	7.3	1.1	<0.05	1.6	9.10	25.0	0.03	<1	0.9	13.5	<10	<2
1267319	Soil	0.33	7.6	1.0	<0.05	3.1	14.69	32.8	0.06	<1	1.0	18.8	<10	<2
1267320	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.
1267321	Soil	0.36	9.3	0.7	<0.05	3.9	14.00	30.3	0.04	<1	0.9	17.9	<10	<2
1267322	Soil	0.28	7.7	2.4	<0.05	3.1	13.89	29.3	0.03	2	0.8	13.2	<10	2
1267323	Soil	0.39	8.3	3.6	<0.05	3.3	13.09	33.9	0.04	<1	0.9	18.3	<10	<2
1267324	Soil	0.35	10.4	0.5	<0.05	3.5	11.82	31.2	0.04	<1	0.8	18.3	<10	<2
1266701	Soil	0.31	7.3	4.1	<0.05	1.3	15.84	36.9	0.05	<1	0.7	8.4	<10	<2
1266702	Soil	0.40	8.8	0.7	<0.05	0.5	12.97	32.5	0.04	<1	0.8	11.7	<10	<2
1266703	Soil	0.61	8.9	0.9	<0.05	0.5	10.29	26.8	0.02	<1	0.7	11.7	<10	<2
1266704	Soil	0.41	11.5	0.9	<0.05	0.7	13.94	40.5	0.06	1	1.0	9.9	<10	<2
1266705	Soil	0.84	12.3	11.1	<0.05	0.3	3.38	15.2	0.04	<1	0.8	16.7	<10	<2
1266706	Soil	0.75	12.2	2.8	<0.05	0.2	3.42	15.5	0.03	<1	0.7	17.5	<10	<2
1266707	Soil	0.71	15.9	10.1	<0.05	0.3	2.85	14.0	0.05	<1	0.5	17.8	<10	<2
1266708	Soil	0.69	15.2	7.0	<0.05	0.5	2.98	12.3	0.04	<1	0.7	19.4	<10	<2
1266709	Soil	0.46	9.7	0.7	<0.05	0.8	15.40	39.2	0.03	<1	0.9	13.3	<10	<2
1266710	Soil	0.39	10.5	1.3	<0.05	1.2	12.69	30.2	0.03	1	0.8	12.0	<10	<2
1266711	Soil	0.66	11.9	0.7	<0.05	0.3	4.61	28.0	0.03	<1	0.6	12.9	<10	<2
1266712	Soil	0.31	22.3	1.3	<0.05	2.6	10.09	22.5	0.05	1	1.4	16.1	<10	<2
1266713	Soil	0.14	12.6	0.8	<0.05	1.0	3.52	20.5	<0.02	<1	0.5	5.5	<10	<2
1266714	Soil	0.67	14.3	1.0	<0.05	0.9	14.68	66.6	0.03	<1	1.1	20.3	<10	<2
1266715	Soil	0.13	20.8	0.8	<0.05	2.2	8.83	38.8	0.04	2	1.5	12.8	<10	<2
1266716	Soil	0.42	19.6	1.0	<0.05	1.3	13.67	45.5	0.04	3	1.0	25.0	<10	<2
1266717	Soil	0.53	10.8	0.7	<0.05	<0.1	3.78	27.1	0.03	<1	0.5	14.8	<10	<2
1266718	Soil	0.24	16.3	19.6	<0.05	<0.1	6.69	34.1	0.05	1	0.6	12.1	<10	<2



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1266719	Soil	10.54	27.23	21.27	212.2	241	60.2	11.9	339	3.24	51.1	10.0	2.2	2.1	37.1	0.73	1.47	0.29	56	1.32
1266720	Soil	0.45	10.60	14.14	58.1	89	15.5	7.0	346	1.90	3.7	0.5	1.5	2.1	12.5	0.12	0.33	0.18	17	0.37
1266721	Soil	0.68	10.78	14.32	58.6	31	16.6	7.5	368	2.29	6.1	0.5	1.0	2.1	6.7	0.13	0.37	0.24	29	0.14
1266722	Soil	0.49	14.34	21.59	62.2	100	17.2	9.0	1320	2.01	12.0	0.6	1.0	1.4	17.2	0.24	0.28	0.24	18	0.70
1266723	Soil	0.75	22.29	21.90	68.2	37	13.8	10.1	821	4.04	7.0	0.7	0.3	0.6	4.4	0.10	0.25	0.37	25	0.03
1266724	Soil	0.63	17.47	20.55	69.5	17	23.3	10.9	1124	3.07	6.8	0.6	2.4	2.0	5.6	0.10	0.29	0.30	24	0.06
1266725	Soil	1.25	13.90	15.40	56.9	55	12.3	6.8	507	2.78	5.7	0.6	0.5	1.2	7.0	0.10	0.29	0.32	38	0.10
1266726	Soil	0.88	32.33	13.85	54.2	15	11.4	16.2	1465	4.11	4.7	0.8	1.3	2.5	4.9	0.04	0.32	0.41	32	0.03
1266727	Soil	1.27	24.24	20.20	84.3	28	21.8	12.0	737	3.27	8.2	0.9	1.4	2.7	9.2	0.10	0.36	0.31	35	0.14
1266728	Soil	1.84	29.39	40.45	112.2	18	23.5	16.5	1453	4.67	11.8	1.0	1.1	3.1	7.5	0.16	0.46	0.37	35	0.09
1266729	Soil	0.90	41.14	28.29	94.1	54	25.4	12.7	532	3.32	8.9	1.5	1.6	3.1	14.3	0.07	0.33	0.37	19	0.27
1266730	Soil	1.28	14.86	29.58	58.0	20	14.6	15.5	1498	4.06	11.4	0.6	1.2	3.1	4.8	0.06	0.50	0.40	41	0.03
1266731	Soil	1.91	14.92	43.45	100.0	67	17.7	8.4	1125	2.10	14.1	2.5	2.6	3.0	206.2	0.27	1.05	0.25	22	9.42
1266732	Soil	1.03	37.05	49.68	330.5	93	27.5	12.2	684	3.27	6.5	1.4	1.8	2.8	17.9	0.94	0.57	0.36	24	0.53
1266733	Soil	1.36	15.68	32.89	310.2	106	24.5	10.0	942	3.12	12.4	1.7	1.1	2.3	29.0	0.48	0.74	0.34	39	0.96
1266734	Soil	1.22	19.43	219.1	1083	262	22.4	9.4	843	3.11	18.7	1.6	2.7	2.0	28.6	2.76	0.72	0.30	27	1.31
1266735	Soil	2.05	12.85	50.28	325.5	84	19.5	8.9	596	3.06	12.6	1.8	<0.2	1.6	19.4	0.80	0.81	0.31	39	0.75
1266736	Soil	0.95	19.21	157.3	765.1	289	18.0	8.1	809	2.94	13.1	2.0	0.3	1.6	33.7	1.17	0.90	0.27	17	3.09
1266737	Soil	1.77	17.88	31.16	107.4	168	26.6	10.9	601	2.79	8.2	2.2	<0.2	1.0	46.5	0.28	0.42	0.21	31	2.52
1266738	Soil	1.57	14.73	35.13	168.2	146	21.7	8.7	378	2.43	9.2	1.6	0.3	1.4	42.4	0.51	0.45	0.19	25	4.70
1266739	Soil	1.36	16.18	35.66	136.5	155	16.4	7.3	379	2.25	8.2	3.6	0.3	0.9	45.6	0.52	0.46	0.20	26	2.17
1266740	Soil	0.75	28.77	28.83	109.5	105	23.0	9.4	415	2.41	8.0	5.0	5.3	1.6	52.7	0.55	0.34	0.20	36	1.87
1266741	Soil	0.92	28.72	37.96	118.4	192	25.2	10.7	565	2.69	10.9	3.5	3.6	1.3	44.7	0.62	0.73	0.24	36	1.41
1266742	Soil	0.65	36.74	21.27	126.6	127	26.5	10.2	392	2.66	8.6	7.4	3.4	1.8	39.0	0.42	0.41	0.24	38	1.00
1266743	Soil	1.30	14.03	63.65	189.5	103	16.6	7.1	516	2.62	8.5	1.8	0.3	1.8	42.4	0.35	0.47	0.30	33	1.56
1266744	Soil	1.35	21.79	41.38	152.3	101	28.3	12.3	587	3.19	9.3	1.4	1.2	3.9	16.0	0.38	0.45	0.34	32	0.67
1266745	Soil	0.93	25.95	34.24	132.2	103	24.4	10.7	558	2.49	9.5	1.8	2.4	3.3	34.6	0.36	0.40	0.27	28	3.34
1266746	Soil	0.71	32.34	25.01	112.6	122	26.6	13.0	504	2.90	14.5	2.5	1.3	3.9	39.8	0.27	0.94	0.33	21	0.93
1266747	Soil	0.44	31.56	29.04	125.0	103	27.0	10.7	285	2.64	6.8	2.2	3.2	3.2	33.2	0.25	0.43	0.25	25	1.06
1266748	Soil	1.43	32.94	42.91	197.2	159	33.8	12.3	920	2.98	10.9	3.3	1.1	4.0	28.2	0.45	0.66	0.30	28	0.73



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1266719	Soil	15.9	26.0	0.39	253.0	0.004	16	1.29	0.005	0.28	<0.1	3.7	1.13	0.11	59	1.6	0.08	3.8	2.31	<0.1
1266720	Soil	19.8	15.6	0.36	82.7	0.007	6	1.09	0.003	0.17	<0.1	2.7	0.12	0.03	23	0.1	<0.02	3.1	2.28	<0.1
1266721	Soil	13.7	21.5	0.38	123.2	0.005	4	1.68	0.002	0.14	<0.1	2.0	0.17	0.02	15	0.3	0.02	4.7	1.92	<0.1
1266722	Soil	14.7	15.7	0.36	88.9	0.005	4	1.00	0.003	0.09	<0.1	2.7	0.10	0.04	38	0.3	0.03	2.9	0.98	<0.1
1266723	Soil	4.1	27.5	0.23	73.4	0.005	2	1.50	0.003	0.10	<0.1	1.6	0.09	0.05	16	0.4	0.04	6.8	2.85	<0.1
1266724	Soil	5.2	22.9	0.34	76.4	0.005	2	1.52	0.003	0.10	0.1	2.1	0.10	0.03	13	0.2	0.04	4.6	2.10	<0.1
1266725	Soil	5.5	22.9	0.21	69.1	0.005	2	1.43	0.004	0.11	0.1	1.7	0.17	0.03	33	0.4	0.03	6.6	2.44	<0.1
1266726	Soil	4.1	29.3	0.17	62.0	0.005	<1	1.62	0.005	0.14	<0.1	2.6	0.16	0.04	17	0.4	0.04	8.6	3.25	<0.1
1266727	Soil	9.5	27.0	0.32	182.8	0.005	3	1.60	0.004	0.15	<0.1	3.0	0.17	<0.02	16	0.1	0.02	6.0	2.45	<0.1
1266728	Soil	6.7	32.1	0.34	88.5	0.006	2	1.70	0.004	0.14	<0.1	3.0	0.17	<0.02	19	0.3	0.02	6.9	3.58	<0.1
1266729	Soil	6.4	20.6	0.26	180.2	0.003	4	1.07	0.004	0.16	<0.1	5.2	0.19	0.05	33	0.1	0.03	3.4	7.56	<0.1
1266730	Soil	6.7	29.1	0.23	70.4	0.008	<1	1.58	0.003	0.09	0.1	2.3	0.14	<0.02	27	0.4	0.06	7.5	2.75	<0.1
1266731	Soil	9.3	19.1	5.59	109.2	0.004	3	0.85	0.006	0.07	0.1	3.4	0.57	<0.02	341	0.3	0.03	2.1	1.14	<0.1
1266732	Soil	9.2	21.6	0.28	158.5	0.005	4	1.11	0.003	0.18	<0.1	4.6	0.21	0.06	610	0.4	0.03	3.8	3.59	<0.1
1266733	Soil	13.3	30.2	0.63	187.6	0.011	3	1.67	0.005	0.10	0.2	3.3	0.20	0.04	287	0.4	0.08	5.0	1.87	<0.1
1266734	Soil	9.6	20.0	0.67	144.6	0.004	3	1.19	0.003	0.11	<0.1	3.3	0.39	0.06	4810	0.6	0.03	3.9	1.94	<0.1
1266735	Soil	12.9	24.6	0.36	143.7	0.006	3	1.36	0.003	0.13	0.1	2.6	0.29	0.06	214	0.5	0.03	4.7	1.67	<0.1
1266736	Soil	6.6	11.2	1.43	144.0	0.003	5	0.86	0.004	0.09	<0.1	2.2	0.59	0.10	1239	0.5	0.06	2.2	2.66	<0.1
1266737	Soil	15.9	23.4	0.84	184.8	0.004	8	1.26	0.003	0.14	<0.1	2.2	0.21	0.08	193	0.6	0.03	3.5	1.22	<0.1
1266738	Soil	14.3	19.1	2.49	93.5	0.004	8	0.90	0.006	0.14	<0.1	2.5	0.23	0.06	2446	0.4	0.04	2.4	1.16	<0.1
1266739	Soil	11.8	17.9	0.35	195.1	0.003	5	1.02	0.005	0.09	<0.1	1.8	0.21	0.16	403	0.7	0.06	2.9	0.95	<0.1
1266740	Soil	21.9	30.1	1.24	92.0	0.005	5	1.53	0.003	0.13	<0.1	3.1	0.15	0.10	834	0.8	0.04	4.7	1.25	<0.1
1266741	Soil	22.9	29.1	0.64	158.4	0.009	4	1.33	0.004	0.09	0.1	2.8	0.14	0.07	195	1.0	0.03	4.0	1.15	<0.1
1266742	Soil	25.1	44.5	1.91	153.9	0.010	4	2.00	0.003	0.10	<0.1	3.6	0.16	0.08	112	1.8	0.03	6.4	2.47	<0.1
1266743	Soil	9.9	20.8	0.53	171.6	0.003	3	1.35	0.003	0.10	<0.1	2.5	0.19	0.06	3646	0.6	0.06	4.5	1.19	<0.1
1266744	Soil	15.0	25.9	0.45	132.8	0.004	5	1.32	0.002	0.17	<0.1	4.0	0.18	0.03	990	0.4	0.05	4.0	1.31	<0.1
1266745	Soil	14.9	27.0	2.39	115.4	0.006	5	1.40	0.004	0.13	<0.1	3.8	0.15	0.03	621	0.7	<0.02	4.1	1.64	<0.1
1266746	Soil	13.7	21.2	0.50	60.5	0.002	6	0.70	0.003	0.17	<0.1	4.2	0.22	0.05	107	0.7	0.07	2.8	3.38	<0.1
1266747	Soil	22.1	35.1	1.18	270.5	0.004	4	1.58	0.001	0.11	<0.1	4.2	0.16	0.07	75	1.2	0.03	4.9	1.44	<0.1
1266748	Soil	15.2	27.6	0.63	149.6	0.005	4	1.33	0.003	0.12	<0.1	4.6	0.17	0.04	536	0.7	0.05	4.1	2.01	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Zn
		ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10	ppb 2	% 0.01
1266719	Soil	0.49	19.1	1.7	<0.05	4.4	18.25	32.6	0.04	5	1.1	11.3	<10	<2	
1266720	Soil	0.26	14.9	0.8	<0.05	0.9	13.04	44.0	0.02	<1	0.6	13.5	<10	<2	
1266721	Soil	0.34	18.5	0.6	<0.05	0.7	4.66	44.4	0.03	1	0.7	17.2	<10	<2	
1266722	Soil	0.21	9.8	1.7	<0.05	1.0	13.44	32.9	0.02	<1	0.8	16.1	<10	<2	
1266723	Soil	0.32	14.6	1.3	<0.05	0.6	4.95	11.7	0.03	<1	1.0	13.6	<10	<2	
1266724	Soil	0.30	12.2	2.9	<0.05	0.9	4.15	22.3	0.05	<1	0.9	27.8	<10	<2	
1266725	Soil	0.41	17.0	3.3	<0.05	0.4	3.47	12.5	<0.02	2	0.6	17.3	<10	<2	
1266726	Soil	0.45	21.3	1.9	<0.05	1.1	5.50	9.9	0.04	<1	0.7	11.1	<10	<2	
1266727	Soil	0.26	20.0	1.3	<0.05	0.6	8.15	25.9	0.02	<1	1.1	20.6	<10	<2	
1266728	Soil	0.34	18.4	2.0	<0.05	0.6	5.93	16.9	0.04	<1	0.9	25.9	<10	<2	
1266729	Soil	0.30	16.6	2.7	<0.05	1.4	12.77	14.0	0.04	<1	1.2	14.5	<10	<2	
1266730	Soil	0.58	17.4	2.8	<0.05	0.6	3.29	15.0	0.04	1	0.6	18.6	<10	<2	
1266731	Soil	0.21	7.3	1.4	<0.05	1.7	10.64	19.9	0.05	<1	1.1	9.1	<10	<2	
1266732	Soil	0.48	16.8	2.0	<0.05	2.1	11.76	20.6	0.03	<1	1.0	14.4	<10	<2	
1266733	Soil	0.56	13.2	1.2	<0.05	1.4	11.13	28.2	0.03	<1	1.3	18.1	<10	<2	
1266734	Soil	0.39	11.0	1.2	<0.05	2.1	9.64	17.6	0.03	<1	1.0	8.6	<10	<2	
1266735	Soil	0.56	15.9	1.3	<0.05	1.3	9.37	28.7	0.04	<1	0.9	12.9	<10	<2	
1266736	Soil	0.24	8.5	0.8	<0.05	2.7	10.23	13.7	0.04	<1	1.0	4.7	<10	<2	
1266737	Soil	0.45	11.1	2.1	<0.05	2.7	14.74	38.1	0.03	<1	1.1	11.7	<10	<2	
1266738	Soil	0.30	10.3	1.1	<0.05	3.1	13.27	28.0	<0.02	<1	0.8	8.4	<10	<2	
1266739	Soil	0.42	8.4	0.5	<0.05	3.0	11.45	22.5	0.04	<1	1.1	7.5	<10	<2	
1266740	Soil	0.39	12.3	2.0	<0.05	3.0	13.96	39.5	0.03	<1	1.0	33.8	<10	<2	
1266741	Soil	0.50	9.8	0.7	<0.05	1.9	15.72	38.0	0.03	<1	1.1	19.5	<10	<2	
1266742	Soil	0.44	13.9	0.9	<0.05	3.2	19.31	42.4	0.04	<1	1.1	49.6	<10	<2	
1266743	Soil	0.56	12.4	1.1	<0.05	2.1	8.94	16.6	0.03	<1	0.8	16.2	<10	<2	
1266744	Soil	0.45	13.4	0.8	<0.05	4.5	12.84	26.9	0.03	<1	1.2	20.2	<10	<2	
1266745	Soil	0.34	10.7	1.4	<0.05	3.7	12.83	29.6	0.03	<1	1.1	26.8	<10	<2	
1266746	Soil	0.12	11.9	1.1	<0.05	2.9	13.20	29.5	0.03	<1	0.9	10.9	<10	<2	
1266747	Soil	0.29	10.8	0.5	<0.05	4.7	15.12	41.7	0.04	<1	1.2	31.0	<10	<2	
1266748	Soil	0.31	10.8	1.0	<0.05	4.6	15.90	36.9	0.04	<1	1.2	23.6	<10	<2	



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	Method Analyte	Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
			ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
			0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
1267101	Soil		0.54	55.81	27.41	97.9	47	31.8	12.8	548	2.72	4.1	1.1	7.2	8.2	18.1	0.18	0.45	0.33	27
1267102	Soil		0.36	67.18	43.08	105.2	42	34.5	16.3	401	2.58	6.8	1.2	5.6	8.2	22.4	0.15	0.24	0.38	22
1267103	Soil		0.28	38.78	22.97	122.3	74	49.3	14.0	298	3.43	3.3	2.3	1.3	5.7	23.3	0.20	0.15	0.36	21
1267104	Soil		0.58	28.39	73.15	277.0	212	30.6	12.5	246	3.06	13.5	1.0	0.6	4.4	52.5	0.51	0.58	0.32	8
1267105	Soil		0.71	22.64	42.14	137.8	157	20.9	9.1	259	2.55	11.2	1.4	0.3	1.9	44.7	0.25	0.44	0.35	10
1267106	Soil		2.32	42.33	40.23	151.3	178	30.2	12.7	329	3.78	16.0	1.5	0.6	6.3	46.4	0.43	0.55	0.47	18
1267107	Soil		1.95	54.11	32.35	131.9	172	41.9	16.9	631	4.26	11.5	0.9	1.4	4.6	24.4	0.27	0.63	0.44	22
1267108	Soil		1.32	29.01	38.13	120.3	142	24.4	11.6	529	4.40	7.6	0.6	0.8	1.2	25.5	0.21	0.60	0.35	39
1267109	Soil		1.09	36.59	30.86	112.6	43	34.6	22.2	782	4.68	9.4	0.9	1.2	4.3	8.3	0.30	0.66	0.32	35
1267110	Soil		1.26	35.92	21.94	82.2	48	26.0	13.4	251	4.06	8.0	0.4	0.8	1.8	7.8	0.17	0.62	0.33	36
1267111	Soil		1.23	64.80	35.31	110.0	239	44.6	26.1	625	5.80	10.5	0.7	1.1	3.3	21.6	0.18	0.64	0.45	43
1267112	Soil		1.35	52.18	29.06	123.7	73	29.7	24.1	642	5.76	8.2	0.6	0.7	3.2	10.5	0.20	0.66	0.38	46
1267113	Soil		1.34	50.99	32.78	114.0	55	41.7	23.5	391	5.49	8.5	0.7	1.2	4.2	11.7	0.21	0.54	0.35	32
1267114	Soil		0.77	38.70	25.22	91.0	217	26.1	15.7	889	4.60	7.2	0.9	0.8	1.8	48.3	0.23	0.43	0.26	24
1267115	Soil		1.17	22.36	554.8	4099	455	15.7	10.3	1058	2.83	30.1	0.8	1.3	2.0	23.3	11.80	2.42	0.26	38
1267116	Soil		1.07	62.77	41.42	120.1	76	30.6	23.0	490	8.04	10.0	0.8	0.3	3.7	11.8	0.49	0.63	0.37	50
1267117	Soil		0.94	36.56	155.6	669.1	179	30.4	19.5	876	3.64	62.2	0.6	0.9	0.7	40.0	2.99	10.87	0.26	33
1267118	Soil		0.93	11.23	92.05	439.9	389	9.6	5.6	1576	1.90	15.7	0.5	0.3	0.3	36.2	1.98	7.23	0.09	17
1267119	Soil		0.79	21.93	82.31	499.9	542	16.5	8.7	1574	2.61	34.1	1.2	1.9	1.0	67.6	1.92	8.51	0.23	21
1267120	Soil		0.58	9.62	30.48	405.8	272	9.2	4.8	1325	1.74	30.0	0.9	1.8	0.5	43.5	1.84	51.52	0.18	19
1267121	Soil		1.95	22.67	108.9	480.2	635	22.5	12.0	4963	5.68	100.9	2.1	1.6	0.9	24.0	3.37	15.34	0.34	51
1267122	Soil		1.62	24.53	18.32	71.6	135	18.6	8.8	358	3.21	8.5	0.8	2.2	0.3	7.6	0.11	0.82	0.36	42
1267123	Soil		1.56	28.63	19.10	94.4	61	25.3	12.5	372	3.88	10.0	0.9	1.8	0.5	10.9	0.31	0.83	0.41	46
1267124	Soil		1.39	46.79	31.07	109.4	129	33.6	18.3	444	5.57	8.7	0.6	1.5	3.1	12.4	0.19	0.73	0.38	39
1267125	Soil		0.71	74.74	47.23	515.8	139	49.7	53.4	1624	7.15	8.6	1.0	1.9	4.6	33.2	1.94	0.87	0.37	39
1267126	Soil		0.80	88.79	28.73	132.7	44	48.2	49.3	665	7.56	9.5	0.7	0.9	3.9	17.6	0.15	0.69	0.37	43
1267127	Soil		1.74	42.16	27.15	102.2	54	27.1	16.8	484	4.32	10.2	1.0	2.6	2.5	15.2	0.13	0.99	0.39	52
1267128	Soil		1.26	33.12	37.68	164.0	130	31.3	17.9	962	4.52	11.0	2.4	1.2	1.3	95.1	0.97	0.86	0.35	44
1267129	Soil		1.11	21.42	43.24	220.9	37	26.5	11.1	510	3.40	13.6	1.2	1.3	1.3	42.9	0.23	1.01	0.33	54
1267130	Soil		1.18	23.63	32.75	128.8	61	25.5	11.7	517	3.31	15.8	1.1	2.7	1.8	25.0	0.17	0.97	0.35	45



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1267101	Soil	32.3	36.0	1.47	496.2	0.018	4	1.54	0.004	0.10	0.1	5.1	0.07	<0.02	34	0.4	0.07	4.9	4.74	<0.1
1267102	Soil	31.3	39.7	1.89	179.7	0.009	4	1.77	0.003	0.11	<0.1	4.9	0.06	<0.02	23	0.5	0.02	5.6	2.74	<0.1
1267103	Soil	16.3	45.0	1.27	64.8	0.005	5	1.99	0.003	0.12	<0.1	6.8	0.08	0.04	32	0.6	0.04	6.4	1.56	<0.1
1267104	Soil	10.9	8.9	0.14	67.8	0.002	5	0.54	0.004	0.12	<0.1	4.1	0.13	0.08	169	1.0	0.06	1.5	3.03	<0.1
1267105	Soil	5.0	10.6	0.20	104.5	0.002	6	0.70	0.009	0.13	<0.1	2.3	0.14	0.15	125	0.6	0.06	2.2	1.71	<0.1
1267106	Soil	7.3	16.9	0.46	131.2	0.003	5	1.00	0.016	0.20	<0.1	4.0	0.21	0.25	128	0.9	0.07	3.2	1.92	<0.1
1267107	Soil	9.4	14.8	0.21	100.9	0.003	3	0.76	0.002	0.13	<0.1	6.1	0.17	0.06	185	0.6	0.08	2.5	1.46	<0.1
1267108	Soil	7.4	22.3	0.28	140.5	0.004	3	1.25	0.002	0.11	<0.1	3.0	0.17	0.06	35	0.5	0.07	4.6	2.12	<0.1
1267109	Soil	9.0	26.5	0.26	63.2	0.005	2	1.78	<0.001	0.09	<0.1	4.2	0.13	0.03	39	0.6	0.05	3.9	2.11	<0.1
1267110	Soil	7.5	18.0	0.15	89.7	0.004	2	0.81	0.002	0.09	<0.1	3.1	0.10	0.04	42	0.5	0.06	4.1	1.14	<0.1
1267111	Soil	10.1	29.3	0.42	124.2	0.005	3	1.39	0.003	0.12	<0.1	8.7	0.18	0.06	87	0.7	0.09	4.2	4.97	<0.1
1267112	Soil	5.5	27.6	0.22	75.9	0.005	3	1.60	<0.001	0.11	<0.1	4.9	0.16	0.03	39	0.5	0.11	6.3	4.81	<0.1
1267113	Soil	6.2	22.3	0.28	74.8	0.004	2	1.40	<0.001	0.10	<0.1	5.4	0.19	0.02	35	0.6	0.08	4.1	3.80	<0.1
1267114	Soil	7.6	17.6	0.26	123.1	0.003	3	0.96	0.005	0.07	<0.1	6.1	0.13	0.12	97	1.1	0.06	2.7	2.84	<0.1
1267115	Soil	8.5	18.0	1.68	135.1	0.010	1	1.11	0.003	0.07	0.1	3.1	0.24	0.02	951	0.7	0.06	4.5	2.11	<0.1
1267116	Soil	5.0	44.6	0.26	66.4	0.008	3	3.37	<0.001	0.11	<0.1	7.9	0.19	0.04	336	0.9	0.03	6.7	5.29	<0.1
1267117	Soil	9.6	21.9	0.45	134.6	0.007	5	1.35	0.006	0.10	0.1	3.3	0.35	0.10	95	1.0	0.06	3.5	1.79	<0.1
1267118	Soil	5.7	9.2	5.64	701.5	0.005	3	0.62	0.009	0.04	<0.1	1.1	0.24	0.06	289	0.7	0.05	1.4	0.68	<0.1
1267119	Soil	9.5	11.2	4.18	125.9	0.005	5	0.80	0.011	0.11	0.1	2.6	0.33	0.05	348	0.7	0.02	1.8	1.38	<0.1
1267120	Soil	5.8	9.0	6.20	1164	0.008	3	0.57	0.011	0.03	0.2	1.2	0.18	0.07	172	0.4	0.02	1.2	0.42	<0.1
1267121	Soil	14.3	24.8	1.18	555.9	0.011	3	1.76	0.009	0.05	0.1	2.5	0.34	0.11	334	0.9	0.07	4.3	1.35	<0.1
1267122	Soil	8.1	21.9	0.23	78.6	0.005	2	1.28	0.005	0.06	0.1	1.1	0.17	0.07	47	0.4	<0.02	5.1	2.41	<0.1
1267123	Soil	10.1	29.1	0.36	78.8	0.013	3	1.73	0.005	0.09	0.1	1.9	0.16	0.05	39	0.7	0.04	5.5	2.78	<0.1
1267124	Soil	5.4	22.2	0.23	75.6	0.003	2	1.63	0.004	0.08	<0.1	5.0	0.18	0.03	32	0.5	0.03	4.7	3.10	<0.1
1267125	Soil	8.8	29.1	0.51	193.5	0.004	4	1.87	0.005	0.11	<0.1	10.1	0.13	0.03	172	0.3	0.03	5.0	2.91	<0.1
1267126	Soil	5.1	38.6	0.53	60.5	0.008	3	2.33	0.004	0.10	<0.1	7.6	0.12	0.02	33	0.3	0.03	6.7	5.39	<0.1
1267127	Soil	12.9	33.8	0.55	75.8	0.024	3	1.98	0.008	0.11	0.2	4.5	0.18	0.03	40	0.6	0.04	6.0	5.21	<0.1
1267128	Soil	18.7	33.9	0.35	193.3	0.010	4	2.15	0.007	0.09	0.1	4.7	0.16	0.07	53	0.6	0.03	4.9	2.90	<0.1
1267129	Soil	14.4	32.4	0.56	176.0	0.013	2	2.13	0.006	0.08	0.2	2.7	0.22	0.04	48	0.3	0.05	6.3	3.16	<0.1
1267130	Soil	15.8	27.5	0.42	169.7	0.010	3	1.72	0.006	0.08	0.2	3.2	0.33	0.04	66	0.4	0.05	5.3	4.35	<0.1



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1267101	Soil	0.30	9.2	1.1	<0.05	5.6	21.92	64.9	0.03	1	1.4	39.1	<10	<2
1267102	Soil	0.15	8.1	0.9	<0.05	6.4	16.17	67.2	0.03	<1	1.2	43.2	<10	<2
1267103	Soil	0.24	8.3	0.8	<0.05	7.5	22.50	31.2	0.04	<1	1.4	51.1	<10	<2
1267104	Soil	0.07	7.2	0.6	<0.05	4.4	18.21	24.6	0.04	<1	1.0	6.9	<10	<2
1267105	Soil	0.11	6.9	0.9	<0.05	3.7	10.94	11.9	0.03	<1	0.7	8.5	<10	<2
1267106	Soil	0.11	9.1	0.9	<0.05	5.2	11.92	20.0	0.03	1	1.2	18.1	<10	<2
1267107	Soil	0.12	7.5	1.0	<0.05	2.6	16.66	21.8	0.04	2	1.1	10.1	<10	<2
1267108	Soil	0.36	14.6	1.5	<0.05	0.9	5.24	17.3	0.03	1	0.8	13.5	<10	<2
1267109	Soil	0.39	11.2	1.0	<0.05	2.5	5.15	24.4	0.05	<1	0.8	27.0	<10	<2
1267110	Soil	0.28	9.8	1.9	<0.05	0.7	3.98	17.2	0.03	<1	0.4	7.0	<10	<2
1267111	Soil	0.32	13.2	2.1	<0.05	2.8	17.46	20.4	0.04	<1	0.9	22.6	<10	<2
1267112	Soil	0.36	16.0	1.5	<0.05	2.1	5.29	13.4	0.05	<1	0.9	22.3	<10	<2
1267113	Soil	0.26	11.5	1.9	<0.05	2.4	6.07	17.2	0.05	<1	1.4	26.0	<10	<2
1267114	Soil	0.31	7.8	1.2	<0.05	3.1	21.76	14.4	0.03	<1	0.9	10.9	<10	<2
1267115	Soil	0.44	8.6	0.8	<0.05	1.1	6.85	18.2	<0.02	<1	0.6	9.9	<10	<2
1267116	Soil	0.90	13.1	0.9	<0.05	5.3	6.56	18.8	0.07	<1	1.1	31.7	<10	<2
1267117	Soil	0.27	8.9	0.8	<0.05	1.1	13.06	21.5	0.03	<1	0.9	13.6	<10	<2
1267118	Soil	0.15	4.0	2.2	<0.05	0.5	11.35	12.8	<0.02	<1	0.3	4.3	<10	<2
1267119	Soil	0.16	6.4	0.7	<0.05	1.4	16.15	21.2	0.06	<1	0.5	6.7	12	<2
1267120	Soil	0.18	2.7	1.2	<0.05	0.5	8.16	12.1	0.02	<1	0.5	4.4	<10	<2
1267121	Soil	0.34	8.8	0.7	<0.05	1.2	27.89	30.3	0.09	<1	1.1	11.3	<10	<2
1267122	Soil	0.37	12.9	1.5	<0.05	0.2	3.78	16.6	<0.02	<1	0.3	9.0	<10	<2
1267123	Soil	0.54	13.1	1.0	<0.05	<0.1	4.43	20.8	0.04	<1	0.6	19.6	<10	<2
1267124	Soil	0.38	13.4	0.8	<0.05	1.6	4.41	12.1	0.05	<1	0.9	23.0	<10	<2
1267125	Soil	0.10	9.1	0.9	<0.05	2.7	18.57	19.1	0.06	<1	1.2	33.6	<10	<2
1267126	Soil	0.18	11.5	0.9	<0.05	3.3	6.89	12.1	0.05	<1	1.3	39.1	<10	<2
1267127	Soil	0.46	15.8	0.9	<0.05	0.2	5.37	25.5	0.05	<1	0.7	24.3	<10	<2
1267128	Soil	0.52	14.2	0.8	<0.05	0.8	14.83	54.4	0.05	<1	1.1	17.9	<10	<2
1267129	Soil	0.53	15.8	0.8	<0.05	0.5	7.07	29.5	0.03	<1	0.7	20.3	<10	<2
1267130	Soil	0.52	13.5	1.2	<0.05	0.7	9.06	33.6	0.03	<1	0.8	14.9	<10	<2



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	Method Analyte	Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
			ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
			0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
1267131	Soil		0.69	45.38	38.66	189.7	144	31.3	17.9	488	3.75	20.3	0.8	1.3	1.4	139.8	0.45	0.78	0.32	20
1267132	Soil		0.72	30.64	49.14	227.1	179	24.5	15.1	789	3.42	16.1	1.2	1.8	0.9	110.9	0.67	0.91	0.28	30
1267133	Soil		0.89	17.49	39.31	260.1	230	15.7	8.6	1198	2.49	20.8	1.1	1.2	0.6	46.6	1.48	3.47	0.17	28
1267134	Soil		1.03	15.44	29.04	144.7	169	18.6	10.5	856	2.53	34.3	1.8	1.6	0.5	42.9	0.75	6.86	0.27	40
1267135	Soil		0.91	20.60	42.07	201.2	430	20.9	8.5	4922	4.38	38.6	1.4	2.5	2.4	140.4	0.74	9.42	0.17	24
1267136	Soil		3.72	12.59	11.53	65.8	30	25.9	5.2	168	1.46	29.6	3.1	0.3	1.8	108.6	0.22	1.02	0.15	46
1267137	Soil		2.57	9.09	8.70	38.4	36	14.7	4.6	155	0.85	20.2	1.8	<0.2	0.6	87.4	0.17	0.60	0.10	17
1267138	Soil		2.50	10.07	10.00	28.2	31	11.8	4.0	142	0.76	19.2	2.2	0.2	0.7	96.3	0.15	0.60	0.09	19
1267139	Soil		1.52	5.97	5.03	27.1	27	8.6	2.9	209	0.54	11.5	1.5	0.5	0.2	67.7	0.16	0.49	0.05	17
1267140	Soil		0.29	6.70	7.03	3.6	10	4.7	2.7	128	0.17	4.5	1.1	<0.2	0.2	43.6	0.05	0.25	<0.02	11
1267141	Soil		0.27	2.04	3.12	8.1	12	2.6	1.1	82	0.18	2.3	0.3	<0.2	0.1	17.0	0.08	0.11	0.02	4
1267142	Soil		0.51	4.52	10.13	34.0	69	6.3	2.4	293	0.55	6.2	0.4	1.1	0.3	23.8	0.19	0.36	0.21	10
1267143	Soil		0.47	4.34	16.92	61.8	52	5.9	2.5	323	0.71	4.5	0.5	0.6	0.2	33.7	0.28	0.36	0.09	12
1267144	Soil		1.37	9.40	37.65	166.6	108	14.1	5.7	594	1.75	12.8	1.4	1.5	0.3	43.1	0.54	0.85	0.13	27
1267145	Soil		3.63	14.70	13.16	87.6	20	31.4	5.6	150	1.70	35.8	5.6	1.1	2.8	145.8	0.39	1.18	0.21	60
1267146	Soil		1.42	13.54	70.20	247.3	115	17.3	8.5	763	3.46	16.3	1.6	1.4	1.4	34.3	0.60	0.95	0.22	43
1267147	Soil		0.75	13.23	22.07	80.2	89	15.9	7.3	364	1.92	8.5	2.7	1.2	1.6	193.5	0.30	0.52	0.18	26
1267148	Soil		1.27	13.53	19.43	79.9	72	18.3	7.3	410	1.92	10.1	1.8	1.6	1.1	42.0	0.26	0.58	0.16	31
1267149	Soil		1.42	15.05	30.30	124.1	32	23.3	9.1	391	3.09	13.1	2.0	1.5	2.6	19.3	0.27	0.80	0.26	44
1267150	Soil		1.83	15.92	29.27	116.8	89	21.6	6.5	359	2.23	15.4	3.5	2.1	0.7	42.3	0.39	0.81	0.22	31
1267408	Soil		0.57	35.38	28.48	94.3	55	27.0	15.7	995	3.87	8.8	1.1	1.1	2.8	8.4	0.06	0.24	0.44	25
1267409	Soil		1.31	14.99	16.34	77.8	108	11.7	5.0	268	3.12	7.6	0.7	1.8	0.4	9.3	0.13	0.56	0.34	41
1267410	Soil		0.76	18.18	23.23	133.0	41	19.8	8.7	456	3.43	5.5	0.6	0.3	3.7	6.8	0.25	0.51	0.29	30
1267411	Soil		0.49	23.85	37.83	123.4	49	28.1	9.6	394	2.82	5.3	3.6	1.5	2.1	39.9	0.34	0.43	0.37	23
1267412	Soil		0.42	61.28	47.07	144.8	69	29.3	10.4	269	2.70	37.2	1.6	2.8	3.0	21.3	0.30	0.50	0.38	18
1267413	Soil		0.94	37.05	88.64	246.2	159	25.9	10.0	359	2.63	15.0	1.9	6.5	4.1	61.4	0.84	0.82	0.23	20
1267414	Soil		0.54	39.31	17.20	104.6	116	27.6	10.3	262	2.49	9.9	2.2	7.0	3.6	33.8	0.29	0.46	0.23	28
1267415	Soil		2.27	19.24	27.01	89.2	469	19.2	8.6	296	2.09	11.9	2.1	3.6	2.2	70.5	0.31	0.66	0.20	16
1267416	Soil		1.12	22.24	39.42	118.9	90	18.0	14.8	1105	4.88	14.3	0.7	1.3	1.9	8.4	0.14	0.60	0.44	33
1267417	Soil		0.44	45.80	22.17	86.0	83	32.4	17.2	791	3.82	18.2	1.4	0.5	4.1	16.0	0.10	0.51	0.44	17



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Project: Scarlet
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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1267131	Soil	18.7	14.3	0.17	93.6	0.004	6	0.67	0.006	0.13	<0.1	4.4	0.53	0.06	238	0.7	0.06	1.7	3.11	<0.1
1267132	Soil	14.8	18.6	0.32	142.8	0.005	5	1.02	0.005	0.06	0.1	2.6	0.22	0.10	132	0.4	0.05	2.6	1.55	<0.1
1267133	Soil	9.6	15.9	2.82	122.8	0.007	4	0.91	0.008	0.04	<0.1	1.7	0.16	0.07	178	0.4	0.04	2.3	0.81	<0.1
1267134	Soil	9.3	23.8	0.45	137.1	0.011	3	1.39	0.005	0.05	0.2	1.2	0.16	0.10	90	0.3	0.03	3.9	0.97	<0.1
1267135	Soil	10.8	14.9	3.19	168.7	0.014	4	0.79	0.012	0.07	0.2	2.5	0.27	0.02	231	0.6	0.03	2.2	1.44	<0.1
1267136	Soil	9.4	9.2	6.04	51.2	0.005	9	0.48	0.010	0.11	<0.1	1.4	0.45	0.06	14	0.4	0.04	1.4	6.29	<0.1
1267137	Soil	6.3	7.3	7.60	40.4	0.003	5	0.34	0.011	0.08	<0.1	1.0	1.17	0.09	11	0.4	0.02	0.8	1.94	<0.1
1267138	Soil	6.4	6.5	7.79	35.3	0.003	5	0.33	0.012	0.09	<0.1	1.0	1.14	0.09	18	0.4	0.04	0.7	2.48	<0.1
1267139	Soil	6.0	5.5	8.08	31.4	0.004	4	0.32	0.009	0.04	<0.1	0.5	0.53	0.08	<5	0.3	<0.02	0.7	0.96	<0.1
1267140	Soil	3.3	2.2	10.03	11.5	0.001	<1	0.07	0.004	<0.01	<0.1	0.3	0.37	0.08	<5	0.4	<0.02	0.2	0.41	<0.1
1267141	Soil	2.9	2.1	3.38	9.9	0.002	2	0.09	0.004	<0.01	<0.1	0.2	0.06	<0.02	<5	0.2	<0.02	0.1	0.16	<0.1
1267142	Soil	7.7	4.9	3.37	29.7	0.006	2	0.30	0.005	0.03	<0.1	0.6	0.20	<0.02	<5	0.4	<0.02	0.6	0.46	<0.1
1267143	Soil	6.2	4.2	3.49	37.2	0.004	3	0.32	0.005	0.03	<0.1	0.5	0.17	0.02	19	0.1	<0.02	0.7	0.38	<0.1
1267144	Soil	8.7	11.6	4.41	71.3	0.004	6	0.77	0.008	0.09	<0.1	0.8	0.66	0.07	37	0.3	<0.02	1.7	0.92	<0.1
1267145	Soil	10.8	9.7	4.11	75.0	0.004	10	0.63	0.008	0.15	<0.1	1.6	0.50	0.07	13	0.5	0.05	1.9	8.64	<0.1
1267146	Soil	13.3	18.8	2.68	104.6	0.004	6	1.17	0.006	0.12	<0.1	2.3	0.85	0.05	91	0.4	0.04	2.9	1.51	<0.1
1267147	Soil	10.8	19.3	1.90	99.6	0.009	7	1.11	0.008	0.14	<0.1	2.3	0.26	0.03	96	0.4	<0.02	3.0	1.46	<0.1
1267148	Soil	13.3	20.2	2.76	90.0	0.010	6	1.15	0.009	0.13	<0.1	2.2	0.33	0.04	84	0.3	<0.02	2.9	1.69	<0.1
1267149	Soil	14.6	28.9	0.61	147.0	0.008	5	1.71	0.006	0.14	<0.1	3.1	0.31	0.04	40	0.3	<0.02	4.9	1.68	<0.1
1267150	Soil	12.3	20.6	1.78	91.8	0.005	8	1.07	0.007	0.13	<0.1	1.7	0.47	0.08	90	0.4	0.04	2.9	1.54	<0.1
1267408	Soil	5.9	30.0	0.53	125.0	0.003	2	2.07	0.007	0.13	<0.1	3.6	0.12	0.04	25	0.3	0.04	7.2	3.79	<0.1
1267409	Soil	9.0	20.5	0.16	93.1	0.006	3	1.09	0.003	0.12	<0.1	0.9	0.14	0.04	66	0.4	0.04	5.8	4.74	<0.1
1267410	Soil	16.7	28.1	0.49	77.7	0.005	3	1.45	0.003	0.14	<0.1	1.9	0.13	0.02	24	0.2	0.03	6.8	2.65	<0.1
1267411	Soil	20.1	34.1	0.77	79.1	0.005	3	1.62	0.005	0.07	<0.1	4.3	0.11	0.07	34	0.2	0.02	5.2	1.40	<0.1
1267412	Soil	18.0	31.1	1.17	76.1	0.002	3	1.34	<0.001	0.06	<0.1	4.8	0.08	0.03	19	0.3	0.02	4.0	0.87	<0.1
1267413	Soil	17.1	23.7	1.48	57.7	0.003	5	0.92	0.002	0.14	<0.1	4.4	0.31	0.05	51	0.6	0.02	3.3	1.43	<0.1
1267414	Soil	23.5	35.3	1.74	100.2	0.004	5	1.47	<0.001	0.10	<0.1	5.2	0.17	0.05	17	0.8	<0.02	4.9	2.94	<0.1
1267415	Soil	13.6	11.2	0.82	40.5	0.001	3	0.46	<0.001	0.09	<0.1	2.9	0.25	0.05	78	0.7	<0.02	1.2	0.67	<0.1
1267416	Soil	5.8	22.2	0.24	56.4	0.008	3	1.26	<0.001	0.11	<0.1	2.3	0.23	0.05	59	0.3	0.07	4.6	10.43	<0.1
1267417	Soil	7.4	15.7	0.10	52.0	<0.001	3	0.41	<0.001	0.12	<0.1	4.8	0.19	<0.02	<5	0.1	0.14	1.6	3.91	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Zn
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01
1267131	Soil	0.15	8.1	1.0	<0.05	0.6	22.55	34.6	0.03	<1	0.6	4.8	<10	<2	
1267132	Soil	0.40	5.7	7.2	<0.05	1.7	19.40	28.2	0.05	<1	0.6	8.3	<10	<2	
1267133	Soil	0.37	4.8	0.8	<0.05	0.9	14.03	19.8	0.03	<1	0.5	7.1	<10	<2	
1267134	Soil	0.73	6.3	1.0	<0.05	0.4	9.64	22.3	0.03	<1	0.4	11.3	<10	<2	
1267135	Soil	0.21	6.1	0.7	<0.05	0.7	11.64	23.0	0.20	1	0.5	7.2	11	<2	
1267136	Soil	0.21	8.8	2.0	<0.05	1.3	7.81	18.8	<0.02	<1	0.5	6.1	<10	<2	
1267137	Soil	0.10	4.5	0.9	<0.05	0.8	5.59	10.1	<0.02	<1	0.3	2.2	<10	<2	
1267138	Soil	0.08	5.1	2.7	<0.05	0.9	5.56	10.8	<0.02	1	0.3	2.1	<10	<2	
1267139	Soil	0.08	3.4	0.6	<0.05	0.5	5.25	7.9	<0.02	<1	0.3	2.0	<10	<2	
1267140	Soil	0.03	0.7	1.3	<0.05	0.3	3.25	3.5	<0.02	2	0.1	0.4	<10	<2	
1267141	Soil	0.04	0.9	0.9	<0.05	0.3	2.41	2.7	<0.02	1	<0.1	0.4	<10	<2	
1267142	Soil	0.10	2.6	0.7	<0.05	0.4	6.40	9.1	<0.02	<1	0.1	1.8	<10	<2	
1267143	Soil	0.08	2.8	0.4	<0.05	0.2	5.41	8.1	<0.02	2	0.3	1.8	<10	<2	
1267144	Soil	0.16	6.7	1.6	<0.05	0.2	8.89	14.7	<0.02	2	0.4	5.1	<10	<2	
1267145	Soil	0.15	11.5	2.2	<0.05	2.7	9.03	22.8	<0.02	4	0.7	8.7	<10	<2	
1267146	Soil	0.25	11.2	1.5	<0.05	0.9	11.79	26.2	0.04	<1	0.8	9.2	<10	<2	
1267147	Soil	0.28	10.4	0.9	<0.05	1.1	8.61	20.9	<0.02	<1	0.7	14.6	<10	<2	
1267148	Soil	0.32	10.9	0.8	<0.05	0.8	10.86	24.6	0.02	<1	0.7	11.8	<10	<2	
1267149	Soil	0.59	14.2	0.9	<0.05	1.6	7.94	32.5	0.03	<1	1.0	20.5	<10	2	
1267150	Soil	0.32	10.9	0.8	<0.05	0.8	10.95	22.0	<0.02	<1	0.6	11.7	<10	<2	
1267408	Soil	0.30	17.5	1.8	<0.05	2.0	7.94	14.3	0.04	<1	1.6	42.3	<10	<2	
1267409	Soil	0.36	17.8	1.8	<0.05	0.1	3.05	19.0	0.02	<1	0.4	5.4	<10	<2	
1267410	Soil	0.48	14.3	1.9	<0.05	0.5	3.48	35.9	0.03	<1	0.6	30.5	<10	<2	
1267411	Soil	0.40	9.6	0.6	<0.05	1.8	17.02	37.8	0.04	<1	1.2	31.8	<10	<2	
1267412	Soil	0.16	4.7	1.3	<0.05	3.8	19.25	31.0	0.05	<1	1.1	28.3	<10	<2	
1267413	Soil	0.18	8.6	1.3	<0.05	5.1	12.76	35.4	0.04	<1	0.9	21.5	<10	<2	
1267414	Soil	0.25	10.5	0.6	<0.05	5.1	15.63	42.1	0.03	<1	1.1	40.0	<10	<2	
1267415	Soil	0.13	4.5	1.0	<0.05	4.9	12.04	29.0	0.02	<1	0.8	7.3	<10	<2	
1267416	Soil	0.46	13.5	5.5	<0.05	0.4	3.79	16.7	0.04	<1	0.7	10.8	<10	<2	
1267417	Soil	0.02	8.3	1.4	<0.05	0.2	13.33	25.5	0.04	1	0.9	3.0	<10	<2	



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1267418	Soil	0.63	20.50	85.65	231.5	146	10.4	4.6	1578	4.34	14.7	1.7	0.5	2.0	29.7	0.35	0.63	0.29	11	5.26
1267419	Soil	2.99	13.52	275.0	669.8	278	20.7	8.2	4183	5.29	66.2	3.2	2.0	1.1	37.9	1.71	6.19	0.18	21	7.95
1267420	Soil	1.12	1.99	190.2	536.6	64	3.4	2.5	2030	5.56	12.2	2.1	<0.2	0.2	39.4	0.39	0.78	0.03	5	15.25
1267421	Soil	1.48	13.09	99.37	446.7	134	15.1	5.6	653	2.53	9.7	1.6	0.6	0.9	14.9	1.51	0.63	0.26	34	1.50
1267422	Soil	1.35	13.34	91.49	341.0	76	8.1	4.3	459	2.32	13.7	0.7	0.7	2.4	38.1	1.05	0.47	0.32	9	4.34
1267423	Soil	1.86	6.12	605.2	2273	441	6.1	3.0	1499	1.88	15.1	2.6	0.3	0.3	114.4	8.08	1.09	0.07	5	16.74
1267424	Soil	0.64	34.22	32.95	144.6	53	24.7	13.4	782	3.51	4.9	0.8	1.2	2.8	12.1	0.28	0.46	0.35	23	0.17
1267425	Soil	0.70	23.38	70.99	155.2	95	23.3	11.1	882	2.67	7.0	1.4	1.4	2.2	11.5	0.41	0.37	0.31	24	0.49
1267426	Soil	1.68	18.25	31.47	97.5	81	17.8	8.4	632	1.93	10.3	2.5	0.9	1.4	34.6	0.31	0.44	0.16	24	6.89
1267427	Soil	0.74	23.57	35.12	83.3	49	22.1	13.6	1144	3.19	6.7	0.9	1.0	1.8	8.7	0.15	0.39	0.31	28	0.20
1267428	Soil	1.09	29.76	16.07	66.0	84	22.4	10.9	782	2.38	7.8	0.8	1.6	4.0	27.3	0.19	0.50	0.21	28	3.40
1267429	Soil	0.57	31.21	21.51	80.0	41	22.2	19.1	1581	3.57	5.4	0.8	1.1	3.0	6.0	0.11	0.26	0.32	24	0.07
1267430	Soil	0.99	25.63	19.06	72.6	44	22.5	16.8	1214	3.56	8.1	0.7	1.0	3.6	6.3	0.13	0.43	0.36	35	0.07
1266641	Soil	0.68	12.24	13.79	78.9	21	19.9	9.6	434	2.31	1.6	0.5	<0.2	2.2	258.9	0.10	0.05	0.12	9	11.88
1266642	Soil	1.03	11.91	7.71	63.8	17	21.8	10.2	320	2.36	1.7	0.6	<0.2	2.5	593.4	0.07	0.10	0.10	17	14.34
1266643	Soil	0.51	8.16	7.76	26.7	14	16.4	6.4	237	1.56	1.5	0.4	<0.2	1.8	1049	0.03	0.04	0.06	7	25.21
1266644	Soil	0.72	8.78	9.53	32.9	9	19.7	8.7	215	1.65	2.0	0.5	<0.2	3.5	892.1	0.02	0.06	0.07	5	19.73
1266645	Soil	0.80	11.09	8.55	58.3	14	20.8	8.6	275	1.89	1.8	0.7	<0.2	3.3	751.0	0.05	0.04	0.09	11	16.72
1266646	Soil	0.60	11.54	8.20	52.5	15	16.7	8.6	294	2.10	1.7	0.6	<0.2	2.7	882.6	0.04	0.04	0.09	7	19.66
1266647	Soil	0.68	10.31	8.41	46.9	15	18.9	9.1	305	1.99	2.1	0.6	<0.2	3.0	948.8	0.04	0.05	0.08	9	20.45
1266648	Soil	1.21	16.27	13.84	67.4	35	30.8	12.7	342	2.95	2.9	0.6	<0.2	1.8	315.7	0.08	0.12	0.15	12	7.28
1266649	Soil	1.32	11.90	11.68	53.8	27	22.8	9.2	349	2.21	2.9	0.7	<0.2	2.6	702.9	0.08	0.06	0.12	11	17.29
1266650	Soil	2.66	20.42	17.43	88.4	66	48.6	16.6	276	3.63	4.5	1.0	<0.2	3.4	99.5	0.22	0.23	0.19	45	3.13
1267351	Soil	0.71	29.87	418.2	673.6	42	82.9	49.5	3177	9.51	11.7	4.5	<0.2	3.8	18.5	0.81	0.44	0.55	24	0.53
1267352	Soil	1.36	11.22	343.1	1701	90	13.0	6.6	2078	4.27	13.8	2.1	0.8	0.8	28.8	3.52	0.31	0.15	18	8.78
1267353	Soil	1.58	8.80	274.4	2338	90	10.3	5.4	4180	4.87	7.3	1.9	0.5	0.3	35.1	4.80	0.32	0.11	13	9.61
1267354	Soil	1.98	6.63	1286	>10000	140	7.1	5.4	1894	5.89	7.0	2.2	0.3	0.7	40.9	22.32	0.09	0.04	<2	13.51
1267355	Soil	1.68	11.04	272.8	3336	104	12.5	6.5	2582	5.23	6.7	2.0	0.7	1.0	45.2	6.56	0.14	0.16	5	11.20
1267356	Soil	1.38	13.46	46.06	179.8	33	18.1	16.5	750	4.55	6.0	0.7	1.1	4.7	4.4	0.24	0.41	0.41	27	0.09
1267357	Soil	1.64	14.41	22.69	74.2	26	15.0	8.4	446	3.70	11.9	0.6	1.1	3.5	5.6	0.12	0.78	0.36	57	0.05



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1267418	Soil	3.5	8.4	2.65	63.6	<0.001	6	0.63	0.003	0.17	<0.1	2.3	1.57	0.18	122	0.3	0.04	1.5	2.09	<0.1	0.05
1267419	Soil	11.8	16.6	4.11	110.6	0.004	2	1.07	0.002	0.04	<0.1	2.0	2.08	0.04	4722	0.5	0.03	2.6	0.62	<0.1	0.05
1267420	Soil	3.9	3.9	7.58	28.9	0.001	1	0.12	0.005	<0.01	<0.1	0.6	1.65	<0.02	4457	0.3	<0.02	0.3	0.11	<0.1	<0.02
1267421	Soil	7.5	20.8	0.48	126.3	0.008	2	1.44	0.004	0.05	<0.1	1.6	0.23	0.14	896	0.3	0.03	4.3	1.07	<0.1	0.05
1267422	Soil	2.8	7.1	2.31	111.9	<0.001	7	0.31	0.006	0.27	<0.1	2.7	0.46	0.35	1783	0.1	0.03	1.6	6.06	<0.1	0.03
1267423	Soil	5.6	5.2	8.48	24.2	0.001	3	0.20	0.006	0.03	<0.1	0.7	0.74	<0.02	6487	0.5	0.02	0.7	0.83	<0.1	0.02
1267424	Soil	6.2	19.0	0.22	138.0	0.002	2	1.14	<0.001	0.15	<0.1	4.0	0.16	0.03	362	<0.1	0.03	3.8	4.04	<0.1	<0.02
1267425	Soil	9.5	23.1	0.44	118.0	0.004	2	1.33	0.001	0.09	<0.1	2.9	0.14	0.04	360	0.2	0.03	4.5	1.62	<0.1	0.07
1267426	Soil	8.1	14.4	3.49	90.6	0.005	3	0.68	0.005	0.07	<0.1	2.1	0.15	0.03	69	0.2	<0.02	2.2	0.90	<0.1	0.05
1267427	Soil	8.0	23.9	0.41	130.8	0.005	1	1.44	<0.001	0.09	0.1	2.3	0.12	0.03	41	0.1	0.04	4.5	1.76	<0.1	0.02
1267428	Soil	10.3	19.2	2.12	143.7	0.018	2	0.90	0.006	0.10	0.1	3.2	0.10	<0.02	15	0.2	<0.02	3.1	1.53	<0.1	0.07
1267429	Soil	4.2	25.2	0.34	167.4	0.003	1	1.56	<0.001	0.11	0.1	3.3	0.10	0.03	17	0.2	0.02	5.5	2.96	<0.1	0.03
1267430	Soil	6.6	27.8	0.39	91.5	0.006	1	1.67	<0.001	0.10	0.1	2.8	0.12	<0.02	21	0.2	0.03	6.4	2.92	<0.1	0.03
1266641	Soil	8.8	12.1	0.26	309.7	0.002	9	0.67	0.004	0.22	<0.1	3.0	0.18	0.04	<5	0.2	<0.02	1.8	0.74	<0.1	0.10
1266642	Soil	11.2	13.0	1.00	202.2	0.001	9	0.58	0.008	0.18	<0.1	3.5	0.21	<0.02	<5	0.3	<0.02	1.5	0.71	<0.1	0.07
1266643	Soil	11.1	9.7	0.28	120.8	0.001	7	0.43	0.005	0.14	<0.1	2.7	0.11	<0.02	<5	0.4	<0.02	1.2	0.54	<0.1	0.05
1266644	Soil	10.9	7.5	0.83	104.5	0.001	7	0.39	0.006	0.15	<0.1	3.4	0.06	<0.02	<5	0.2	<0.02	1.1	0.75	<0.1	0.10
1266645	Soil	10.8	9.1	0.70	100.0	0.001	7	0.47	0.006	0.17	<0.1	3.4	0.15	<0.02	<5	0.2	<0.02	1.3	1.27	<0.1	0.08
1266646	Soil	12.3	10.3	0.63	142.4	0.001	7	0.46	0.007	0.14	<0.1	3.6	0.06	<0.02	<5	0.2	<0.02	1.3	0.65	<0.1	0.07
1266647	Soil	13.0	10.4	0.66	112.3	0.001	6	0.45	0.007	0.15	<0.1	3.8	0.09	<0.02	<5	0.2	<0.02	1.4	0.87	<0.1	0.07
1266648	Soil	16.1	14.1	0.42	155.1	0.001	9	0.69	0.005	0.18	<0.1	3.3	0.17	0.07	18	0.4	<0.02	1.8	1.07	<0.1	0.11
1266649	Soil	14.5	11.8	0.30	109.2	0.001	7	0.54	0.005	0.15	<0.1	3.4	0.08	<0.02	<5	0.3	<0.02	1.5	0.79	<0.1	0.06
1266650	Soil	20.0	22.7	0.48	181.4	0.002	9	0.92	0.004	0.28	<0.1	6.1	0.51	0.04	<5	0.4	<0.02	2.6	1.93	<0.1	0.14
1267351	Soil	5.1	13.9	0.19	248.0	0.001	3	0.95	<0.001	0.10	<0.1	12.8	0.11	0.06	<5	0.1	0.05	1.6	2.94	<0.1	0.10
1267352	Soil	13.0	12.9	4.54	123.7	0.005	3	0.77	0.005	0.03	<0.1	1.6	0.77	0.05	273	0.4	0.04	1.9	0.41	<0.1	0.03
1267353	Soil	6.4	11.0	4.91	559.0	0.006	3	0.65	0.006	0.02	<0.1	0.9	0.80	0.06	128	0.5	<0.02	1.7	0.37	<0.1	<0.02
1267354	Soil	3.6	3.9	6.67	37.4	0.002	2	0.20	0.006	0.01	<0.1	0.9	3.71	0.11	706	0.8	0.02	1.3	0.28	0.2	<0.02
1267355	Soil	6.7	7.7	5.41	151.4	0.002	3	0.33	0.007	0.04	<0.1	1.7	0.48	0.06	271	0.6	<0.02	1.3	1.18	<0.1	0.04
1267356	Soil	5.0	22.6	0.24	70.9	0.004	3	1.51	<0.001	0.13	<0.1	3.6	0.21	0.02	11	0.2	0.07	4.5	3.44	<0.1	0.04
1267357	Soil	8.2	24.4	0.29	58.2	0.016	1	1.58	<0.001	0.07	0.2	2.1	0.16	<0.02	<5	0.5	0.07	6.7	1.86	<0.1	0.04



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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1267418	Soil	0.08	9.1	1.0	<0.05	2.2	6.91	7.4	0.02	<1	0.6	2.4	<10	<2
1267419	Soil	0.16	5.5	0.5	<0.05	1.3	14.35	19.3	0.02	<1	0.9	6.2	<10	<2
1267420	Soil	0.02	1.0	0.7	<0.05	0.3	4.04	5.7	<0.02	<1	0.2	0.8	<10	<2
1267421	Soil	0.67	9.5	0.5	<0.05	1.3	6.48	12.5	0.03	<1	0.8	9.3	<10	<2
1267422	Soil	0.04	13.9	1.6	<0.05	1.0	3.79	6.0	0.03	<1	0.6	2.4	<10	<2
1267423	Soil	0.03	2.9	1.0	<0.05	0.4	6.19	9.8	<0.02	1	0.3	1.4	<10	<2
1267424	Soil	0.25	18.0	0.8	<0.05	0.5	8.11	14.9	0.04	<1	1.1	15.3	<10	<2
1267425	Soil	0.42	10.9	0.7	<0.05	2.1	11.59	20.2	0.03	<1	1.0	21.7	<10	<2
1267426	Soil	0.32	5.5	0.9	<0.05	2.2	8.57	18.6	<0.02	<1	0.7	10.7	<10	<2
1267427	Soil	0.41	11.0	0.7	<0.05	0.8	7.97	21.5	0.03	<1	1.2	24.1	<10	<2
1267428	Soil	0.36	7.4	0.5	<0.05	3.2	9.32	22.8	0.03	<1	0.7	16.8	<10	<2
1267429	Soil	0.43	13.0	1.6	<0.05	1.1	5.35	12.9	0.04	<1	1.7	26.4	<10	<2
1267430	Soil	0.63	13.2	1.0	<0.05	1.4	4.35	16.6	0.03	<1	1.0	32.0	<10	<2
1266641	Soil	0.29	10.9	0.6	<0.05	4.6	11.05	22.8	0.03	<1	0.8	4.7	<10	<2
1266642	Soil	0.20	8.4	0.6	<0.05	4.7	9.48	26.2	0.04	<1	1.0	5.2	<10	<2
1266643	Soil	0.10	6.3	0.5	<0.05	3.0	7.82	25.2	0.02	<1	0.6	4.1	<10	<2
1266644	Soil	0.06	6.8	0.3	<0.05	7.7	7.08	23.6	0.02	1	0.7	4.8	<10	<2
1266645	Soil	0.07	9.1	0.8	<0.05	6.6	8.50	24.6	0.02	<1	0.8	5.5	<10	<2
1266646	Soil	0.11	6.7	0.4	<0.05	4.6	10.06	27.6	0.03	<1	0.8	6.0	<10	<2
1266647	Soil	0.07	7.1	0.6	<0.05	5.7	9.64	29.0	0.03	<1	0.9	5.4	<10	<2
1266648	Soil	0.35	9.2	1.0	<0.05	6.5	11.29	35.1	0.04	<1	1.3	7.3	<10	<2
1266649	Soil	0.09	7.2	0.7	<0.05	4.2	11.72	35.2	0.03	<1	0.8	5.1	<10	<2
1266650	Soil	0.31	14.8	1.6	<0.05	8.5	15.98	38.6	0.05	<1	1.5	9.8	<10	<2
1267351	Soil	0.08	8.1	2.5	<0.05	3.2	41.18	10.7	0.09	<1	2.5	8.0	<10	2
1267352	Soil	0.21	3.9	0.7	<0.05	0.8	11.58	21.0	<0.02	<1	0.5	5.6	<10	<2
1267353	Soil	0.15	3.6	1.4	<0.05	0.3	7.12	11.6	<0.02	<1	0.6	4.4	<10	<2
1267354	Soil	0.04	1.2	0.3	<0.05	0.6	6.51	6.3	<0.02	<1	0.2	1.3	<10	<2
1267355	Soil	0.09	4.0	1.4	<0.05	1.1	8.93	10.6	<0.02	<1	0.7	2.1	<10	<2
1267356	Soil	0.43	15.5	0.8	<0.05	1.1	2.93	11.9	0.05	<1	1.3	20.6	<10	<2
1267357	Soil	1.07	11.6	1.7	<0.05	1.6	2.23	17.0	0.04	<1	0.4	14.4	<10	<2



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1267358	Soil	0.92	10.28	109.8	834.3	84	17.6	8.8	2057	3.47	8.0	2.8	3.7	3.1	38.4	1.94	0.34	0.21	26	8.25
1267359	Soil	1.31	3.44	192.9	9746	220	5.7	2.2	3429	7.52	5.6	1.9	0.9	0.4	79.4	37.55	0.14	0.04	<2	16.07
1267360	Soil	1.12	5.06	95.07	338.3	75	10.0	3.5	2116	2.71	6.7	2.3	0.8	0.9	55.6	0.44	0.19	0.09	15	12.95
1267361	Soil	1.87	12.04	94.91	1811	108	18.3	7.1	1607	4.54	9.3	1.3	1.8	1.8	39.2	2.66	0.42	0.14	23	8.43
1267362	Soil	0.99	16.24	60.33	370.0	162	17.4	8.2	810	3.89	5.7	1.3	0.9	2.8	13.6	0.75	0.26	0.34	14	0.71
1267363	Soil	0.97	14.29	39.67	86.2	82	19.2	12.3	613	3.46	10.0	1.0	1.2	2.8	46.0	0.28	0.60	0.34	31	0.87
1267364	Soil	0.64	16.33	30.72	92.0	65	20.8	13.5	443	3.09	8.7	1.2	1.0	4.3	33.1	0.22	0.41	0.40	27	0.62
1267365	Soil	0.37	45.07	13.69	99.6	131	26.9	10.6	376	2.56	5.0	1.5	5.8	3.0	40.8	0.31	0.36	0.21	28	1.32
1267366	Soil	0.47	41.89	14.89	86.8	110	26.7	10.7	403	2.61	5.1	2.2	4.9	3.3	42.3	0.23	0.36	0.24	34	1.01
1267367	Soil	0.25	50.64	14.09	100.2	122	32.3	13.9	320	2.50	7.4	1.2	5.0	5.9	84.7	0.17	0.17	0.23	27	4.18
1267368	Soil	0.74	19.36	21.40	89.4	32	24.3	12.0	508	2.83	7.9	1.2	1.3	3.9	23.0	0.17	0.42	0.32	37	0.61
1267369	Soil	0.91	28.39	16.24	73.4	124	28.2	11.3	481	2.73	12.9	2.4	4.1	3.5	21.6	0.12	0.56	0.27	47	0.39
1266801	Soil	0.74	9.08	14.94	72.2	61	16.7	6.0	645	1.51	14.6	3.0	0.7	0.8	60.5	0.42	0.58	0.12	33	10.25
1266802	Soil	1.40	13.11	25.82	107.9	68	23.0	11.1	869	2.77	19.6	1.7	<0.2	2.6	29.0	0.40	0.89	0.19	38	4.45
1266803	Soil	0.91	18.46	30.49	137.8	134	24.8	10.4	432	2.57	12.4	1.8	1.2	2.7	41.0	0.35	0.84	0.21	32	4.17
1266804	Soil	1.90	8.25	6.06	25.9	16	11.5	3.7	192	0.74	11.2	3.8	0.2	1.1	94.9	0.20	0.42	0.07	18	18.16
1266805	Soil	1.09	19.37	34.99	154.3	158	22.8	11.3	800	2.81	17.7	1.6	0.9	2.0	39.9	0.38	2.03	0.21	25	2.54
1266806	Soil	0.99	20.65	37.51	132.4	159	22.2	10.9	643	3.14	15.5	1.2	1.1	2.9	32.5	0.46	1.81	0.23	29	1.96
1266807	Soil	0.97	20.85	40.81	176.5	192	18.8	9.1	729	2.66	19.5	2.9	1.5	1.2	53.1	0.61	2.46	0.19	25	2.00
1266808	Soil	1.05	24.81	37.09	152.6	191	21.9	9.9	580	2.72	16.4	1.1	2.0	2.0	40.3	0.60	3.16	0.20	25	3.27
1266809	Soil	0.99	23.10	34.72	129.3	141	22.8	10.3	435	3.00	16.4	1.4	1.2	3.7	44.5	0.45	1.87	0.24	25	3.12
1266810	Soil	0.76	27.61	26.41	156.9	155	26.0	12.0	431	2.91	10.7	1.9	3.0	3.0	66.4	0.41	1.16	0.23	31	1.69
1266811	Soil	0.58	31.67	20.61	144.7	143	27.3	11.8	377	2.57	8.0	2.7	1.9	3.1	64.3	0.43	0.87	0.20	31	1.49
1266812	Soil	0.67	27.49	22.52	127.2	121	25.8	11.1	335	2.55	7.3	1.7	2.3	3.8	57.6	0.35	0.88	0.21	23	1.61
1266813	Soil	0.54	31.97	22.86	140.0	125	28.6	12.2	350	2.53	6.5	2.2	2.4	3.9	54.1	0.36	0.76	0.24	24	1.43
1266814	Soil	1.23	29.88	46.34	182.2	255	35.8	15.6	676	3.67	15.7	2.0	1.4	4.6	21.6	0.28	0.64	0.40	25	1.57
1266815	Soil	1.31	53.54	97.05	293.1	538	66.3	24.0	725	6.25	37.8	1.5	1.4	6.2	13.6	0.26	0.92	0.62	12	0.29
1266816	Soil	1.13	6.37	19.26	96.0	79	13.0	4.6	422	1.10	9.7	1.3	1.1	0.6	56.9	0.31	0.46	0.08	27	13.46
1266817	Soil	1.94	4.75	29.32	120.3	71	6.2	2.8	475	1.71	9.3	1.9	0.7	0.4	57.6	0.31	0.77	0.03	12	13.81
1266818	Soil	7.77	9.01	10.11	46.4	171	21.9	4.1	192	0.91	31.9	5.9	0.9	0.4	218.5	0.33	0.82	0.05	64	12.12



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Project: Scarlet
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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1267358	Soil	10.7	22.8	4.23	119.4	0.003	3	1.45	0.005	0.05	<0.1	3.3	0.32	<0.02	48	0.5	<0.02	3.1	0.93	<0.1
1267359	Soil	5.8	4.5	7.52	39.0	0.002	3	0.17	0.009	0.02	<0.1	0.6	2.24	0.15	416	1.0	0.04	1.1	0.24	0.2
1267360	Soil	6.6	11.3	6.78	82.6	0.008	2	0.64	0.008	0.03	<0.1	1.2	0.38	<0.02	30	0.4	0.03	1.7	0.46	<0.1
1267361	Soil	8.8	17.9	4.34	105.6	0.014	2	0.89	0.006	0.04	0.1	1.7	1.23	<0.02	76	0.6	0.04	2.5	0.56	<0.1
1267362	Soil	6.9	11.8	0.21	90.5	0.002	5	0.66	0.002	0.07	<0.1	2.0	0.41	0.04	170	0.5	0.02	1.9	0.88	<0.1
1267363	Soil	8.1	19.5	0.26	139.9	0.002	2	1.19	0.002	0.06	<0.1	2.3	0.15	0.02	46	0.4	0.05	3.6	1.35	<0.1
1267364	Soil	14.9	21.9	0.40	107.2	0.004	4	1.33	<0.001	0.12	<0.1	2.8	0.13	<0.02	29	0.5	0.08	4.4	1.73	<0.1
1267365	Soil	26.2	35.1	1.37	166.6	0.008	7	1.64	0.001	0.14	<0.1	5.3	0.10	0.05	59	0.9	0.02	5.1	1.60	<0.1
1267366	Soil	29.6	39.3	1.36	136.8	0.011	6	1.79	0.001	0.11	<0.1	6.0	0.11	0.05	51	1.1	0.04	5.5	1.49	<0.1
1267367	Soil	23.9	40.8	1.71	98.0	0.001	4	1.26	0.004	0.09	<0.1	5.1	0.06	0.02	54	1.1	<0.02	3.7	1.44	<0.1
1267368	Soil	18.2	38.8	0.86	146.7	0.009	3	1.84	0.002	0.07	0.1	5.3	0.12	0.03	21	0.7	0.05	5.4	1.79	<0.1
1267369	Soil	17.4	34.8	0.69	229.0	0.019	2	1.73	0.005	0.07	0.2	4.7	0.11	<0.02	52	0.6	0.03	4.8	1.06	<0.1
1266801	Soil	7.7	20.4	5.20	82.5	0.006	4	0.83	0.007	0.06	<0.1	1.4	0.22	<0.02	39	0.4	0.04	2.2	0.88	<0.1
1266802	Soil	12.2	23.5	2.54	105.3	0.002	5	1.00	0.003	0.10	<0.1	3.0	0.32	0.03	63	0.4	<0.02	2.7	0.92	<0.1
1266803	Soil	12.9	26.6	2.43	101.0	0.007	6	1.20	0.005	0.13	<0.1	3.3	0.29	0.02	92	0.7	0.02	3.6	1.38	<0.1
1266804	Soil	5.0	5.7	7.26	36.8	0.004	3	0.27	0.009	0.06	<0.1	1.0	0.28	<0.02	13	0.3	0.05	0.8	1.58	<0.1
1266805	Soil	11.6	20.7	1.29	190.3	0.004	7	1.10	0.004	0.14	<0.1	3.0	0.22	0.05	126	0.5	<0.02	3.1	1.37	<0.1
1266806	Soil	15.0	23.8	1.10	147.7	0.004	6	1.22	0.003	0.11	<0.1	3.9	0.20	0.04	109	0.7	0.03	3.3	1.07	<0.1
1266807	Soil	8.9	19.4	0.86	174.3	0.003	6	0.98	0.003	0.10	<0.1	2.1	0.30	0.09	162	1.0	0.03	3.0	0.75	<0.1
1266808	Soil	10.5	19.7	1.50	201.2	0.005	6	0.99	0.005	0.14	<0.1	2.9	0.21	0.05	196	0.6	<0.02	3.0	1.15	<0.1
1266809	Soil	12.9	22.6	1.68	104.3	0.004	6	1.06	0.004	0.13	<0.1	4.1	0.21	0.03	123	0.7	0.04	3.1	1.48	<0.1
1266810	Soil	16.2	32.9	0.85	193.8	0.006	6	1.28	0.004	0.12	<0.1	4.5	0.17	0.05	114	1.2	0.03	4.2	1.40	<0.1
1266811	Soil	15.4	33.3	0.84	204.0	0.007	5	1.36	0.004	0.11	<0.1	4.4	0.16	0.06	112	1.4	0.05	4.2	1.66	<0.1
1266812	Soil	16.8	30.4	1.05	169.9	0.005	4	1.18	0.002	0.10	<0.1	4.2	0.12	0.04	99	0.9	<0.02	3.5	1.19	<0.1
1266813	Soil	18.5	32.4	0.90	192.1	0.004	5	1.32	0.002	0.11	<0.1	4.3	0.13	0.05	82	1.0	0.03	3.8	1.09	<0.1
1266814	Soil	12.9	20.9	1.01	93.5	0.006	6	1.11	0.002	0.17	<0.1	4.6	0.41	0.02	66	0.4	0.08	3.3	5.32	<0.1
1266815	Soil	10.9	15.5	0.26	77.5	0.002	5	0.95	0.001	0.19	<0.1	6.8	0.26	0.05	140	1.1	0.19	2.5	4.36	<0.1
1266816	Soil	8.7	11.6	6.94	53.7	0.004	3	0.56	0.007	0.04	<0.1	1.1	0.25	<0.02	25	0.5	<0.02	1.5	0.53	<0.1
1266817	Soil	3.9	4.5	7.12	21.8	0.003	3	0.19	0.007	0.03	<0.1	0.6	1.11	<0.02	40	0.2	<0.02	0.4	0.25	<0.1
1266818	Soil	5.1	10.9	5.78	35.3	0.001	4	0.23	0.006	0.05	<0.1	1.1	0.65	<0.02	95	0.3	0.03	0.7	0.43	<0.1



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Zn
		ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10	ppb 2	% 0.01
1267358	Soil	0.28	9.5	0.8	<0.05	1.8	10.72	21.0	0.04	<1	0.9	15.1	<10	<2	
1267359	Soil	0.06	2.7	0.7	<0.05	0.5	7.55	10.4	<0.02	<1	0.4	1.3	<10	<2	
1267360	Soil	0.22	4.2	0.5	<0.05	0.5	6.59	11.6	<0.02	<1	0.5	5.2	<10	<2	
1267361	Soil	0.35	5.7	2.0	<0.05	0.7	7.15	17.4	<0.02	<1	0.5	8.7	<10	<2	
1267362	Soil	0.19	7.2	0.5	<0.05	2.0	6.64	15.9	0.03	<1	0.6	5.5	<10	<2	
1267363	Soil	0.34	11.2	0.7	<0.05	1.7	4.79	23.0	0.03	<1	0.7	15.7	<10	<2	
1267364	Soil	0.33	13.1	1.1	<0.05	1.9	8.60	44.7	0.04	<1	0.8	26.4	<10	<2	
1267365	Soil	0.32	11.7	0.9	<0.05	4.4	18.63	46.7	0.03	<1	1.2	45.7	<10	<2	
1267366	Soil	0.47	12.0	0.6	<0.05	3.3	24.66	47.6	0.03	<1	1.3	44.5	<10	<2	
1267367	Soil	0.09	6.6	0.8	<0.05	5.0	13.73	47.2	0.03	<1	1.1	32.5	<10	<2	
1267368	Soil	0.63	11.6	0.8	<0.05	2.3	12.35	43.9	0.03	<1	1.0	35.7	<10	<2	
1267369	Soil	0.64	8.5	1.0	<0.05	1.4	13.77	35.5	0.03	<1	0.9	22.0	<10	<2	
1266801	Soil	0.32	7.2	1.4	<0.05	0.9	7.45	16.8	<0.02	<1	0.6	8.1	<10	<2	
1266802	Soil	0.30	7.8	2.6	<0.05	2.2	8.62	31.8	0.02	<1	1.0	12.7	<10	<2	
1266803	Soil	0.39	9.8	1.2	<0.05	2.5	10.91	28.0	0.02	<1	0.8	18.6	<10	<2	
1266804	Soil	0.14	3.8	0.9	<0.05	1.6	5.30	10.1	<0.02	<1	0.2	2.4	<10	<2	
1266805	Soil	0.36	9.1	0.7	<0.05	1.7	9.35	29.9	0.03	<1	0.8	14.1	<10	<2	
1266806	Soil	0.36	7.7	1.2	<0.05	2.5	13.76	31.3	0.03	<1	0.8	16.7	<10	<2	
1266807	Soil	0.35	7.0	0.4	<0.05	2.2	10.02	19.8	0.03	1	0.7	12.2	<10	<2	
1266808	Soil	0.43	8.4	0.9	<0.05	2.6	11.68	22.4	<0.02	<1	0.9	12.8	<10	<2	
1266809	Soil	0.32	9.5	1.0	<0.05	3.6	12.83	26.0	0.03	<1	0.9	14.4	<10	<2	
1266810	Soil	0.49	9.5	0.7	<0.05	3.4	12.72	35.0	0.03	<1	0.9	18.8	<10	<2	
1266811	Soil	0.52	10.0	0.4	<0.05	5.0	12.69	33.8	0.03	<1	0.9	20.7	<10	<2	
1266812	Soil	0.41	7.8	1.3	<0.05	4.7	12.24	36.0	0.03	<1	1.0	19.3	<10	<2	
1266813	Soil	0.37	8.3	0.4	<0.05	4.9	13.02	38.9	0.03	<1	1.0	20.5	<10	<2	
1266814	Soil	0.20	14.1	2.7	<0.05	2.7	19.94	30.7	0.03	<1	1.1	15.2	<10	<2	
1266815	Soil	0.09	13.8	0.7	<0.05	6.0	23.46	30.7	0.05	<1	1.0	7.1	<10	<2	
1266816	Soil	0.16	4.1	1.1	<0.05	0.9	9.12	14.7	<0.02	<1	0.5	5.0	<10	<2	
1266817	Soil	0.05	1.5	0.6	<0.05	0.7	4.18	6.3	<0.02	<1	0.2	1.4	<10	<2	
1266818	Soil	0.05	2.5	1.1	<0.05	1.0	6.20	10.5	<0.02	<1	0.3	1.6	<10	<2	



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1266819	Soil	0.67	3.11	3.04	10.5	15	10.8	1.6	230	0.31	8.2	3.0	0.9	0.2	92.6	0.08	0.52	0.02	18	16.15
1266820	Soil	0.68	3.81	3.82	11.1	11	11.0	1.9	256	0.30	9.8	3.4	<0.2	0.2	92.2	0.09	0.45	0.03	20	15.43
1266821	Soil	0.38	1.64	2.89	5.5	7	7.8	1.2	240	0.18	3.7	1.0	<0.2	0.1	66.1	0.06	0.26	<0.02	12	15.25
1267031	Soil	1.31	12.15	100.3	238.8	83	11.8	6.1	2247	1.85	8.9	3.8	0.7	0.6	41.8	0.90	0.45	0.18	28	5.66
1267032	Soil	1.67	17.32	78.35	204.2	95	20.0	8.3	1113	2.46	15.3	3.4	0.5	2.1	39.9	0.39	0.69	0.25	47	3.63
1267033	Soil	1.60	16.86	75.45	215.9	95	22.8	9.8	1405	2.60	11.1	2.4	0.6	2.0	24.0	0.73	0.55	0.27	31	1.49
1267034	Soil	0.84	31.82	53.49	125.9	56	24.6	18.5	1087	4.00	7.9	0.9	3.1	1.6	11.7	0.45	0.52	0.47	25	0.26
1267035	Soil	0.83	24.50	30.70	70.4	31	20.1	21.2	1838	4.08	7.8	0.9	3.3	3.3	7.2	0.07	0.39	0.42	34	0.05
1267036	Soil	0.83	39.17	53.28	94.9	58	30.2	40.2	3690	4.95	13.2	1.1	1.6	3.7	7.9	0.10	0.39	0.52	32	0.07
1267037	Soil	0.47	15.56	16.22	59.9	61	15.1	7.7	458	2.04	4.7	1.0	1.0	1.9	14.5	0.14	0.32	0.26	19	0.83
1267038	Soil	0.74	12.97	11.07	61.3	89	16.1	5.7	172	1.87	3.1	0.7	1.3	1.6	17.4	0.13	0.29	0.28	21	0.41
1267039	Soil	0.81	19.07	21.73	67.5	130	19.3	12.4	509	2.38	2.7	1.4	1.9	1.9	24.4	0.12	0.34	0.25	21	0.89
1267040	Soil	1.57	14.47	19.88	78.3	71	15.1	7.4	395	2.24	4.8	0.6	1.0	0.5	18.8	0.20	0.39	0.24	27	0.36
1267041	Soil	1.53	15.97	19.55	88.0	52	21.9	10.5	366	2.64	5.4	0.5	1.3	0.5	25.0	0.17	0.45	0.23	30	0.40
1267042	Soil	1.80	16.07	18.23	94.4	44	25.3	12.0	610	3.31	5.0	0.8	1.0	1.0	52.8	0.16	0.33	0.23	37	0.94
1267043	Soil	2.16	18.18	22.09	91.0	71	34.0	13.2	358	3.37	5.3	0.8	2.4	1.5	53.8	0.18	0.34	0.22	30	0.90
1267044	Soil	1.42	17.30	17.03	101.3	84	33.1	12.9	397	3.40	4.0	0.6	0.4	1.6	108.4	0.28	0.23	0.19	28	1.85
1267045	Soil	1.08	17.00	17.05	99.9	65	34.6	13.0	386	3.59	3.9	0.7	1.0	2.1	79.7	0.21	0.17	0.20	26	1.26
1267046	Soil	1.42	15.16	16.56	114.3	78	30.9	14.7	1118	3.59	4.3	0.7	0.8	1.7	45.6	0.36	0.22	0.20	30	0.74
1267047	Soil	0.98	13.70	12.53	66.9	32	26.2	10.6	313	2.63	2.6	0.6	0.4	2.1	561.0	0.12	0.11	0.12	16	10.41
1267048	Soil	1.24	15.86	16.63	87.3	41	32.0	14.9	544	3.81	3.5	0.8	<0.2	2.3	91.8	0.13	0.16	0.17	25	1.33
1267049	Soil	1.20	15.45	15.50	85.9	40	30.9	11.7	421	3.38	3.4	0.6	0.5	2.5	117.4	0.16	0.16	0.17	25	2.16
1267050	Soil	1.36	13.52	15.20	68.3	53	21.3	8.5	309	3.39	3.2	0.8	0.2	2.7	25.2	0.08	0.14	0.22	29	0.46
1267325	Soil	0.54	29.36	21.90	109.7	82	24.5	10.0	223	2.70	4.9	1.1	3.2	4.8	58.9	0.33	0.26	0.19	29	1.55
1267326	Soil	0.30	28.95	22.58	91.8	79	22.3	8.1	284	2.14	4.0	3.8	2.8	1.9	50.1	0.22	0.25	0.16	28	1.47
1267327	Soil	0.94	46.36	38.03	70.3	210	26.2	21.6	382	2.65	10.5	1.0	7.7	5.4	19.0	0.19	0.46	0.23	25	0.60
1267328	Soil	0.43	26.82	19.21	115.7	130	23.4	8.5	219	2.39	4.0	1.8	2.1	3.3	44.8	0.28	0.32	0.16	28	1.02
1267329	Soil	0.47	35.06	18.32	110.4	97	26.3	9.6	307	2.68	4.8	1.7	3.2	4.0	38.0	0.33	0.33	0.18	36	1.05
1267330	Soil	0.23	29.73	13.51	100.7	69	29.6	10.2	206	2.41	1.7	1.5	2.3	5.4	44.2	0.17	0.22	0.17	25	1.03
1267331	Soil	0.39	27.97	20.03	88.8	70	28.1	10.1	376	2.27	2.0	2.4	3.2	2.7	92.6	0.27	0.23	0.22	20	1.87



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1266819	Soil	3.2	5.4	8.14	22.0	0.003	3	0.11	0.008	0.02	<0.1	0.4	0.34	<0.02	21	0.2	<0.02	0.3	0.24	<0.1
1266820	Soil	3.8	6.3	7.72	24.1	0.002	4	0.13	0.009	0.03	<0.1	0.4	0.40	<0.02	22	0.2	0.02	0.3	0.27	<0.1
1266821	Soil	2.8	3.4	7.76	22.9	0.002	2	0.08	0.007	0.01	<0.1	0.3	0.24	<0.02	22	0.3	<0.02	0.2	0.15	<0.1
1267031	Soil	18.4	20.4	1.91	160.9	0.009	6	1.33	0.005	0.11	<0.1	1.1	0.24	0.16	76	0.6	0.05	3.4	1.24	<0.1
1267032	Soil	27.1	29.8	0.95	142.2	0.015	8	1.91	0.006	0.20	0.1	2.9	0.41	0.08	75	0.8	0.03	5.4	3.55	<0.1
1267033	Soil	21.5	24.9	0.65	134.1	0.007	4	1.57	0.004	0.13	0.1	2.6	0.21	0.05	155	0.5	0.05	4.1	1.67	<0.1
1267034	Soil	5.4	22.3	0.30	119.4	0.003	3	1.42	0.002	0.15	<0.1	2.5	0.20	0.08	378	0.2	0.04	4.9	3.03	<0.1
1267035	Soil	6.8	29.1	0.37	131.7	0.007	2	1.57	0.002	0.11	0.1	3.3	0.13	<0.02	25	0.2	0.04	6.2	3.66	<0.1
1267036	Soil	6.7	32.4	0.61	155.9	0.004	2	2.14	0.002	0.11	0.1	5.4	0.14	0.03	45	0.2	0.03	7.2	5.41	<0.1
1267037	Soil	13.1	18.4	0.42	118.8	0.004	5	1.13	0.003	0.14	<0.1	2.1	0.10	0.06	24	0.2	0.03	3.5	1.13	<0.1
1267038	Soil	15.3	18.8	0.34	100.0	0.004	5	1.16	0.002	0.16	<0.1	1.9	0.10	0.06	21	0.2	0.03	3.6	1.42	<0.1
1267039	Soil	22.1	20.7	0.34	120.6	0.004	7	1.07	0.003	0.18	<0.1	3.2	0.15	0.09	33	0.3	<0.02	3.4	2.36	<0.1
1267040	Soil	7.4	16.4	0.15	106.8	0.003	4	0.88	0.003	0.17	<0.1	0.9	0.13	0.06	21	0.3	0.03	3.6	1.43	<0.1
1267041	Soil	8.5	21.0	0.27	80.4	0.005	5	0.99	0.003	0.14	<0.1	1.0	0.14	0.05	18	0.3	0.05	3.5	1.59	<0.1
1267042	Soil	14.0	22.7	0.21	169.5	0.002	7	1.28	0.003	0.20	<0.1	2.2	0.18	0.10	34	0.4	0.04	4.4	1.02	<0.1
1267043	Soil	18.7	23.9	0.24	140.8	0.002	6	1.21	0.002	0.19	<0.1	2.6	0.20	0.07	20	0.3	0.02	3.3	1.18	<0.1
1267044	Soil	22.9	21.0	0.27	172.9	0.001	9	1.26	0.002	0.23	<0.1	3.5	0.21	0.08	32	0.3	<0.02	3.6	0.92	<0.1
1267045	Soil	25.3	22.7	0.28	171.0	0.001	10	1.38	0.002	0.28	<0.1	4.2	0.19	0.07	39	0.3	<0.02	3.9	0.81	<0.1
1267046	Soil	25.2	23.0	0.25	194.4	0.002	7	1.37	0.002	0.27	<0.1	3.4	0.21	0.08	29	0.3	0.02	3.9	0.74	<0.1
1267047	Soil	17.8	15.5	0.29	110.2	0.001	9	0.93	0.005	0.20	<0.1	3.8	0.17	0.04	21	0.3	<0.02	2.2	0.84	<0.1
1267048	Soil	28.0	24.2	0.27	192.2	0.001	8	1.50	0.002	0.22	<0.1	4.7	0.19	0.08	36	0.2	<0.02	3.9	1.01	<0.1
1267049	Soil	24.6	21.4	0.25	385.7	0.001	10	1.21	0.002	0.23	<0.1	4.4	0.21	0.08	26	0.3	<0.02	3.4	0.83	<0.1
1267050	Soil	16.2	24.4	0.25	314.8	0.001	6	1.76	0.001	0.23	<0.1	3.7	0.26	0.07	29	0.2	<0.02	5.0	1.42	<0.1
1267325	Soil	27.6	43.1	1.75	102.6	0.003	3	1.32	0.002	0.11	<0.1	6.6	0.11	0.03	61	1.1	<0.02	4.4	2.56	<0.1
1267326	Soil	21.4	44.5	1.96	182.4	0.006	4	1.77	<0.001	0.08	<0.1	4.0	0.10	0.08	47	1.3	<0.02	5.9	1.48	<0.1
1267327	Soil	30.1	43.4	1.94	66.4	0.002	3	1.83	<0.001	0.11	<0.1	7.8	0.14	0.03	39	1.1	<0.02	5.5	4.09	<0.1
1267328	Soil	25.2	42.5	1.46	127.7	0.003	5	1.44	0.001	0.10	<0.1	5.4	0.12	0.06	51	1.3	<0.02	4.7	1.78	<0.1
1267329	Soil	27.5	56.5	2.89	181.4	0.007	5	2.26	<0.001	0.13	<0.1	7.7	0.12	0.04	55	1.0	<0.02	7.4	4.08	<0.1
1267330	Soil	27.5	48.5	2.07	196.5	0.006	5	1.92	<0.001	0.13	<0.1	6.5	0.10	0.03	38	0.6	<0.02	6.3	3.80	<0.1
1267331	Soil	22.0	38.4	1.52	550.9	0.005	5	1.61	0.002	0.09	<0.1	4.7	0.10	0.08	54	0.7	<0.02	5.1	2.21	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1266819	Soil	0.05	1.0	0.5	<0.05	0.5	4.56	4.6	<0.02	2	0.2	1.2	<10	<2
1266820	Soil	0.05	1.2	0.9	<0.05	0.7	5.17	5.2	<0.02	<1	0.1	1.0	<10	<2
1266821	Soil	0.04	0.8	0.8	<0.05	0.5	4.49	3.6	<0.02	<1	0.1	1.0	<10	<2
1267031	Soil	0.32	9.5	2.3	<0.05	1.0	24.21	27.2	<0.02	<1	0.8	8.6	<10	<2
1267032	Soil	0.47	18.7	0.9	<0.05	2.3	54.69	29.9	0.03	<1	1.0	14.3	<10	<2
1267033	Soil	0.29	12.3	1.0	<0.05	1.4	24.70	46.2	0.03	<1	1.3	16.9	<10	<2
1267034	Soil	0.34	16.1	1.2	<0.05	1.0	7.60	13.7	0.06	<1	1.6	20.4	<10	<2
1267035	Soil	0.48	16.0	1.9	<0.05	0.9	5.50	19.7	0.05	<1	1.4	28.2	<10	<2
1267036	Soil	0.30	15.0	1.8	<0.05	2.1	8.84	23.1	0.06	<1	2.2	49.0	<10	<2
1267037	Soil	0.39	12.6	0.7	<0.05	2.5	10.59	24.5	0.03	<1	0.9	17.9	<10	<2
1267038	Soil	0.33	13.6	0.7	<0.05	2.6	8.61	38.3	0.02	<1	0.8	14.4	<10	<2
1267039	Soil	0.34	15.6	3.5	<0.05	2.8	21.00	58.8	0.03	<1	0.8	11.2	<10	<2
1267040	Soil	0.27	13.4	1.1	<0.05	0.6	4.95	22.0	0.02	<1	0.5	7.3	<10	<2
1267041	Soil	0.23	12.6	1.3	<0.05	0.3	3.82	27.1	0.03	<1	0.6	11.7	<10	<2
1267042	Soil	0.49	14.8	1.1	<0.05	3.4	9.68	33.7	0.04	<1	1.1	10.1	<10	<2
1267043	Soil	0.36	13.4	1.9	<0.05	4.2	13.48	51.6	0.04	<1	1.5	13.8	<10	<2
1267044	Soil	0.44	14.7	1.2	<0.05	6.2	15.81	45.9	0.05	<1	1.4	11.5	<10	<2
1267045	Soil	0.50	14.8	0.9	<0.05	7.4	16.86	48.5	0.05	<1	1.6	12.7	<10	<2
1267046	Soil	0.40	14.8	0.9	<0.05	5.5	16.06	56.5	0.05	<1	1.4	11.1	<10	<2
1267047	Soil	0.29	11.0	0.8	<0.05	5.3	13.01	40.0	0.04	<1	1.2	7.9	<10	<2
1267048	Soil	0.41	16.1	0.7	<0.05	7.2	17.93	64.1	0.04	<1	1.9	12.7	<10	<2
1267049	Soil	0.44	14.9	1.2	<0.05	8.0	16.99	52.4	0.04	<1	1.5	10.7	<10	<2
1267050	Soil	0.46	22.1	0.8	<0.05	7.7	12.22	36.4	0.05	<1	1.4	11.2	<10	<2
1267325	Soil	0.23	11.6	2.0	<0.05	4.8	18.46	53.2	0.04	<1	1.2	28.5	<10	<2
1267326	Soil	0.35	9.0	0.5	<0.05	4.8	16.48	42.7	0.03	<1	1.0	48.8	<10	<2
1267327	Soil	0.22	12.2	1.1	<0.05	6.8	18.63	62.7	0.04	<1	1.2	45.3	<10	<2
1267328	Soil	0.29	11.3	0.5	<0.05	5.3	16.93	51.0	0.04	<1	0.9	38.8	<10	<2
1267329	Soil	0.31	16.0	1.8	<0.05	6.5	21.42	52.2	0.04	<1	1.2	61.7	<10	<2
1267330	Soil	0.27	13.5	0.5	<0.05	7.5	19.02	53.3	0.03	<1	1.3	49.8	<10	<2
1267331	Soil	0.36	10.8	1.5	<0.05	6.9	19.72	48.7	0.04	<1	0.9	38.5	<10	<2



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
1267332	Soil	0.27	25.33	32.59	124.8	54	45.9	15.0	543	3.24	4.2	3.1	1.7	6.9	72.0	0.30	0.26	0.32	21	1.52
1267333	Soil	0.24	29.52	16.72	114.0	104	30.2	11.0	340	2.44	3.5	3.6	2.0	3.0	59.2	0.22	0.29	0.21	26	1.33
1267431	Soil	1.04	17.36	17.44	33.3	69	18.1	8.3	484	1.52	15.7	1.1	0.7	1.1	82.0	0.11	0.49	0.24	22	9.15
1267432	Soil	1.10	21.25	29.22	77.7	58	18.2	7.6	539	2.05	8.0	1.1	1.5	2.1	60.1	0.15	0.30	0.25	20	8.91
1267433	Soil	0.96	20.30	21.24	78.2	59	16.7	8.3	487	2.03	8.2	1.0	0.6	1.4	52.2	0.13	0.34	0.25	22	8.47
1267434	Soil	2.15	7.74	30.12	110.4	95	11.3	5.0	963	1.59	10.4	1.8	0.7	0.3	84.2	0.39	0.60	0.07	20	15.83
1267435	Soil	0.76	5.31	44.74	331.6	143	7.1	3.5	1653	1.94	7.0	1.4	0.3	0.2	36.9	0.64	0.66	0.07	17	14.25
1267436	Soil	0.78	24.25	22.59	97.3	140	22.4	9.8	311	2.79	9.7	2.6	3.0	2.3	43.7	0.36	0.66	0.19	36	1.24
1267437	Soil	0.79	27.82	21.21	119.1	149	27.5	10.4	343	2.69	10.5	5.2	3.7	2.4	68.5	0.32	0.57	0.19	38	1.58
1267438	Soil	0.65	31.96	26.00	98.7	80	23.2	10.0	381	2.52	6.0	1.3	1.8	1.9	68.1	0.30	0.71	0.23	24	2.31
1267439	Soil	0.99	43.37	26.22	99.1	126	22.3	10.2	358	2.39	7.0	1.0	3.6	4.0	135.4	0.27	0.80	0.27	21	6.33
1267162	Soil	17.02	11.48	12.46	73.5	115	29.0	7.9	284	2.07	41.1	5.4	0.4	1.8	109.4	0.27	0.78	0.08	27	12.84
1267163	Soil	4.87	21.24	20.24	87.0	114	30.1	13.0	381	3.09	29.4	2.4	3.2	4.1	130.2	0.32	0.97	0.17	23	6.44
1267164	Soil	3.79	23.63	22.50	90.7	153	27.5	12.0	318	2.92	25.3	4.0	2.5	3.7	43.8	0.32	0.82	0.15	37	4.53
1267165	Soil	8.74	20.54	24.11	168.3	204	24.6	10.3	263	2.85	34.1	7.7	1.8	1.8	59.7	0.40	1.15	0.14	47	5.74
1267166	Soil	11.07	25.74	26.81	154.0	231	31.6	13.8	412	3.56	38.6	8.4	1.5	2.4	50.1	0.39	1.23	0.18	51	3.09
1267167	Soil	7.10	18.48	16.07	94.1	84	31.0	12.1	396	2.93	12.8	3.3	0.7	2.6	84.7	0.24	0.52	0.15	29	4.29
1267168	Soil	0.59	11.63	9.55	49.6	51	21.6	8.9	281	2.08	2.5	0.5	0.6	1.3	47.4	0.12	0.11	0.12	15	0.80
1267169	Soil	1.37	15.22	15.09	77.6	81	29.3	11.7	316	2.68	4.7	0.5	0.8	1.7	71.3	0.17	0.21	0.17	20	1.30
1267170	Soil	1.98	17.66	16.40	89.5	96	37.1	13.6	377	3.08	5.3	0.6	0.7	2.1	168.2	0.17	0.23	0.18	25	3.72
1267171	Soil	1.83	16.07	15.69	75.9	98	31.4	11.3	309	2.61	4.6	0.8	0.8	1.4	116.4	0.24	0.25	0.16	28	2.97
1267172	Soil	1.47	17.20	17.23	96.1	99	33.7	13.7	447	3.24	5.0	0.9	0.6	2.1	75.5	0.23	0.29	0.21	30	1.44
1267173	Soil	0.63	14.20	14.07	43.9	84	12.4	8.5	866	1.45	2.8	0.7	0.7	1.8	26.7	0.21	0.29	0.17	15	1.36
1267174	Soil	1.11	11.60	13.82	61.2	113	14.2	6.1	375	1.48	4.4	0.7	0.7	1.0	31.9	0.28	0.28	0.14	17	1.14
1267175	Soil	1.05	13.71	14.40	59.5	60	18.9	7.8	305	2.06	4.9	0.7	0.7	1.7	16.4	0.12	0.38	0.19	25	0.44
1267176	Soil	0.91	16.24	14.17	62.3	94	18.8	8.6	360	2.26	4.5	0.9	0.9	1.9	18.3	0.11	0.39	0.22	27	0.60
1267177	Soil	0.61	16.53	15.53	57.5	136	17.8	7.0	351	1.93	4.3	1.0	0.9	2.2	18.5	0.17	0.37	0.21	21	0.95
1267178	Soil	0.65	29.02	26.95	69.2	58	26.3	17.9	1462	2.43	10.4	0.5	0.9	4.2	14.8	0.07	0.26	0.36	19	0.48
1267179	Soil	1.29	24.48	20.96	54.4	34	21.9	17.4	1090	3.63	10.7	0.8	0.8	3.1	7.0	0.11	0.45	0.40	35	0.03
1267180	Soil	0.72	39.62	22.20	67.0	77	27.5	15.4	906	2.95	7.9	1.2	1.3	4.7	11.4	0.05	0.34	0.39	25	0.28



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1267332	Soil	24.8	42.3	1.52	160.4	0.004	4	2.07	<0.001	0.09	<0.1	5.9	0.09	0.04	49	0.3	<0.02	6.2	1.41	<0.1
1267333	Soil	17.1	36.2	1.20	331.8	0.005	5	1.78	0.002	0.11	<0.1	5.0	0.14	0.06	67	0.9	<0.02	5.5	2.17	<0.1
1267431	Soil	5.7	9.6	5.42	70.8	<0.001	3	0.37	0.006	0.10	<0.1	2.0	0.61	0.10	73	0.3	<0.02	1.4	1.43	<0.1
1267432	Soil	4.9	14.2	5.10	80.7	<0.001	5	0.49	0.006	0.17	<0.1	2.6	0.36	0.12	29	0.3	<0.02	1.9	1.70	<0.1
1267433	Soil	5.7	12.7	4.85	71.7	<0.001	4	0.64	0.005	0.14	<0.1	2.3	0.30	0.08	24	0.3	<0.02	1.9	1.18	<0.1
1267434	Soil	5.5	7.7	8.90	55.7	0.003	3	0.35	0.006	0.04	<0.1	1.0	1.17	<0.02	115	0.5	<0.02	1.1	0.65	<0.1
1267435	Soil	4.8	9.7	8.06	71.1	0.007	2	0.59	0.008	0.02	<0.1	0.7	1.91	0.02	75	0.5	0.02	1.4	0.48	<0.1
1267436	Soil	21.6	33.4	0.87	96.7	0.007	5	1.40	0.001	0.11	0.1	4.4	0.45	0.06	100	1.1	0.03	4.5	3.06	<0.1
1267437	Soil	21.1	41.1	0.61	85.2	0.004	5	1.13	0.001	0.10	<0.1	5.0	0.34	0.08	297	1.5	0.02	3.8	1.77	<0.1
1267438	Soil	15.8	28.5	1.23	304.7	0.003	7	1.56	0.001	0.15	<0.1	3.3	0.16	0.07	146	0.7	<0.02	4.4	1.12	<0.1
1267439	Soil	14.9	24.6	3.17	172.0	0.005	5	1.18	0.005	0.13	<0.1	4.0	0.14	0.02	60	1.3	<0.02	3.1	2.66	<0.1
1267162	Soil	7.5	13.2	6.60	207.6	0.001	10	0.34	0.009	0.15	<0.1	2.5	0.76	0.05	30	0.7	<0.02	1.0	2.90	<0.1
1267163	Soil	10.1	13.8	2.22	236.3	0.003	13	0.61	0.008	0.26	<0.1	4.4	0.50	0.09	39	0.7	0.05	1.7	2.15	<0.1
1267164	Soil	15.0	15.2	2.34	193.3	0.002	11	0.63	0.006	0.20	<0.1	4.6	0.29	0.05	21	0.7	0.04	2.1	1.06	<0.1
1267165	Soil	12.8	17.5	3.16	187.7	0.003	12	0.79	0.007	0.22	<0.1	3.8	0.37	0.06	23	0.8	0.04	2.4	1.26	<0.1
1267166	Soil	17.3	21.4	1.35	303.5	0.003	15	1.06	0.006	0.27	<0.1	5.0	0.37	0.08	50	0.9	0.06	3.2	1.46	<0.1
1267167	Soil	17.2	19.8	1.79	213.2	0.003	12	1.00	0.006	0.26	<0.1	4.0	0.25	0.05	10	0.6	0.04	2.7	1.05	<0.1
1267168	Soil	12.8	16.7	0.18	150.5	0.002	9	0.90	0.002	0.20	<0.1	2.4	0.09	0.05	<5	0.4	0.04	2.5	0.46	<0.1
1267169	Soil	16.8	19.5	0.21	152.5	0.002	10	0.91	0.004	0.21	<0.1	2.8	0.14	0.08	10	0.7	0.02	2.5	0.63	<0.1
1267170	Soil	19.0	21.1	0.31	169.7	0.002	12	1.04	0.004	0.30	<0.1	3.8	0.24	0.06	<5	0.5	0.05	2.9	1.11	<0.1
1267171	Soil	16.0	19.0	0.25	129.8	0.002	10	0.91	0.004	0.21	<0.1	2.7	0.20	0.08	<5	0.5	0.06	2.4	0.85	<0.1
1267172	Soil	21.5	23.1	0.29	206.1	0.002	9	1.28	0.004	0.24	<0.1	3.6	0.18	0.08	17	0.7	0.04	3.5	0.85	<0.1
1267173	Soil	14.5	13.0	0.27	169.5	0.004	7	0.77	0.004	0.14	<0.1	2.0	0.08	0.12	70	0.7	0.04	2.2	0.77	<0.1
1267174	Soil	13.8	17.9	0.20	105.9	0.005	5	0.77	0.006	0.11	<0.1	1.7	0.08	0.14	31	0.8	<0.02	2.4	1.09	<0.1
1267175	Soil	15.3	23.4	0.33	137.4	0.007	7	1.13	0.004	0.18	<0.1	2.0	0.10	0.06	<5	0.5	<0.02	3.6	1.73	<0.1
1267176	Soil	21.1	24.6	0.41	164.1	0.008	9	1.31	0.005	0.23	<0.1	2.4	0.12	0.05	<5	0.4	<0.02	4.1	1.98	<0.1
1267177	Soil	25.7	19.8	0.42	122.8	0.005	6	1.04	0.005	0.14	<0.1	2.8	0.08	0.08	16	0.7	0.02	3.2	0.80	<0.1
1267178	Soil	7.5	21.8	0.53	156.6	0.002	4	1.29	0.005	0.15	<0.1	3.5	0.10	0.02	<5	0.3	0.02	3.8	1.68	<0.1
1267179	Soil	7.2	28.5	0.36	97.2	0.008	2	1.64	0.005	0.10	0.1	2.4	0.11	0.02	<5	0.5	0.03	5.5	2.79	<0.1
1267180	Soil	15.2	27.4	0.46	164.0	0.005	5	1.41	0.006	0.19	0.1	4.3	0.09	0.03	<5	0.4	0.04	4.2	2.79	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Zn
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01
1267332	Soil	0.33	8.5	0.6	<0.05	7.2	18.16	60.4	0.05	<1	1.2	51.1	<10	<2	
1267333	Soil	0.51	12.6	0.6	<0.05	4.8	15.79	34.8	0.03	<1	1.1	39.6	<10	<2	
1267431	Soil	0.07	5.5	0.7	<0.05	0.9	7.70	10.3	0.02	<1	0.4	2.5	<10	<2	
1267432	Soil	0.09	8.5	4.6	<0.05	1.2	7.29	9.1	<0.02	<1	0.8	2.4	<10	<2	
1267433	Soil	0.11	7.4	1.4	<0.05	1.5	9.48	9.2	0.03	<1	0.8	2.2	<10	<2	
1267434	Soil	0.10	3.6	1.4	<0.05	0.3	6.47	9.0	<0.02	<1	0.4	2.7	<10	<2	
1267435	Soil	0.14	4.5	0.9	<0.05	0.2	4.75	9.4	<0.02	<1	0.3	3.6	<10	<2	
1267436	Soil	0.57	17.1	1.0	<0.05	3.4	15.26	42.7	0.03	<1	1.1	31.0	<10	<2	
1267437	Soil	0.45	12.2	1.6	<0.05	3.6	15.54	40.7	0.03	<1	1.3	21.0	<10	<2	
1267438	Soil	0.40	10.8	1.6	<0.05	3.8	12.54	33.0	0.03	<1	1.0	24.7	<10	<2	
1267439	Soil	0.26	9.2	0.8	<0.05	5.0	12.35	30.8	0.02	<1	0.8	20.3	<10	<2	
1267162	Soil	0.09	9.2	0.8	<0.05	1.2	8.95	18.1	<0.02	2	0.4	2.3	<10	<2	
1267163	Soil	0.22	13.6	1.0	<0.05	3.4	10.76	26.2	0.04	3	0.8	4.5	<10	<2	
1267164	Soil	0.25	9.1	2.1	<0.05	3.0	13.20	36.4	0.03	2	0.7	5.1	<10	<2	
1267165	Soil	0.28	9.8	1.6	<0.05	2.7	11.95	29.0	0.03	<1	0.9	5.8	<10	<2	
1267166	Soil	0.43	12.3	2.9	<0.05	3.7	14.07	39.2	0.03	<1	1.1	7.9	<10	<2	
1267167	Soil	0.38	12.8	1.3	<0.05	4.6	13.08	39.2	0.03	1	0.9	9.1	<10	<2	
1267168	Soil	0.36	9.2	0.7	<0.05	3.6	8.75	28.6	0.02	<1	1.1	8.7	<10	<2	
1267169	Soil	0.38	9.8	1.4	<0.05	4.6	11.04	37.6	0.03	<1	1.1	10.0	<10	<2	
1267170	Soil	0.33	13.8	0.9	<0.05	4.9	13.07	42.4	0.03	<1	1.4	9.5	<10	<2	
1267171	Soil	0.38	10.5	2.0	<0.05	4.2	11.31	33.8	0.02	<1	1.2	8.8	<10	<2	
1267172	Soil	0.55	12.7	1.1	<0.05	6.1	14.32	45.4	0.04	<1	1.6	13.0	<10	<2	
1267173	Soil	0.30	8.2	1.0	<0.05	2.5	10.96	35.5	0.02	<1	0.6	8.2	<10	<2	
1267174	Soil	0.35	10.7	0.8	<0.05	2.0	12.65	26.5	<0.02	<1	0.5	7.7	<10	<2	
1267175	Soil	0.37	15.3	1.9	<0.05	1.7	8.71	39.3	<0.02	<1	0.8	14.2	<10	<2	
1267176	Soil	0.45	18.1	1.1	<0.05	1.7	11.14	49.0	0.03	<1	0.8	15.4	<10	<2	
1267177	Soil	0.37	9.6	1.3	<0.05	3.0	19.33	42.9	0.02	<1	0.7	14.6	<10	<2	
1267178	Soil	0.16	9.8	1.0	<0.05	4.0	8.75	20.5	0.03	<1	1.1	30.9	<10	<2	
1267179	Soil	0.50	14.2	1.3	<0.05	1.8	3.59	17.0	0.03	<1	0.9	28.9	<10	<2	
1267180	Soil	0.37	15.9	1.3	<0.05	2.8	14.79	33.6	0.03	<1	1.3	24.6	<10	<2	



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
1267181	Soil	0.51	24.69	38.85	139.5	63	27.2	11.5	401	3.02	6.3	1.4	2.4	3.4	13.2	0.19	0.32	0.36	23	0.43
1267182	Soil	0.36	3.61	170.4	414.3	98	3.3	1.6	1776	0.67	3.3	1.0	<0.2	<0.1	46.1	2.05	0.40	0.04	6	11.84
1267183	Soil	0.59	7.25	525.2	1643	267	6.2	3.6	1834	1.46	9.1	1.6	1.8	0.2	97.4	4.72	0.85	0.07	11	12.65
1267184	Soil	0.31	3.85	289.6	439.5	114	4.9	2.2	1092	0.68	4.0	0.9	0.6	0.2	58.4	2.26	0.38	0.04	8	11.94
1267185	Soil	0.45	3.19	521.5	1240	282	2.3	1.4	2112	1.21	7.5	1.8	0.5	<0.1	57.7	6.56	0.82	0.03	7	12.18
1267186	Soil	3.93	4.71	616.2	3145	707	4.3	2.0	1445	1.73	15.3	2.2	0.4	0.2	98.9	11.53	0.95	0.05	9	13.35
1267187	Soil	0.82	15.61	224.8	690.9	194	15.4	8.6	1897	2.02	11.4	1.3	0.9	0.5	53.2	2.34	0.63	0.16	13	8.13
1267188	Soil	1.08	7.30	238.3	1293	440	4.4	2.1	967	1.90	11.7	1.1	0.4	0.8	63.1	3.22	1.13	0.19	8	7.48
1267189	Soil	0.87	31.18	80.78	116.7	535	18.2	27.1	5898	2.69	10.0	0.8	1.1	0.5	8.9	0.45	0.66	0.47	20	0.11
1267190	Soil	0.87	27.88	58.10	123.4	187	18.0	10.5	240	3.15	18.6	0.7	1.3	3.9	10.8	0.18	0.66	0.33	20	0.04
1267191	Soil	1.20	19.65	131.5	379.2	170	16.6	8.4	772	3.76	12.9	1.2	0.9	2.3	11.5	0.42	0.76	0.32	40	0.06
1267192	Soil	0.66	38.54	16.50	101.8	158	29.2	13.6	314	2.50	10.7	2.6	5.9	6.0	43.7	0.27	0.38	0.20	31	2.20
1267193	Soil	0.51	36.31	20.08	104.0	130	29.1	12.4	360	2.62	8.2	1.8	14.3	6.7	34.4	0.26	0.28	0.22	28	1.70
1266513	Soil	0.77	3.84	9.41	15.2	23	4.8	1.7	200	0.20	3.9	1.0	0.4	0.2	89.5	0.12	0.69	0.02	5	16.03
1266514	Soil	0.49	3.30	15.83	15.0	15	5.1	1.6	221	0.22	6.6	0.8	0.6	0.2	74.6	0.09	0.70	0.02	5	15.55
1266515	Soil	0.67	6.35	5.20	18.4	22	15.1	3.0	288	0.32	8.3	3.1	0.3	0.3	73.7	0.17	0.62	0.04	14	13.79
1266516	Soil	1.45	8.12	7.93	22.9	21	12.9	3.6	258	0.70	21.0	3.6	0.8	0.7	82.2	0.20	0.72	0.06	19	14.95
1266517	Soil	1.64	12.64	10.38	85.5	50	19.3	6.1	416	1.29	12.9	2.1	0.6	0.9	72.9	0.60	0.47	0.15	24	9.83
1266518	Soil	0.33	3.25	5.04	18.6	15	4.6	1.4	191	0.25	2.8	0.8	2.1	0.1	64.8	0.15	0.24	0.08	9	12.50
1266519	Soil	0.43	2.69	6.04	8.3	17	6.2	1.3	135	0.20	2.4	1.3	0.9	0.1	53.5	0.11	0.28	0.05	15	13.53
1266520	Soil	0.48	2.23	7.44	7.0	10	5.4	1.1	158	0.15	3.2	1.1	0.9	<0.1	55.7	0.11	0.23	0.05	10	16.01
1266521	Soil	0.77	4.39	4.07	14.9	17	13.6	1.8	197	0.48	15.9	1.9	0.6	0.3	42.9	0.12	0.77	0.06	27	12.45
1266522	Soil	0.37	3.85	4.09	16.0	24	7.3	2.0	435	0.38	4.3	1.2	0.4	0.2	55.8	0.13	0.25	0.04	13	14.40
1266523	Soil	0.37	3.02	4.22	15.0	22	6.7	1.5	297	0.26	2.6	1.0	0.4	0.2	57.6	0.12	0.22	0.04	15	15.55
1266524	Soil	3.64	2.39	127.4	309.8	251	2.1	1.8	1525	13.94	14.6	1.9	0.2	<0.1	34.0	0.11	3.41	0.09	3	8.64
1266525	Soil	1.50	8.69	125.2	891.6	241	10.4	5.8	2341	5.23	12.6	1.4	1.3	0.5	20.7	1.05	2.77	0.16	24	5.21
1266526	Soil	3.44	21.31	52.60	432.9	190	23.3	10.9	1185	3.01	23.2	1.7	1.8	1.4	42.4	1.39	0.76	0.35	37	1.56
1266527	Soil	1.65	18.17	38.26	267.9	141	16.1	8.3	689	2.09	18.7	1.2	1.5	0.8	54.2	0.87	0.48	0.27	24	3.87
1266528	Soil	0.55	16.07	16.32	83.4	120	18.8	7.8	376	2.06	6.9	5.9	3.3	2.5	41.2	0.27	0.31	0.17	37	0.95
1266529	Soil	0.48	28.42	27.03	127.4	126	24.3	10.3	379	2.60	7.4	1.7	2.7	3.8	53.1	0.37	0.93	0.24	23	1.82



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1267181	Soil	6.6	26.3	0.45	157.4	0.004	2	1.52	0.006	0.13	<0.1	3.9	0.21	0.04	132	0.3	0.04	5.1	2.31	<0.1
1267182	Soil	3.2	4.5	8.47	53.6	0.002	2	0.23	0.011	0.02	<0.1	0.2	0.27	0.07	14294	0.6	<0.02	0.5	0.19	<0.1
1267183	Soil	6.0	9.9	6.88	61.1	0.004	6	0.55	0.008	0.05	<0.1	0.2	0.85	0.09	>50000	1.5	0.09	1.4	0.51	<0.1
1267184	Soil	3.0	5.3	8.74	38.2	0.003	3	0.28	0.010	0.03	<0.1	0.3	0.25	0.04	7631	0.4	0.04	0.7	0.20	<0.1
1267185	Soil	3.8	3.9	8.64	41.4	0.002	3	0.17	0.010	0.01	<0.1	0.2	1.02	0.08	1548	0.6	0.02	0.5	0.18	<0.1
1267186	Soil	5.0	5.3	9.31	24.0	0.005	2	0.26	0.010	0.02	<0.1	0.5	0.85	0.05	2663	0.6	0.03	0.8	0.30	<0.1
1267187	Soil	4.6	7.6	5.59	60.3	0.003	3	0.38	0.008	0.07	<0.1	1.1	1.17	0.06	369	0.6	0.02	1.0	4.86	<0.1
1267188	Soil	3.6	5.5	4.92	49.1	0.001	6	0.30	0.008	0.15	<0.1	0.9	1.63	0.17	189	0.4	0.04	1.0	1.54	<0.1
1267189	Soil	1.8	16.3	0.09	263.1	0.003	5	0.68	0.003	0.17	<0.1	0.7	0.34	0.11	139	0.5	0.09	2.7	8.43	<0.1
1267190	Soil	5.3	17.2	0.22	66.9	0.002	3	1.02	0.003	0.19	<0.1	2.3	0.17	0.10	163	0.3	0.04	3.6	2.36	<0.1
1267191	Soil	7.9	25.0	0.21	82.0	0.006	3	1.49	0.004	0.12	0.1	1.9	0.28	0.06	2387	0.5	0.06	4.8	2.82	<0.1
1267192	Soil	19.9	41.7	2.35	64.6	0.004	4	1.76	0.005	0.16	<0.1	5.1	0.15	0.06	42	1.1	<0.02	5.3	2.25	<0.1
1267193	Soil	25.0	41.0	2.32	67.7	0.005	6	1.72	0.005	0.18	<0.1	5.3	0.14	0.04	52	0.9	0.03	5.3	2.80	<0.1
1266513	Soil	4.1	5.1	10.14	14.5	0.002	2	0.07	0.011	0.02	<0.1	0.3	0.10	0.03	<5	0.5	0.02	0.2	0.23	<0.1
1266514	Soil	3.3	4.1	10.04	16.1	0.002	2	0.07	0.010	0.01	<0.1	0.3	0.10	0.02	<5	0.2	<0.02	0.2	0.17	<0.1
1266515	Soil	4.1	3.7	9.34	29.2	0.003	2	0.14	0.010	0.02	<0.1	0.4	0.22	0.03	<5	0.2	0.04	0.3	0.29	<0.1
1266516	Soil	5.0	5.2	9.38	25.4	0.004	3	0.20	0.010	0.03	<0.1	0.8	0.27	0.03	<5	0.4	<0.02	0.6	0.72	<0.1
1266517	Soil	10.7	12.0	6.58	65.7	0.006	5	0.80	0.011	0.08	<0.1	1.5	0.35	0.05	8	0.4	0.04	1.7	1.08	<0.1
1266518	Soil	5.2	4.1	8.21	23.5	0.003	5	0.18	0.012	0.02	<0.1	0.3	0.10	0.04	25	0.2	<0.02	0.4	0.22	<0.1
1266519	Soil	4.8	7.3	8.93	18.5	0.003	4	0.13	0.010	0.02	<0.1	0.4	0.10	0.02	21	0.2	<0.02	0.3	0.16	<0.1
1266520	Soil	3.7	3.6	10.07	14.8	0.002	4	0.08	0.013	0.01	<0.1	0.3	0.12	0.03	22	0.3	<0.02	0.2	0.14	<0.1
1266521	Soil	8.1	6.0	8.60	22.5	0.003	3	0.18	0.010	0.03	<0.1	0.5	0.29	0.03	25	0.3	<0.02	0.4	0.38	<0.1
1266522	Soil	3.3	4.5	9.50	40.9	0.004	3	0.18	0.009	0.02	<0.1	0.5	0.49	<0.02	16	0.3	<0.02	0.4	0.24	<0.1
1266523	Soil	4.2	4.7	10.20	34.4	0.003	3	0.15	0.012	0.01	<0.1	0.3	0.21	0.03	21	0.3	<0.02	0.3	0.19	<0.1
1266524	Soil	1.7	1.1	6.63	7.4	<0.001	1	0.02	0.005	<0.01	<0.1	0.3	7.03	0.07	438	0.2	<0.02	<0.1	0.03	0.1
1266525	Soil	6.3	12.6	3.04	105.9	0.007	3	0.91	0.007	0.04	<0.1	1.2	2.83	0.07	369	0.5	0.03	2.1	0.73	<0.1
1266526	Soil	9.5	18.1	0.64	129.8	0.002	5	1.08	0.005	0.13	<0.1	3.0	0.79	0.14	235	0.2	0.03	3.3	1.39	<0.1
1266527	Soil	6.1	12.7	1.92	87.7	0.001	4	0.79	0.005	0.11	<0.1	1.9	0.47	0.10	249	0.3	0.02	2.3	1.26	<0.1
1266528	Soil	16.7	39.8	1.30	101.2	0.010	4	1.43	0.004	0.08	<0.1	4.2	0.20	0.04	73	0.8	<0.02	5.0	1.23	<0.1
1266529	Soil	16.4	26.0	1.11	322.2	0.004	5	1.28	0.006	0.12	<0.1	4.7	0.16	0.05	89	0.5	<0.02	3.5	1.40	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Zn
		ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10	ppb 2	% 0.01
1267181	Soil	0.48	15.0	1.5	<0.05	3.0	9.83	15.3	0.03	<1	1.4	27.3	<10	<2	
1267182	Soil	0.04	1.5	0.9	<0.05	0.3	4.17	6.1	<0.02	<1	0.3	1.3	<10	<2	
1267183	Soil	0.08	4.3	1.7	<0.05	0.3	6.81	12.6	<0.02	<1	0.8	4.4	<10	<2	
1267184	Soil	0.05	2.0	0.4	<0.05	0.4	3.45	6.0	<0.02	<1	0.2	2.4	<10	<2	
1267185	Soil	0.04	1.3	1.4	<0.05	0.1	3.65	6.0	<0.02	<1	0.2	0.8	<10	<2	
1267186	Soil	0.06	2.2	0.7	<0.05	0.4	4.98	8.6	<0.02	<1	0.3	2.0	<10	<2	
1267187	Soil	0.09	6.0	2.4	<0.05	0.6	6.78	8.9	<0.02	<1	0.6	2.6	<10	<2	
1267188	Soil	0.07	6.6	0.6	<0.05	1.2	3.77	6.7	<0.02	<1	0.3	1.3	<10	<2	
1267189	Soil	0.08	19.4	4.2	<0.05	1.6	2.46	5.8	<0.02	<1	0.6	1.5	<10	<2	
1267190	Soil	0.19	15.3	1.3	<0.05	1.8	4.90	14.5	0.02	<1	0.6	9.7	<10	<2	
1267191	Soil	0.48	14.5	1.6	<0.05	1.9	3.97	17.6	0.02	1	0.9	17.0	<10	<2	
1267192	Soil	0.16	12.0	1.2	<0.05	7.2	11.96	39.3	0.02	<1	0.9	41.0	<10	<2	
1267193	Soil	0.11	13.0	1.9	<0.05	5.4	13.81	49.2	0.02	<1	1.0	41.9	<10	<2	
1266513	Soil	0.06	1.0	4.6	<0.05	0.7	3.98	4.9	<0.02	<1	0.1	0.8	<10	<2	
1266514	Soil	0.04	0.8	7.7	<0.05	0.4	4.01	3.9	<0.02	1	0.1	0.8	<10	<2	
1266515	Soil	0.08	1.3	0.9	<0.05	0.6	5.84	5.5	<0.02	2	0.2	1.3	<10	<2	
1266516	Soil	0.18	2.1	2.0	<0.05	1.1	6.34	8.4	<0.02	2	0.2	1.7	<10	<2	
1266517	Soil	0.32	6.0	1.0	<0.05	2.4	9.79	19.1	<0.02	<1	0.4	6.1	<10	<2	
1266518	Soil	0.08	1.8	1.5	<0.05	0.3	5.28	6.2	0.02	1	0.1	1.5	<10	<2	
1266519	Soil	0.05	1.4	2.6	<0.05	0.4	6.66	5.3	<0.02	1	0.1	1.2	<10	<2	
1266520	Soil	0.03	0.9	4.0	<0.05	0.4	5.97	3.7	<0.02	<1	<0.1	0.8	<10	<2	
1266521	Soil	0.08	1.6	0.6	<0.05	0.6	7.33	9.9	<0.02	1	0.2	1.5	<10	<2	
1266522	Soil	0.09	1.6	0.7	<0.05	0.5	6.45	4.8	<0.02	1	0.2	1.9	<10	<2	
1266523	Soil	0.06	1.4	0.9	<0.05	0.4	6.90	5.1	<0.02	<1	0.1	1.5	<10	<2	
1266524	Soil	<0.02	0.1	0.7	<0.05	0.2	1.81	2.2	<0.02	<1	0.3	0.2	<10	<2	
1266525	Soil	0.30	4.7	0.7	<0.05	0.8	6.28	12.8	<0.02	<1	0.5	4.2	<10	<2	
1266526	Soil	0.35	9.2	0.9	<0.05	1.2	12.29	18.9	0.04	<1	1.0	6.4	<10	<2	
1266527	Soil	0.20	6.7	0.7	<0.05	0.9	7.95	12.0	0.03	<1	0.8	3.9	<10	<2	
1266528	Soil	0.51	10.1	1.2	<0.05	3.8	10.26	43.6	0.03	<1	0.8	35.5	<10	<2	
1266529	Soil	0.41	9.1	0.6	<0.05	4.8	14.28	34.5	0.04	<1	0.9	20.3	<10	<2	



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
1266530	Soil	0.45	14.61	17.92	87.1	71	18.7	9.0	487	2.55	4.1	0.9	0.5	4.4	16.1	0.36	0.30	0.18	41	0.37
1266531	Soil	0.50	22.94	19.16	101.2	56	20.6	8.0	189	2.57	5.0	1.4	3.4	3.8	51.8	0.36	0.24	0.17	30	1.03
1266532	Soil	0.50	29.29	15.69	105.1	53	26.6	11.8	372	2.83	5.3	1.4	4.0	4.4	60.0	0.26	0.27	0.21	39	1.35
1266533	Soil	0.78	27.37	31.42	141.6	152	24.7	10.1	371	2.74	10.5	2.8	3.2	2.8	41.4	0.60	0.52	0.18	42	0.89
1266534	Soil	0.64	26.23	26.43	120.4	97	22.7	9.4	318	2.80	9.1	1.4	3.6	4.4	42.5	0.34	0.46	0.18	43	0.96
1266535	Soil	0.75	25.88	18.69	96.5	108	21.9	9.9	278	2.22	10.8	3.6	3.6	3.3	120.0	0.26	0.40	0.14	37	4.62
1266751	Soil	1.88	22.92	25.61	107.6	303	36.8	13.2	435	3.45	5.1	1.2	0.8	2.0	35.8	0.35	0.56	0.23	47	0.71
1266752	Soil	2.43	23.40	40.72	98.0	293	31.9	15.3	608	2.63	8.5	0.9	0.6	3.8	10.8	0.16	0.52	0.23	15	0.23
1266753	Soil	0.49	14.05	15.80	60.7	100	12.1	5.6	438	1.51	2.0	0.9	0.4	1.1	22.5	0.14	0.25	0.19	15	1.29
1266754	Soil	1.13	47.00	28.88	101.1	28	33.4	31.5	3561	4.37	20.6	1.4	1.3	4.7	11.9	0.08	0.35	0.51	37	0.03
1266755	Soil	1.16	47.69	72.86	93.8	67	36.4	38.4	4938	4.31	20.2	1.3	2.1	4.9	17.7	0.10	0.37	0.56	28	0.05
1266756	Soil	0.92	39.10	29.27	85.8	26	35.7	23.0	1744	4.02	4.8	1.0	2.1	5.8	9.5	0.05	0.29	0.39	27	0.05
1266757	Soil	0.46	41.91	29.67	80.8	24	31.8	24.1	1426	3.41	4.1	1.0	2.5	5.1	11.9	0.04	0.18	0.35	24	0.04
1266758	Soil	0.70	11.23	106.7	204.2	90	11.9	4.7	714	1.65	5.9	1.0	0.7	0.4	26.3	0.54	0.33	0.16	21	5.07
1266759	Soil	0.33	4.48	326.7	497.6	106	3.1	1.9	1941	1.04	5.9	1.6	0.4	0.2	43.3	3.01	0.56	0.06	13	10.49
1266760	Soil	0.26	3.02	519.5	2412	153	2.9	1.1	1547	1.07	7.3	1.5	<0.2	0.3	63.2	8.57	0.62	0.03	5	13.51
1266761	Soil	0.24	2.43	194.1	1715	106	2.5	1.3	1424	0.66	4.4	1.2	0.3	0.2	80.3	2.64	0.28	0.02	5	13.35
1266762	Soil	1.30	3.71	1117	3236	317	3.6	1.3	1227	2.31	10.9	1.6	0.3	0.3	97.2	8.58	0.82	0.03	5	10.15
1266763	Soil	1.87	12.01	312.5	1493	270	7.9	3.5	732	3.65	16.1	1.6	0.5	0.5	33.5	2.52	0.84	0.14	12	5.93
1266764	Soil	1.14	4.03	280.0	1901	283	3.5	1.4	921	1.55	7.5	1.5	<0.2	0.4	82.3	4.42	0.97	0.03	5	12.06
617364	Soil	0.21	10.35	19.33	58.6	48	9.5	5.3	925	1.59	10.3	0.8	2.0	0.6	36.2	0.11	1.22	0.12	7	9.04



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1266530	Soil	22.1	40.4	1.36	193.1	0.010	3	2.05	0.005	0.10	<0.1	3.8	0.16	<0.02	27	0.2	<0.02	6.4	2.23	<0.1
1266531	Soil	22.7	41.4	1.14	128.0	0.003	5	1.31	0.004	0.09	<0.1	6.3	0.13	0.06	47	1.1	<0.02	4.1	1.66	<0.1
1266532	Soil	23.0	46.4	1.50	113.6	0.004	6	1.70	0.006	0.11	<0.1	6.3	0.15	0.05	38	1.0	0.02	5.3	1.89	<0.1
1266533	Soil	24.4	46.0	1.02	91.2	0.004	3	1.43	0.004	0.12	<0.1	5.6	0.24	0.06	101	1.0	0.02	4.8	1.83	<0.1
1266534	Soil	22.4	43.1	1.08	111.9	0.004	6	1.62	0.004	0.15	<0.1	7.0	0.25	0.05	82	1.0	<0.02	5.1	1.33	<0.1
1266535	Soil	16.2	42.7	1.87	81.7	0.006	5	1.57	0.006	0.11	<0.1	4.2	0.28	0.04	48	1.0	<0.02	5.1	2.19	<0.1
1266751	Soil	23.8	25.4	0.29	174.9	0.002	8	1.53	0.005	0.29	<0.1	4.0	0.33	0.07	50	0.7	0.04	4.5	2.88	<0.1
1266752	Soil	17.2	24.0	0.35	69.4	0.002	6	0.94	0.004	0.18	<0.1	3.6	0.17	0.03	40	0.3	<0.02	2.8	2.75	<0.1
1266753	Soil	22.4	16.4	0.34	77.5	0.003	6	0.93	0.006	0.14	<0.1	1.7	0.10	0.09	47	0.2	<0.02	2.9	1.28	<0.1
1266754	Soil	7.7	31.6	0.57	186.1	0.005	2	2.03	0.006	0.13	0.1	5.8	0.12	<0.02	24	0.2	0.04	6.5	5.58	<0.1
1266755	Soil	6.3	29.3	0.57	273.3	0.005	2	1.83	0.007	0.12	<0.1	5.7	0.19	<0.02	36	0.1	0.05	6.4	5.20	<0.1
1266756	Soil	5.2	33.6	0.51	256.5	0.007	2	1.63	0.008	0.15	<0.1	5.3	0.14	<0.02	19	<0.1	0.03	6.0	4.12	<0.1
1266757	Soil	5.8	28.3	0.47	171.2	0.005	2	1.63	0.008	0.17	<0.1	4.7	0.15	<0.02	22	<0.1	<0.02	6.3	4.52	<0.1
1266758	Soil	6.6	16.0	2.78	74.4	0.005	4	0.97	0.011	0.06	<0.1	1.0	0.18	0.11	362	0.3	<0.02	2.5	0.64	<0.1
1266759	Soil	3.2	5.2	7.98	30.0	0.006	3	0.31	0.015	0.03	<0.1	0.4	0.21	0.06	422	0.4	<0.02	0.8	0.28	<0.1
1266760	Soil	2.9	3.4	9.49	16.3	0.002	2	0.12	0.010	0.02	<0.1	0.4	1.69	<0.02	465	0.3	<0.02	0.5	0.43	<0.1
1266761	Soil	2.9	3.5	9.38	15.0	0.001	3	0.12	0.010	0.02	<0.1	0.3	1.11	0.03	525	0.3	<0.02	0.4	0.22	<0.1
1266762	Soil	3.9	3.8	7.77	17.7	0.002	4	0.14	0.010	0.02	<0.1	0.5	1.86	0.05	1792	0.6	<0.02	0.6	0.22	<0.1
1266763	Soil	4.0	6.5	3.35	36.0	0.002	7	0.39	0.008	0.08	<0.1	1.1	1.19	0.13	963	0.5	0.04	1.1	2.10	<0.1
1266764	Soil	3.0	3.4	8.76	11.7	0.002	3	0.12	0.010	0.03	<0.1	0.6	1.14	0.06	1432	0.4	<0.02	0.5	1.03	<0.1
617364	Soil	4.8	5.3	6.51	38.7	0.001	3	0.21	0.009	0.04	<0.1	1.7	0.06	0.03	106	0.3	0.03	0.6	0.15	<0.1



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Project: Scarlet
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CERTIFICATE OF ANALYSIS

WHI11001355.1

	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Zn
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	0.01
1266530	Soil	0.55	19.4	0.9	<0.05	2.5	7.59	47.6	0.04	<1	1.1	40.4	<10	<2	
1266531	Soil	0.34	11.0	0.7	<0.05	5.5	14.21	43.2	0.03	<1	1.2	28.1	<10	<2	
1266532	Soil	0.32	11.5	1.2	<0.05	7.5	16.40	47.0	0.04	<1	1.4	37.6	<10	<2	
1266533	Soil	0.35	12.9	1.1	<0.05	3.7	17.03	49.7	0.04	<1	1.3	31.8	<10	<2	
1266534	Soil	0.46	13.3	0.9	<0.05	4.8	16.75	46.7	0.03	<1	1.4	37.1	<10	<2	
1266535	Soil	0.31	12.9	1.4	<0.05	5.6	10.63	34.6	0.02	<1	1.0	41.0	<10	<2	
1266751	Soil	0.60	21.8	1.8	<0.05	5.2	18.10	52.0	0.04	1	2.0	14.8	<10	<2	
1266752	Soil	0.11	12.8	3.0	<0.05	2.3	18.09	46.2	0.04	<1	1.0	15.5	<10	<2	
1266753	Soil	0.26	11.3	1.4	<0.05	2.1	17.92	37.0	<0.02	<1	0.8	14.1	<10	<2	
1266754	Soil	0.23	15.2	1.2	<0.05	2.8	7.70	22.3	0.05	<1	1.8	51.0	<10	<2	
1266755	Soil	0.18	13.8	5.7	<0.05	2.6	8.12	21.4	0.04	<1	1.6	53.1	<10	<2	
1266756	Soil	0.18	17.0	3.1	<0.05	2.1	8.55	16.0	0.04	<1	1.6	37.6	<10	<2	
1266757	Soil	0.17	21.0	2.1	<0.05	1.7	8.27	16.5	0.04	<1	1.7	36.4	<10	<2	
1266758	Soil	0.39	6.4	1.5	<0.05	0.6	6.56	10.2	<0.02	<1	0.6	9.1	<10	<2	
1266759	Soil	0.12	2.1	1.4	<0.05	0.8	3.92	5.8	<0.02	<1	0.3	2.2	<10	<2	
1266760	Soil	0.03	1.5	1.3	<0.05	0.5	3.49	4.7	<0.02	<1	0.2	1.0	<10	<2	
1266761	Soil	0.03	1.5	3.6	<0.05	0.4	2.90	4.9	<0.02	<1	0.3	1.0	<10	<2	
1266762	Soil	0.05	1.4	1.7	<0.05	0.5	4.32	6.5	<0.02	<1	0.3	1.0	<10	<2	
1266763	Soil	0.14	6.0	1.5	<0.05	1.1	6.61	7.0	<0.02	<1	0.6	1.8	<10	<2	
1266764	Soil	0.03	2.2	1.3	<0.05	0.6	3.81	4.8	<0.02	<1	0.2	0.9	<10	<2	
617364	Soil	0.05	1.6	2.8	<0.05	1.0	8.24	9.6	<0.02	<1	0.3	1.4	<10	<2	



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Part 1

QUALITY CONTROL REPORT

WHI11001355.1

Method Analyte Unit MDL	1F15 Mo ppm 0.01	1F15 Cu ppm 0.01	1F15 Pb ppm 0.01	1F15 Zn ppm 0.1	1F15 Ag ppb 2	1F15 Ni ppm 0.1	1F15 Co ppm 0.1	1F15 Mn ppm 1	1F15 Fe % 0.01	1F15 As ppm 0.1	1F15 U ppm 0.1	1F15 Au ppb 0.2	1F15 Th ppm 0.1	1F15 Sr ppm 0.5	1F15 Cd ppm 0.01	1F15 Sb ppm 0.02	1F15 Bi ppm 0.02	1F15 V ppm 2	1F15 Ca % 0.01	1F15 P % 0.001
Pulp Duplicates																				
1267790 Soil	1.16	35.35	22.97	73.6	46	15.3	14.7	3716	3.19	6.9	0.7	3.1	0.3	4.6	0.32	0.68	0.45	42	0.03	0.063
REP 1267790 QC	1.23	36.25	23.93	75.6	45	16.0	15.3	3804	3.25	7.1	0.7	1.8	0.3	4.9	0.31	0.69	0.40	43	0.04	0.063
1267318 Soil	0.66	25.47	23.92	80.3	132	17.9	8.2	509	2.20	6.6	8.2	2.1	0.7	75.5	0.32	0.85	0.21	26	2.23	0.089
REP 1267318 QC	0.63	24.08	23.07	81.0	114	17.5	7.7	482	2.11	6.5	7.8	2.0	0.8	73.2	0.30	0.82	0.18	24	2.06	0.086
1266711 Soil	1.56	10.69	15.82	60.5	53	18.3	7.0	293	2.51	12.5	1.2	2.1	0.6	13.9	0.16	0.50	0.29	50	0.76	0.084
REP 1266711 QC	1.55	11.11	16.13	61.1	45	18.8	7.0	303	2.55	12.5	1.2	1.2	0.6	14.2	0.14	0.52	0.29	52	0.78	0.090
1266726 Soil	0.88	32.33	13.85	54.2	15	11.4	16.2	1465	4.11	4.7	0.8	1.3	2.5	4.9	0.04	0.32	0.41	32	0.03	0.058
REP 1266726 QC	0.90	32.52	14.24	55.5	10	11.7	16.4	1505	4.09	5.0	0.8	1.1	2.6	4.9	0.06	0.33	0.42	32	0.03	0.059
1266745 Soil	0.93	25.95	34.24	132.2	103	24.4	10.7	558	2.49	9.5	1.8	2.4	3.3	34.6	0.36	0.40	0.27	28	3.34	0.075
REP 1266745 QC	0.92	26.03	33.88	129.5	103	24.8	10.9	560	2.51	9.3	1.8	1.8	3.0	35.3	0.34	0.41	0.25	28	3.37	0.074
1267115 Soil	1.17	22.36	554.8	4099	455	15.7	10.3	1058	2.83	30.1	0.8	1.3	2.0	23.3	11.80	2.42	0.26	38	2.87	0.046
REP 1267115 QC	1.21	22.92	532.4	4001	439	16.6	10.9	1028	2.80	29.9	0.8	1.4	1.8	24.7	11.33	2.21	0.24	39	2.83	0.051
1267423 Soil	1.86	6.12	605.2	2273	441	6.1	3.0	1499	1.88	15.1	2.6	0.3	0.3	114.4	8.08	1.09	0.07	5	16.74	0.129
REP 1267423 QC	1.80	5.76	555.7	2163	413	5.5	2.8	1432	1.77	14.7	2.4	0.4	0.3	113.5	7.53	1.01	0.06	5	15.47	0.124
1267357 Soil	1.64	14.41	22.69	74.2	26	15.0	8.4	446	3.70	11.9	0.6	1.1	3.5	5.6	0.12	0.78	0.36	57	0.05	0.035
REP 1267357 QC	1.86	16.66	25.42	82.1	30	16.8	9.5	506	4.04	13.3	0.7	2.3	4.0	6.6	0.14	0.90	0.43	62	0.06	0.039
1266805 Soil	1.09	19.37	34.99	154.3	158	22.8	11.3	800	2.81	17.7	1.6	0.9	2.0	39.9	0.38	2.03	0.21	25	2.54	0.073
REP 1266805 QC	1.09	20.57	37.19	164.1	155	23.3	11.7	831	2.87	18.4	1.6	0.6	2.0	41.4	0.38	2.07	0.22	26	2.55	0.071
1267043 Soil	2.16	18.18	22.09	91.0	71	34.0	13.2	358	3.37	5.3	0.8	2.4	1.5	53.8	0.18	0.34	0.22	30	0.90	0.081
REP 1267043 QC	2.09	17.57	21.16	88.1	75	33.2	12.7	348	3.32	5.2	0.7	0.8	1.7	53.5	0.19	0.31	0.20	29	0.89	0.078
1267431 Soil	1.04	17.36	17.44	33.3	69	18.1	8.3	484	1.52	15.7	1.1	0.7	1.1	82.0	0.11	0.49	0.24	22	9.15	0.035
REP 1267431 QC	1.04	17.63	17.42	33.6	69	18.8	8.5	492	1.52	15.5	1.0	0.8	1.0	79.0	0.11	0.50	0.25	21	9.17	0.035
1267166 Soil	11.07	25.74	26.81	154.0	231	31.6	13.8	412	3.56	38.6	8.4	1.5	2.4	50.1	0.39	1.23	0.18	51	3.09	0.222
REP 1267166 QC	11.41	25.82	27.16	158.4	230	32.3	14.2	415	3.57	38.3	8.4	1.6	2.5	52.6	0.42	1.23	0.18	49	3.16	0.223
1267186 Soil	3.93	4.71	616.2	3145	707	4.3	2.0	1445	1.73	15.3	2.2	0.4	0.2	98.9	11.53	0.95	0.05	9	13.35	0.101
REP 1267186 QC	3.70	4.37	590.1	3052	698	3.6	1.8	1397	1.68	14.8	2.1	0.4	0.2	92.8	11.82	0.92	0.05	8	12.64	0.097
1266518 Soil	0.33	3.25	5.04	18.6	15	4.6	1.4	191	0.25	2.8	0.8	2.1	0.1	64.8	0.15	0.24	0.08	9	12.50	0.030
REP 1266518 QC	0.38	3.57	5.29	18.2	21	5.7	1.4	212	0.28	3.5	0.8	0.5	0.1	72.2	0.15	0.22	0.06	9	14.42	0.035



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Part 2

QUALITY CONTROL REPORT

WHI11001355.1

	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Pulp Duplicates																					
1267790	Soil	5.9	26.1	0.15	135.0	0.010	2	1.27	<0.001	0.11	0.1	1.1	0.11	0.04	36	0.3	0.06	5.3	1.69	<0.1	<0.02
REP 1267790	QC	6.0	26.8	0.16	139.2	0.010	2	1.33	<0.001	0.11	0.1	1.1	0.11	0.05	34	0.5	0.05	5.5	1.76	<0.1	<0.02
1267318	Soil	10.9	26.0	0.63	261.8	0.006	4	1.14	0.003	0.08	<0.1	2.2	0.16	0.10	94	2.0	<0.02	3.1	1.04	<0.1	0.04
REP 1267318	QC	10.6	24.9	0.62	248.5	0.005	4	1.07	0.003	0.07	<0.1	2.0	0.14	0.10	90	1.8	<0.02	3.1	0.95	<0.1	0.05
1266711	Soil	10.2	26.3	0.38	141.1	0.010	3	1.62	0.003	0.08	0.1	1.5	0.28	0.06	29	0.3	0.04	5.7	1.61	<0.1	<0.02
REP 1266711	QC	10.7	27.2	0.40	146.0	0.011	3	1.73	0.004	0.08	0.2	1.5	0.28	0.06	22	0.4	0.05	5.8	1.71	<0.1	<0.02
1266726	Soil	4.1	29.3	0.17	62.0	0.005	<1	1.62	0.005	0.14	<0.1	2.6	0.16	0.04	17	0.4	0.04	8.6	3.25	<0.1	0.03
REP 1266726	QC	4.1	29.9	0.17	62.5	0.005	2	1.65	0.006	0.14	<0.1	2.6	0.16	0.04	35	0.5	0.04	8.6	3.28	<0.1	0.04
1266745	Soil	14.9	27.0	2.39	115.4	0.006	5	1.40	0.004	0.13	<0.1	3.8	0.15	0.03	621	0.7	<0.02	4.1	1.64	<0.1	0.12
REP 1266745	QC	14.6	28.3	2.44	110.5	0.007	4	1.43	0.005	0.15	<0.1	3.9	0.16	0.03	793	0.8	0.03	4.1	1.71	<0.1	0.10
1267115	Soil	8.5	18.0	1.68	135.1	0.010	1	1.11	0.003	0.07	0.1	3.1	0.24	0.02	951	0.7	0.06	4.5	2.11	<0.1	0.04
REP 1267115	QC	8.3	19.5	1.64	126.4	0.012	2	1.11	0.003	0.08	0.1	3.8	0.21	0.02	916	0.8	0.03	4.7	2.16	<0.1	0.02
1267423	Soil	5.6	5.2	8.48	24.2	0.001	3	0.20	0.006	0.03	<0.1	0.7	0.74	<0.02	6487	0.5	0.02	0.7	0.83	<0.1	0.02
REP 1267423	QC	5.3	5.1	8.10	23.1	0.001	3	0.20	0.005	0.03	<0.1	0.7	0.70	<0.02	6054	0.4	<0.02	0.8	0.82	<0.1	<0.02
1267357	Soil	8.2	24.4	0.29	58.2	0.016	1	1.58	<0.001	0.07	0.2	2.1	0.16	<0.02	<5	0.5	0.07	6.7	1.86	<0.1	0.04
REP 1267357	QC	9.6	27.2	0.33	67.2	0.018	2	1.66	<0.001	0.08	0.2	2.3	0.18	<0.02	6	0.5	0.09	7.3	2.08	<0.1	0.04
1266805	Soil	11.6	20.7	1.29	190.3	0.004	7	1.10	0.004	0.14	<0.1	3.0	0.22	0.05	126	0.5	<0.02	3.1	1.37	<0.1	0.05
REP 1266805	QC	11.4	21.3	1.30	182.6	0.005	7	1.08	0.004	0.14	<0.1	2.9	0.24	0.05	104	0.4	0.05	3.2	1.43	<0.1	0.04
1267043	Soil	18.7	23.9	0.24	140.8	0.002	6	1.21	0.002	0.19	<0.1	2.6	0.20	0.07	20	0.3	0.02	3.3	1.18	<0.1	0.08
REP 1267043	QC	18.0	22.4	0.23	139.9	0.001	5	1.15	0.002	0.17	<0.1	2.6	0.18	0.07	23	0.4	0.03	3.2	1.07	<0.1	0.09
1267431	Soil	5.7	9.6	5.42	70.8	<0.001	3	0.37	0.006	0.10	<0.1	2.0	0.61	0.10	73	0.3	<0.02	1.4	1.43	<0.1	<0.02
REP 1267431	QC	5.6	9.3	5.31	69.9	<0.001	3	0.37	0.006	0.10	<0.1	1.9	0.59	0.09	77	0.3	0.03	1.3	1.30	<0.1	0.02
1267166	Soil	17.3	21.4	1.35	303.5	0.003	15	1.06	0.006	0.27	<0.1	5.0	0.37	0.08	50	0.9	0.06	3.2	1.46	<0.1	0.11
REP 1267166	QC	17.3	21.0	1.39	305.5	0.003	14	1.01	0.006	0.25	<0.1	5.2	0.36	0.08	44	0.9	0.05	3.0	1.27	<0.1	0.11
1267186	Soil	5.0	5.3	9.31	24.0	0.005	2	0.26	0.010	0.02	<0.1	0.5	0.85	0.05	2663	0.6	0.03	0.8	0.30	<0.1	<0.02
REP 1267186	QC	4.9	4.8	8.98	23.4	0.005	3	0.24	0.009	0.02	<0.1	0.5	0.77	0.05	2818	0.7	0.03	0.8	0.27	<0.1	<0.02
1266518	Soil	5.2	4.1	8.21	23.5	0.003	5	0.18	0.012	0.02	<0.1	0.3	0.10	0.04	25	0.2	<0.02	0.4	0.22	<0.1	<0.02
REP 1266518	QC	5.6	4.5	9.13	23.4	0.003	5	0.19	0.012	0.02	<0.1	0.3	0.10	0.04	25	0.3	0.02	0.4	0.21	<0.1	<0.02



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Part 3

QUALITY CONTROL REPORT

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Method Analyte Unit MDL		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates														
1267790	Soil	0.43	16.1	1.3	<0.05	<0.1	3.17	13.7	0.05	<1	0.9	6.5	<10	<2
REP 1267790	QC	0.41	16.9	1.1	<0.05	<0.1	3.23	14.2	0.05	<1	0.8	6.6	<10	<2
1267318	Soil	0.46	7.3	1.1	<0.05	1.6	9.10	25.0	0.03	<1	0.9	13.5	<10	<2
REP 1267318	QC	0.44	6.6	1.2	<0.05	1.6	8.62	23.6	0.02	<1	0.7	13.4	<10	<2
1266711	Soil	0.66	11.9	0.7	<0.05	0.3	4.61	28.0	0.03	<1	0.6	12.9	<10	<2
REP 1266711	QC	0.61	12.1	0.7	<0.05	0.3	4.67	27.9	0.04	<1	0.6	13.4	<10	<2
1266726	Soil	0.45	21.3	1.9	<0.05	1.1	5.50	9.9	0.04	<1	0.7	11.1	<10	<2
REP 1266726	QC	0.47	21.0	1.8	<0.05	1.4	5.46	10.1	0.03	<1	0.7	11.4	<10	<2
1266745	Soil	0.34	10.7	1.4	<0.05	3.7	12.83	29.6	0.03	<1	1.1	26.8	<10	<2
REP 1266745	QC	0.36	11.5	1.6	<0.05	3.5	12.75	28.4	0.03	<1	1.1	25.8	<10	<2
1267115	Soil	0.44	8.6	0.8	<0.05	1.1	6.85	18.2	<0.02	<1	0.6	9.9	<10	<2
REP 1267115	QC	0.43	9.2	0.7	<0.05	0.9	6.70	17.5	0.02	<1	0.4	10.0	<10	<2
1267423	Soil	0.03	2.9	1.0	<0.05	0.4	6.19	9.8	<0.02	1	0.3	1.4	<10	<2
REP 1267423	QC	0.04	2.9	1.0	<0.05	0.4	5.90	9.1	<0.02	<1	0.4	1.4	<10	<2
1267357	Soil	1.07	11.6	1.7	<0.05	1.6	2.23	17.0	0.04	<1	0.4	14.4	<10	<2
REP 1267357	QC	1.20	12.5	1.9	<0.05	1.8	2.53	20.1	0.04	<1	0.4	16.5	<10	<2
1266805	Soil	0.36	9.1	0.7	<0.05	1.7	9.35	29.9	0.03	<1	0.8	14.1	<10	<2
REP 1266805	QC	0.38	9.5	0.6	<0.05	1.7	9.68	30.4	0.03	<1	0.8	14.2	<10	<2
1267043	Soil	0.36	13.4	1.9	<0.05	4.2	13.48	51.6	0.04	<1	1.5	13.8	<10	<2
REP 1267043	QC	0.35	12.3	1.6	<0.05	4.2	13.19	50.6	0.04	<1	1.3	13.3	<10	<2
1267431	Soil	0.07	5.5	0.7	<0.05	0.9	7.70	10.3	0.02	<1	0.4	2.5	<10	<2
REP 1267431	QC	0.08	5.2	1.0	<0.05	1.0	7.74	9.7	0.02	<1	0.5	2.5	<10	<2
1267166	Soil	0.43	12.3	2.9	<0.05	3.7	14.07	39.2	0.03	<1	1.1	7.9	<10	<2
REP 1267166	QC	0.43	11.8	2.8	<0.05	3.9	14.44	38.9	0.03	1	0.9	7.5	<10	<2
1267186	Soil	0.06	2.2	0.7	<0.05	0.4	4.98	8.6	<0.02	<1	0.3	2.0	<10	<2
REP 1267186	QC	0.06	1.9	0.8	<0.05	0.3	4.76	8.2	<0.02	<1	0.3	1.8	<10	<2
1266518	Soil	0.08	1.8	1.5	<0.05	0.3	5.28	6.2	0.02	1	0.1	1.5	<10	<2
REP 1266518	QC	0.07	1.8	1.5	<0.05	0.5	5.80	7.0	<0.02	<1	0.2	1.5	<10	<2



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QUALITY CONTROL REPORT

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		1F15 Mo ppm 0.01	1F15 Cu ppm 0.01	1F15 Pb ppm 0.01	1F15 Zn ppm 0.1	1F15 Ag ppb 2	1F15 Ni ppm 0.1	1F15 Co ppm 0.1	1F15 Mn ppm 1	1F15 Fe % 0.01	1F15 As ppm 0.1	1F15 U ppm 0.1	1F15 Au ppb 0.2	1F15 Th ppm 0.1	1F15 Sr ppm 0.5	1F15 Cd ppm 0.01	1F15 Sb ppm 0.02	1F15 Bi ppm 0.02	1F15 V ppm 2	1F15 Ca % 0.01	1F15 P % 0.001
1266754	Soil	1.13	47.00	28.88	101.1	28	33.4	31.5	3561	4.37	20.6	1.4	1.3	4.7	11.9	0.08	0.35	0.51	37	0.03	0.052
REP 1266754	QC	1.04	43.34	27.62	93.2	21	30.4	29.5	3378	4.14	19.6	1.3	1.2	4.2	11.2	0.08	0.32	0.49	35	0.02	0.050
Reference Materials																					
STD DS8	Standard	12.75	98.92	118.8	284.6	1583	36.7	7.4	578	2.37	25.2	2.7	96.3	6.3	61.6	2.37	4.89	6.24	40	0.63	0.081
STD DS8	Standard	13.12	103.5	119.0	311.2	1722	37.1	7.1	609	2.41	24.1	2.7	105.6	6.5	63.1	2.20	5.28	5.87	40	0.70	0.077
STD DS8	Standard	14.51	112.1	133.7	325.7	1825	39.7	7.7	644	2.60	25.5	3.2	122.0	7.9	76.3	2.44	6.37	6.88	41	0.78	0.083
STD DS8	Standard	14.45	108.2	134.8	328.4	1936	40.3	8.4	631	2.58	26.4	3.0	122.1	7.4	65.5	2.60	5.96	7.51	43	0.74	0.090
STD DS8	Standard	14.06	105.0	125.3	318.9	1751	39.6	8.1	634	2.38	24.4	2.7	118.3	6.7	65.9	2.43	5.21	6.91	41	0.77	0.086
STD DS8	Standard	11.69	102.7	118.0	298.9	1674	34.9	7.0	578	2.37	23.2	2.6	104.3	6.3	59.0	2.17	4.78	6.24	40	0.64	0.079
STD DS8	Standard	13.81	111.9	133.9	324.1	1950	38.7	7.6	670	2.62	25.4	3.0	130.2	7.5	68.1	2.45	5.47	6.84	44	0.74	0.087
STD DS8	Standard	11.79	96.54	116.5	275.5	1662	33.1	6.4	540	2.28	22.0	2.5	101.6	6.2	58.4	2.15	4.75	5.65	40	0.62	0.076
STD DS8	Standard	11.79	96.54	116.5	275.5	1662	33.1	6.4	540	2.28	22.0	2.5	101.6	6.2	58.4	2.15	4.75	5.65	40	0.62	0.076
STD DS8	Standard	13.05	102.7	125.0	307.1	1792	37.7	7.3	608	2.39	24.0	2.7	106.0	6.7	62.0	2.23	5.02	6.10	42	0.73	0.079
STD DS8	Standard	12.07	105.8	117.2	298.6	1634	36.8	7.3	557	2.34	22.2	2.6	101.1	6.3	57.9	2.17	4.73	5.40	40	0.67	0.074
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD SU-1B	Standard																				
STD DS8 Expected		13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OREAS153A Expected																					
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	5	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	0.09	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	1.7	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001



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Part 2

QUALITY CONTROL REPORT

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		1F15 La ppm 0.5	1F15 Cr ppm 0.5	1F15 Mg % 0.01	1F15 Ba ppm 0.5	1F15 Ti % 0.001	1F15 B ppm 1	1F15 Al % 0.01	1F15 Na % 0.001	1F15 K % 0.01	1F15 W ppm 0.1	1F15 Sc ppm 0.1	1F15 Ti ppm 0.02	1F15 S % 0.02	1F15 Hg ppb 5	1F15 Se ppm 0.1	1F15 Te ppm 0.02	1F15 Ga ppm 0.1	1F15 Cs ppm 0.02	1F15 Ge ppm 0.1	1F15 Hf ppm 0.02
1266754	Soil	7.7	31.6	0.57	186.1	0.005	2	2.03	0.006	0.13	0.1	5.8	0.12	<0.02	24	0.2	0.04	6.5	5.58	<0.1	0.07
REP 1266754	QC	7.1	29.7	0.55	174.2	0.005	2	1.92	0.006	0.12	0.1	5.5	0.10	<0.02	19	0.1	0.06	6.2	4.98	<0.1	0.06
Reference Materials																					
STD DS8	Standard	13.6	111.4	0.56	262.1	0.110	2	0.93	0.102	0.42	2.8	2.0	4.89	0.16	167	4.6	4.47	4.2	2.29	<0.1	0.07
STD DS8	Standard	14.8	118.9	0.60	265.8	0.110	3	0.94	0.090	0.41	3.0	2.1	5.39	0.16	191	5.3	5.02	4.9	2.48	0.1	0.09
STD DS8	Standard	18.6	121.6	0.64	300.1	0.128	3	0.97	0.094	0.42	3.2	2.3	5.66	0.17	212	5.4	5.29	5.1	2.70	0.2	0.10
STD DS8	Standard	16.7	120.9	0.63	321.8	0.124	2	0.99	0.105	0.44	3.6	2.3	5.91	0.17	216	5.7	5.35	5.0	2.71	<0.1	0.12
STD DS8	Standard	15.2	126.7	0.63	273.5	0.116	3	0.91	0.085	0.41	3.0	2.2	5.57	0.16	216	5.5	5.15	4.8	2.62	0.1	0.09
STD DS8	Standard	12.9	111.4	0.58	221.1	0.091	2	0.88	0.082	0.40	2.8	2.1	5.38	0.16	164	4.9	5.18	4.5	2.46	<0.1	0.07
STD DS8	Standard	16.1	128.5	0.65	278.3	0.116	3	0.96	0.095	0.43	3.2	2.5	5.91	0.17	231	5.8	5.38	5.4	2.77	0.1	0.08
STD DS8	Standard	14.6	104.7	0.54	254.4	0.094	3	0.85	0.082	0.38	2.8	2.0	5.09	0.16	182	4.8	4.92	4.2	2.38	0.1	0.08
STD DS8	Standard	14.6	104.7	0.54	254.4	0.094	3	0.85	0.082	0.38	2.8	2.0	5.09	0.16	182	4.8	4.92	4.2	2.38	0.1	0.08
STD DS8	Standard	15.8	123.5	0.61	274.7	0.109	2	0.96	0.088	0.41	3.0	2.3	5.68	0.16	202	5.3	5.12	4.6	2.54	<0.1	0.08
STD DS8	Standard	12.8	110.2	0.57	238.7	0.101	3	0.95	0.116	0.42	2.7	1.9	5.13	0.15	186	5.0	4.87	4.3	2.28	<0.1	0.09
STD OREAS131B	Standard																				
STD OREAS153A	Standard																				
STD SU-1B	Standard																				
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7	2.48	0.13	0.08
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OREAS153A Expected																					
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02



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Part 3

QUALITY CONTROL REPORT

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		1F15 Nb ppm 0.02	1F15 Rb ppm 0.1	1F15 Sn ppm 0.1	1F15 Ta ppm 0.05	1F15 Zr ppm 0.1	1F15 Y ppm 0.01	1F15 Ce ppm 0.1	1F15 In ppm 0.02	1F15 Re ppb 1	1F15 Be ppm 0.1	1F15 Li ppm 0.1	1F15 Pd ppb 10	1F15 Pt ppb 2	7TD Zn %
1266754	Soil	0.23	15.2	1.2	<0.05	2.8	7.70	22.3	0.05	<1	1.8	51.0	<10	<2	
REP 1266754	QC	0.22	14.1	1.1	<0.05	2.5	7.18	20.9	0.05	<1	1.8	48.9	<10	<2	
Reference Materials															
STD DS8	Standard	1.22	36.7	6.0	<0.05	1.9	5.42	25.1	1.92	45	4.8	25.6	92	316	
STD DS8	Standard	1.44	38.9	6.5	<0.05	1.9	6.22	28.4	2.20	55	5.3	27.7	105	339	
STD DS8	Standard	1.53	40.6	6.9	<0.05	2.1	7.19	32.9	2.18	52	5.3	29.0	117	339	
STD DS8	Standard	1.45	38.5	7.7	<0.05	2.4	6.65	30.1	2.52	59	5.8	30.6	126	369	
STD DS8	Standard	1.22	38.2	6.9	<0.05	2.2	6.27	29.1	2.20	66	6.0	29.5	111	364	
STD DS8	Standard	1.00	37.0	6.2	<0.05	1.7	5.12	23.8	2.18	57	5.2	25.2	110	324	
STD DS8	Standard	1.37	40.1	7.1	<0.05	2.0	6.49	29.7	2.37	60	5.7	30.0	130	350	
STD DS8	Standard	1.09	35.5	6.3	<0.05	1.8	5.45	26.6	2.15	50	4.9	25.5	117	333	
STD DS8	Standard	1.09	35.5	6.3	<0.05	1.8	5.45	26.6	2.15	50	4.9	25.5	117	333	
STD DS8	Standard	1.42	39.0	6.4	<0.05	1.9	6.24	29.8	2.23	49	5.3	27.1	116	372	
STD DS8	Standard	1.13	35.7	6.1	<0.05	1.8	5.08	23.8	2.03	56	4.5	25.6	114	321	
STD OREAS131B	Standard														3.18
STD OREAS153A	Standard														<0.01
STD SU-1B	Standard														0.03
STD DS8 Expected		1.65	39	6.7	0.003	2.3	6.1	29.8	2.19	55	5.2	26.34	110	339	
STD OREAS131B Expected															3.14
STD SU-1B Expected															0.0235
STD OREAS153A Expected															0.0053
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	



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Part 1

QUALITY CONTROL REPORT

WHI11001355.1

		1F15 Mo ppm 0.01	1F15 Cu ppm 0.01	1F15 Pb ppm 0.01	1F15 Zn ppm 0.1	1F15 Ag ppb 2	1F15 Ni ppm 0.1	1F15 Co ppm 0.1	1F15 Mn ppm 1	1F15 Fe % 0.01	1F15 As ppm 0.1	1F15 U ppm 0.1	1F15 Au ppb 0.2	1F15 Th ppm 0.1	1F15 Sr ppm 0.5	1F15 Cd ppm 0.01	1F15 Sb ppm 0.02	1F15 Bi ppm 0.02	1F15 V ppm 2	1F15 Ca % 0.01	1F15 P % 0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank																				



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Part 2

QUALITY CONTROL REPORT

WHI11001355.1

		1F15 La ppm 0.5	1F15 Cr ppm 0.5	1F15 Mg % 0.01	1F15 Ba ppm 0.5	1F15 Ti % 0.001	1F15 B ppm 1	1F15 Al % 0.01	1F15 Na % 0.001	1F15 K % 0.01	1F15 W ppm 0.1	1F15 Sc ppm 0.1	1F15 Tl ppm 0.02	1F15 S % 0.02	1F15 Hg ppb 5	1F15 Se ppm 0.1	1F15 Te ppm 0.02	1F15 Ga ppm 0.1	1F15 Cs ppm 0.02	1F15 Ge ppm 0.1	1F15 Hf ppm 0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank																				



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Part 3

QUALITY CONTROL REPORT

WHI11001355.1

		1F15 Nb ppm 0.02	1F15 Rb ppm 0.1	1F15 Sn ppm 0.1	1F15 Ta ppm 0.05	1F15 Zr ppm 0.1	1F15 Y ppm 0.01	1F15 Ce ppm 0.1	1F15 In ppm 0.02	1F15 Re ppb 1	1F15 Be ppm 0.1	1F15 Li ppm 0.1	1F15 Pd ppb 10	1F15 Pt ppb 2	7TD Zn %
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank														<0.01



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Submitted By: Roger Hulstein
Receiving Lab: Canada-Whitehorse
Received: August 29, 2011
Report Date: November 01, 2011
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CERTIFICATE OF ANALYSIS

WHI11001356.1

CLIENT JOB INFORMATION

Project: Scarlet
Shipment ID: 2011-24
P.O. Number: NA-10337
Number of Samples: 392

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

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: Radius Gold Inc.
830 - 355 Burrard St.
Vancouver BC V6C 2G8
Canada

CC: David Clark
database backup
Simon Ridgway
Scott Turton

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	392	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	392	Dry at 60C			WHI
1F05	391	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
RJSV	392	Saving all or part of Soil Reject			WHI

ADDITIONAL COMMENTS



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



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Part 1

CERTIFICATE OF ANALYSIS

WHI11001356.1

	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
1266765	Soil	0.97	18.95	232.1	1261	219	14.5	6.5	971	3.02	13.8	2.4	2.0	1.9	57.3	2.53	0.99	0.16	17	7.25
1266766	Soil	0.92	35.79	215.6	440.4	496	24.5	11.4	382	2.75	16.9	6.2	13.6	2.6	50.6	0.94	1.81	0.27	18	1.24
1266767	Soil	0.45	36.61	42.16	149.2	167	22.7	7.9	167	2.50	6.5	5.3	6.9	1.7	38.6	0.33	0.50	0.24	27	1.21
1266768	Soil	0.64	29.07	71.76	332.4	160	19.5	7.8	265	2.77	16.5	3.6	3.4	2.7	31.5	0.38	0.70	0.27	18	0.76
1266769	Soil	0.42	32.83	20.96	93.5	103	26.3	11.3	311	2.26	6.5	1.6	7.0	6.7	95.6	0.29	0.39	0.17	26	4.98
1266770	Soil	0.24	25.95	11.47	90.5	40	34.8	11.2	133	2.67	2.4	1.5	1.9	3.4	23.1	0.09	0.16	0.32	15	0.98
617848	Soil	0.71	24.33	26.16	86.8	54	21.2	12.0	496	4.13	7.4	0.6	1.4	3.0	23.7	0.15	0.29	0.44	39	0.32
617849	Soil	0.59	19.27	17.48	85.2	309	19.9	10.4	346	4.66	5.2	0.4	0.4	3.8	6.6	0.08	0.32	0.39	37	0.05
617850	Soil	0.58	20.51	27.85	86.3	62	25.7	11.9	586	4.35	10.3	0.7	0.2	3.6	9.0	0.07	0.78	0.38	28	0.07
617851	Soil	0.75	23.96	35.22	97.1	72	28.2	16.4	769	4.29	7.6	1.0	1.4	3.9	11.8	0.16	0.57	0.37	35	0.14
617852	Soil	0.68	22.60	38.84	82.5	145	17.6	18.2	846	4.89	8.4	0.6	<0.2	3.4	5.1	0.11	0.48	0.46	38	0.02
617601	Soil	0.50	29.03	18.85	81.1	176	28.7	12.0	382	2.85	7.7	2.0	3.2	3.1	84.8	0.17	0.36	0.32	24	1.13
617602	Soil	0.57	36.04	100.1	101.4	130	30.9	44.3	2428	3.93	6.8	1.1	1.0	4.6	10.6	0.14	0.32	0.59	28	0.04
617603	Soil	0.84	21.56	51.19	95.7	46	24.1	23.6	822	3.64	6.8	0.6	0.7	3.5	7.2	0.22	0.42	0.43	31	0.03
617604	Soil	1.10	28.17	34.12	84.4	81	22.4	16.0	734	4.99	7.8	0.7	1.3	3.5	8.0	0.13	0.48	0.57	38	0.03
617605	Soil	1.14	19.85	35.35	74.1	66	23.5	12.5	434	4.09	9.0	0.6	0.7	4.0	10.6	0.13	0.49	0.40	36	0.04
617606	Soil	1.23	16.00	18.91	58.9	73	18.0	9.9	523	3.21	6.7	0.6	1.2	4.7	6.6	0.13	0.60	0.34	52	0.03
617607	Soil	0.86	22.17	22.06	57.7	58	9.1	6.2	431	4.25	5.9	0.6	1.0	2.4	6.1	0.06	0.32	0.47	44	0.03
617608	Soil	0.41	29.28	39.04	80.0	69	30.7	27.9	1709	4.12	4.6	0.7	0.5	4.0	10.3	0.07	0.19	0.37	30	0.10
617609	Soil	0.54	50.60	41.64	88.5	35	36.0	26.6	1857	4.25	4.1	0.9	1.5	4.7	13.7	0.07	0.28	0.38	33	0.10
617610	Soil	0.54	54.02	62.63	96.2	67	45.2	52.0	2389	4.71	3.0	1.0	1.6	5.2	15.9	0.07	0.20	0.44	30	0.10
617611	Soil	1.06	12.71	38.18	123.2	115	17.7	7.3	519	2.35	13.7	0.9	1.8	1.2	15.1	0.29	3.61	0.29	23	1.94
617612	Soil	0.76	16.04	26.03	90.8	129	15.7	7.5	1750	4.07	19.0	1.9	2.5	1.4	19.2	0.43	2.97	0.26	31	1.95
617613	Soil	0.69	27.18	28.93	92.5	152	26.8	10.5	637	2.77	12.5	1.4	2.3	3.5	49.6	0.20	1.54	0.30	16	1.74
617614	Soil	0.45	22.07	26.54	96.8	141	23.7	9.1	440	2.41	8.6	1.5	2.2	3.6	47.7	0.19	1.28	0.33	16	0.99
617615	Soil	0.61	31.04	23.88	85.2	157	26.2	11.4	365	2.84	8.4	1.6	2.4	2.9	118.3	0.14	0.56	0.31	21	1.92
617616	Soil	0.55	30.88	25.21	73.2	99	32.5	13.1	369	3.54	10.7	1.7	1.9	5.4	54.4	0.11	0.40	0.33	24	0.49
617905	Soil	0.51	34.28	58.49	82.6	44	34.3	34.2	1331	3.91	4.4	1.1	1.6	4.2	16.5	0.08	0.19	0.48	30	0.13
1097661	Soil	0.90	14.84	18.89	59.3	111	18.8	10.1	444	3.97	8.5	0.6	<0.2	3.4	5.6	0.09	0.94	0.34	45	0.03
1098150	Soil	0.64	20.21	25.70	69.4	61	25.7	12.9	1260	4.05	12.4	1.7	1.2	4.3	19.7	0.17	0.62	0.32	29	0.61



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Project: Scarlet
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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1266765	Soil	11.0	13.8	4.90	52.4	0.003	4	0.75	0.009	0.13	<0.1	2.6	1.15	0.04	327	0.5	<0.02	2.0	1.51	<0.1
1266766	Soil	17.1	17.2	0.33	76.4	0.002	7	0.73	0.004	0.14	<0.1	3.4	0.43	0.08	209	1.1	0.03	2.2	0.79	<0.1
1266767	Soil	20.6	28.9	1.08	92.9	0.004	7	1.46	0.005	0.13	<0.1	3.6	0.19	0.11	62	0.9	<0.02	4.4	1.99	<0.1
1266768	Soil	12.1	17.8	0.49	126.5	0.002	7	0.93	0.002	0.14	<0.1	3.4	0.22	0.07	53	0.8	0.02	2.7	1.79	<0.1
1266769	Soil	22.2	35.2	2.75	43.4	0.003	5	1.35	0.006	0.17	<0.1	4.2	0.16	0.07	31	0.8	<0.02	4.3	1.90	<0.1
1266770	Soil	18.6	35.2	1.18	208.7	0.003	5	1.46	0.002	0.10	<0.1	4.5	0.07	0.05	27	0.3	0.02	4.1	1.17	<0.1
617848	Soil	6.7	37.9	0.45	113.4	0.003	2	1.73	0.007	0.09	<0.1	3.1	0.10	0.03	23	0.1	0.02	8.1	2.41	<0.1
617849	Soil	6.1	33.4	0.34	137.2	0.002	<1	2.16	0.005	0.14	<0.1	2.7	0.13	<0.02	30	0.1	0.04	8.2	1.97	<0.1
617850	Soil	6.8	29.0	0.44	109.2	0.002	3	1.81	0.003	0.13	<0.1	2.7	0.13	<0.02	18	0.1	0.03	5.1	2.10	<0.1
617851	Soil	8.9	36.2	0.44	161.8	0.005	2	2.00	0.004	0.12	<0.1	3.5	0.12	0.02	43	0.2	0.03	6.2	2.83	<0.1
617852	Soil	5.1	28.9	0.23	90.0	0.002	2	1.93	0.001	0.11	<0.1	2.5	0.12	<0.02	38	0.2	0.02	7.6	1.90	<0.1
617601	Soil	13.1	27.0	0.70	112.7	0.005	5	1.50	0.005	0.11	<0.1	4.6	0.10	0.05	98	0.4	0.03	4.2	1.46	<0.1
617602	Soil	7.5	32.5	0.41	175.5	0.004	2	1.88	0.004	0.17	<0.1	4.3	0.26	<0.02	38	0.2	0.03	7.0	3.59	<0.1
617603	Soil	6.5	32.1	0.38	95.8	0.006	3	1.90	0.002	0.14	<0.1	2.5	0.17	0.03	37	0.2	<0.02	6.2	3.35	<0.1
617604	Soil	5.6	38.2	0.34	100.1	0.004	2	2.12	0.002	0.12	<0.1	3.2	0.14	0.03	43	0.3	0.04	8.0	3.39	<0.1
617605	Soil	7.9	33.7	0.37	138.5	0.004	1	2.00	0.003	0.11	<0.1	2.5	0.14	0.04	36	0.2	0.05	6.3	1.91	<0.1
617606	Soil	11.7	29.8	0.30	126.3	0.012	2	1.78	0.002	0.09	0.1	2.4	0.18	<0.02	22	0.3	0.03	7.8	1.96	<0.1
617607	Soil	5.1	24.6	0.16	64.9	0.004	<1	1.47	0.003	0.10	<0.1	2.2	0.15	0.04	35	0.2	0.03	9.5	2.02	<0.1
617608	Soil	7.1	37.5	0.62	106.5	0.003	2	2.14	0.005	0.12	<0.1	5.1	0.11	0.02	27	<0.1	<0.02	7.1	2.48	<0.1
617609	Soil	7.2	40.2	0.74	328.7	0.006	1	2.18	0.006	0.14	<0.1	5.5	0.15	0.02	27	<0.1	0.03	7.7	3.56	<0.1
617610	Soil	4.4	41.5	0.87	187.3	0.005	2	2.31	0.009	0.14	<0.1	6.0	0.17	<0.02	25	<0.1	<0.02	8.6	3.25	<0.1
617611	Soil	8.0	17.8	0.92	93.0	0.007	3	0.91	0.008	0.05	0.1	2.1	0.11	0.08	158	0.3	0.03	2.6	0.42	<0.1
617612	Soil	13.4	22.9	0.77	148.0	0.008	3	1.26	0.005	0.06	<0.1	2.5	0.15	0.10	156	0.4	0.04	3.5	0.96	<0.1
617613	Soil	10.1	20.2	0.99	87.4	0.002	4	1.04	0.004	0.09	<0.1	3.6	0.09	0.05	189	0.3	0.03	3.0	0.79	<0.1
617614	Soil	11.0	20.7	0.52	87.8	0.002	5	1.12	0.004	0.10	<0.1	3.9	0.09	0.05	171	0.4	0.04	3.3	0.68	<0.1
617615	Soil	10.7	24.5	0.77	95.7	0.003	4	1.31	0.007	0.12	<0.1	4.2	0.12	0.05	88	0.4	0.04	3.9	1.58	<0.1
617616	Soil	13.3	29.6	0.73	109.2	0.002	3	1.77	0.004	0.08	<0.1	5.5	0.09	0.02	43	0.2	0.05	5.1	1.18	<0.1
617905	Soil	9.9	41.1	0.66	94.6	0.003	1	2.05	0.006	0.11	<0.1	5.9	0.12	0.03	45	0.1	0.02	7.8	3.88	<0.1
1097661	Soil	6.0	28.7	0.33	130.7	0.004	1	1.56	0.003	0.11	0.1	2.3	0.12	<0.02	28	0.1	0.04	6.1	1.36	<0.1
1098150	Soil	14.3	28.7	0.66	212.6	0.003	2	1.71	0.004	0.07	<0.1	4.1	0.10	0.03	48	0.3	0.03	4.6	0.77	<0.1



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Project: Scarlet
Report Date: November 01, 2011

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CERTIFICATE OF ANALYSIS

WHI11001356.1

	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1266765	Soil	0.11	8.3	1.5	<0.05	1.4	9.31	20.8	0.02	<1	0.7	9.5	<10
1266766	Soil	0.16	8.5	0.7	<0.05	6.0	11.35	32.9	0.03	1	0.9	10.8	<10
1266767	Soil	0.26	11.7	1.1	<0.05	3.8	16.63	35.2	0.03	<1	1.2	30.7	<10
1266768	Soil	0.15	11.1	0.6	<0.05	3.0	12.42	19.9	0.03	1	0.9	13.9	<10
1266769	Soil	0.03	10.6	2.2	<0.05	7.3	10.01	46.2	0.03	<1	1.1	30.3	<10
1266770	Soil	0.17	7.1	0.9	<0.05	3.8	16.16	35.2	0.02	<1	0.9	31.9	<10
617848	Soil	0.47	14.4	3.6	<0.05	0.7	4.55	16.8	0.04	<1	1.1	31.1	<10
617849	Soil	0.37	18.8	1.5	<0.05	2.4	3.22	13.2	0.04	<1	0.7	55.0	<10
617850	Soil	0.35	15.6	1.2	<0.05	1.9	3.71	16.5	0.04	<1	1.0	40.5	<10
617851	Soil	0.47	15.6	1.8	<0.05	1.2	8.36	23.7	0.03	1	1.1	40.2	<10
617852	Soil	0.30	16.1	2.9	<0.05	2.3	3.56	13.1	0.04	<1	0.9	33.8	<10
617601	Soil	0.40	8.8	1.0	<0.05	2.4	12.25	27.2	0.03	<1	0.9	46.6	<10
617602	Soil	0.16	22.4	2.0	<0.05	1.3	8.87	25.3	0.04	<1	1.7	33.5	<10
617603	Soil	0.45	19.4	1.1	<0.05	1.2	4.04	18.6	0.04	2	1.3	42.5	<10
617604	Soil	0.43	19.9	2.8	<0.05	1.7	4.59	16.3	0.03	<1	1.3	38.7	<10
617605	Soil	0.64	15.1	2.9	<0.05	1.1	4.15	19.3	0.03	<1	1.0	41.3	<10
617606	Soil	0.79	19.9	1.7	<0.05	1.6	3.48	25.1	0.02	<1	0.5	22.9	<10
617607	Soil	0.49	17.9	3.7	<0.05	0.9	4.04	11.5	0.03	<1	0.6	5.7	<10
617608	Soil	0.15	12.9	1.6	<0.05	1.2	7.85	24.2	0.04	<1	1.5	39.0	<10
617609	Soil	0.21	17.1	1.3	<0.05	1.0	12.37	23.8	0.03	<1	2.0	40.7	<10
617610	Soil	0.07	15.1	5.9	<0.05	2.6	12.03	20.9	0.04	1	1.7	46.9	<10
617611	Soil	0.53	4.6	2.2	<0.05	1.2	6.58	17.5	<0.02	<1	0.5	9.0	<10
617612	Soil	0.49	7.1	0.9	<0.05	1.1	10.46	26.1	0.03	<1	0.6	16.0	<10
617613	Soil	0.21	5.8	4.6	<0.05	2.4	10.59	24.0	0.04	<1	0.7	25.2	<10
617614	Soil	0.26	7.2	1.5	<0.05	2.2	10.06	27.0	0.03	<1	0.9	26.0	<10
617615	Soil	0.30	9.3	1.8	<0.05	3.0	10.94	22.6	0.03	<1	1.0	36.5	<10
617616	Soil	0.24	8.5	2.1	<0.05	4.2	13.66	26.6	0.04	<1	1.2	50.5	<10
617905	Soil	0.18	11.8	5.9	<0.05	1.0	12.75	34.2	0.03	<1	1.8	36.9	<10
1097661	Soil	0.41	15.6	1.9	<0.05	0.6	2.17	12.9	0.03	<1	0.7	25.3	<10
1098150	Soil	0.37	9.2	2.0	<0.05	2.0	10.80	36.4	0.03	<1	0.9	30.9	<10



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
1096523	Soil	0.72	21.03	24.82	92.8	53	24.1	11.5	1128	4.10	10.4	2.5	0.5	3.2	15.0	0.29	0.68	0.31	36	0.34	0.063
1096524	Soil	0.76	17.97	22.66	88.0	109	23.8	10.4	701	3.69	11.0	1.3	0.9	4.0	20.1	0.21	0.67	0.30	40	0.83	0.046
1096525	Soil	0.56	19.68	25.58	59.8	59	24.2	12.3	1070	4.05	13.2	1.2	1.3	5.1	10.4	0.14	0.70	0.34	24	0.80	0.041
1096526	Soil	0.66	11.44	15.77	62.9	6	14.0	6.6	274	3.28	8.4	0.6	0.7	3.5	7.0	0.09	0.49	0.32	34	0.12	0.018
1096527	Soil	0.39	17.84	15.15	43.3	50	16.9	8.1	447	2.23	6.9	0.8	0.9	2.6	56.6	0.08	0.34	0.20	13	6.83	0.051
617780	Soil	1.01	20.13	17.45	73.4	38	18.6	9.4	391	3.74	7.5	0.8	1.0	4.0	6.2	0.11	0.58	0.38	43	0.05	0.025
617781	Soil	0.86	26.44	35.35	84.8	31	27.1	15.9	792	3.69	6.0	0.6	2.7	4.7	6.3	0.12	0.35	0.40	26	0.04	0.044
617782	Soil	0.97	47.53	82.83	87.1	138	28.6	42.0	1752	4.79	9.7	1.0	6.0	3.6	6.9	0.13	0.55	0.53	30	0.05	0.068
617783	Soil	0.95	22.97	31.83	89.3	75	20.9	14.3	793	3.52	6.3	0.7	2.7	2.7	8.8	0.15	0.43	0.36	34	0.09	0.053
617784	Soil	0.71	39.43	62.45	106.2	134	34.6	33.1	1822	5.25	6.6	1.0	1.8	3.9	13.0	0.12	0.21	0.50	40	0.10	0.053
617785	Soil	0.75	27.14	45.01	88.6	83	29.3	23.8	1655	4.71	8.0	0.6	1.8	4.5	6.5	0.12	0.30	0.38	34	0.06	0.034
617786	Soil	0.66	22.94	22.40	63.4	89	17.0	12.7	704	4.31	5.3	0.5	2.3	3.6	5.3	0.09	0.32	0.37	40	0.02	0.033
617787	Soil	0.97	31.30	30.75	76.2	121	27.7	16.3	811	4.70	7.6	0.9	1.1	4.2	4.8	0.12	0.93	0.46	39	0.05	0.052
617788	Soil	0.74	19.03	29.36	43.0	40	10.8	11.1	3542	3.72	2.4	0.7	1.0	3.3	3.0	0.12	0.42	0.35	41	0.03	0.036
617789	Soil	0.71	42.41	27.36	81.2	41	24.1	16.4	2058	3.67	4.9	0.9	2.1	3.4	5.7	0.10	0.46	0.34	36	0.07	0.066
617790	Soil	0.64	39.15	31.77	85.9	41	28.5	20.6	1480	3.94	5.3	0.9	1.7	3.4	8.8	0.13	0.27	0.32	28	0.07	0.044
617791	Soil	0.75	41.23	37.53	81.4	102	29.3	18.8	1112	4.05	6.2	1.1	2.9	3.8	11.7	0.07	0.39	0.36	31	0.15	0.059
617792	Soil	0.56	28.92	32.80	75.4	41	26.2	18.7	785	4.35	5.9	0.7	0.9	3.8	17.7	0.09	0.37	0.32	33	0.33	0.033
617793	Soil	0.57	31.35	28.65	72.1	102	27.1	14.3	1344	3.68	9.4	1.6	2.8	3.1	32.0	0.16	0.70	0.30	28	1.84	0.060
617794	Soil	0.46	27.10	28.94	79.0	67	26.5	13.6	1163	3.53	12.1	1.1	1.7	3.0	33.5	0.11	0.76	0.29	20	1.73	0.042
617795	Soil	0.55	36.71	27.99	91.8	85	33.7	16.6	651	3.51	10.9	0.8	2.6	4.5	56.1	0.16	0.47	0.31	17	1.63	0.040
617796	Soil	0.66	32.14	29.88	88.6	90	30.0	15.5	701	3.40	12.5	1.3	2.2	4.4	30.7	0.14	0.72	0.33	20	1.29	0.046
617797	Soil	1.15	28.29	25.94	108.0	149	29.1	11.8	905	4.26	17.9	2.0	3.0	1.9	27.7	0.27	1.15	0.35	33	1.73	0.088
617798	Soil	1.14	36.74	37.07	72.2	78	35.0	19.8	990	3.51	19.9	1.5	2.6	2.3	35.2	0.16	1.10	0.36	14	2.32	0.050
617799	Soil	0.77	17.42	18.83	102.0	50	17.5	9.5	347	4.35	6.1	0.4	1.0	2.7	9.0	0.06	0.36	0.37	42	0.10	0.046
617800	Soil	0.78	26.67	35.59	87.8	79	24.8	24.3	2448	4.28	6.4	0.5	1.0	4.1	4.3	0.18	0.33	0.37	35	0.03	0.047
1098487	Soil	1.16	182.6	44.47	114.6	55	40.6	45.8	1339	4.34	7.3	1.5	1.3	3.4	5.2	0.10	0.28	0.38	35	0.05	0.061
1098488	Soil	0.68	33.80	26.68	89.7	53	26.2	23.2	1505	4.84	2.6	0.7	1.2	3.7	4.5	0.18	0.26	0.44	38	0.02	0.071
1098489	Soil	0.88	32.53	50.45	88.8	25	32.5	26.9	1259	4.31	6.4	0.9	1.4	5.3	6.0	0.14	0.45	0.34	42	0.03	0.029
1098490	Soil	0.84	25.87	29.54	73.6	17	25.7	18.5	990	3.60	6.7	0.7	1.8	2.8	5.5	0.08	0.40	0.29	37	0.03	0.026



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CERTIFICATE OF ANALYSIS

WHI11001356.1

	Method Analyte Unit MDL	1F15 La ppm 0.5	1F15 Cr ppm 0.5	1F15 Mg % 0.01	1F15 Ba ppm 0.5	1F15 Ti % 0.001	1F15 B ppm 1	1F15 Al % 0.01	1F15 Na % 0.001	1F15 K % 0.01	1F15 W ppm 0.1	1F15 Sc ppm 0.1	1F15 Ti ppm 0.02	1F15 S % 0.02	1F15 Hg ppb 5	1F15 Se ppm 0.1	1F15 Te ppm 0.02	1F15 Ga ppm 0.1	1F15 Cs ppm 0.02	1F15 Ge ppm 0.1	1F15 Hf ppm 0.02
1096523	Soil	12.5	31.1	0.64	155.6	0.005	3	1.95	0.003	0.10	<0.1	3.6	0.12	0.04	36	0.2	0.05	5.1	1.18	<0.1	0.06
1096524	Soil	14.4	33.3	0.72	158.0	0.006	2	1.85	0.005	0.08	0.1	4.3	0.11	0.03	42	0.3	0.03	5.3	0.88	<0.1	0.05
1096525	Soil	19.4	27.2	0.80	68.1	0.001	2	1.70	0.002	0.08	<0.1	5.8	0.11	0.02	31	0.1	0.04	4.1	0.70	<0.1	0.04
1096526	Soil	10.1	20.7	0.30	71.0	0.004	2	1.23	0.002	0.07	<0.1	1.6	0.10	<0.02	12	<0.1	0.04	4.8	0.85	<0.1	0.03
1096527	Soil	7.4	15.5	3.69	74.2	0.003	4	0.85	0.007	0.10	<0.1	2.8	0.05	0.08	51	0.4	0.02	2.2	0.76	<0.1	0.04
617780	Soil	9.9	29.6	0.39	88.2	0.006	2	1.72	0.002	0.09	<0.1	2.2	0.14	<0.02	25	0.2	0.03	7.0	3.21	<0.1	0.03
617781	Soil	6.1	28.6	0.44	68.3	0.002	2	2.03	0.002	0.09	<0.1	2.1	0.12	0.02	23	0.2	0.03	5.5	2.58	<0.1	0.11
617782	Soil	6.8	36.5	0.40	157.3	0.008	4	1.95	0.003	0.13	<0.1	3.6	0.20	0.04	41	0.6	0.05	6.5	5.22	0.1	0.08
617783	Soil	6.3	26.9	0.33	85.9	0.004	2	1.52	0.003	0.11	<0.1	1.9	0.11	0.03	32	0.2	0.02	6.1	2.05	<0.1	0.02
617784	Soil	7.8	45.3	0.48	128.6	0.003	1	2.28	0.006	0.11	<0.1	4.6	0.15	0.02	39	0.2	0.02	9.3	3.93	<0.1	0.06
617785	Soil	7.0	36.6	0.43	99.2	0.003	1	1.96	0.004	0.08	<0.1	3.8	0.11	<0.02	37	0.2	0.03	7.1	2.79	<0.1	0.04
617786	Soil	5.8	29.9	0.27	87.6	0.002	<1	1.68	0.005	0.09	<0.1	2.9	0.10	<0.02	32	0.2	0.04	8.9	1.26	<0.1	0.03
617787	Soil	5.3	36.8	0.40	95.1	0.004	2	2.05	0.004	0.14	<0.1	3.5	0.14	<0.02	42	0.3	0.05	6.9	2.55	<0.1	0.04
617788	Soil	2.8	28.7	0.13	96.4	0.006	2	1.24	0.004	0.09	0.2	2.0	0.15	0.02	24	0.1	0.02	6.5	1.82	<0.1	0.02
617789	Soil	5.9	32.6	0.36	224.2	0.006	3	1.68	0.004	0.11	<0.1	4.6	0.13	0.03	31	0.2	0.06	5.6	3.62	<0.1	0.04
617790	Soil	5.2	30.8	0.45	200.8	0.002	2	1.77	0.004	0.10	<0.1	3.9	0.11	0.02	14	0.1	<0.02	5.7	2.63	<0.1	0.04
617791	Soil	6.5	34.5	0.44	255.1	0.003	3	1.88	0.005	0.12	<0.1	4.8	0.15	0.04	41	0.2	0.03	5.9	3.05	<0.1	0.03
617792	Soil	4.0	34.1	0.46	108.9	0.003	2	1.71	0.006	0.12	<0.1	3.3	0.13	0.02	11	0.1	0.03	6.5	2.21	<0.1	0.03
617793	Soil	12.1	25.2	0.90	192.6	0.003	3	1.53	0.005	0.10	<0.1	4.8	0.14	0.04	80	0.2	0.04	4.6	0.82	<0.1	0.05
617794	Soil	9.3	20.4	1.11	72.2	0.002	4	1.28	0.004	0.09	<0.1	4.0	0.10	0.03	78	0.3	0.03	3.4	0.73	<0.1	0.06
617795	Soil	7.0	21.1	0.90	78.7	0.001	5	1.33	0.004	0.15	<0.1	5.0	0.12	0.03	103	0.4	0.03	3.6	1.42	<0.1	0.09
617796	Soil	9.3	21.4	0.89	70.4	0.003	4	1.21	0.003	0.12	<0.1	4.5	0.13	0.03	70	0.4	0.04	3.4	1.12	<0.1	0.08
617797	Soil	11.2	20.0	0.50	95.8	0.002	3	1.08	0.003	0.08	<0.1	4.5	0.15	0.07	90	0.4	0.09	2.6	0.31	<0.1	0.07
617798	Soil	8.0	11.9	0.86	86.3	<0.001	4	0.60	0.004	0.11	<0.1	5.2	0.35	0.05	97	0.2	0.05	1.6	0.32	<0.1	0.06
617799	Soil	6.2	29.2	0.33	109.9	0.003	<1	1.76	0.001	0.11	<0.1	2.0	0.11	<0.02	19	0.2	0.03	7.9	1.16	<0.1	0.03
617800	Soil	4.8	33.8	0.34	84.1	0.003	1	2.08	0.001	0.09	<0.1	2.5	0.13	0.02	48	0.2	0.04	6.6	3.43	<0.1	0.07
1098487	Soil	5.0	46.2	0.76	129.0	0.004	1	2.53	0.005	0.12	<0.1	4.0	0.18	0.04	33	0.1	0.03	8.8	3.51	<0.1	0.07
1098488	Soil	3.8	38.5	0.39	98.1	0.005	1	2.48	0.004	0.19	<0.1	3.3	0.19	0.03	36	0.2	0.04	8.8	2.57	<0.1	0.10
1098489	Soil	6.6	38.4	0.50	95.7	0.009	1	2.04	0.004	0.10	<0.1	3.6	0.17	<0.02	28	0.2	0.02	6.8	4.12	<0.1	0.03
1098490	Soil	6.4	31.1	0.40	80.1	0.009	1	1.75	0.002	0.06	<0.1	2.7	0.10	<0.02	20	0.3	0.02	5.9	1.86	<0.1	<0.02



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1096523	Soil	0.49	14.4	1.7	<0.05	1.7	8.19	30.0	0.03	<1	1.0	28.2	<10
1096524	Soil	0.67	8.8	1.4	<0.05	2.3	9.60	29.7	0.04	<1	0.9	26.6	<10
1096525	Soil	0.13	9.4	2.3	<0.05	2.2	16.99	39.9	0.05	<1	1.2	23.5	<10
1096526	Soil	0.46	12.8	1.1	<0.05	1.3	2.16	21.7	0.02	<1	0.3	20.8	<10
1096527	Soil	0.12	6.4	2.0	<0.05	1.2	7.01	16.3	0.02	<1	0.5	16.9	<10
617780	Soil	0.50	18.1	1.5	<0.05	1.5	3.19	20.7	0.03	<1	0.7	27.0	<10
617781	Soil	0.29	13.6	2.3	<0.05	4.1	4.61	15.4	0.07	<1	0.9	40.6	<10
617782	Soil	0.45	22.2	4.5	<0.05	2.5	5.68	19.0	0.06	2	2.3	32.0	<10
617783	Soil	0.52	14.8	5.2	<0.05	1.0	3.48	14.4	0.03	<1	0.9	23.3	<10
617784	Soil	0.30	16.6	4.1	<0.05	1.6	7.96	25.3	0.05	<1	1.9	44.0	<10
617785	Soil	0.33	12.2	2.4	<0.05	1.9	5.15	22.1	0.04	<1	1.5	38.9	<10
617786	Soil	0.39	15.9	1.8	<0.05	1.4	3.16	13.2	0.04	<1	0.8	20.2	<10
617787	Soil	0.51	16.8	4.1	<0.05	1.6	4.68	14.2	0.04	<1	1.4	30.0	<10
617788	Soil	0.51	15.3	2.7	<0.05	0.7	2.70	6.8	0.04	<1	0.4	6.2	<10
617789	Soil	0.55	15.8	7.9	<0.05	1.2	6.11	13.4	0.04	<1	1.7	26.0	<10
617790	Soil	0.30	11.7	4.3	<0.05	1.4	6.09	15.2	0.04	<1	1.8	32.8	<10
617791	Soil	0.46	14.6	9.7	<0.05	1.2	8.63	17.5	0.04	<1	1.7	34.1	<10
617792	Soil	0.53	16.8	4.1	<0.05	1.5	3.58	10.6	0.04	<1	0.9	30.0	<10
617793	Soil	0.44	8.5	1.9	<0.05	1.4	13.89	28.0	0.03	<1	1.4	24.2	<10
617794	Soil	0.20	6.5	0.9	<0.05	1.7	9.79	23.1	0.04	<1	1.0	29.0	<10
617795	Soil	0.17	7.7	1.4	<0.05	5.1	10.18	16.0	0.04	<1	1.0	35.4	<10
617796	Soil	0.22	8.3	1.0	<0.05	3.2	10.43	22.2	0.04	<1	1.1	28.4	<10
617797	Soil	0.28	5.2	0.8	<0.05	2.3	19.09	23.2	0.04	<1	1.0	11.5	<10
617798	Soil	0.12	5.2	1.6	<0.05	1.6	12.71	19.4	0.04	<1	1.0	4.9	<10
617799	Soil	0.52	18.8	1.7	<0.05	0.9	2.59	12.8	0.03	<1	0.5	29.5	<10
617800	Soil	0.45	16.7	5.1	<0.05	2.6	3.01	12.1	0.04	<1	1.2	38.0	<10
1098487	Soil	0.43	15.2	6.3	<0.05	2.8	6.61	17.4	0.06	<1	1.5	47.7	<10
1098488	Soil	0.64	26.6	5.1	<0.05	2.3	4.63	11.4	0.06	<1	1.4	27.9	<10
1098489	Soil	0.35	15.1	3.3	<0.05	1.2	4.58	21.2	0.04	<1	1.2	35.2	<10
1098490	Soil	0.41	10.3	1.3	<0.05	0.5	4.35	16.4	0.03	<1	0.9	30.5	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
1098491	Soil	0.91	28.22	36.21	85.4	60	26.8	20.9	688	4.14	7.7	0.6	0.6	2.9	5.5	0.12	0.43	0.35	36	0.03
1098492	Soil	1.20	22.49	27.33	79.6	34	21.2	13.2	568	4.02	7.5	0.7	3.9	2.0	6.5	0.18	0.55	0.30	39	0.04
1098493	Soil	1.04	31.88	43.88	114.1	129	25.2	21.8	1255	4.70	7.5	0.7	0.9	3.3	6.9	0.19	0.42	0.44	46	0.04
1098494	Soil	0.84	34.27	41.45	116.9	88	25.6	27.3	1534	4.62	6.4	0.7	1.1	3.7	8.4	0.18	0.29	0.45	44	0.04
1098495	Soil	0.66	41.28	75.75	110.0	79	32.0	45.6	2648	4.57	7.4	0.9	0.5	3.2	15.0	0.11	0.31	0.47	31	0.07
1098496	Soil	0.42	39.02	59.02	100.7	66	36.2	28.4	1537	3.84	6.1	1.0	1.9	4.9	11.8	0.02	0.19	0.49	33	0.09
1098497	Soil	0.65	19.46	22.13	108.2	74	14.3	16.0	829	3.60	4.1	0.5	1.1	3.7	5.4	0.32	0.27	0.37	40	0.02
1098498	Soil	0.81	24.22	35.43	100.3	60	23.5	17.9	925	4.53	6.1	0.7	0.6	2.1	5.1	0.17	0.40	0.40	36	0.03
1098499	Soil	0.73	31.75	60.18	124.9	93	24.1	18.7	1424	4.98	6.0	0.9	0.7	2.0	7.0	0.35	0.37	0.45	48	0.05
1098500	Soil	0.80	29.24	30.63	80.7	19	29.6	17.8	769	3.74	7.0	0.8	1.7	3.9	7.9	0.11	0.43	0.34	40	0.04
1098342	Soil	0.66	37.54	75.99	79.1	185	33.2	51.1	2866	3.89	4.8	1.1	0.8	3.1	14.0	0.19	0.22	0.32	24	0.23
1098343	Soil	0.81	31.52	40.97	72.2	34	25.9	28.9	1294	4.03	7.8	0.9	1.5	3.9	7.5	0.12	0.40	0.30	40	0.05
1098344	Soil	0.63	37.66	50.01	71.4	77	25.4	24.5	4130	4.09	3.0	0.8	4.3	1.6	6.7	0.29	0.37	0.46	42	0.16
1098345	Soil	0.73	61.78	70.27	89.8	134	38.8	41.5	3207	4.43	3.6	1.3	3.4	4.5	19.7	0.11	0.25	0.43	33	0.30
1098346	Soil	0.64	12.13	55.12	302.5	129	13.7	8.1	3646	5.40	21.2	0.8	0.8	1.0	19.0	1.16	3.30	0.22	23	5.88
1098347	Soil	1.19	20.87	44.85	133.9	209	20.6	7.8	2833	5.71	53.1	2.7	2.0	1.3	21.2	0.40	8.54	0.19	13	7.66
1098348	Soil	0.74	21.69	25.93	82.7	166	25.0	8.8	382	2.75	8.4	1.7	1.4	2.2	31.3	0.12	1.87	0.32	15	1.36
1098349	Soil	0.58	31.17	23.44	84.1	139	29.6	10.8	295	2.93	7.9	1.3	2.9	4.6	84.2	0.10	0.35	0.30	24	1.30
1098350	Soil	0.47	26.37	22.33	80.9	191	26.8	10.6	276	2.58	6.2	2.6	2.1	3.1	83.3	0.15	0.26	0.28	22	1.27
1098341	Soil	0.41	13.18	25.09	168.2	94	18.4	7.4	740	2.37	5.7	1.3	0.5	2.1	46.0	0.29	0.42	0.20	13	3.76
617853	Soil	0.44	33.34	49.43	104.6	128	31.3	17.8	1343	3.80	6.2	1.3	0.7	3.3	17.2	0.11	0.24	0.39	27	0.56
617854	Soil	0.70	34.83	49.71	93.3	55	27.4	25.5	1385	6.30	6.3	0.5	<0.2	4.6	9.2	0.05	0.25	0.45	37	0.03
617855	Soil	0.46	29.22	28.36	99.7	39	30.7	17.6	672	4.03	5.9	0.7	0.9	4.7	17.6	0.06	0.22	0.40	34	0.37
617856	Soil	0.40	10.84	14.99	32.3	37	12.4	6.0	82	3.95	2.5	0.8	0.3	4.2	4.5	0.03	0.37	0.51	50	0.03
617857	Soil	0.65	32.34	25.15	83.3	164	26.9	13.0	777	3.57	5.6	2.3	1.5	3.9	49.9	0.13	0.28	0.38	31	0.64
617858	Soil	0.69	14.21	20.88	78.8	72	17.1	10.5	498	5.16	5.0	0.6	0.6	4.4	5.9	0.12	0.24	0.52	48	0.03
617859	Soil	1.30	24.15	44.71	93.9	169	24.0	18.0	858	5.15	8.1	1.1	0.3	3.8	11.6	0.13	0.56	0.43	48	0.14
617860	Soil	0.64	25.47	49.46	85.7	96	29.0	42.6	3534	4.59	5.1	0.9	0.8	4.4	9.6	0.14	0.31	0.46	35	0.07
617861	Soil	0.57	23.27	25.59	71.5	99	22.2	15.2	5414	3.98	5.4	0.7	0.7	4.0	9.4	0.11	0.29	0.40	35	0.25
617862	Soil	0.44	27.32	24.61	84.2	89	28.8	14.0	568	3.53	4.7	1.1	0.6	4.1	32.6	0.10	0.24	0.31	25	0.37



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1098491	Soil	6.0	33.4	0.35	66.0	0.008	<1	1.72	0.003	0.07	<0.1	2.7	0.10	<0.02	35	0.2	<0.02	6.2	2.43	<0.1
1098492	Soil	7.0	31.9	0.34	48.4	0.013	1	1.71	0.002	0.07	0.1	2.2	0.09	0.02	44	0.4	0.04	5.4	2.04	<0.1
1098493	Soil	7.0	37.4	0.34	91.1	0.005	<1	2.03	0.004	0.12	<0.1	3.1	0.11	0.02	32	0.3	0.02	7.6	2.10	<0.1
1098494	Soil	7.5	40.6	0.33	141.1	0.003	<1	2.17	0.004	0.14	<0.1	3.9	0.13	0.02	28	0.3	0.04	8.3	2.39	<0.1
1098495	Soil	5.4	32.7	0.35	194.5	0.003	<1	1.88	0.004	0.15	<0.1	4.5	0.19	0.04	36	0.2	0.02	6.6	3.02	<0.1
1098496	Soil	6.8	37.3	0.62	199.2	0.008	1	1.97	0.002	0.19	<0.1	4.8	0.20	<0.02	20	<0.1	<0.02	8.2	3.77	<0.1
1098497	Soil	6.4	28.0	0.23	157.4	0.004	<1	1.71	0.002	0.16	<0.1	2.5	0.16	<0.02	30	0.1	0.02	7.7	1.33	<0.1
1098498	Soil	5.5	36.3	0.41	62.9	0.009	<1	2.09	0.001	0.11	<0.1	2.1	0.11	0.04	37	0.4	<0.02	6.5	1.65	<0.1
1098499	Soil	6.5	40.3	0.38	192.8	0.008	1	2.23	0.002	0.15	<0.1	2.4	0.15	0.05	26	0.3	0.02	9.0	2.39	<0.1
1098500	Soil	8.5	34.9	0.47	119.9	0.010	<1	1.97	0.003	0.08	<0.1	2.9	0.11	<0.02	17	0.2	0.03	6.2	1.76	<0.1
1098342	Soil	9.8	36.7	0.46	117.4	0.007	3	1.77	0.007	0.12	<0.1	5.5	0.12	0.10	106	<0.1	0.03	5.6	2.31	<0.1
1098343	Soil	7.0	31.5	0.47	85.4	0.006	2	1.78	0.005	0.10	<0.1	4.3	0.13	<0.02	29	0.3	0.04	6.6	3.06	<0.1
1098344	Soil	3.8	32.7	0.34	191.6	0.005	2	1.77	0.008	0.13	0.1	2.7	0.14	0.07	40	0.1	0.07	6.3	3.22	<0.1
1098345	Soil	8.7	39.5	0.73	477.2	0.005	2	1.98	0.013	0.15	<0.1	7.7	0.16	0.04	75	<0.1	0.04	7.8	3.35	<0.1
1098346	Soil	10.4	13.3	3.27	125.5	0.003	3	0.87	0.009	0.05	<0.1	2.1	0.09	0.06	206	0.2	0.05	2.1	0.41	<0.1
1098347	Soil	7.0	10.6	4.92	72.5	0.002	4	0.67	0.011	0.06	<0.1	1.7	0.14	0.07	184	0.4	0.08	1.6	0.34	<0.1
1098348	Soil	7.0	19.0	0.55	61.0	0.001	3	0.98	0.005	0.09	<0.1	3.7	0.11	0.05	108	0.4	<0.02	3.1	0.60	<0.1
1098349	Soil	10.9	28.9	0.84	95.1	0.003	4	1.59	0.007	0.15	<0.1	5.1	0.10	0.04	70	0.2	0.05	4.8	1.62	<0.1
1098350	Soil	11.0	28.3	0.78	120.0	0.002	3	1.57	0.007	0.12	<0.1	5.2	0.10	0.05	88	0.2	<0.02	4.5	2.61	<0.1
1098341	Soil	9.1	12.3	1.80	56.2	0.002	3	0.88	0.006	0.07	<0.1	2.7	0.07	0.05	84	0.2	<0.02	2.1	0.34	<0.1
617853	Soil	8.9	33.6	0.49	134.0	0.002	2	1.83	0.008	0.11	<0.1	5.5	0.12	0.04	43	<0.1	<0.02	6.4	3.07	<0.1
617854	Soil	6.0	43.6	0.45	58.8	0.002	<1	1.91	0.008	0.09	<0.1	4.1	0.12	0.02	24	<0.1	0.03	9.1	2.95	<0.1
617855	Soil	6.8	39.6	0.60	100.1	0.003	1	1.94	0.010	0.11	<0.1	4.6	0.10	0.02	22	<0.1	0.03	7.5	2.78	<0.1
617856	Soil	3.5	31.4	0.21	87.8	0.006	1	1.25	0.008	0.15	0.1	2.5	0.12	<0.02	6	<0.1	<0.02	7.3	1.95	<0.1
617857	Soil	8.8	34.1	0.49	177.2	0.002	<1	1.76	0.009	0.13	<0.1	4.1	0.12	0.03	41	0.2	0.03	7.0	1.66	<0.1
617858	Soil	6.1	37.4	0.29	82.5	0.003	1	2.00	0.006	0.12	<0.1	2.9	0.13	<0.02	20	0.2	0.05	10.4	2.79	<0.1
617859	Soil	10.1	42.4	0.45	107.8	0.008	2	2.14	0.007	0.12	<0.1	4.0	0.16	0.03	58	0.3	<0.02	8.0	4.05	<0.1
617860	Soil	7.2	34.9	0.39	216.6	0.006	2	1.92	0.008	0.17	<0.1	4.0	0.20	0.03	71	0.1	0.02	7.4	4.27	<0.1
617861	Soil	10.1	27.0	0.23	195.5	0.002	1	1.76	0.005	0.14	<0.1	4.3	0.18	0.03	42	<0.1	0.03	7.1	2.35	<0.1
617862	Soil	7.7	30.1	0.49	91.2	0.002	1	1.71	0.008	0.12	<0.1	5.1	0.11	0.04	53	<0.1	0.02	5.5	2.11	<0.1



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10
1098491	Soil	0.49	9.7	2.1	<0.05	0.7	4.05	22.0	0.04	<1	1.0	37.2	<10
1098492	Soil	0.70	9.3	1.5	<0.05	0.5	3.67	16.0	0.03	<1	0.6	26.9	<10
1098493	Soil	0.63	18.6	4.4	<0.05	1.2	4.75	20.7	0.05	<1	1.1	35.0	<10
1098494	Soil	0.49	20.1	2.1	<0.05	2.0	5.44	20.3	0.05	<1	1.2	36.3	<10
1098495	Soil	0.28	19.6	2.3	<0.05	1.1	6.47	20.5	0.04	<1	1.9	34.0	<10
1098496	Soil	0.20	23.4	1.6	<0.05	1.5	9.77	26.2	0.04	<1	2.1	35.1	<10
1098497	Soil	0.50	24.2	1.5	<0.05	1.3	3.10	14.9	0.03	<1	0.8	18.5	<10
1098498	Soil	0.68	13.7	2.3	<0.05	0.8	4.13	16.4	0.04	<1	0.9	28.8	<10
1098499	Soil	0.63	23.3	2.9	<0.05	0.9	5.92	17.5	0.04	<1	1.3	31.9	<10
1098500	Soil	0.32	10.5	1.6	<0.05	1.3	5.31	23.1	0.03	<1	1.3	31.0	<10
1098342	Soil	0.38	11.4	17.9	<0.05	1.1	14.32	31.1	0.06	<1	1.6	24.8	<10
1098343	Soil	0.29	14.4	1.3	<0.05	1.1	4.82	19.8	0.05	<1	1.2	31.2	<10
1098344	Soil	0.52	17.3	2.9	<0.05	0.7	6.22	14.2	0.05	<1	1.9	20.8	<10
1098345	Soil	0.37	16.8	3.0	<0.05	2.0	32.28	33.1	0.05	<1	2.2	34.7	<10
1098346	Soil	0.17	4.7	1.9	<0.05	1.1	11.73	23.4	0.03	<1	0.4	4.1	<10
1098347	Soil	0.08	3.4	1.8	<0.05	1.6	12.29	14.6	<0.02	<1	0.4	7.4	<10
1098348	Soil	0.22	6.0	3.8	<0.05	2.3	9.37	17.1	0.04	<1	0.6	21.4	<10
1098349	Soil	0.32	10.2	4.2	<0.05	5.4	10.11	22.8	0.03	3	0.8	44.8	<10
1098350	Soil	0.36	9.8	3.4	<0.05	4.5	13.04	23.0	0.04	<1	1.1	47.4	10
1098341	Soil	0.23	5.1	2.3	<0.05	1.6	8.84	23.5	0.03	<1	0.5	11.8	<10
617853	Soil	0.36	14.7	2.0	<0.05	1.9	16.52	22.7	0.04	1	1.4	35.5	<10
617854	Soil	0.33	14.4	2.5	<0.05	3.5	4.08	15.7	0.04	1	1.2	29.9	<10
617855	Soil	0.40	13.9	2.2	<0.05	2.1	5.30	18.9	0.03	<1	1.3	39.1	<10
617856	Soil	0.64	20.6	1.2	<0.05	0.9	3.48	7.6	<0.02	<1	0.5	9.1	<10
617857	Soil	0.45	19.1	3.5	<0.05	2.6	10.05	16.8	0.03	<1	1.2	37.9	<10
617858	Soil	0.47	24.2	1.3	<0.05	2.7	3.86	14.2	0.04	<1	0.8	31.7	<10
617859	Soil	0.95	19.4	4.1	<0.05	1.6	11.45	25.2	0.04	<1	1.5	37.8	<10
617860	Soil	0.40	25.8	2.4	<0.05	1.4	6.35	24.9	0.04	<1	2.1	32.9	<10
617861	Soil	0.31	20.6	3.1	<0.05	2.3	17.56	25.8	0.04	<1	1.2	19.3	<10
617862	Soil	0.42	14.0	1.6	<0.05	2.3	10.33	20.8	0.04	<1	1.2	33.5	<10



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
617863	Soil	0.77	38.92	36.19	89.7	71	33.2	18.1	870	4.46	5.3	0.7	1.0	4.4	10.8	0.09	0.30	0.36	37	0.08
617864	Soil	0.64	35.45	26.75	82.9	53	32.2	17.0	824	3.95	5.5	0.9	1.0	5.0	13.6	0.15	0.37	0.30	40	0.17
617865	Soil	0.73	42.58	44.38	84.7	80	26.6	22.3	1719	4.54	5.8	0.8	0.9	3.5	20.3	0.04	0.31	0.33	34	0.20
617866	Soil	0.60	31.67	21.97	73.8	65	28.5	18.2	740	3.64	3.4	0.9	1.6	4.7	14.7	0.05	0.25	0.32	36	0.42
1098221	Soil	0.82	38.46	34.89	105.2	278	40.5	22.7	1149	4.21	12.5	0.7	2.5	5.6	43.1	0.17	0.67	0.27	29	0.70
617039	Soil	0.47	17.09	26.14	89.5	130	19.7	8.0	1742	5.02	9.8	1.7	2.9	3.7	17.5	0.19	0.35	0.28	19	1.16
1267760	Soil	0.55	13.86	20.15	80.9	87	22.2	10.9	388	3.82	5.2	0.4	<0.2	3.9	6.2	0.05	0.19	0.28	39	0.04
1266379	Soil	0.38	17.73	19.93	80.1	66	18.1	7.7	287	3.42	4.5	0.5	0.4	3.1	11.1	0.09	0.22	0.31	29	0.16
617101	Soil	0.80	18.11	39.94	73.1	225	22.9	5.5	1452	3.05	27.1	3.3	10.5	1.8	34.3	0.28	3.22	0.14	12	8.94
617102	Soil	0.77	17.01	43.66	174.0	136	21.0	7.7	2231	4.57	18.6	1.6	2.8	1.8	9.1	0.31	2.21	0.24	27	1.32
617103	Soil	0.38	8.78	14.85	29.0	75	9.3	3.8	1171	1.81	8.1	1.0	3.3	0.7	27.6	0.18	1.10	0.08	14	9.18
617104	Soil	0.73	20.61	38.56	129.4	170	21.9	9.5	9024	7.91	22.4	1.8	3.1	1.7	12.5	0.56	2.40	0.22	35	2.43
617105	Soil	0.55	16.91	22.94	68.6	111	19.9	10.9	1989	3.00	13.1	1.0	1.7	1.1	17.0	0.27	1.59	0.21	19	4.66
617106	Soil	0.68	16.63	20.68	86.2	174	18.4	7.9	1546	2.95	10.9	0.9	2.1	1.4	22.4	0.35	1.06	0.18	27	4.99
617107	Soil	0.83	22.93	17.25	43.8	34	17.2	16.6	507	2.50	9.3	0.5	<0.2	0.4	3.7	0.08	0.68	0.37	25	0.08
617108	Soil	0.59	32.40	21.47	28.6	81	27.0	29.7	352	2.74	27.4	0.8	<0.2	3.2	4.6	0.04	1.00	0.40	11	0.19
617109	Soil	1.58	38.24	23.19	28.9	68	31.7	35.3	781	3.70	9.4	1.0	<0.2	3.2	8.2	0.05	0.44	0.31	12	0.71
617110	Soil	0.70	21.21	17.87	32.7	85	20.4	11.9	500	2.61	9.6	0.7	<0.2	2.2	7.6	0.12	0.47	0.36	16	0.46
617111	Soil	0.84	34.99	57.47	124.8	54	26.5	30.1	2205	4.28	5.8	1.8	2.3	1.1	12.1	0.32	0.38	0.51	34	0.61
617112	Soil	0.86	37.81	32.81	103.0	47	35.5	25.7	1557	4.67	5.3	0.8	1.5	3.3	5.8	0.17	0.37	0.38	37	0.04
617113	Soil	0.77	45.11	75.23	94.2	38	40.9	57.8	2483	4.58	6.1	0.9	0.9	4.3	11.2	0.22	0.32	0.43	34	0.09
617114	Soil	0.65	47.64	155.4	96.5	102	41.5	77.1	5187	4.65	5.3	0.9	2.3	4.0	17.0	0.07	0.27	0.38	32	0.17
617115	Soil	0.93	67.17	55.52	89.0	98	27.1	18.7	8324	3.12	3.9	1.7	1.7	1.4	16.7	0.43	0.32	0.32	29	1.08
617116	Soil	1.24	15.89	17.68	62.9	27	17.6	9.3	323	3.39	6.2	0.6	1.0	2.1	7.7	0.13	0.44	0.33	52	0.06
617117	Soil	0.75	24.90	18.09	57.4	80	10.6	5.4	215	3.53	5.2	0.5	1.1	2.7	5.4	0.06	0.20	0.37	39	0.02
617118	Soil	0.41	36.01	27.22	90.5	25	37.7	23.1	880	5.20	5.3	0.6	<0.2	5.7	6.4	0.04	0.14	0.46	41	0.02
617119	Soil	0.57	32.16	40.70	92.0	82	30.2	24.8	1595	4.07	6.0	0.9	<0.2	3.2	7.8	0.13	0.23	0.41	34	0.07
617120	Soil	0.62	33.54	42.39	95.9	109	32.5	22.4	2165	4.02	5.7	0.9	0.3	2.2	11.7	0.42	0.16	0.38	31	0.20
617121	Soil	0.83	27.86	37.14	97.4	83	29.3	20.2	1384	3.91	5.3	0.9	0.9	4.3	5.7	0.13	0.28	0.41	32	0.04
617122	Soil	1.12	55.68	31.04	84.0	106	20.7	11.6	563	4.04	7.0	0.6	0.3	4.7	6.5	0.10	0.43	0.40	42	0.04



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
617863	Soil	6.0	40.6	0.56	296.0	0.003	1	2.08	0.010	0.16	<0.1	4.4	0.16	0.03	23	<0.1	0.03	8.5	3.44	<0.1
617864	Soil	8.2	38.5	0.64	236.9	0.004	2	1.98	0.012	0.13	<0.1	4.5	0.13	<0.02	30	<0.1	0.04	6.7	2.63	<0.1
617865	Soil	5.2	37.0	0.50	128.5	0.006	3	1.92	0.010	0.14	<0.1	4.3	0.12	0.02	30	<0.1	0.04	7.6	3.38	0.1
617866	Soil	5.4	36.8	0.64	258.4	0.003	2	2.04	0.011	0.17	<0.1	5.0	0.15	0.02	28	<0.1	<0.02	7.7	2.84	<0.1
1098221	Soil	10.2	24.3	0.58	188.0	0.006	2	1.43	0.010	0.10	<0.1	5.6	0.11	0.03	68	0.3	0.04	4.1	1.89	<0.1
617039	Soil	10.2	18.1	0.62	128.4	<0.001	<1	1.31	0.004	0.11	<0.1	3.7	0.11	0.03	98	<0.1	0.03	3.8	0.78	<0.1
1267760	Soil	7.1	34.1	0.43	128.9	0.003	<1	2.10	0.006	0.09	<0.1	3.1	0.13	<0.02	27	0.1	<0.02	8.1	1.55	<0.1
1266379	Soil	5.9	29.7	0.34	86.1	0.002	<1	1.71	0.006	0.13	<0.1	2.8	0.15	0.02	34	<0.1	0.02	7.5	1.64	<0.1
617101	Soil	5.8	9.2	6.25	42.7	0.002	3	0.38	0.012	0.08	<0.1	1.7	0.10	0.05	353	0.7	0.04	1.1	0.28	<0.1
617102	Soil	11.4	16.8	0.65	105.3	0.004	2	1.08	0.005	0.07	<0.1	2.8	0.12	0.08	145	0.3	0.05	2.6	0.50	<0.1
617103	Soil	5.0	7.5	6.76	47.4	0.006	2	0.41	0.012	0.04	<0.1	0.9	0.09	0.04	76	0.2	<0.02	1.0	0.28	<0.1
617104	Soil	15.5	23.3	1.13	293.5	0.007	3	1.66	0.007	0.07	<0.1	2.5	0.24	0.18	261	0.7	0.11	3.7	0.75	<0.1
617105	Soil	11.0	13.4	2.70	95.2	0.004	3	0.87	0.007	0.08	<0.1	2.3	0.09	0.06	112	0.3	0.05	2.1	0.32	<0.1
617106	Soil	9.9	15.7	2.95	98.0	0.005	2	1.08	0.009	0.06	<0.1	2.1	0.09	0.07	112	0.2	<0.02	2.3	0.49	<0.1
617107	Soil	7.9	16.8	0.11	38.7	0.005	2	0.66	0.003	0.17	<0.1	1.1	0.12	0.04	91	<0.1	0.06	3.3	5.40	<0.1
617108	Soil	6.8	10.6	0.12	54.1	0.001	3	0.62	0.003	0.20	<0.1	7.3	0.17	0.05	45	<0.1	0.03	2.3	3.53	<0.1
617109	Soil	6.3	21.3	0.15	133.5	0.002	3	0.52	0.006	0.21	<0.1	8.0	0.13	0.10	63	<0.1	0.03	1.7	3.46	<0.1
617110	Soil	5.8	15.6	0.13	105.1	0.001	3	0.89	0.004	0.18	<0.1	5.7	0.10	0.10	51	<0.1	0.03	3.0	2.73	<0.1
617111	Soil	8.8	32.1	0.39	130.2	0.003	1	1.98	0.003	0.09	<0.1	2.6	0.14	0.07	32	0.2	<0.02	6.8	2.55	<0.1
617112	Soil	5.6	41.4	0.66	106.4	0.004	<1	2.37	0.006	0.12	<0.1	4.8	0.13	0.02	19	0.2	0.03	8.0	2.06	<0.1
617113	Soil	6.7	38.1	0.67	74.7	0.004	<1	2.09	0.006	0.10	<0.1	5.3	0.25	<0.02	18	<0.1	<0.02	8.3	3.81	<0.1
617114	Soil	4.1	36.4	0.72	271.0	0.002	<1	2.24	0.004	0.11	<0.1	6.0	0.21	<0.02	54	<0.1	0.03	8.3	3.41	<0.1
617115	Soil	9.8	26.9	0.37	562.8	0.006	1	1.72	0.005	0.10	<0.1	3.3	0.13	0.11	58	0.2	0.04	4.7	2.03	<0.1
617116	Soil	10.7	34.9	0.41	83.3	0.006	<1	2.09	0.002	0.07	<0.1	2.5	0.19	<0.02	26	0.1	0.03	7.8	2.04	<0.1
617117	Soil	5.9	25.5	0.15	58.8	0.002	<1	1.54	0.005	0.08	<0.1	2.2	0.14	0.03	32	0.2	<0.02	7.9	2.21	<0.1
617118	Soil	6.3	50.5	0.69	86.0	0.004	<1	2.74	0.002	0.08	<0.1	4.5	0.13	<0.02	9	0.2	0.04	10.3	3.93	<0.1
617119	Soil	6.8	39.1	0.42	109.1	0.003	<1	1.92	0.004	0.12	<0.1	3.8	0.11	0.04	26	<0.1	0.02	7.4	2.11	<0.1
617120	Soil	6.0	40.1	0.42	147.5	0.003	<1	1.95	0.005	0.14	<0.1	3.0	0.09	0.07	75	0.3	<0.02	7.1	1.76	<0.1
617121	Soil	7.1	36.3	0.40	133.5	0.003	<1	2.03	0.002	0.15	<0.1	3.3	0.14	0.04	39	<0.1	<0.02	7.0	2.00	<0.1
617122	Soil	8.0	32.3	0.37	67.8	0.004	<1	1.89	0.002	0.11	<0.1	2.2	0.13	0.02	40	0.2	0.03	7.4	2.32	<0.1



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10
617863	Soil	0.61	22.4	6.0	<0.05	1.9	8.39	15.2	0.05	<1	1.4	39.6	<10
617864	Soil	0.72	17.1	2.0	<0.05	1.5	7.65	19.6	0.04	<1	2.0	37.9	<10
617865	Soil	0.36	17.5	6.7	<0.05	1.0	6.40	12.6	0.04	2	1.2	31.0	<10
617866	Soil	0.60	21.3	2.0	<0.05	1.7	7.89	13.1	0.03	<1	1.4	33.4	<10
1098221	Soil	0.41	8.6	2.1	<0.05	3.6	15.32	23.4	0.03	<1	1.0	32.7	<10
617039	Soil	0.20	11.1	0.9	<0.05	2.1	10.27	23.1	0.02	<1	0.8	16.7	<10
1267760	Soil	0.45	18.4	1.4	<0.05	1.8	2.98	16.1	0.03	<1	0.9	38.1	<10
1266379	Soil	0.62	21.0	1.6	<0.05	1.5	3.39	14.2	0.02	<1	0.6	21.9	<10
617101	Soil	0.08	3.3	0.3	<0.05	1.8	14.87	13.7	<0.02	2	0.3	2.6	<10
617102	Soil	0.22	6.2	0.5	<0.05	1.8	15.15	21.7	0.04	<1	0.8	5.2	<10
617103	Soil	0.11	2.6	0.6	<0.05	0.7	6.43	10.5	<0.02	<1	0.4	3.9	<10
617104	Soil	0.30	8.1	0.5	<0.05	3.0	24.01	30.6	0.03	<1	1.3	7.2	<10
617105	Soil	0.19	4.7	0.6	<0.05	1.1	12.82	22.8	<0.02	<1	0.5	7.2	<10
617106	Soil	0.27	5.8	0.7	<0.05	1.7	11.56	19.6	0.03	<1	0.7	9.0	<10
617107	Soil	0.25	15.6	2.0	<0.05	0.5	2.41	22.0	0.03	<1	0.6	2.8	<10
617108	Soil	0.10	12.8	2.8	<0.05	1.5	11.89	26.5	0.04	1	1.6	2.4	<10
617109	Soil	0.16	10.6	10.5	<0.05	2.7	25.30	29.9	0.06	2	2.3	2.0	<10
617110	Soil	0.22	13.6	3.1	<0.05	2.3	11.43	12.5	0.04	1	1.3	2.5	<10
617111	Soil	0.27	13.7	2.0	<0.05	1.4	12.34	21.7	0.07	<1	1.6	28.4	<10
617112	Soil	0.36	13.8	1.6	<0.05	2.8	7.20	16.5	0.04	<1	1.4	37.3	<10
617113	Soil	0.13	12.6	1.5	<0.05	2.5	10.21	36.9	0.04	<1	1.9	41.4	<10
617114	Soil	0.06	12.4	1.1	<0.05	2.7	14.51	24.2	0.05	<1	1.7	47.9	<10
617115	Soil	0.32	9.5	3.8	<0.05	1.3	24.49	29.6	0.02	<1	2.3	20.7	<10
617116	Soil	0.77	14.9	1.0	<0.05	1.4	4.73	25.6	0.03	<1	0.9	24.2	<10
617117	Soil	0.40	16.8	1.7	<0.05	2.3	4.29	14.0	0.04	<1	0.8	10.0	<10
617118	Soil	0.22	14.7	1.3	<0.05	3.2	5.26	18.4	0.04	<1	1.5	53.0	<10
617119	Soil	0.38	13.7	1.9	<0.05	1.9	7.15	22.1	0.04	<1	1.8	30.2	<10
617120	Soil	0.42	10.8	3.0	<0.05	1.2	6.11	18.0	0.05	<1	1.4	30.1	<10
617121	Soil	0.51	17.8	4.0	<0.05	3.3	7.26	18.5	0.03	<1	1.7	30.3	<10
617122	Soil	0.77	15.2	2.4	<0.05	3.1	3.18	19.3	0.04	<1	0.7	24.1	<10



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Project: Scarlet
Report Date: November 01, 2011

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CERTIFICATE OF ANALYSIS

WHI11001356.1

	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
617123	Soil	1.02	19.56	29.35	123.6	61	19.3	15.6	1193	5.47	7.1	0.5	<0.2	3.7	5.0	0.12	0.37	0.45	49	0.04	0.066
617124	Soil	0.92	74.94	90.82	124.5	280	36.9	18.2	780	10.78	14.4	1.0	<0.2	9.0	8.9	0.18	0.45	0.49	18	0.07	0.090
617125	Soil	0.70	74.48	67.70	84.0	140	15.8	8.6	396	12.49	14.7	0.5	0.4	9.7	1.4	0.04	0.43	0.44	24	<0.01	0.069
617126	Soil	1.12	58.10	70.21	211.5	331	74.4	29.6	1066	7.67	12.3	4.7	0.8	12.0	50.7	0.31	0.38	0.47	19	0.42	0.096
617127	Soil	0.71	39.51	45.47	166.7	279	51.6	23.3	847	5.05	8.9	1.5	0.5	6.8	36.0	0.18	0.26	0.35	15	0.30	0.060
617128	Soil	0.38	23.87	31.15	104.4	136	31.8	12.3	767	3.65	12.2	0.8	2.7	3.8	27.9	0.14	0.74	0.29	11	2.82	0.065
617129	Soil	0.68	18.26	39.06	188.4	119	23.4	7.4	1207	4.44	19.9	1.6	2.7	1.5	11.1	0.37	1.89	0.30	25	1.03	0.135
617130	Soil	0.52	10.84	17.42	74.7	109	9.9	4.7	4154	4.63	15.9	2.0	1.9	0.4	19.4	0.34	1.84	0.09	17	11.95	0.177
617131	Soil	0.82	18.11	22.77	128.9	165	19.6	7.2	1438	3.59	11.9	1.1	1.2	0.6	15.6	0.38	1.15	0.20	30	4.05	0.183
617132	Soil	0.74	12.63	17.33	59.8	140	15.5	6.5	1807	2.39	11.0	1.4	2.0	0.8	36.7	0.37	1.22	0.12	25	10.98	0.151
617133	Soil	0.40	14.54	40.34	31.0	239	13.1	6.0	792	2.15	23.7	1.0	10.3	1.9	51.4	0.11	3.56	0.14	11	11.33	0.118
617134	Soil	0.84	19.07	16.21	56.3	47	15.7	16.0	1697	2.56	12.5	0.5	0.5	0.4	5.5	0.27	0.73	0.34	31	0.27	0.052
617135	Soil	0.48	38.60	14.33	54.4	30	32.9	20.1	805	2.98	6.1	0.9	0.6	2.1	8.2	0.08	0.44	0.46	20	0.34	0.067
617136	Soil	0.69	11.98	19.25	120.4	53	14.7	9.8	2817	3.24	3.7	1.6	0.3	0.8	16.9	0.26	0.31	0.30	27	0.79	0.093
617137	Soil	1.01	38.61	76.96	92.4	55	30.8	53.0	2434	4.27	6.0	0.9	0.7	4.4	11.0	0.07	0.45	0.34	38	0.12	0.047
617138	Soil	1.05	23.15	37.15	79.7	136	27.0	16.4	1465	4.14	7.1	0.8	1.5	1.4	7.8	0.25	0.59	0.32	40	0.08	0.062
617139	Soil	0.71	37.24	40.72	108.6	25	37.3	29.8	1258	4.95	6.3	0.5	0.3	3.5	5.8	0.10	0.25	0.39	37	0.02	0.038
617140	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.
617141	Soil	0.94	23.04	35.79	94.3	213	21.4	31.4	4052	3.57	2.2	0.7	0.6	0.6	10.6	0.47	0.29	0.42	40	0.18	0.090
617142	Soil	1.35	51.21	110.3	163.3	59	67.1	88.1	2887	4.87	12.3	1.0	1.4	5.9	8.2	0.06	0.37	0.49	30	0.08	0.039
617143	Soil	0.80	26.69	28.23	100.3	124	21.6	21.2	1724	3.70	5.2	0.5	0.3	2.4	6.8	0.24	0.26	0.38	39	0.06	0.063
617144	Soil	0.97	29.57	39.41	104.5	55	24.1	25.5	1581	4.74	7.5	0.7	0.4	4.5	8.5	0.11	0.36	0.37	49	0.05	0.056
617145	Soil	0.78	35.22	46.94	96.9	84	28.7	26.7	2148	4.78	6.4	0.9	0.8	4.5	7.7	0.15	0.20	0.41	37	0.05	0.064
617146	Soil	0.58	34.38	37.59	94.5	63	35.5	22.7	969	4.49	5.9	0.8	0.6	4.7	11.2	0.05	0.17	0.39	35	0.08	0.037
617147	Soil	0.83	17.45	26.31	151.0	162	17.9	11.2	647	3.57	5.7	0.4	0.6	0.7	6.8	0.30	0.36	0.40	30	0.06	0.080
617148	Soil	0.77	22.90	29.95	132.9	120	24.5	19.6	1094	4.77	4.5	0.6	0.7	3.9	5.7	0.16	0.32	0.46	35	0.03	0.076
617149	Soil	0.55	17.09	18.27	96.0	152	19.1	14.0	629	3.91	3.6	0.4	0.4	2.5	5.3	0.09	0.22	0.35	32	0.05	0.059
617150	Soil	0.62	10.36	23.13	37.6	63	10.0	5.5	673	1.42	16.7	0.7	1.9	0.5	28.5	0.14	1.27	0.12	8	10.21	0.113
617551	Soil	0.76	15.61	16.86	50.9	118	16.5	7.8	2035	2.05	6.2	0.6	0.8	0.4	27.4	0.28	0.68	0.17	12	6.34	0.119
617552	Soil	0.75	9.24	18.84	31.9	67	8.1	4.5	2771	2.13	4.7	0.9	0.7	0.2	23.9	0.32	0.60	0.09	5	10.75	0.160



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
617123	Soil	5.5	40.2	0.29	80.7	0.003	<1	2.03	0.004	0.10	<0.1	2.5	0.11	0.03	53	0.1	0.07	9.3	2.44	<0.1
617124	Soil	5.6	29.3	0.05	90.5	<0.001	1	1.19	0.002	0.09	<0.1	4.3	0.44	0.04	34	0.6	0.05	3.6	3.32	<0.1
617125	Soil	4.0	39.9	0.05	33.7	0.002	1	0.97	0.002	0.09	<0.1	3.6	0.37	0.14	10	0.7	0.08	4.7	3.52	<0.1
617126	Soil	8.4	22.5	0.23	204.9	0.002	3	1.56	0.010	0.16	<0.1	7.8	0.35	0.09	57	0.6	0.07	3.4	3.79	<0.1
617127	Soil	9.2	16.7	0.22	154.3	0.001	1	1.12	0.005	0.12	<0.1	5.4	0.21	0.05	22	0.5	0.03	2.9	2.16	<0.1
617128	Soil	6.7	11.8	1.54	85.6	0.001	1	0.70	0.004	0.11	<0.1	3.7	0.15	0.04	111	0.3	<0.02	1.9	1.24	<0.1
617129	Soil	7.4	18.8	0.29	126.7	0.002	1	1.05	0.002	0.07	<0.1	2.8	0.20	0.10	177	0.5	0.03	2.9	0.55	<0.1
617130	Soil	7.8	10.1	6.04	138.1	0.003	3	0.65	0.010	0.04	<0.1	0.8	0.20	0.07	108	0.4	<0.02	1.5	0.44	<0.1
617131	Soil	11.4	18.6	2.02	117.6	0.004	3	1.20	0.007	0.07	<0.1	1.4	0.13	0.13	109	0.3	0.04	2.8	0.89	<0.1
617132	Soil	8.8	14.0	5.89	78.3	0.008	2	0.79	0.010	0.05	0.1	1.4	0.13	0.02	108	0.3	0.03	1.8	0.58	<0.1
617133	Soil	6.3	9.6	5.95	57.5	0.001	2	0.36	0.008	0.06	0.3	1.8	0.09	<0.02	254	0.2	<0.02	1.1	0.18	<0.1
617134	Soil	6.8	12.9	0.13	153.7	0.004	<1	0.60	0.002	0.11	<0.1	1.0	0.13	0.03	48	<0.1	0.04	3.1	1.76	<0.1
617135	Soil	8.1	16.7	0.16	80.0	0.002	2	0.88	0.002	0.24	<0.1	3.5	0.13	0.05	17	<0.1	0.09	3.3	1.40	<0.1
617136	Soil	10.3	13.6	0.18	153.1	0.005	<1	0.96	0.002	0.10	<0.1	2.0	0.07	0.07	35	<0.1	0.07	3.4	1.66	<0.1
617137	Soil	10.2	33.4	0.47	91.0	0.006	<1	1.79	0.005	0.12	<0.1	5.6	0.20	<0.02	46	0.1	0.03	7.0	4.25	<0.1
617138	Soil	9.7	31.9	0.45	96.4	0.014	1	1.69	0.003	0.12	0.1	2.2	0.11	0.04	51	0.2	0.02	5.1	1.52	<0.1
617139	Soil	5.1	42.4	0.68	47.2	0.002	<1	2.54	0.003	0.08	<0.1	3.9	0.11	<0.02	22	0.1	0.02	9.1	2.32	<0.1
617140	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.
617141	Soil	3.5	36.2	0.36	409.6	0.009	<1	1.50	0.008	0.21	<0.1	1.6	0.20	0.09	65	<0.1	0.03	7.3	2.11	<0.1
617142	Soil	7.1	38.1	0.55	119.5	0.002	<1	1.95	0.003	0.09	<0.1	5.3	0.26	<0.02	27	0.1	<0.02	6.1	2.98	<0.1
617143	Soil	6.4	31.8	0.28	123.4	0.004	<1	1.64	0.007	0.14	<0.1	2.3	0.11	0.04	50	<0.1	0.03	8.0	2.36	<0.1
617144	Soil	8.1	39.1	0.39	111.6	0.005	<1	2.02	0.008	0.13	<0.1	4.1	0.14	<0.02	31	0.2	0.05	8.6	4.36	<0.1
617145	Soil	7.2	45.0	0.38	117.1	0.002	<1	2.15	0.005	0.11	<0.1	4.4	0.13	0.04	62	0.1	0.05	7.7	2.50	<0.1
617146	Soil	8.5	41.1	0.58	107.0	0.002	<1	2.13	0.005	0.10	<0.1	4.1	0.10	<0.02	9	<0.1	<0.02	8.0	2.21	<0.1
617147	Soil	5.7	26.8	0.29	115.2	0.006	2	1.35	0.002	0.14	<0.1	1.3	0.07	0.03	33	0.4	<0.02	5.9	0.98	<0.1
617148	Soil	6.1	39.1	0.38	100.7	0.006	3	2.41	<0.001	0.16	<0.1	2.9	0.12	0.03	35	0.6	<0.02	7.6	2.20	<0.1
617149	Soil	3.6	29.2	0.29	183.3	0.003	1	1.87	0.002	0.18	<0.1	2.4	0.12	0.02	29	0.3	<0.02	8.0	1.34	<0.1
617150	Soil	4.2	7.5	4.95	41.1	0.003	5	0.38	0.008	0.05	<0.1	0.9	0.07	0.04	107	0.4	<0.02	1.0	0.34	<0.1
617551	Soil	7.0	11.7	2.98	103.6	0.007	6	0.75	0.007	0.07	<0.1	0.9	0.10	0.07	68	0.6	<0.02	1.9	0.83	<0.1
617552	Soil	5.3	8.3	5.02	114.5	0.004	8	0.41	0.009	0.05	<0.1	0.5	0.06	0.09	67	0.5	0.02	1.1	0.44	<0.1



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
617123	Soil	0.89	16.6	4.1	<0.05	2.9	3.09	13.2	0.03	<1	1.0	35.8	<10
617124	Soil	0.02	7.5	1.5	<0.05	6.2	7.33	17.3	0.09	<1	0.9	8.7	<10
617125	Soil	0.03	8.2	0.9	<0.05	6.3	3.11	11.0	0.09	<1	0.5	4.5	<10
617126	Soil	0.05	12.6	1.5	<0.05	8.6	18.65	29.3	0.09	<1	1.8	30.6	<10
617127	Soil	0.06	9.6	0.8	<0.05	3.1	15.36	27.4	0.05	<1	1.4	23.8	<10
617128	Soil	0.10	6.6	0.6	<0.05	2.7	11.34	20.6	0.04	<1	0.9	13.9	<10
617129	Soil	0.24	6.6	0.8	<0.05	1.8	12.95	12.3	0.02	<1	0.8	6.2	<10
617130	Soil	0.08	3.9	0.4	<0.05	0.7	12.08	15.2	<0.02	<1	0.4	3.4	<10
617131	Soil	0.26	7.2	0.6	<0.05	0.8	14.03	23.0	<0.02	<1	0.7	10.6	<10
617132	Soil	0.20	5.3	0.4	<0.05	0.7	9.07	17.8	<0.02	<1	0.5	6.2	<10
617133	Soil	0.08	2.3	2.2	<0.05	1.9	9.54	15.0	<0.02	<1	0.4	2.4	<10
617134	Soil	0.11	11.1	0.9	<0.05	<0.1	4.44	16.7	<0.02	<1	0.5	3.0	<10
617135	Soil	0.16	13.7	0.9	<0.05	0.9	3.51	25.5	0.03	<1	1.1	4.4	<10
617136	Soil	0.23	10.5	2.1	<0.05	0.3	8.32	28.5	0.04	<1	0.7	5.2	<10
617137	Soil	0.30	15.8	1.8	<0.05	1.2	11.88	34.2	0.05	<1	2.1	30.3	<10
617138	Soil	0.66	10.9	1.5	<0.05	0.2	4.09	32.2	0.04	<1	1.0	21.4	<10
617139	Soil	0.24	11.7	1.2	<0.05	2.7	5.84	15.3	0.04	<1	1.2	45.9	<10
617140	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.
617141	Soil	0.49	27.6	1.6	<0.05	0.5	4.04	10.3	0.03	<1	0.6	12.1	<10
617142	Soil	0.16	11.2	8.2	<0.05	1.5	8.51	32.8	0.05	<1	2.5	34.4	<10
617143	Soil	0.60	20.6	2.0	<0.05	1.3	3.55	16.4	0.04	<1	1.1	21.2	<10
617144	Soil	0.40	20.9	1.4	<0.05	1.8	5.11	21.3	0.03	<1	1.4	31.3	<10
617145	Soil	0.38	15.6	1.9	<0.05	3.0	6.73	22.6	0.05	<1	1.6	32.0	<10
617146	Soil	0.24	11.8	2.3	<0.05	2.3	6.65	23.5	0.04	<1	1.3	38.4	<10
617147	Soil	0.51	13.5	1.3	<0.05	0.2	2.64	11.5	0.02	<1	0.8	18.8	<10
617148	Soil	0.51	18.9	2.3	<0.05	1.9	3.73	14.6	0.04	<1	1.4	39.2	<10
617149	Soil	0.59	21.8	1.5	<0.05	1.5	2.22	7.9	0.02	<1	0.8	36.1	<10
617150	Soil	0.16	3.0	4.7	<0.05	0.8	5.14	8.5	<0.02	<1	0.4	3.4	<10
617551	Soil	0.24	5.9	1.3	<0.05	0.7	8.08	14.8	<0.02	<1	0.7	7.1	<10
617552	Soil	0.14	4.4	5.9	<0.05	0.4	6.43	10.5	<0.02	<1	0.4	2.4	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
617553	Soil	0.57	14.64	21.28	142.3	71	12.0	4.3	602	2.42	6.7	0.9	0.7	0.5	20.3	0.20	0.70	0.17	13	6.55
617554	Soil	0.75	32.90	36.36	89.7	59	25.3	34.0	1436	4.20	5.2	0.6	11.8	3.3	5.6	0.11	0.33	0.39	33	0.06
617555	Soil	0.89	23.50	19.52	56.0	42	20.1	9.7	413	3.52	7.0	0.6	0.4	3.5	4.2	0.05	0.56	0.29	37	0.04
617556	Soil	0.81	39.60	37.51	83.6	98	33.2	27.4	2825	4.09	5.2	0.8	0.6	4.6	7.2	0.03	0.40	0.39	39	0.07
617557	Soil	0.51	27.18	19.83	99.9	122	37.4	21.9	699	4.46	2.9	0.7	0.2	4.7	5.5	0.04	0.26	0.35	41	0.05
617558	Soil	0.68	38.38	27.94	87.4	117	29.8	14.2	367	2.88	5.8	2.5	2.1	2.1	125.6	0.08	0.39	0.33	21	1.22
617559	Soil	0.51	36.36	24.84	64.5	166	20.9	9.1	335	3.71	5.1	0.6	0.6	2.6	23.8	0.04	0.17	0.36	27	0.05
617560	Soil	0.72	27.82	46.21	117.8	45	34.5	23.0	1172	4.04	6.0	0.5	0.8	4.5	5.4	0.05	0.33	0.38	26	0.02
617561	Soil	0.69	19.70	26.95	108.2	124	20.1	12.4	525	3.52	4.7	0.4	<0.2	3.7	5.7	0.09	0.27	0.41	39	0.03
617562	Soil	0.74	24.10	27.11	81.7	128	16.5	13.5	715	3.21	4.0	0.4	0.3	2.5	6.8	0.11	0.23	0.33	36	0.03
617563	Soil	0.72	27.57	26.18	111.2	277	20.8	15.2	975	4.56	5.4	0.4	0.3	3.2	5.4	0.10	0.29	0.40	34	0.03
617564	Soil	0.57	18.78	35.23	83.0	118	20.3	19.5	1463	3.05	4.9	0.5	0.6	2.9	10.5	0.07	0.22	0.31	26	0.07
617565	Soil	0.55	24.48	47.57	89.7	130	26.4	30.7	1528	3.60	6.4	0.7	1.6	4.2	13.4	0.01	0.22	0.41	27	0.08
617566	Soil	0.38	29.24	30.28	120.6	190	40.4	17.6	648	3.44	5.5	0.6	0.5	5.4	29.9	0.09	0.21	0.33	8	0.20
617567	Soil	0.64	35.55	45.84	137.5	168	39.5	22.3	769	5.00	7.1	0.7	0.7	3.4	7.8	0.11	0.34	0.40	13	0.04
617568	Soil	0.85	30.86	38.85	153.4	88	42.1	21.2	698	4.15	8.2	1.3	0.5	2.6	16.5	0.07	0.34	0.40	15	0.09
617569	Soil	1.20	41.03	44.12	246.6	205	91.3	32.1	1254	5.56	10.3	0.7	1.2	8.1	168.1	0.25	0.38	0.46	12	2.26
617570	Soil	0.61	34.05	37.47	142.2	208	45.0	18.6	637	4.13	8.1	1.1	0.7	4.4	47.1	0.15	0.31	0.42	13	0.46
617571	Soil	0.95	17.58	33.08	104.2	156	22.5	9.3	1357	5.03	16.9	1.2	1.8	2.0	10.4	0.16	1.00	0.31	32	0.57
617572	Soil	0.33	8.37	12.54	130.5	74	14.2	6.5	1648	2.42	11.9	1.3	1.1	0.5	26.8	0.16	2.18	0.09	6	15.05
617573	Soil	0.85	17.48	26.30	128.1	165	22.1	9.9	1891	3.58	13.8	1.2	3.1	0.9	19.2	0.35	1.25	0.21	27	4.50
617574	Soil	0.50	11.10	19.25	50.2	85	13.6	6.5	4562	4.88	20.3	2.0	0.9	0.5	22.1	0.33	1.68	0.15	9	9.98
617575	Soil	0.46	9.17	20.46	48.3	75	9.8	4.1	2443	2.42	9.9	1.9	0.7	0.3	28.6	0.19	1.39	0.08	7	14.42
617576	Soil	0.60	9.30	27.56	124.6	89	9.8	4.5	3050	3.53	15.3	2.4	2.3	0.3	43.9	0.31	2.29	0.08	6	16.62
617577	Soil	0.81	14.18	16.92	46.3	114	15.0	7.2	1062	3.09	6.9	0.8	0.3	0.8	12.3	0.14	0.75	0.24	23	1.45
617578	Soil	0.57	22.29	19.81	48.1	73	26.9	14.4	796	3.40	6.1	0.7	0.7	3.3	9.0	0.07	0.45	0.30	23	0.17
617579	Soil	0.44	23.19	27.16	102.1	115	23.4	10.2	593	2.83	10.2	0.9	1.3	2.2	18.7	0.13	0.78	0.27	13	5.20
617580	Soil	0.84	32.42	26.85	88.8	103	37.5	22.9	939	3.86	8.8	0.7	3.0	4.6	13.6	0.12	0.85	0.30	36	0.14
617581	Soil	0.71	45.43	35.05	91.5	100	31.7	29.9	4516	4.60	4.6	0.9	0.5	5.0	7.2	0.10	0.35	0.38	35	0.16
617582	Soil	0.93	37.66	34.88	84.8	101	36.1	27.6	1894	4.37	6.1	0.8	0.7	3.9	6.4	0.04	0.45	0.37	43	0.06



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
617553	Soil	6.5	10.4	3.04	50.5	0.008	5	0.80	0.009	0.05	<0.1	1.2	0.08	0.10	65	0.5	<0.02	2.0	0.67	<0.1
617554	Soil	5.4	35.7	0.45	117.7	0.006	1	2.02	0.004	0.14	<0.1	4.3	0.13	<0.02	31	0.3	<0.02	8.3	3.21	<0.1
617555	Soil	6.7	27.1	0.32	72.3	0.007	2	1.68	0.001	0.08	<0.1	2.6	0.12	<0.02	40	0.4	<0.02	6.3	1.97	<0.1
617556	Soil	3.3	37.0	0.58	153.8	0.011	3	2.11	0.005	0.19	0.1	4.3	0.17	0.02	28	0.4	0.05	6.3	3.86	<0.1
617557	Soil	3.4	42.9	0.62	215.2	0.010	2	2.36	0.003	0.28	<0.1	4.0	0.21	<0.02	17	0.3	0.02	9.2	2.98	<0.1
617558	Soil	7.0	31.8	0.51	131.2	0.004	4	1.56	0.007	0.09	<0.1	3.6	0.09	0.14	59	1.3	<0.02	5.4	1.51	<0.1
617559	Soil	4.7	33.0	0.31	141.8	0.002	<1	1.73	0.007	0.09	<0.1	3.1	0.10	0.06	36	0.4	<0.02	7.3	1.38	<0.1
617560	Soil	6.4	38.4	0.53	76.8	0.005	2	2.20	0.002	0.10	<0.1	3.4	0.11	<0.02	41	0.4	<0.02	7.0	2.74	<0.1
617561	Soil	8.2	31.9	0.27	107.5	0.003	1	2.18	0.002	0.15	<0.1	2.7	0.13	<0.02	28	0.4	0.03	8.5	1.64	<0.1
617562	Soil	7.5	27.4	0.17	155.2	0.003	1	1.74	0.002	0.12	<0.1	2.1	0.10	<0.02	29	0.4	<0.02	7.9	0.97	<0.1
617563	Soil	6.6	29.2	0.30	121.3	0.003	1	2.33	<0.001	0.16	<0.1	2.6	0.14	0.02	43	0.4	<0.02	8.0	2.06	<0.1
617564	Soil	7.5	22.3	0.26	156.6	0.002	<1	1.70	0.001	0.16	<0.1	2.7	0.11	<0.02	22	0.2	<0.02	6.1	1.52	<0.1
617565	Soil	7.5	32.2	0.41	103.4	0.004	1	1.95	0.003	0.14	<0.1	4.3	0.13	<0.02	23	0.4	<0.02	7.2	2.75	<0.1
617566	Soil	9.3	12.0	0.25	128.5	0.002	3	0.87	0.002	0.09	<0.1	5.3	0.16	<0.02	34	0.5	<0.02	2.2	2.15	<0.1
617567	Soil	6.7	16.6	0.20	100.1	0.002	3	1.45	0.001	0.10	<0.1	3.7	0.18	0.03	30	0.6	<0.02	3.2	3.33	<0.1
617568	Soil	6.7	15.4	0.19	133.8	0.003	3	1.25	0.004	0.12	<0.1	3.3	0.17	0.05	34	0.6	<0.02	3.2	3.70	<0.1
617569	Soil	8.0	18.2	0.35	138.8	0.003	5	1.04	0.005	0.13	<0.1	7.0	0.30	0.04	76	0.6	<0.02	3.1	2.59	<0.1
617570	Soil	11.7	15.8	0.23	139.4	0.002	4	1.04	0.004	0.13	<0.1	4.9	0.18	0.04	46	0.6	0.03	2.7	2.38	<0.1
617571	Soil	10.4	23.0	0.30	142.7	0.006	2	1.52	0.004	0.08	0.1	3.0	0.13	0.06	95	0.5	<0.02	4.0	1.30	<0.1
617572	Soil	3.8	7.3	7.21	65.0	0.003	3	0.49	0.009	0.03	<0.1	1.0	0.13	<0.02	61	0.5	<0.02	1.1	0.52	<0.1
617573	Soil	10.7	19.1	2.27	117.6	0.008	4	1.32	0.008	0.07	<0.1	1.8	0.12	0.08	149	0.6	<0.02	3.0	0.85	<0.1
617574	Soil	8.9	11.4	4.83	144.4	0.006	4	0.93	0.009	0.06	<0.1	1.3	0.14	0.06	112	0.5	0.04	2.0	0.74	<0.1
617575	Soil	5.1	8.2	6.63	91.7	0.005	7	0.46	0.013	0.06	<0.1	0.6	0.09	0.04	71	0.6	0.03	1.1	0.35	<0.1
617576	Soil	7.0	8.2	7.42	91.9	0.005	6	0.47	0.014	0.06	<0.1	0.6	0.10	<0.02	67	0.7	0.04	1.2	0.33	<0.1
617577	Soil	8.4	18.1	0.58	134.8	0.009	4	1.29	0.006	0.13	<0.1	1.8	0.09	0.10	57	0.4	<0.02	3.4	1.04	<0.1
617578	Soil	10.2	22.1	0.33	104.1	0.006	4	1.57	0.002	0.19	<0.1	3.5	0.10	0.02	23	0.3	0.02	3.8	1.48	<0.1
617579	Soil	7.8	13.7	2.67	80.8	0.004	4	0.85	0.005	0.12	<0.1	3.1	0.11	0.02	84	0.4	0.02	2.4	1.55	<0.1
617580	Soil	9.6	31.9	0.54	121.3	0.013	2	1.82	0.005	0.10	<0.1	3.6	0.13	<0.02	72	0.3	<0.02	5.6	2.67	<0.1
617581	Soil	8.1	31.8	0.48	431.3	0.009	3	2.47	0.003	0.14	<0.1	6.7	0.13	0.03	43	0.4	0.02	7.3	3.79	<0.1
617582	Soil	4.1	38.1	0.57	159.2	0.011	2	2.17	0.003	0.18	0.2	3.5	0.17	0.02	26	0.3	0.06	7.1	4.00	<0.1



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
617553	Soil	0.41	5.4	1.1	<0.05	1.5	7.74	10.3	<0.02	<1	0.7	5.3	<10
617554	Soil	0.42	19.8	2.6	<0.05	1.6	4.94	13.8	0.03	<1	1.4	28.1	<10
617555	Soil	0.84	16.9	1.4	<0.05	1.5	2.74	15.7	0.03	<1	0.8	20.3	<10
617556	Soil	0.52	24.1	1.1	<0.05	1.3	5.68	12.4	0.05	<1	2.4	24.6	<10
617557	Soil	0.79	32.7	1.4	<0.05	1.8	3.63	7.7	0.03	<1	1.3	30.7	<10
617558	Soil	0.48	12.8	3.7	<0.05	2.2	11.40	14.5	0.02	<1	1.2	29.7	<10
617559	Soil	0.41	15.2	1.1	<0.05	1.3	4.45	12.3	0.04	<1	1.1	18.5	<10
617560	Soil	0.36	15.0	6.0	<0.05	2.1	4.56	16.6	0.03	<1	1.5	33.7	<10
617561	Soil	0.55	25.1	1.8	<0.05	2.4	3.09	16.1	0.03	<1	0.8	30.7	<10
617562	Soil	0.63	19.1	3.3	<0.05	1.5	2.47	14.8	0.02	<1	0.6	13.5	<10
617563	Soil	0.66	21.9	1.4	<0.05	2.4	2.88	13.6	0.04	<1	1.5	35.2	<10
617564	Soil	0.30	20.6	1.3	<0.05	1.4	5.90	19.0	0.02	<1	1.2	22.2	<10
617565	Soil	0.26	18.3	1.9	<0.05	1.3	7.84	24.0	0.03	<1	1.7	31.5	<10
617566	Soil	0.06	7.2	0.6	<0.05	3.4	14.48	24.9	0.04	<1	0.8	23.4	<10
617567	Soil	0.13	10.8	0.7	<0.05	2.7	9.13	20.1	0.05	<1	1.5	32.3	<10
617568	Soil	0.20	12.8	1.1	<0.05	1.3	8.31	20.1	0.06	<1	1.2	26.9	<10
617569	Soil	0.08	10.5	1.7	<0.05	6.2	17.67	25.5	0.04	<1	1.3	42.1	<10
617570	Soil	0.13	11.7	0.7	<0.05	2.3	15.59	30.2	0.05	<1	1.4	24.8	<10
617571	Soil	0.33	11.8	1.1	<0.05	1.7	10.74	23.1	0.04	<1	0.9	14.1	<10
617572	Soil	0.09	4.1	0.9	<0.05	0.8	7.36	7.9	<0.02	<1	0.5	4.7	<10
617573	Soil	0.28	7.9	0.6	<0.05	1.3	12.06	20.3	0.02	<1	0.6	10.6	<10
617574	Soil	0.13	6.8	0.7	<0.05	0.8	10.76	13.9	<0.02	<1	0.7	3.7	<10
617575	Soil	0.10	4.1	0.7	<0.05	0.5	9.02	10.5	<0.02	<1	0.3	2.4	<10
617576	Soil	0.09	3.4	0.7	<0.05	0.7	10.85	13.9	<0.02	<1	0.4	2.5	<10
617577	Soil	0.38	14.6	0.9	<0.05	0.8	7.29	14.4	0.02	<1	0.8	7.8	<10
617578	Soil	0.33	14.7	1.5	<0.05	0.9	7.03	38.5	0.03	<1	1.0	20.2	<10
617579	Soil	0.15	9.2	0.7	<0.05	1.6	9.94	17.5	0.02	<1	0.9	11.1	<10
617580	Soil	0.49	14.9	1.1	<0.05	1.1	5.35	24.3	0.03	<1	1.1	29.2	<10
617581	Soil	0.55	18.6	1.7	<0.05	1.4	13.07	27.2	0.06	<1	2.8	29.7	<10
617582	Soil	0.62	26.6	2.3	<0.05	0.9	3.77	10.2	0.04	<1	1.1	35.3	<10



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
617583	Soil	0.59	33.30	32.39	90.6	58	31.3	21.1	994	3.68	6.8	1.5	3.1	2.5	55.3	0.10	0.37	0.42	26	0.41
617584	Soil	0.47	21.95	24.64	92.1	121	24.3	10.4	454	3.17	8.4	0.6	2.4	2.7	25.7	0.12	0.57	0.34	19	0.81
617585	Soil	0.32	21.38	24.06	74.9	46	25.3	13.1	351	3.68	6.8	0.4	1.6	3.3	2.9	0.07	0.39	0.32	23	0.02
617586	Soil	0.75	14.05	21.10	63.8	30	16.3	7.0	310	3.44	9.0	0.4	0.9	2.1	4.8	0.10	0.51	0.32	27	0.04
617587	Soil	0.43	25.53	46.62	95.6	60	26.9	25.6	2031	3.74	3.8	0.6	1.1	3.6	7.3	0.05	0.23	0.44	32	0.08
617588	Soil	0.44	16.40	28.25	102.1	114	20.8	16.1	918	3.47	3.5	0.3	0.8	2.1	4.5	0.23	0.24	0.38	32	0.04
617589	Soil	0.44	29.27	85.33	88.1	117	24.2	25.6	1444	3.24	10.5	0.7	1.4	3.3	15.7	0.08	0.24	0.45	22	0.21
617906	Soil	0.01	1.99	4.55	154.9	23	3.0	1.2	1510	1.04	4.0	0.9	0.7	0.1	42.0	0.89	0.66	0.03	3	16.52
617907	Soil	0.11	11.53	22.43	34.9	49	10.9	6.1	1369	1.65	13.1	1.1	6.3	1.3	42.7	0.07	1.86	0.14	5	16.84
617908	Soil	0.25	10.11	15.78	46.1	68	12.2	5.5	1306	1.58	11.6	1.1	7.6	1.0	47.9	0.13	1.67	0.11	10	15.46
617909	Soil	0.36	9.28	10.38	40.6	82	10.9	4.8	1496	1.50	7.4	0.7	3.1	0.7	43.3	0.23	0.90	0.10	13	14.72
617910	Soil	0.78	19.22	18.86	115.8	87	24.2	11.2	1565	3.15	13.1	1.0	1.7	1.4	10.9	0.34	1.01	0.26	25	1.21
617911	Soil	0.47	13.32	10.96	34.0	76	14.4	7.8	744	1.78	8.1	0.5	2.1	1.2	27.2	0.13	0.57	0.15	15	7.25
617912	Soil	0.69	49.01	31.90	74.9	29	31.2	20.0	2425	3.79	3.6	0.8	1.8	2.8	8.6	0.07	0.47	0.40	34	0.17
617913	Soil	0.37	10.43	27.18	101.2	12	40.9	24.4	837	5.42	0.7	1.1	2.8	5.9	5.6	0.06	0.42	0.47	47	0.08
617914	Soil	0.93	21.53	26.31	79.4	43	27.7	18.8	1961	4.92	2.0	0.5	0.7	2.0	7.4	0.14	0.38	0.49	28	0.30
617915	Soil	0.92	32.97	24.83	113.8	46	25.4	13.9	840	3.18	7.8	0.6	5.0	1.3	6.2	0.21	0.58	0.27	32	0.08
617916	Soil	0.35	28.98	27.93	71.8	58	33.2	17.2	626	3.57	2.5	0.7	1.3	2.7	11.3	0.05	0.10	0.37	27	0.13
617917	Soil	0.39	32.64	53.27	82.6	83	28.8	35.9	2079	4.80	4.7	0.8	1.3	2.7	6.6	0.05	0.14	0.46	33	0.16
617918	Soil	0.42	38.07	49.73	98.6	103	29.4	24.5	876	4.55	4.8	0.6	1.4	2.7	6.0	0.07	0.13	0.44	28	0.06
617919	Soil	0.76	39.38	121.9	103.2	185	42.0	44.4	3841	4.11	5.7	1.2	1.7	3.7	14.4	0.03	0.27	0.53	26	0.10
617920	Soil	0.72	46.37	19.77	103.4	45	30.0	15.7	331	3.89	7.1	0.5	1.1	2.8	3.6	0.09	0.37	0.40	32	0.02
617921	Soil	0.49	22.14	34.61	103.4	33	24.9	19.5	545	3.30	4.7	0.8	1.1	3.5	10.4	0.15	0.23	0.42	28	0.07
617922	Soil	0.58	21.99	36.95	109.1	61	25.0	19.3	585	3.80	4.6	0.5	1.2	3.6	7.8	0.08	0.27	0.40	35	0.05
617923	Soil	0.44	28.47	39.24	68.5	123	27.5	14.4	473	2.37	25.7	1.7	12.1	4.8	24.7	0.10	4.21	0.30	7	11.44
617924	Soil	0.62	13.34	16.26	60.5	123	14.4	6.9	2286	2.52	10.5	1.3	4.0	0.5	33.8	0.30	0.94	0.15	20	8.20
617925	Soil	0.45	11.74	14.35	36.2	94	12.5	5.4	803	1.57	9.0	0.9	2.8	0.8	43.2	0.17	1.04	0.11	14	12.98
617926	Soil	0.21	11.33	16.90	83.9	56	12.4	8.8	785	1.50	11.0	0.7	2.7	1.0	33.7	0.14	1.26	0.13	6	13.24
617927	Soil	0.41	23.55	18.06	41.0	90	20.2	17.3	497	1.93	8.7	0.5	2.3	2.1	12.5	0.12	0.58	0.28	14	2.47
617928	Soil	0.74	15.65	14.89	115.7	132	18.6	9.6	1452	3.15	8.9	0.7	1.7	0.8	18.4	0.56	0.67	0.22	27	4.12



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.02
617583	Soil	5.0	32.0	0.57	117.5	0.002	1	1.74	0.005	0.06	<0.1	3.5	0.09	0.04	53	0.1	0.02	6.1	1.00	<0.1
617584	Soil	6.7	20.7	0.57	95.5	0.003	1	1.18	0.004	0.06	<0.1	3.3	0.07	<0.02	114	<0.1	0.04	3.6	1.13	<0.1
617585	Soil	4.4	25.4	0.42	64.4	0.001	<1	1.68	<0.001	0.05	<0.1	2.5	0.06	<0.02	99	<0.1	0.03	5.2	0.83	<0.1
617586	Soil	4.4	16.2	0.20	79.7	0.002	1	1.00	0.001	0.04	0.1	1.6	0.07	<0.02	38	<0.1	0.02	3.8	0.63	<0.1
617587	Soil	4.3	34.3	0.45	181.9	0.003	<1	2.04	<0.001	0.13	<0.1	3.4	0.14	<0.02	27	0.1	0.03	7.2	1.49	<0.1
617588	Soil	3.4	27.5	0.31	126.1	0.002	<1	1.77	<0.001	0.15	<0.1	1.8	0.10	0.02	26	0.2	0.04	6.9	0.81	<0.1
617589	Soil	4.5	26.0	0.39	92.4	0.001	<1	1.67	<0.001	0.13	<0.1	3.3	0.11	<0.02	31	<0.1	0.02	6.1	1.39	<0.1
617906	Soil	1.4	1.2	7.84	39.1	<0.001	1	0.07	0.008	<0.01	<0.1	0.5	0.05	<0.02	75	0.2	<0.02	0.2	0.03	<0.1
617907	Soil	3.1	4.2	7.65	29.2	0.001	3	0.16	0.009	0.03	<0.1	1.2	0.07	<0.02	56	0.3	0.05	0.4	0.09	<0.1
617908	Soil	4.4	6.0	7.50	47.7	0.003	2	0.27	0.010	0.02	<0.1	1.1	0.07	<0.02	121	0.3	0.03	0.7	0.10	<0.1
617909	Soil	5.3	8.5	7.17	51.2	0.004	2	0.44	0.011	0.02	<0.1	1.1	0.05	<0.02	75	0.2	<0.02	1.0	0.18	<0.1
617910	Soil	12.1	18.4	0.81	103.5	0.004	1	1.11	0.005	0.06	0.1	2.2	0.08	0.06	76	0.2	0.04	2.5	0.65	<0.1
617911	Soil	5.8	9.3	4.05	50.5	0.004	1	0.48	0.008	0.05	<0.1	2.0	0.05	<0.02	43	0.2	<0.02	1.4	0.57	<0.1
617912	Soil	4.4	29.7	0.60	305.2	0.006	1	1.75	0.003	0.08	0.1	5.8	0.12	0.04	58	<0.1	0.04	4.8	3.57	<0.1
617913	Soil	2.2	55.7	0.84	234.7	0.006	<1	2.37	0.002	0.11	0.1	4.0	0.11	<0.02	17	<0.1	<0.02	8.1	2.48	<0.1
617914	Soil	2.0	33.1	0.43	133.4	0.003	<1	2.20	0.002	0.08	<0.1	2.4	0.10	0.05	38	0.1	0.07	5.6	3.02	<0.1
617915	Soil	5.5	29.0	0.46	138.8	0.008	<1	1.56	0.004	0.06	0.2	2.2	0.08	0.03	28	0.1	0.06	4.8	2.03	<0.1
617916	Soil	4.9	38.0	0.63	123.9	0.003	<1	1.87	0.002	0.07	<0.1	4.4	0.08	<0.02	19	<0.1	<0.02	7.2	1.43	<0.1
617917	Soil	4.4	47.5	0.58	94.5	0.002	<1	2.18	0.002	0.08	<0.1	3.4	0.07	0.05	26	0.2	0.03	7.8	1.74	<0.1
617918	Soil	4.5	38.1	0.44	89.2	0.002	<1	1.88	0.002	0.07	<0.1	4.4	0.08	0.02	29	<0.1	0.03	7.3	2.56	<0.1
617919	Soil	6.0	32.1	0.60	252.8	0.004	<1	1.91	<0.001	0.11	<0.1	4.8	0.23	<0.02	33	<0.1	0.02	6.8	5.34	<0.1
617920	Soil	4.3	33.6	0.58	88.3	0.004	<1	2.27	<0.001	0.08	<0.1	2.5	0.11	<0.02	32	0.1	<0.02	6.6	2.13	<0.1
617921	Soil	4.2	30.9	0.42	136.3	0.005	<1	1.70	<0.001	0.14	<0.1	3.2	0.15	<0.02	23	0.2	0.03	6.7	2.49	<0.1
617922	Soil	4.5	36.1	0.43	106.0	0.003	<1	1.91	<0.001	0.13	<0.1	3.1	0.10	<0.02	25	0.2	<0.02	7.3	1.67	<0.1
617923	Soil	5.6	5.8	5.49	10.8	<0.001	2	0.18	0.007	0.04	<0.1	3.3	0.07	<0.02	575	0.6	0.06	0.4	0.17	<0.1
617924	Soil	9.5	12.5	4.02	102.8	0.004	1	0.84	0.009	0.02	0.1	0.8	0.06	0.05	96	0.3	0.03	1.7	0.29	<0.1
617925	Soil	5.8	8.7	6.33	48.3	0.004	1	0.44	0.009	0.02	<0.1	1.1	0.05	<0.02	112	0.2	0.02	1.1	0.16	<0.1
617926	Soil	4.6	3.6	6.08	28.7	0.001	1	0.17	0.009	0.02	<0.1	1.4	0.05	<0.02	171	0.2	0.02	0.4	0.07	<0.1
617927	Soil	5.1	11.1	1.58	52.6	0.003	2	0.65	0.004	0.08	<0.1	2.2	0.07	<0.02	56	0.2	0.04	2.0	1.02	<0.1
617928	Soil	10.7	17.8	2.31	96.5	0.006	2	1.04	0.007	0.04	<0.1	1.5	0.07	0.06	66	0.2	0.03	2.7	0.41	<0.1



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	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
617583	Soil	0.38	7.2	1.9	<0.05	2.0	10.13	15.6	0.05	<1	1.3	33.9	<10
617584	Soil	0.28	5.7	1.4	<0.05	2.0	8.75	15.9	0.03	<1	0.8	23.5	<10
617585	Soil	0.21	6.5	1.1	<0.05	2.0	2.98	11.0	0.03	<1	1.0	34.3	<10
617586	Soil	0.49	6.8	0.9	<0.05	1.2	1.88	10.3	0.03	<1	0.3	12.4	<10
617587	Soil	0.40	15.2	1.3	<0.05	1.9	4.78	15.0	0.03	<1	1.7	29.6	<10
617588	Soil	0.52	15.2	1.2	<0.05	1.3	2.14	8.7	0.03	1	1.0	26.0	<10
617589	Soil	0.23	10.9	4.2	<0.05	2.3	11.79	15.2	0.03	<1	1.7	27.1	<10
617906	Soil	<0.02	0.3	0.5	<0.05	0.4	4.31	3.3	<0.02	<1	0.1	0.6	<10
617907	Soil	0.03	0.9	0.9	<0.05	1.6	7.19	6.9	<0.02	<1	0.4	1.4	<10
617908	Soil	0.09	1.3	0.7	<0.05	1.1	7.77	9.7	<0.02	<1	0.4	3.1	<10
617909	Soil	0.12	1.8	0.6	<0.05	1.0	6.43	10.8	<0.02	<1	0.3	4.1	<10
617910	Soil	0.30	5.6	1.6	<0.05	1.9	12.90	21.7	0.03	<1	1.0	7.5	<10
617911	Soil	0.16	3.2	0.5	<0.05	1.0	7.28	12.2	<0.02	<1	0.4	5.3	<10
617912	Soil	0.39	10.8	3.6	<0.05	0.8	14.37	17.9	0.05	<1	3.0	26.8	<10
617913	Soil	0.29	12.4	2.5	<0.05	2.0	3.79	11.3	0.05	<1	2.1	39.7	<10
617914	Soil	0.53	11.3	2.5	<0.05	1.0	6.59	11.7	0.04	<1	2.6	31.2	<10
617915	Soil	0.40	9.1	1.3	<0.05	0.6	4.58	17.5	0.04	<1	1.1	26.4	<10
617916	Soil	0.21	7.1	1.9	<0.05	1.4	8.13	18.1	0.04	<1	1.3	33.7	<10
617917	Soil	0.37	8.2	3.0	<0.05	2.4	6.52	18.4	0.04	<1	1.8	32.9	<10
617918	Soil	0.25	8.5	6.4	<0.05	1.7	6.71	17.0	0.06	<1	1.6	30.3	<10
617919	Soil	0.14	18.8	3.1	<0.05	2.5	13.84	29.9	0.05	<1	2.2	40.0	<10
617920	Soil	0.45	12.9	2.6	<0.05	2.6	3.85	11.0	0.04	<1	1.1	36.3	<10
617921	Soil	0.32	16.9	1.7	<0.05	1.5	4.50	13.7	0.03	<1	1.1	31.0	<10
617922	Soil	0.42	14.6	1.8	<0.05	2.1	4.03	14.9	0.03	<1	1.3	33.6	<10
617923	Soil	<0.02	1.1	2.9	<0.05	3.6	11.85	12.5	<0.02	<1	0.4	0.8	<10
617924	Soil	0.19	3.1	0.7	<0.05	1.0	11.43	18.2	<0.02	<1	0.6	5.8	<10
617925	Soil	0.11	1.6	0.5	<0.05	1.0	7.20	12.0	<0.02	<1	0.4	4.7	<10
617926	Soil	0.04	0.9	1.6	<0.05	1.7	6.66	10.4	<0.02	<1	0.3	1.3	<10
617927	Soil	0.13	5.5	1.6	<0.05	2.1	6.65	11.0	<0.02	<1	0.9	5.9	<10
617928	Soil	0.33	4.4	1.2	<0.05	1.4	11.92	20.5	0.03	<1	0.8	8.2	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
617929	Soil	1.21	35.19	22.07	60.1	67	16.3	10.7	1190	2.82	5.9	0.7	1.6	0.4	7.8	0.13	0.58	0.30	40	0.21
617930	Soil	0.83	48.45	37.95	78.3	53	28.4	21.3	2617	3.98	5.5	0.7	1.3	1.6	6.0	0.17	0.45	0.36	34	0.12
617931	Soil	0.90	22.66	24.63	61.8	33	22.5	14.5	1211	3.16	4.6	0.6	1.3	2.6	7.9	0.11	0.54	0.28	40	0.09
617932	Soil	0.36	15.82	27.68	66.5	35	25.4	19.1	2180	3.83	1.7	0.8	0.6	2.6	4.8	0.08	0.36	0.34	32	0.07
617933	Soil	0.76	31.72	70.69	99.2	50	34.3	39.5	1972	4.26	4.9	0.8	<0.2	3.4	11.0	0.10	0.24	0.45	34	0.09
617934	Soil	0.89	33.51	59.10	127.7	76	29.9	28.0	1959	4.31	7.6	0.7	<0.2	3.0	12.9	0.25	0.30	0.48	34	0.08
617935	Soil	0.76	29.89	30.75	106.4	91	26.7	20.5	1210	4.70	6.2	0.7	1.8	2.8	6.4	0.17	0.31	0.51	38	0.06
617936	Soil	0.73	35.06	69.68	104.9	49	36.3	37.3	1438	4.23	6.6	1.0	1.1	4.5	7.4	0.07	0.36	0.58	30	0.06
617937	Soil	0.84	21.86	42.05	191.2	239	25.0	22.2	1129	4.70	6.5	0.6	1.4	3.4	12.3	0.21	0.35	0.52	39	0.12
617938	Soil	0.78	20.20	28.94	116.0	145	23.9	15.5	553	4.13	7.0	0.5	0.8	3.6	7.0	0.16	0.36	0.43	34	0.05
617939	Soil	0.58	23.46	34.31	104.2	147	27.5	16.9	635	4.78	5.7	0.5	1.7	3.1	12.5	0.10	0.27	0.52	30	0.13
617940	Soil	0.38	28.59	67.40	95.8	257	20.0	8.2	2718	5.01	47.4	3.2	27.8	1.8	28.3	0.24	5.49	0.20	11	11.81
617941	Soil	0.12	5.03	12.16	12.9	47	5.1	2.6	1211	1.15	6.6	1.1	4.1	0.4	37.4	0.10	0.89	0.06	4	17.44
617942	Soil	0.12	4.07	15.71	7.6	44	4.2	1.1	2093	2.03	10.3	1.4	3.9	0.2	40.3	0.07	0.98	0.03	2	18.32
617943	Soil	0.43	13.79	34.39	94.0	131	18.3	6.0	1281	3.12	18.4	1.3	3.2	1.3	20.4	0.23	2.11	0.26	15	4.39
617944	Soil	0.61	25.00	26.35	113.0	189	31.0	10.8	434	2.78	19.1	1.9	0.8	1.5	80.5	0.20	1.75	0.40	16	1.49
617945	Soil	0.71	38.98	46.57	181.2	298	57.5	22.4	522	4.68	13.5	1.3	1.3	7.1	159.0	0.19	0.44	0.49	15	2.59
617946	Soil	0.71	33.23	40.80	169.0	236	53.8	20.3	783	5.09	8.8	0.8	0.6	7.0	79.6	0.22	0.26	0.44	11	0.86
617947	Soil	1.12	66.31	122.5	127.7	447	38.1	17.0	594	12.45	23.3	1.5	1.7	10.0	22.6	0.09	0.63	0.66	20	0.05
617948	Soil	0.82	39.28	54.14	129.0	291	33.2	20.3	894	5.47	9.2	0.9	1.4	2.4	16.0	0.16	0.43	0.43	19	0.06
617949	Soil	0.96	69.29	76.04	148.9	253	34.1	20.7	714	10.25	13.4	1.2	0.9	8.1	11.2	0.12	0.50	0.46	24	0.04
617950	Soil	0.08	5.16	12.11	30.7	43	5.2	3.1	2095	1.61	6.5	0.9	0.4	0.4	37.4	0.14	0.64	0.16	3	12.58
1097662	Soil	0.64	30.71	28.79	73.5	140	18.5	20.0	1732	4.88	4.8	0.8	1.1	2.3	5.6	0.18	0.39	0.37	32	0.06
1097663	Soil	0.46	25.82	29.45	85.0	84	22.8	19.7	984	6.01	2.4	0.6	0.2	3.9	4.1	0.08	0.18	0.42	35	0.09
1097664	Soil	0.38	26.46	30.33	37.5	112	18.4	11.7	455	2.14	5.9	1.2	1.3	2.6	22.0	0.06	0.50	0.37	12	1.08
1097665	Soil	0.62	23.66	26.53	115.7	163	23.5	9.4	610	3.26	16.1	1.4	3.0	2.3	54.3	0.21	1.88	0.29	18	2.88
1097666	Soil	0.66	15.60	29.39	127.9	134	16.5	7.3	1249	4.16	13.2	2.8	1.7	1.6	17.2	0.20	1.56	0.25	24	4.94
1097667	Soil	0.60	19.87	34.63	92.8	153	24.4	8.9	797	3.36	12.3	1.6	1.3	2.7	29.1	0.15	1.31	0.30	13	1.18
1097668	Soil	0.79	23.49	43.54	158.4	104	32.3	14.3	433	5.22	7.2	1.0	0.6	5.2	29.8	0.19	0.24	0.39	16	0.27
1097669	Soil	0.66	33.86	35.38	144.0	326	44.8	15.9	541	4.35	6.8	0.8	0.7	5.3	78.5	0.16	0.28	0.37	12	0.73



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
617929	Soil	5.0	23.6	0.26	133.1	0.006	<1	1.44	0.003	0.05	0.1	0.9	0.11	0.06	38	0.3	0.05	5.2	1.87	<0.1
617930	Soil	3.9	31.2	0.43	197.8	0.005	<1	1.84	0.001	0.08	<0.1	2.6	0.12	0.04	28	<0.1	0.04	5.9	2.54	<0.1
617931	Soil	5.0	26.7	0.36	197.8	0.008	<1	1.34	0.003	0.09	0.2	2.7	0.10	<0.02	52	0.1	0.05	4.7	2.99	<0.1
617932	Soil	2.6	31.5	0.38	152.3	0.005	<1	1.46	0.003	0.09	0.1	2.8	0.09	<0.02	18	<0.1	0.04	4.5	2.74	<0.1
617933	Soil	7.0	41.9	0.50	109.6	0.008	<1	1.91	0.007	0.12	<0.1	4.1	0.13	<0.02	37	0.4	0.04	8.4	4.83	<0.1
617934	Soil	6.5	42.9	0.40	125.1	0.007	<1	1.87	0.008	0.13	<0.1	3.5	0.12	0.04	46	0.6	0.05	8.1	4.67	<0.1
617935	Soil	5.2	41.7	0.42	143.2	0.005	1	1.91	0.003	0.10	<0.1	3.1	0.09	0.03	32	0.2	0.03	8.2	1.40	<0.1
617936	Soil	6.4	40.3	0.55	176.7	0.005	<1	1.94	0.001	0.12	<0.1	4.0	0.19	<0.02	24	<0.1	0.02	7.4	4.29	<0.1
617937	Soil	5.6	37.2	0.39	173.4	0.004	1	2.12	0.002	0.15	<0.1	2.3	0.12	<0.02	23	0.2	0.04	8.0	1.33	<0.1
617938	Soil	5.9	32.3	0.42	105.5	0.004	1	1.78	0.001	0.11	<0.1	2.5	0.10	<0.02	19	0.1	0.03	7.1	1.29	<0.1
617939	Soil	4.4	38.4	0.47	157.0	0.006	2	1.92	0.002	0.14	<0.1	2.6	0.10	0.03	25	0.2	<0.02	7.6	1.99	<0.1
617940	Soil	7.0	11.3	6.40	68.5	0.002	4	0.43	0.009	0.04	<0.1	1.8	0.14	0.03	485	0.7	0.11	1.0	0.17	<0.1
617941	Soil	2.9	3.7	9.90	40.6	0.003	2	0.19	0.011	0.01	<0.1	0.5	0.04	<0.02	43	0.3	0.04	0.4	0.09	<0.1
617942	Soil	2.3	3.2	10.36	29.6	0.001	2	0.07	0.009	<0.01	<0.1	0.3	0.05	<0.02	103	0.2	0.02	0.2	0.03	<0.1
617943	Soil	5.8	11.5	2.29	43.1	0.002	3	0.41	0.004	0.05	<0.1	2.6	0.08	0.06	253	0.3	0.04	1.2	0.12	<0.1
617944	Soil	11.0	12.5	0.10	60.1	0.001	3	0.58	0.003	0.05	<0.1	2.8	0.08	0.08	230	0.6	<0.02	1.7	0.15	<0.1
617945	Soil	9.3	18.4	0.39	151.7	0.002	3	1.11	0.004	0.10	<0.1	6.3	0.17	0.04	115	0.4	<0.02	2.8	1.25	<0.1
617946	Soil	9.9	16.4	0.31	136.5	0.003	3	1.03	0.004	0.07	<0.1	6.8	0.19	0.03	151	0.4	0.02	2.8	2.12	<0.1
617947	Soil	3.3	22.2	0.07	106.1	0.002	3	1.23	0.016	0.09	<0.1	6.7	0.47	0.17	153	0.6	0.08	3.1	3.24	<0.1
617948	Soil	3.4	18.6	0.16	92.1	0.002	2	1.15	0.003	0.08	<0.1	3.5	0.14	0.06	33	0.2	0.05	3.0	3.71	<0.1
617949	Soil	2.3	30.0	0.16	50.1	0.003	3	1.70	0.003	0.10	<0.1	9.2	0.21	0.10	28	0.4	0.04	3.5	6.24	<0.1
617950	Soil	3.4	3.5	7.14	48.2	<0.001	3	0.16	0.006	0.02	<0.1	0.5	0.02	<0.02	72	0.2	<0.02	0.4	0.07	<0.1
1097662	Soil	4.1	36.5	0.26	87.7	0.005	<1	1.76	0.004	0.08	<0.1	2.9	0.11	0.05	40	0.3	0.04	7.3	2.30	<0.1
1097663	Soil	2.3	39.4	0.46	154.0	0.004	1	2.03	0.004	0.12	<0.1	3.6	0.11	0.02	38	<0.1	0.03	9.6	1.62	<0.1
1097664	Soil	5.4	12.9	0.21	169.4	<0.001	4	0.86	0.004	0.12	<0.1	4.0	0.10	0.07	78	0.1	0.04	2.8	1.26	<0.1
1097665	Soil	8.9	19.9	1.45	91.8	0.002	4	1.19	0.004	0.07	<0.1	3.9	0.11	0.06	172	0.3	0.05	3.3	0.72	<0.1
1097666	Soil	11.1	19.5	2.62	103.3	0.004	3	1.40	0.005	0.05	<0.1	2.9	0.11	0.07	117	0.4	0.05	3.5	0.80	<0.1
1097667	Soil	6.7	13.1	0.44	129.4	0.001	5	0.83	0.002	0.07	<0.1	3.6	0.10	0.05	133	0.3	0.05	2.3	0.51	<0.1
1097668	Soil	7.8	18.1	0.17	84.4	0.002	3	1.44	0.002	0.07	<0.1	4.4	0.21	0.05	45	0.4	0.03	3.7	2.97	<0.1
1097669	Soil	7.1	16.8	0.33	144.3	0.002	4	1.00	0.003	0.08	<0.1	5.8	0.18	0.05	129	0.5	0.03	2.7	2.60	<0.1



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Part 3

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
617929	Soil	0.49	9.7	2.6	<0.05	0.5	5.88	10.6	0.03	<1	1.0	12.6	<10
617930	Soil	0.45	12.1	2.9	<0.05	1.2	7.15	13.1	0.04	<1	1.8	24.5	<10
617931	Soil	0.53	13.3	2.2	<0.05	0.6	4.73	14.9	0.03	<1	2.2	18.7	<10
617932	Soil	0.44	13.1	1.2	<0.05	1.2	7.09	11.7	0.03	<1	2.5	19.5	<10
617933	Soil	0.34	18.7	2.6	<0.05	1.2	6.09	29.3	0.04	<1	2.1	34.3	<10
617934	Soil	0.40	20.9	3.8	<0.05	1.3	6.31	24.9	0.03	<1	1.2	31.6	<10
617935	Soil	0.73	14.8	3.4	<0.05	1.8	3.96	12.8	0.05	<1	1.3	31.4	<10
617936	Soil	0.32	19.4	3.6	<0.05	2.4	7.67	27.7	0.05	<1	2.0	37.8	<10
617937	Soil	0.61	17.2	1.6	<0.05	1.7	3.27	13.7	0.04	<1	1.4	32.4	<10
617938	Soil	0.54	16.0	1.3	<0.05	1.7	3.27	13.6	0.03	<1	1.0	36.7	<10
617939	Soil	0.45	19.3	3.4	<0.05	1.2	4.21	12.2	0.04	1	1.4	41.0	<10
617940	Soil	0.08	2.3	2.3	<0.05	3.2	20.92	16.9	<0.02	<1	0.4	2.3	<10
617941	Soil	0.04	0.9	0.5	<0.05	1.2	7.02	6.2	<0.02	<1	0.2	1.4	<10
617942	Soil	0.03	0.4	4.4	<0.05	1.3	5.38	3.8	<0.02	<1	0.2	0.8	<10
617943	Soil	0.07	2.5	1.2	<0.05	1.7	14.08	16.2	0.03	<1	0.3	2.1	<10
617944	Soil	0.15	3.2	1.0	<0.05	2.1	15.29	24.5	0.04	1	0.8	2.7	<10
617945	Soil	0.14	5.8	3.2	<0.05	4.7	18.56	27.0	0.06	<1	1.5	34.1	<10
617946	Soil	0.13	6.8	1.7	<0.05	3.6	19.10	28.9	0.07	<1	1.4	35.0	<10
617947	Soil	0.07	7.5	1.5	<0.05	11.2	8.26	10.9	0.12	<1	1.2	11.7	<10
617948	Soil	0.16	9.5	2.3	<0.05	2.2	7.75	9.6	0.07	<1	1.3	19.8	<10
617949	Soil	0.09	8.1	1.3	<0.05	6.9	6.67	6.6	0.09	<1	1.5	21.7	<10
617950	Soil	0.11	0.8	2.2	<0.05	0.8	7.41	6.8	<0.02	<1	0.2	0.8	<10
1097662	Soil	0.63	12.1	2.3	<0.05	1.4	4.49	11.4	0.04	<1	1.1	15.7	<10
1097663	Soil	0.65	16.3	4.6	<0.05	1.5	4.17	6.7	0.04	1	0.9	23.7	<10
1097664	Soil	0.24	9.0	1.3	<0.05	2.7	8.39	13.1	0.02	<1	1.2	6.9	<10
1097665	Soil	0.29	5.9	1.1	<0.05	2.4	12.31	19.2	0.03	<1	0.9	26.1	<10
1097666	Soil	0.38	8.7	0.9	<0.05	1.5	13.70	22.9	0.03	<1	0.8	17.4	<10
1097667	Soil	0.17	4.6	1.0	<0.05	2.3	9.92	17.2	0.03	<1	0.7	12.6	<10
1097668	Soil	0.36	11.5	2.6	<0.05	2.6	9.04	30.0	0.06	2	1.2	32.6	<10
1097669	Soil	0.14	8.1	1.2	<0.05	3.3	17.94	20.5	0.03	2	1.2	34.7	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
1097670	Soil	0.50	32.95	26.93	104.3	162	34.7	14.3	388	3.91	7.7	0.6	0.7	3.6	54.3	0.08	0.30	0.35	14	0.72
1097671	Soil	0.34	14.38	27.12	109.0	132	19.6	9.2	193	2.93	5.9	0.7	1.4	3.5	75.8	0.09	0.18	0.35	16	0.98
1097672	Soil	0.49	23.83	23.19	98.1	110	24.7	12.4	420	3.00	9.9	1.4	2.9	2.3	52.6	0.19	0.70	0.29	20	1.12
1097673	Soil	0.81	52.40	63.74	135.8	282	37.2	13.8	747	9.10	13.1	1.0	0.8	7.9	23.3	0.17	0.29	0.36	20	0.18
1097674	Soil	1.18	40.99	50.22	130.7	268	62.3	23.5	533	4.34	10.0	2.0	0.9	8.0	97.2	0.16	0.27	0.48	10	1.07
1097675	Soil	0.67	40.58	53.04	295.8	203	76.0	36.4	1764	5.48	8.1	0.9	0.7	7.8	33.5	0.32	0.31	0.43	13	0.36
1097676	Soil	0.69	28.89	33.15	132.8	196	37.1	14.8	457	4.33	9.2	1.3	0.8	3.4	92.1	0.24	0.37	0.45	21	1.13
1097677	Soil	0.39	22.37	29.02	116.3	106	30.5	12.3	376	4.16	6.9	0.9	0.4	4.6	50.7	0.10	0.21	0.40	16	0.45
1097678	Soil	0.79	19.16	44.04	484.9	227	27.0	8.1	5991	7.89	34.3	3.1	1.9	1.6	24.4	1.36	2.80	0.25	23	3.34
1097679	Soil	0.51	17.13	27.72	90.2	196	23.5	9.1	2338	4.80	14.5	1.2	2.6	1.9	20.1	0.29	1.13	0.21	17	5.94
1097680	Soil	0.07	2.05	4.01	8.6	22	1.5	1.1	1215	0.88	2.9	0.9	0.3	0.1	30.5	0.07	0.24	<0.02	2	17.92
1097681	Soil	0.40	12.09	23.55	73.3	124	13.2	5.8	3958	4.57	27.5	1.7	3.4	0.6	35.5	0.27	2.52	0.10	13	12.73
1097682	Soil	0.76	16.60	25.39	75.1	195	19.9	7.7	1728	3.94	12.1	1.3	3.9	1.4	15.2	0.32	1.00	0.33	24	4.30
1097683	Soil	0.76	18.56	29.16	95.7	192	21.1	8.5	1565	3.66	22.0	1.1	10.4	1.0	23.8	0.40	1.84	0.22	23	7.09
1097684	Soil	0.46	22.09	36.96	148.7	130	27.2	12.4	820	3.19	9.8	0.8	1.4	2.9	20.2	0.26	0.70	0.30	10	3.80
1097685	Soil	0.73	45.58	54.66	85.5	72	37.2	40.3	1827	4.13	10.4	0.8	2.1	4.0	7.6	0.12	0.51	0.40	30	0.22
1097686	Soil	0.30	32.13	18.58	77.1	25	34.5	20.3	520	3.90	2.0	0.9	1.1	5.4	12.3	0.03	0.19	0.35	31	0.05
1097687	Soil	0.60	56.44	64.52	74.2	98	29.4	24.4	>10000	3.63	3.9	1.7	1.2	1.6	8.2	0.77	0.40	0.36	43	0.36
1097688	Soil	1.26	63.13	108.9	94.8	83	42.9	70.5	3826	3.35	9.7	1.8	1.9	3.2	13.3	0.06	0.30	0.37	25	0.07
1097689	Soil	0.97	72.16	44.63	67.0	48	25.2	43.2	2427	4.10	7.9	0.7	0.9	3.9	3.9	0.13	0.28	0.45	32	0.02
1097690	Soil	0.40	49.44	23.64	84.1	34	40.7	22.9	936	3.62	1.9	0.7	2.1	4.5	15.4	0.02	0.12	0.39	28	0.11
1097691	Soil	0.96	20.63	18.56	103.5	141	19.7	13.7	1088	4.32	3.9	0.6	0.5	0.7	6.3	0.29	0.40	0.39	45	0.12
1097692	Soil	1.03	22.48	17.87	77.7	49	19.1	9.0	379	3.92	7.3	0.5	2.2	3.4	5.8	0.16	0.54	0.53	47	0.02
1097693	Soil	0.72	29.86	40.92	81.5	95	21.7	19.9	1164	4.86	6.5	0.6	1.5	3.4	4.4	0.16	0.29	0.51	38	<0.01
1097694	Soil	0.82	43.74	57.98	96.2	45	36.9	32.0	1766	5.12	6.4	0.7	1.6	4.1	10.5	0.09	0.20	0.47	34	0.06
1097695	Soil	0.72	36.24	66.30	90.7	40	29.0	38.3	2541	4.50	7.4	0.9	1.2	4.3	10.7	0.09	0.25	0.44	36	0.08
1097696	Soil	0.66	32.52	46.82	86.7	274	29.6	28.6	1889	3.78	6.2	0.7	1.0	3.4	8.6	0.07	0.19	0.41	30	0.06
1097697	Soil	0.57	28.48	37.93	100.3	528	27.1	24.4	1576	4.46	6.3	0.6	0.8	3.6	5.7	0.12	0.28	0.46	37	0.03
1097698	Soil	0.46	28.02	34.78	92.9	83	30.4	23.3	2057	4.16	5.5	0.6	1.0	2.4	9.1	0.17	0.21	0.44	35	0.06
617867	Soil	0.49	34.02	50.38	50.6	160	48.6	30.0	881	4.59	9.0	0.8	1.2	5.4	6.1	0.02	1.83	0.37	19	0.18



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
1097670	Soil	5.1	16.8	0.37	60.9	0.002	3	0.95	0.004	0.08	<0.1	5.0	0.09	0.04	64	0.3	0.07	2.7	1.29	<0.1
1097671	Soil	5.6	18.5	0.47	81.2	0.002	3	0.94	0.003	0.07	<0.1	4.1	0.08	0.04	74	0.3	0.04	2.9	1.14	<0.1
1097672	Soil	7.5	22.3	0.60	99.8	0.003	4	1.26	0.004	0.07	<0.1	4.0	0.10	0.06	101	0.3	0.05	4.0	0.87	<0.1
1097673	Soil	8.7	23.8	0.12	153.2	0.002	3	0.75	0.003	0.07	<0.1	4.5	0.41	0.03	40	1.0	0.02	3.1	2.61	<0.1
1097674	Soil	4.9	12.9	0.24	140.4	0.001	5	0.90	0.007	0.14	<0.1	5.1	0.16	0.09	82	0.5	0.02	2.3	1.98	<0.1
1097675	Soil	7.9	16.7	0.29	279.0	0.003	5	1.17	0.006	0.12	<0.1	7.3	0.27	0.05	44	0.3	0.02	3.2	3.48	<0.1
1097676	Soil	14.6	18.5	0.28	207.4	0.003	5	1.29	0.004	0.11	<0.1	5.2	0.15	0.07	60	0.5	0.04	3.3	1.44	<0.1
1097677	Soil	12.7	18.3	0.24	171.4	0.002	3	1.29	0.002	0.10	<0.1	5.4	0.19	0.03	19	0.2	<0.02	3.8	2.45	<0.1
1097678	Soil	12.5	19.5	1.36	208.1	0.004	3	1.04	0.003	0.05	<0.1	2.2	0.13	0.15	308	0.7	0.04	2.3	0.47	<0.1
1097679	Soil	8.7	14.4	3.46	92.9	0.004	3	0.86	0.005	0.05	<0.1	2.8	0.13	0.03	140	0.4	0.03	1.9	0.72	<0.1
1097680	Soil	1.2	2.0	10.22	19.2	0.002	2	0.12	0.011	<0.01	<0.1	0.3	0.02	<0.02	30	0.3	<0.02	0.2	0.09	<0.1
1097681	Soil	7.1	9.9	7.02	130.3	0.004	3	0.60	0.007	0.02	<0.1	1.0	0.25	0.05	117	0.5	0.07	1.4	0.23	<0.1
1097682	Soil	10.1	18.2	2.26	98.4	0.005	2	1.12	0.005	0.05	<0.1	2.2	0.12	0.06	95	0.3	0.05	2.6	0.65	<0.1
1097683	Soil	8.3	15.5	3.50	86.2	0.005	4	1.01	0.007	0.05	<0.1	1.7	0.11	0.04	233	0.5	0.05	2.2	0.46	<0.1
1097684	Soil	6.1	11.4	2.05	88.9	0.002	3	0.63	0.004	0.09	<0.1	3.2	0.12	0.02	63	0.3	0.03	1.7	1.31	<0.1
1097685	Soil	8.2	27.8	0.58	103.9	0.005	<1	1.64	0.003	0.09	<0.1	6.2	0.15	<0.02	45	<0.1	0.02	5.5	2.05	<0.1
1097686	Soil	2.9	36.5	0.71	323.3	0.009	1	1.87	0.004	0.13	<0.1	5.2	0.12	<0.02	8	<0.1	<0.02	6.8	2.29	<0.1
1097687	Soil	7.3	30.2	0.35	629.6	0.008	2	2.14	0.003	0.10	0.1	3.0	0.18	0.10	48	0.1	0.07	5.4	2.55	<0.1
1097688	Soil	3.9	31.6	0.67	125.8	0.002	<1	1.88	0.003	0.10	<0.1	5.8	0.23	<0.02	37	<0.1	<0.02	6.4	2.21	<0.1
1097689	Soil	3.3	33.0	0.41	80.2	0.004	1	1.87	0.002	0.08	<0.1	3.3	0.13	0.02	52	0.1	0.03	6.6	2.59	<0.1
1097690	Soil	5.5	37.3	0.75	484.8	0.010	2	2.05	0.003	0.18	<0.1	5.8	0.16	<0.02	17	<0.1	<0.02	7.7	3.76	<0.1
1097691	Soil	3.5	34.0	0.32	172.5	0.012	2	1.38	0.003	0.17	<0.1	1.5	0.12	0.05	37	0.1	0.02	7.6	1.64	<0.1
1097692	Soil	6.9	31.7	0.33	64.8	0.007	<1	1.77	0.002	0.07	0.1	2.7	0.13	<0.02	30	0.1	0.05	7.3	1.87	<0.1
1097693	Soil	6.1	35.2	0.29	78.8	0.003	<1	1.99	0.001	0.07	<0.1	3.7	0.10	0.02	39	0.3	0.03	7.5	2.62	<0.1
1097694	Soil	6.5	43.9	0.59	107.4	0.002	<1	2.36	0.002	0.09	<0.1	5.2	0.12	0.02	43	0.1	<0.02	8.4	3.49	<0.1
1097695	Soil	6.9	36.4	0.43	104.5	0.003	<1	2.05	0.002	0.10	<0.1	5.1	0.14	<0.02	47	0.2	0.02	7.5	4.26	<0.1
1097696	Soil	6.2	35.1	0.42	108.7	0.003	<1	1.97	0.004	0.10	<0.1	4.6	0.10	<0.02	29	0.1	<0.02	6.8	2.33	<0.1
1097697	Soil	6.3	36.3	0.41	128.6	0.004	<1	2.19	0.002	0.15	<0.1	3.2	0.11	0.02	32	0.1	0.03	7.6	1.86	<0.1
1097698	Soil	5.5	34.2	0.36	193.8	0.004	<1	2.09	0.002	0.16	<0.1	2.6	0.11	0.03	33	<0.1	<0.02	7.4	1.57	<0.1
617867	Soil	7.7	22.0	0.37	28.8	0.003	2	1.32	<0.001	0.16	<0.1	7.8	0.18	<0.02	69	<0.1	0.03	4.4	4.67	<0.1



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
1097670	Soil	0.13	6.0	0.7	<0.05	5.1	9.68	11.6	0.04	<1	1.1	32.2	<10
1097671	Soil	0.20	7.0	0.8	<0.05	3.7	5.87	13.4	0.04	<1	0.7	31.8	<10
1097672	Soil	0.37	7.4	0.5	<0.05	3.0	10.01	17.5	0.03	<1	1.1	26.2	<10
1097673	Soil	0.20	6.5	0.6	<0.05	7.1	10.41	27.6	0.07	1	0.8	12.5	<10
1097674	Soil	0.06	7.7	0.8	<0.05	7.9	12.84	15.5	0.04	<1	1.2	35.8	<10
1097675	Soil	0.06	10.6	1.0	<0.05	5.3	19.16	29.4	0.06	<1	1.5	42.0	<10
1097676	Soil	0.32	10.1	0.7	<0.05	3.2	18.25	34.9	0.05	<1	1.5	22.7	<10
1097677	Soil	0.25	15.2	0.9	<0.05	2.0	17.40	40.9	0.05	<1	1.2	30.2	<10
1097678	Soil	0.16	5.2	0.3	<0.05	3.1	22.84	28.1	0.02	<1	1.0	4.1	<10
1097679	Soil	0.12	5.3	0.6	<0.05	1.7	14.08	22.2	0.02	2	0.7	12.3	<10
1097680	Soil	0.04	0.7	0.2	<0.05	0.6	2.67	2.6	<0.02	<1	0.1	0.8	<10
1097681	Soil	0.09	2.6	0.4	<0.05	1.3	13.83	15.6	<0.02	1	0.6	3.1	<10
1097682	Soil	0.30	5.8	0.7	<0.05	1.7	14.29	16.7	0.03	<1	0.8	10.0	<10
1097683	Soil	0.20	4.1	1.4	<0.05	1.1	12.12	16.6	0.03	<1	0.6	8.6	<10
1097684	Soil	0.11	6.3	1.2	<0.05	1.7	10.09	18.1	0.03	<1	0.8	14.7	<10
1097685	Soil	0.14	9.3	1.3	<0.05	2.0	16.84	25.9	0.04	<1	1.5	26.0	<10
1097686	Soil	0.28	15.5	1.3	<0.05	1.1	6.39	10.0	0.03	<1	1.4	29.8	<10
1097687	Soil	0.34	13.4	3.7	<0.05	0.8	18.54	25.9	0.06	<1	2.2	18.1	<10
1097688	Soil	0.13	10.2	0.9	<0.05	1.6	12.35	16.8	0.04	<1	1.9	42.3	<10
1097689	Soil	0.47	12.4	1.1	<0.05	1.5	3.94	16.2	0.04	<1	1.0	33.6	<10
1097690	Soil	0.18	21.1	2.4	<0.05	2.4	18.51	20.8	0.03	<1	2.1	36.8	<10
1097691	Soil	0.62	20.6	1.5	<0.05	0.2	2.63	8.7	0.03	<1	0.6	12.7	<10
1097692	Soil	0.85	13.1	1.4	<0.05	1.6	3.25	15.6	0.04	<1	0.6	21.2	<10
1097693	Soil	0.47	11.8	1.1	<0.05	1.9	5.67	16.5	0.05	<1	1.7	29.3	<10
1097694	Soil	0.22	11.7	2.3	<0.05	2.6	8.31	21.9	0.05	<1	1.9	38.6	<10
1097695	Soil	0.28	15.3	1.6	<0.05	1.5	9.70	27.1	0.05	<1	1.7	36.0	<10
1097696	Soil	0.19	11.9	1.8	<0.05	1.4	8.11	20.4	0.04	<1	1.5	31.6	<10
1097697	Soil	0.46	17.9	1.5	<0.05	2.2	5.16	16.6	0.03	<1	1.5	36.1	<10
1097698	Soil	0.47	17.8	1.2	<0.05	2.0	4.25	14.3	0.04	<1	1.4	31.4	<10
617867	Soil	0.06	11.5	1.5	<0.05	2.0	14.93	20.7	0.04	<1	1.3	15.1	<10



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
617868	Soil	0.48	32.63	28.90	44.9	69	30.2	18.6	910	3.40	10.9	0.9	1.1	2.5	7.9	0.06	0.50	0.40	16	0.29
617869	Soil	0.44	10.08	24.62	41.0	79	10.1	5.7	1409	2.28	12.1	0.7	5.2	0.5	31.5	0.21	1.65	0.11	13	12.58
617870	Soil	0.27	4.64	9.93	23.9	48	4.9	2.8	1671	1.63	4.9	0.8	0.8	0.2	43.7	0.22	0.66	0.05	7	14.02
617871	Soil	0.33	9.98	20.65	111.2	98	8.7	4.2	3015	2.73	9.8	1.7	2.2	0.3	27.6	0.28	1.62	0.09	10	12.40
617872	Soil	0.29	10.52	22.27	180.9	102	9.4	4.6	2235	2.88	15.4	1.4	5.7	1.1	27.8	0.10	2.56	0.11	6	16.12
617873	Soil	0.61	13.48	28.02	86.2	148	15.8	5.8	4546	5.58	22.9	2.4	4.5	0.7	22.5	0.41	2.86	0.12	17	10.30
617874	Soil	0.28	8.64	23.68	305.3	105	8.1	3.9	2284	2.81	10.5	1.2	5.5	0.4	26.2	0.48	2.10	0.09	9	14.54
617875	Soil	0.93	24.59	23.16	82.1	40	23.8	10.7	479	3.76	9.9	1.1	1.7	2.2	9.7	0.10	0.46	0.32	33	0.08
617876	Soil	1.14	59.02	67.88	189.7	380	69.1	27.2	1084	7.82	13.0	1.6	1.9	7.7	71.9	0.25	0.46	0.48	17	0.44
617877	Soil	1.03	75.20	87.34	122.7	208	34.2	29.7	588	8.00	7.9	1.1	1.4	8.0	60.7	0.06	0.40	0.41	28	<0.01
617878	Soil	1.03	19.22	19.30	64.4	187	21.1	8.1	272	2.92	9.0	0.7	1.0	0.6	24.1	0.09	0.52	0.27	32	0.27
617879	Soil	1.37	33.58	56.71	112.8	172	35.3	29.5	1213	4.66	17.5	1.0	1.1	2.5	14.8	0.12	0.78	0.41	34	0.09
617880	Soil	1.01	31.26	36.11	81.2	76	36.1	21.6	473	3.78	22.1	0.7	2.1	3.5	8.8	0.07	0.61	0.30	27	0.03
617881	Soil	0.99	34.92	41.95	104.3	503	34.8	24.5	930	4.98	12.0	2.6	1.5	6.8	83.4	0.12	0.53	0.39	35	1.06
617882	Soil	1.02	38.84	64.25	103.4	202	33.3	27.0	1538	4.79	11.2	1.4	1.2	3.9	80.1	0.19	0.47	0.42	22	1.03
617883	Soil	1.07	24.93	46.13	91.7	123	35.5	24.2	463	3.20	10.1	0.6	1.8	2.6	13.4	0.06	0.67	0.38	33	0.10
617884	Soil	3.17	57.84	74.48	419.6	950	52.2	17.6	417	3.30	26.9	2.3	6.6	2.8	35.6	0.88	1.36	0.49	38	1.51
617885	Soil	0.96	24.88	21.39	127.3	123	25.5	11.6	1024	3.11	9.6	2.1	2.2	1.3	29.6	0.37	0.67	0.30	30	1.43
617886	Soil	0.66	37.45	40.89	106.4	63	34.9	27.0	1417	4.70	5.6	0.8	3.8	3.0	9.5	0.17	0.37	0.47	34	0.10
617887	Soil	1.01	33.05	31.53	134.6	130	30.0	20.3	981	3.56	8.7	1.7	3.0	2.1	17.3	0.41	0.57	0.37	35	0.70
617888	Soil	0.99	21.41	17.06	113.0	87	23.3	12.0	471	4.01	5.0	3.6	1.2	1.1	44.0	0.34	0.45	0.37	42	0.48
617889	Soil	0.88	26.84	25.22	107.5	84	33.3	18.9	608	4.44	6.2	0.6	2.1	3.1	10.4	0.41	0.49	0.40	37	0.04
617890	Soil	0.84	25.05	23.65	95.9	123	27.5	10.9	481	3.32	10.4	1.4	2.1	2.8	54.2	0.17	1.05	0.33	29	0.46
617891	Soil	0.50	29.33	31.24	88.0	55	23.0	16.5	1093	4.78	7.1	0.5	0.6	3.6	5.8	0.09	0.20	0.44	38	<0.01
617892	Soil	0.63	22.93	28.53	80.3	63	19.6	13.7	816	3.90	4.5	0.4	0.8	2.9	5.1	0.13	0.19	0.39	37	0.02
617893	Soil	0.46	25.97	21.84	105.2	126	24.1	15.6	528	3.92	6.1	0.6	<0.2	4.1	4.8	0.10	0.34	0.49	29	0.03
617894	Soil	1.25	21.81	66.21	112.7	118	19.3	21.2	791	2.90	6.5	0.5	<0.2	2.6	15.6	0.28	0.26	0.41	22	0.12
617895	Soil	1.12	14.24	13.20	43.9	21	11.3	6.4	246	2.96	5.6	0.5	0.8	3.2	6.4	0.09	0.52	0.28	53	0.04
617896	Soil	0.89	25.93	16.75	85.7	40	29.0	14.7	593	2.84	6.9	1.0	1.6	4.2	13.6	0.26	0.60	0.21	42	0.17
617897	Soil	0.83	28.69	21.05	69.4	137	33.2	15.0	1132	3.43	14.8	2.5	3.4	3.4	23.8	0.25	0.87	0.29	28	0.71



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
617868	Soil	7.6	11.4	0.14	100.3	0.002	3	0.60	0.002	0.15	<0.1	4.9	0.12	0.04	79	<0.1	<0.02	2.4	2.44	<0.1
617869	Soil	5.2	8.0	5.79	49.7	0.004	2	0.43	0.008	0.02	<0.1	1.0	0.21	<0.02	94	0.2	<0.02	1.0	0.20	<0.1
617870	Soil	3.9	4.8	6.49	47.3	0.003	2	0.27	0.009	0.02	<0.1	0.6	0.13	<0.02	50	0.2	<0.02	0.5	0.17	<0.1
617871	Soil	7.2	7.8	5.84	84.3	0.002	4	0.40	0.013	0.03	<0.1	0.7	0.10	0.06	94	0.4	0.03	0.9	0.21	<0.1
617872	Soil	5.0	5.5	7.20	27.6	0.001	3	0.18	0.013	0.03	<0.1	1.4	0.07	<0.02	187	0.3	0.03	0.4	0.10	<0.1
617873	Soil	8.9	11.7	4.53	87.4	0.005	3	0.62	0.010	0.03	<0.1	1.4	0.12	0.03	183	0.6	0.03	1.3	0.25	<0.1
617874	Soil	5.4	7.2	6.59	50.0	0.003	3	0.29	0.012	0.02	<0.1	0.9	0.12	<0.02	482	0.4	<0.02	0.7	0.18	<0.1
617875	Soil	8.5	24.1	0.38	100.6	0.003	2	1.64	0.002	0.07	<0.1	2.2	0.12	0.03	44	0.3	0.05	4.7	1.64	<0.1
617876	Soil	6.4	32.3	0.23	146.1	0.002	2	1.27	0.006	0.08	<0.1	6.3	0.41	0.07	344	0.6	0.04	3.0	2.85	<0.1
617877	Soil	2.2	34.0	0.27	54.4	0.003	2	1.71	0.007	0.10	<0.1	9.1	0.15	0.18	47	0.6	0.04	4.5	11.14	<0.1
617878	Soil	5.3	19.2	0.25	95.6	0.005	<1	1.01	0.005	0.05	0.1	1.0	0.10	0.04	24	0.2	0.04	3.3	1.21	<0.1
617879	Soil	7.9	23.2	0.29	114.6	0.006	<1	1.45	0.004	0.07	<0.1	3.6	0.14	0.03	54	0.2	0.05	4.0	4.74	<0.1
617880	Soil	5.5	22.0	0.37	60.7	0.004	1	1.53	0.002	0.05	<0.1	3.5	0.11	<0.02	18	0.2	0.08	3.5	3.24	<0.1
617881	Soil	22.8	31.3	0.47	116.2	0.003	2	2.07	0.005	0.07	<0.1	18.7	0.14	0.07	84	0.3	0.06	5.5	6.01	<0.1
617882	Soil	7.9	29.3	0.43	94.7	0.002	2	1.77	0.006	0.08	<0.1	9.0	0.11	0.07	36	0.2	0.06	4.5	4.94	<0.1
617883	Soil	7.6	22.2	0.41	94.6	0.013	1	1.35	0.004	0.05	<0.1	2.6	0.10	<0.02	20	0.2	<0.02	3.5	5.25	<0.1
617884	Soil	16.8	21.4	0.26	95.8	0.003	3	1.00	0.004	0.12	<0.1	4.7	0.20	0.05	174	0.9	0.05	2.9	0.39	<0.1
617885	Soil	16.8	22.1	0.34	123.7	0.005	2	1.26	0.005	0.08	0.1	2.5	0.11	0.10	61	0.2	0.04	3.8	1.00	<0.1
617886	Soil	7.1	43.0	0.67	105.0	0.003	1	2.19	0.011	0.13	<0.1	6.4	0.13	0.03	22	<0.1	0.02	8.1	2.99	<0.1
617887	Soil	12.6	32.5	0.50	99.8	0.006	2	1.71	0.010	0.11	<0.1	4.6	0.12	0.06	53	0.3	0.03	5.9	2.78	<0.1
617888	Soil	5.5	37.1	0.45	192.8	0.007	2	1.68	0.010	0.19	0.1	2.1	0.14	0.04	28	0.3	0.08	8.1	2.24	<0.1
617889	Soil	7.2	43.2	0.64	95.4	0.009	2	1.91	0.009	0.15	<0.1	3.4	0.11	0.03	40	0.2	<0.02	7.9	2.93	<0.1
617890	Soil	6.5	31.3	0.42	128.4	0.003	2	1.65	0.009	0.08	<0.1	3.1	0.09	0.04	737	0.3	0.03	5.7	2.08	<0.1
617891	Soil	4.9	38.5	0.35	95.0	0.002	<1	1.91	0.008	0.09	<0.1	3.4	0.10	0.03	24	0.2	0.05	9.0	2.58	<0.1
617892	Soil	4.9	35.2	0.28	114.5	0.002	<1	1.89	0.009	0.10	<0.1	3.3	0.10	0.02	38	0.2	<0.02	8.7	2.45	<0.1
617893	Soil	6.2	35.9	0.40	120.6	0.001	1	1.98	0.005	0.15	<0.1	2.3	0.10	0.04	42	0.2	0.02	7.5	2.87	<0.1
617894	Soil	4.4	26.5	0.33	201.5	0.002	2	1.41	0.006	0.19	<0.1	2.3	0.12	0.05	38	<0.1	0.02	6.3	2.74	<0.1
617895	Soil	8.9	22.8	0.23	94.8	0.006	<1	1.48	0.006	0.06	<0.1	2.3	0.15	<0.02	15	0.1	0.04	8.1	1.88	<0.1
617896	Soil	13.9	28.6	0.58	124.1	0.032	2	1.46	0.011	0.08	0.1	3.8	0.08	<0.02	18	0.3	0.03	5.1	1.72	<0.1
617897	Soil	20.5	28.6	0.42	143.5	0.004	3	1.64	0.007	0.09	0.1	6.5	0.09	0.04	53	0.3	0.06	4.1	1.20	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
617868	Soil	0.15	9.0	1.3	<0.05	1.1	9.28	17.8	0.05	<1	1.0	2.9	<10
617869	Soil	0.10	2.2	2.0	<0.05	0.8	6.90	11.1	<0.02	<1	0.4	3.2	<10
617870	Soil	0.05	1.7	1.0	<0.05	0.4	5.80	9.5	<0.02	<1	0.4	1.5	<10
617871	Soil	0.05	2.2	2.3	<0.05	0.4	11.57	14.0	<0.02	<1	0.3	2.3	<10
617872	Soil	0.04	1.1	1.2	<0.05	1.2	7.20	9.2	<0.02	<1	0.3	1.3	<10
617873	Soil	0.10	2.5	1.5	<0.05	0.9	14.85	16.6	<0.02	<1	0.4	3.2	<10
617874	Soil	0.05	1.6	1.5	<0.05	0.6	7.65	10.4	<0.02	<1	0.2	1.6	<10
617875	Soil	0.35	10.1	1.1	<0.05	1.6	5.34	24.0	0.03	<1	0.9	30.3	<10
617876	Soil	0.08	7.3	2.4	<0.05	4.0	17.23	19.3	0.08	<1	1.8	34.3	<10
617877	Soil	0.15	9.4	8.6	<0.05	2.9	5.68	7.4	0.10	<1	1.3	42.5	<10
617878	Soil	0.27	8.4	1.1	<0.05	0.4	3.55	12.2	0.02	<1	0.5	15.4	11
617879	Soil	0.29	10.7	2.5	<0.05	1.7	11.74	25.0	0.05	<1	1.3	35.7	<10
617880	Soil	0.26	6.8	0.9	<0.05	1.7	6.39	19.5	0.04	<1	1.2	43.1	<10
617881	Soil	0.34	9.9	1.0	<0.05	3.1	68.99	48.0	0.07	<1	2.0	57.1	<10
617882	Soil	0.21	9.0	4.2	<0.05	2.3	26.08	35.8	0.06	<1	2.2	62.9	<10
617883	Soil	0.45	6.3	0.8	<0.05	1.0	4.47	17.9	0.02	<1	1.0	34.4	<10
617884	Soil	0.31	6.4	0.9	<0.05	3.1	16.54	32.6	0.04	1	1.7	8.1	<10
617885	Soil	0.44	9.1	0.9	<0.05	1.3	13.14	32.8	0.04	<1	1.0	11.9	<10
617886	Soil	0.26	15.8	3.1	<0.05	1.7	15.40	24.2	0.07	<1	1.9	37.4	<10
617887	Soil	0.53	14.4	1.5	<0.05	1.7	15.98	29.4	0.05	<1	1.5	23.0	<10
617888	Soil	0.75	27.9	1.7	<0.05	0.1	3.52	12.5	0.04	<1	1.2	34.9	<10
617889	Soil	0.67	17.7	1.6	<0.05	0.8	3.91	21.4	0.04	<1	1.2	34.2	<10
617890	Soil	0.55	13.4	2.1	<0.05	1.4	4.88	17.1	0.04	<1	1.3	31.9	<10
617891	Soil	0.35	19.4	1.2	<0.05	2.1	4.50	13.8	0.05	<1	1.1	28.1	<10
617892	Soil	0.37	19.9	1.9	<0.05	1.8	4.43	11.8	0.04	<1	1.3	26.9	<10
617893	Soil	0.35	19.9	0.7	<0.05	5.6	4.53	15.9	0.04	<1	1.4	43.6	<10
617894	Soil	0.31	18.2	1.5	<0.05	0.9	3.25	11.9	0.03	<1	1.3	23.1	<10
617895	Soil	0.59	14.1	1.0	<0.05	0.6	3.39	18.5	0.03	<1	0.3	10.2	<10
617896	Soil	0.42	10.6	0.7	<0.05	0.8	8.55	31.6	<0.02	<1	0.9	22.7	<10
617897	Soil	0.29	11.5	0.7	<0.05	1.6	16.25	58.5	0.04	<1	1.5	22.2	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
617898	Soil	1.05	32.80	17.89	58.2	29	34.7	16.7	923	3.37	24.3	2.2	0.5	3.8	7.9	0.10	2.25	0.32	21	0.27
617899	Soil	1.35	44.95	22.65	82.0	96	38.1	19.8	812	2.84	22.1	2.3	2.5	2.5	12.3	0.19	2.18	0.36	18	1.08
617900	Soil	0.79	19.07	24.42	78.5	145	21.4	9.9	1841	3.81	13.0	1.0	2.1	1.1	15.5	0.53	1.24	0.22	31	2.13
617151	Soil	0.56	21.07	15.37	59.9	92	21.3	15.0	1701	3.34	28.1	0.7	2.2	3.8	9.1	0.26	1.20	0.40	22	0.97
617152	Soil	0.30	3.40	6.39	29.6	33	1.8	1.5	907	0.85	3.1	0.5	0.8	0.1	29.2	0.12	0.34	0.04	5	11.16
617153	Soil	0.21	5.21	27.66	136.4	185	4.4	3.1	2419	2.35	27.1	1.1	4.0	0.3	52.9	0.14	4.83	0.05	6	10.57
617154	Soil	0.53	11.58	107.4	217.8	172	7.0	4.6	2590	3.60	22.1	1.4	13.9	0.6	47.9	0.19	2.80	0.08	8	10.38
617155	Soil	0.30	9.62	33.10	51.8	87	11.0	4.9	1967	3.07	22.6	1.4	10.7	0.9	43.4	0.17	2.70	0.08	13	9.48
617156	Soil	0.42	6.46	10.46	35.3	58	9.4	4.3	1526	2.12	7.9	0.9	0.5	0.8	39.4	0.17	0.76	0.07	14	9.35
617617	Soil	0.63	31.71	40.68	99.8	237	31.9	12.1	359	4.28	8.8	0.9	0.3	2.6	30.6	0.13	0.36	0.36	13	0.41
617618	Soil	0.31	28.54	39.18	106.5	159	42.2	17.3	639	4.13	7.9	0.8	<0.2	8.4	21.5	0.14	0.21	0.41	9	0.26
617619	Soil	0.33	7.53	16.05	46.7	69	7.3	3.5	3078	3.14	8.6	1.2	2.2	0.3	21.5	0.28	0.94	0.08	12	9.51
617620	Soil	0.26	10.92	19.97	46.6	98	19.7	7.4	2122	3.50	20.0	2.0	4.6	1.1	21.4	0.19	3.30	0.12	16	7.81
617621	Soil	0.11	9.52	20.16	24.0	73	8.4	4.0	1917	2.37	11.4	1.2	3.5	0.5	24.5	0.10	1.77	0.08	8	10.89
617622	Soil	0.25	6.64	13.07	53.4	57	6.3	3.5	2791	2.39	7.9	1.1	1.6	0.2	38.4	0.25	0.78	0.07	11	9.97
617623	Soil	0.16	16.53	37.38	24.0	104	12.0	9.4	998	2.35	18.5	0.7	5.1	1.6	29.7	0.10	3.00	0.17	14	8.04
617624	Soil	0.32	11.20	14.34	31.5	63	9.4	5.2	1182	2.23	9.8	0.6	2.9	0.5	31.6	0.15	0.92	0.10	14	8.73
617625	Soil	1.00	26.20	30.92	76.6	56	22.8	18.3	1224	3.53	6.0	0.6	1.7	1.5	7.7	0.21	0.56	0.26	39	0.09
617626	Soil	0.49	43.14	36.16	84.0	43	30.3	16.5	4634	3.27	3.1	0.7	0.3	2.1	7.4	0.41	0.42	0.26	36	0.31
617627	Soil	0.75	27.56	36.37	82.0	48	30.5	21.6	1363	3.77	6.1	0.8	0.4	3.4	7.3	0.12	0.37	0.32	35	0.04
617628	Soil	0.48	42.46	46.04	108.3	33	37.5	29.4	1127	4.74	6.3	0.6	0.5	5.4	10.2	0.04	0.15	0.58	35	0.06
617629	Soil	0.72	21.33	21.10	84.2	111	22.2	11.6	552	3.84	5.9	0.6	0.5	2.8	5.8	0.09	0.31	0.37	33	0.02
617630	Soil	0.64	18.39	25.42	102.8	160	22.8	14.4	694	4.41	5.7	0.5	0.2	3.8	6.7	0.13	0.28	0.38	36	0.03
617631	Soil	0.79	32.42	31.11	128.9	307	38.4	12.1	345	3.73	8.2	1.0	0.8	6.6	39.7	0.18	0.25	0.34	14	0.39
617632	Soil	0.46	18.53	41.31	28.5	170	25.4	8.2	967	2.99	35.1	0.9	13.9	2.6	38.1	0.12	3.63	0.33	8	9.02
617633	Soil	0.11	4.82	15.10	21.2	34	5.5	1.9	1753	1.93	10.7	1.3	5.8	0.2	34.1	0.08	1.11	0.08	<2	17.06
617634	Soil	0.16	5.85	12.57	15.2	57	4.6	2.2	888	1.03	6.7	1.6	2.8	0.3	32.4	0.10	1.09	0.06	6	13.51
617635	Soil	0.80	15.42	21.29	85.3	89	16.5	6.8	1938	3.44	10.9	0.9	2.8	0.8	11.7	0.29	1.26	0.22	23	1.69
617636	Soil	0.38	19.96	29.79	111.5	116	23.9	15.4	2624	4.44	22.4	0.8	5.1	0.9	11.9	0.40	2.13	0.30	16	3.72
617637	Soil	0.33	34.40	23.46	34.7	39	31.3	18.9	684	3.08	11.3	0.7	1.8	3.3	5.7	0.04	0.56	0.41	12	0.21



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
617898	Soil	15.9	16.2	0.20	75.0	0.002	2	0.92	0.003	0.11	<0.1	5.6	0.08	<0.02	15	0.1	0.05	2.6	0.52	<0.1
617899	Soil	13.2	12.8	0.25	49.4	0.001	3	0.53	0.003	0.13	<0.1	5.2	0.09	0.05	82	0.3	0.07	1.8	0.36	<0.1
617900	Soil	13.1	23.1	1.33	118.4	0.006	3	1.52	0.007	0.06	0.1	2.3	0.12	0.08	91	0.5	0.06	3.7	1.03	<0.1
617151	Soil	13.3	15.4	0.61	83.0	0.004	3	0.78	0.005	0.11	<0.1	4.5	0.09	0.02	90	0.2	0.05	2.3	1.28	<0.1
617152	Soil	1.8	2.9	8.07	30.7	0.004	4	0.20	0.013	0.02	<0.1	0.3	0.13	0.05	33	0.3	<0.02	0.4	0.17	<0.1
617153	Soil	3.2	4.7	7.73	111.8	0.002	3	0.17	0.008	0.02	<0.1	1.0	17.73	0.05	149	0.2	0.03	0.5	0.10	<0.1
617154	Soil	6.1	6.2	7.66	52.4	0.001	3	0.20	0.011	0.04	<0.1	1.4	7.57	0.05	399	0.4	<0.02	0.5	0.17	<0.1
617155	Soil	5.6	8.0	6.97	50.0	0.005	3	0.32	0.009	0.04	<0.1	1.2	0.16	0.03	161	0.5	0.03	0.9	0.22	<0.1
617156	Soil	3.9	8.2	7.08	57.6	0.007	2	0.44	0.011	0.04	<0.1	1.1	0.09	0.04	32	0.3	<0.02	1.2	0.46	<0.1
617617	Soil	5.5	12.2	0.14	89.4	0.001	3	0.92	0.005	0.12	<0.1	4.3	0.14	0.06	60	0.4	0.04	1.9	1.97	<0.1
617618	Soil	9.5	11.3	0.17	141.0	0.002	5	0.85	0.006	0.18	<0.1	6.6	0.15	0.03	157	0.2	<0.02	2.4	2.99	<0.1
617619	Soil	4.6	7.7	7.02	75.9	0.004	3	0.42	0.011	0.03	<0.1	0.7	0.08	0.07	86	0.4	0.04	1.1	0.33	<0.1
617620	Soil	6.9	11.2	5.13	86.1	0.006	3	0.49	0.009	0.06	<0.1	1.7	0.09	0.04	143	0.3	<0.02	1.3	0.27	<0.1
617621	Soil	4.5	6.2	7.87	45.3	0.002	4	0.26	0.012	0.05	<0.1	0.8	0.07	0.05	110	0.3	0.05	0.8	0.16	<0.1
617622	Soil	5.3	7.0	7.46	76.6	0.002	3	0.35	0.011	0.02	<0.1	0.5	0.04	0.07	102	0.5	0.03	0.9	0.25	<0.1
617623	Soil	6.5	10.4	5.51	53.5	0.002	4	0.47	0.010	0.09	<0.1	2.4	0.10	0.04	202	0.2	0.05	1.4	0.24	<0.1
617624	Soil	5.2	8.0	6.04	44.5	0.003	4	0.42	0.011	0.05	<0.1	1.2	0.04	0.06	69	0.3	<0.02	1.2	0.33	<0.1
617625	Soil	8.2	31.2	0.38	70.2	0.013	1	1.73	0.009	0.10	<0.1	2.7	0.11	0.05	75	0.4	0.03	6.2	2.52	<0.1
617626	Soil	6.5	28.5	0.48	208.8	0.009	3	1.82	0.009	0.14	0.1	3.9	0.15	0.07	43	0.2	0.08	5.3	3.39	<0.1
617627	Soil	6.8	35.2	0.46	99.0	0.007	2	1.83	0.007	0.13	<0.1	3.4	0.13	0.04	39	0.2	0.05	6.5	2.95	<0.1
617628	Soil	8.0	42.6	0.72	93.4	0.002	<1	2.19	0.009	0.10	<0.1	4.8	0.05	<0.02	21	0.1	0.03	8.9	3.40	<0.1
617629	Soil	7.2	35.0	0.39	86.2	0.004	<1	1.80	0.006	0.14	<0.1	2.5	0.12	0.03	31	0.2	0.03	7.3	1.79	<0.1
617630	Soil	6.4	37.6	0.40	90.4	0.004	2	2.15	0.005	0.17	<0.1	2.7	0.14	0.02	36	0.2	0.03	8.2	1.77	<0.1
617631	Soil	8.9	14.5	0.22	102.9	0.002	5	0.90	0.006	0.15	<0.1	5.5	0.15	0.03	53	0.7	0.03	2.4	2.03	<0.1
617632	Soil	5.5	8.0	4.80	27.8	0.001	3	0.26	0.007	0.07	<0.1	3.5	0.11	<0.02	237	0.7	<0.02	0.7	0.59	<0.1
617633	Soil	2.0	3.3	9.14	33.8	0.002	4	0.14	0.010	0.01	<0.1	0.5	0.11	<0.02	50	0.5	0.02	0.3	0.12	<0.1
617634	Soil	2.4	3.6	9.23	32.2	0.003	3	0.22	0.014	0.03	<0.1	0.6	0.06	0.07	32	0.4	0.04	0.5	0.19	<0.1
617635	Soil	10.3	19.5	0.85	103.1	0.007	3	1.19	0.005	0.04	<0.1	1.4	0.10	0.09	71	0.4	0.03	2.7	0.70	<0.1
617636	Soil	16.3	12.2	1.87	108.9	0.003	4	0.72	0.004	0.05	<0.1	2.8	0.13	0.07	245	0.3	0.03	1.6	0.34	<0.1
617637	Soil	8.0	9.7	0.10	68.6	0.002	2	0.48	0.001	0.13	<0.1	4.5	0.09	<0.02	37	<0.1	0.04	1.6	1.32	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
617898	Soil	0.14	7.7	0.9	<0.05	1.3	9.98	41.5	0.04	<1	0.9	5.9	<10
617899	Soil	0.10	5.5	0.5	<0.05	1.6	12.25	29.9	0.04	<1	0.7	2.4	<10
617900	Soil	0.26	8.3	0.7	<0.05	1.2	12.54	25.5	0.03	<1	1.0	17.6	<10
617151	Soil	0.21	7.4	0.9	<0.05	2.0	13.64	22.9	0.03	<1	1.4	5.9	<10
617152	Soil	0.04	1.6	1.1	<0.05	0.5	2.66	3.9	<0.02	<1	0.1	1.2	<10
617153	Soil	0.03	1.1	1.2	<0.05	0.6	5.37	6.8	<0.02	<1	0.5	1.0	<10
617154	Soil	0.02	1.7	1.3	<0.05	0.5	8.23	11.0	<0.02	<1	0.4	1.0	<10
617155	Soil	0.08	2.2	1.2	<0.05	0.6	8.08	12.2	<0.02	<1	0.3	2.7	<10
617156	Soil	0.12	3.8	0.9	<0.05	0.5	5.41	9.3	<0.02	<1	0.4	4.0	<10
617617	Soil	0.11	7.7	0.8	<0.05	2.7	12.82	17.5	0.05	<1	1.1	13.0	<10
617618	Soil	0.06	12.2	0.9	<0.05	4.6	16.07	29.8	0.03	<1	1.3	13.8	<10
617619	Soil	0.08	2.8	1.8	<0.05	0.5	7.58	9.4	<0.02	<1	0.3	2.7	<10
617620	Soil	0.14	3.0	1.2	<0.05	0.9	12.70	14.5	<0.02	<1	0.4	2.7	<10
617621	Soil	0.04	2.1	1.1	<0.05	0.9	9.50	10.1	<0.02	<1	0.2	1.5	<10
617622	Soil	0.04	2.3	1.2	<0.05	0.4	7.44	10.3	<0.02	<1	0.3	2.2	<10
617623	Soil	0.06	3.7	1.2	<0.05	1.5	8.66	13.3	0.02	<1	0.4	2.7	<10
617624	Soil	0.07	3.3	2.1	<0.05	0.7	7.27	10.8	<0.02	<1	0.3	3.0	<10
617625	Soil	0.58	14.6	1.4	<0.05	0.4	4.79	19.3	0.03	<1	1.0	22.7	<10
617626	Soil	0.41	17.9	2.7	<0.05	0.8	16.46	26.1	0.04	<1	2.7	21.3	<10
617627	Soil	0.45	17.0	1.7	<0.05	0.9	5.46	22.0	0.03	<1	1.2	31.7	<10
617628	Soil	0.11	12.0	1.2	<0.05	2.0	6.05	22.8	0.06	<1	1.8	39.5	<10
617629	Soil	0.42	17.9	1.1	<0.05	1.2	4.06	17.3	0.03	<1	0.8	27.5	<10
617630	Soil	0.57	24.1	1.7	<0.05	1.6	3.44	15.5	0.04	<1	1.0	40.0	<10
617631	Soil	0.08	10.0	0.6	<0.05	4.4	15.34	22.8	0.04	<1	1.0	19.1	<10
617632	Soil	0.04	2.7	0.7	<0.05	1.6	11.18	15.9	0.05	<1	0.6	1.6	<10
617633	Soil	<0.02	0.9	0.6	<0.05	0.8	5.16	4.5	<0.02	<1	0.2	1.2	<10
617634	Soil	0.04	1.9	0.4	<0.05	0.9	5.36	5.1	<0.02	<1	0.2	1.6	<10
617635	Soil	0.24	6.1	0.8	<0.05	1.0	10.76	19.0	0.03	<1	0.9	8.0	<10
617636	Soil	0.09	4.4	1.0	<0.05	1.3	20.04	33.9	0.04	<1	0.7	3.1	<10
617637	Soil	0.07	6.8	0.5	<0.05	1.2	11.88	21.3	0.03	<1	1.1	3.0	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.01	ppm 0.01	ppm 0.01	ppm 0.1	ppb 2	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.1	ppm 0.1	ppb 0.2	ppm 0.1	ppm 0.5	ppm 0.01	ppm 0.02	ppm 0.02	ppm 2	% 0.01
617638	Soil	0.66	18.81	14.62	88.9	122	17.6	7.7	490	2.67	10.4	0.7	3.5	1.3	16.6	0.24	0.81	0.25	29	2.34
617639	Soil	0.71	54.52	31.43	75.3	52	26.9	14.6	3874	3.33	3.5	1.1	1.4	1.8	8.0	0.30	0.51	0.30	36	0.17
617640	Soil	0.64	26.16	22.21	73.1	32	26.2	13.8	699	3.71	4.6	0.7	1.5	2.5	4.7	0.09	0.40	0.31	39	0.04
617641	Soil	0.96	26.95	16.77	62.4	30	14.9	7.7	330	3.07	5.9	0.6	1.2	2.5	7.1	0.07	0.37	0.39	39	0.02
617642	Soil	0.59	29.49	38.42	90.7	55	24.4	22.1	1000	4.16	5.6	0.7	1.1	4.1	8.2	0.14	0.24	0.41	34	0.04
617643	Soil	0.50	21.45	46.03	121.7	48	21.6	21.1	1357	2.97	4.7	0.5	0.7	3.8	7.9	0.19	0.24	0.40	26	0.07
1266401	Soil	0.22	22.99	39.20	95.7	66	18.9	10.3	974	2.69	19.4	2.1	9.2	3.5	30.8	0.17	2.63	0.25	5	11.81
1266402	Soil	0.27	14.29	35.04	40.1	157	12.4	4.2	3675	4.47	15.4	1.9	22.9	0.5	22.0	0.22	3.13	0.13	6	9.75
1266403	Soil	0.04	2.64	5.20	35.2	8	8.3	2.9	1176	0.86	2.9	0.9	1.6	0.4	43.0	0.22	0.40	0.02	<2	18.89
1266404	Soil	0.76	17.87	34.18	35.4	169	24.4	7.4	2229	3.89	22.6	1.5	5.1	1.8	13.6	0.14	2.66	0.19	7	3.60
1266405	Soil	0.38	26.22	38.97	107.5	230	38.0	15.5	868	4.48	13.0	0.9	1.3	7.8	70.9	0.17	0.64	0.40	13	1.14
1266406	Soil	0.31	26.36	34.56	126.5	156	40.8	15.8	568	3.87	12.6	0.7	1.8	6.2	51.6	0.11	0.83	0.37	10	0.48
1266407	Soil	0.81	61.50	55.85	226.3	343	138.3	22.3	2782	7.00	8.2	4.0	1.5	9.0	168.5	0.95	0.38	0.32	13	0.83
1266408	Soil	0.63	38.32	51.41	71.1	562	42.2	14.0	392	3.89	10.2	1.0	1.8	3.4	60.6	0.19	0.42	0.41	9	1.12
1266409	Soil	0.57	35.64	47.77	112.0	342	50.4	18.3	719	4.66	7.8	1.1	1.0	4.0	55.7	0.14	0.30	0.38	15	0.91
617365	Soil	0.29	6.81	14.64	228.4	57	6.4	3.0	1821	1.68	5.3	0.9	1.6	0.1	42.6	0.44	0.71	0.07	4	12.99
617366	Soil	0.06	1.57	7.06	21.2	7	2.3	0.9	509	0.68	5.2	0.8	1.5	0.3	18.6	0.01	0.78	<0.02	<2	10.41
617367	Soil	0.15	4.95	8.08	51.2	44	3.9	2.4	852	1.03	4.7	0.5	1.5	0.2	31.2	0.12	0.82	0.14	4	14.09
617368	Soil	0.48	17.97	20.60	93.8	88	18.6	9.4	1127	2.79	12.1	0.6	3.8	1.1	21.3	0.20	1.16	0.23	21	5.20
617369	Soil	1.25	18.55	16.03	107.9	313	28.2	10.2	1574	3.03	12.1	0.8	4.0	2.3	21.3	0.50	1.07	0.20	43	3.08
617370	Soil	0.51	29.18	20.21	54.2	95	28.4	16.2	902	3.00	11.2	0.6	2.7	3.4	7.0	0.16	0.82	0.28	18	0.43
617371	Soil	0.56	27.97	17.60	79.4	102	21.0	23.0	1469	3.71	3.7	0.6	0.8	1.1	5.1	0.14	0.29	0.44	32	0.13
617372	Soil	0.38	25.44	20.47	93.2	28	37.3	19.5	878	4.52	1.0	0.7	1.5	3.6	4.2	0.11	0.26	0.30	38	0.03
617373	Soil	0.74	25.16	33.46	66.4	108	19.4	23.4	3420	4.55	3.5	0.7	1.2	0.8	5.4	0.23	0.33	0.31	37	0.05
617374	Soil	0.52	30.17	29.87	92.8	64	29.0	19.8	1111	3.78	5.1	0.6	0.7	3.4	11.6	0.09	0.27	0.39	31	0.09
617375	Soil	1.05	18.39	24.12	100.9	77	16.4	10.3	816	5.14	6.8	0.6	0.5	1.7	6.1	0.19	0.46	0.39	48	0.05
617376	Soil	1.08	30.34	23.83	98.6	70	13.9	13.8	1401	5.16	6.2	0.6	1.5	2.7	4.9	0.16	0.39	0.48	49	0.04
617378	Soil	0.78	16.36	20.59	84.2	150	17.4	12.0	556	4.08	5.3	0.5	0.8	3.7	6.9	0.14	0.34	0.36	45	0.05
617379	Soil	1.59	56.81	20.75	42.5	70	53.7	24.7	682	3.44	41.6	1.0	1.9	3.2	9.9	0.07	1.45	0.48	13	0.66
617380	Soil	1.23	47.86	37.39	145.8	182	42.4	31.1	1228	3.77	16.8	1.2	3.9	3.5	15.7	0.25	0.78	0.39	29	0.69



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
617638	Soil	10.3	18.6	1.41	81.9	0.011	3	1.08	0.007	0.07	<0.1	2.6	0.08	0.05	83	0.2	<0.02	2.9	0.64	<0.1
617639	Soil	7.7	30.7	0.38	165.6	0.009	2	1.77	0.004	0.09	0.2	3.2	0.13	0.05	43	0.3	0.06	4.6	2.94	<0.1
617640	Soil	4.0	34.0	0.44	129.3	0.009	2	1.95	0.003	0.12	0.1	2.7	0.16	0.03	35	0.3	<0.02	6.3	2.87	<0.1
617641	Soil	7.1	28.6	0.22	54.1	0.003	1	1.69	0.003	0.08	<0.1	2.4	0.13	0.03	23	0.3	0.04	7.0	2.01	<0.1
617642	Soil	7.3	36.8	0.35	102.8	0.003	<1	2.06	0.003	0.12	<0.1	3.3	0.10	<0.02	31	0.2	<0.02	7.6	2.04	<0.1
617643	Soil	5.6	26.7	0.33	156.8	0.003	2	1.82	0.001	0.19	<0.1	2.5	0.15	0.02	37	<0.1	<0.02	6.6	1.90	<0.1
1266401	Soil	4.0	6.8	6.04	20.8	<0.001	3	0.28	0.008	0.08	<0.1	2.4	0.12	<0.02	322	0.5	0.05	0.8	0.34	<0.1
1266402	Soil	5.4	9.4	5.19	106.6	0.004	4	0.45	0.012	0.05	<0.1	0.8	0.11	0.06	181	0.4	0.06	1.1	0.29	<0.1
1266403	Soil	1.6	2.5	9.70	8.5	<0.001	1	0.09	0.008	0.02	<0.1	1.0	0.03	<0.02	27	0.3	<0.02	0.1	0.06	<0.1
1266404	Soil	7.8	8.0	1.78	37.8	0.001	3	0.35	0.005	0.06	<0.1	2.8	0.08	0.03	254	0.6	<0.02	0.9	0.28	<0.1
1266405	Soil	22.4	18.9	0.33	69.3	0.003	4	1.28	0.006	0.13	<0.1	7.3	0.20	0.03	143	0.3	<0.02	3.1	2.29	<0.1
1266406	Soil	12.0	16.6	0.33	55.8	0.003	2	1.18	0.003	0.10	<0.1	6.4	0.20	0.03	181	0.2	<0.02	3.2	2.47	<0.1
1266407	Soil	11.5	22.6	0.19	246.0	0.001	3	5.24	0.011	0.09	<0.1	13.4	0.39	0.14	583	0.5	<0.02	2.2	2.89	<0.1
1266408	Soil	9.4	7.8	0.09	54.2	0.001	2	0.56	0.005	0.07	<0.1	4.5	0.11	0.06	263	0.4	0.07	0.8	0.96	<0.1
1266409	Soil	8.2	11.7	0.13	93.7	<0.001	4	0.92	0.009	0.12	<0.1	7.2	0.18	0.06	450	0.3	0.05	1.4	2.40	<0.1
617365	Soil	3.6	5.2	6.78	43.6	0.004	5	0.29	0.015	0.03	<0.1	0.5	0.05	0.04	274	0.5	<0.02	0.6	0.23	<0.1
617366	Soil	<0.5	1.1	5.93	13.5	<0.001	<1	0.04	0.005	<0.01	<0.1	0.2	0.04	<0.02	50	0.2	<0.02	0.1	0.03	<0.1
617367	Soil	1.9	3.1	7.55	25.9	0.003	4	0.18	0.011	0.02	<0.1	0.6	0.03	<0.02	55	0.4	<0.02	0.3	0.13	<0.1
617368	Soil	8.6	15.4	3.18	68.0	0.006	3	1.04	0.007	0.06	<0.1	2.3	0.09	0.04	91	0.4	0.04	2.5	0.70	<0.1
617369	Soil	15.2	23.5	2.07	202.6	0.017	3	1.41	0.010	0.07	0.2	3.2	0.13	0.03	97	0.4	<0.02	3.5	1.10	<0.1
617370	Soil	7.0	17.2	0.43	101.1	0.005	3	1.10	0.003	0.14	<0.1	4.2	0.11	0.02	38	0.2	0.04	3.2	2.19	<0.1
617371	Soil	3.6	30.2	0.38	103.9	0.012	2	1.81	0.005	0.20	<0.1	1.9	0.20	0.07	70	0.5	0.03	7.5	3.96	<0.1
617372	Soil	3.8	44.5	0.70	147.6	0.013	2	2.54	0.003	0.23	<0.1	3.3	0.20	0.03	28	0.2	0.02	8.8	3.81	<0.1
617373	Soil	4.8	34.7	0.29	158.3	0.012	2	1.86	0.004	0.17	<0.1	1.8	0.15	0.06	57	0.4	0.02	8.5	2.11	<0.1
617374	Soil	6.6	34.8	0.45	111.9	0.006	1	1.95	0.006	0.15	<0.1	3.2	0.11	0.03	29	0.1	<0.02	7.3	2.29	<0.1
617375	Soil	6.3	33.9	0.29	80.6	0.014	1	1.71	0.004	0.15	0.1	2.2	0.11	0.04	38	0.3	0.03	9.4	2.07	<0.1
617376	Soil	5.4	32.0	0.18	75.0	0.005	<1	1.72	0.005	0.10	<0.1	2.6	0.12	0.03	39	0.3	0.04	10.7	2.08	<0.1
617378	Soil	8.2	31.2	0.29	127.8	0.005	1	2.03	0.003	0.13	<0.1	2.3	0.12	<0.02	29	0.1	0.03	8.2	1.36	<0.1
617379	Soil	7.0	9.3	0.10	68.8	<0.001	3	0.46	0.003	0.15	<0.1	6.1	0.14	<0.02	209	<0.1	0.10	1.4	1.22	<0.1
617380	Soil	10.3	27.9	0.53	135.4	0.006	4	1.47	0.005	0.19	<0.1	5.4	0.24	0.03	101	0.4	0.02	5.1	3.06	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10
617638	Soil	0.36	6.8	1.1	<0.05	1.3	10.02	18.3	0.02	<1	0.6	8.7	<10
617639	Soil	0.30	15.1	1.5	<0.05	0.5	14.92	18.8	0.03	<1	2.2	16.9	<10
617640	Soil	0.53	20.8	1.0	<0.05	0.8	4.71	10.2	0.03	<1	1.3	26.6	<10
617641	Soil	0.46	16.2	1.6	<0.05	1.6	4.36	16.5	0.03	<1	0.6	15.1	<10
617642	Soil	0.27	14.4	0.9	<0.05	2.2	5.07	20.2	0.04	<1	1.5	33.6	<10
617643	Soil	0.19	22.4	1.0	<0.05	1.4	4.06	14.4	0.03	<1	1.2	26.5	<10
1266401	Soil	0.03	2.5	1.8	<0.05	1.7	8.05	8.5	<0.02	<1	0.3	1.2	<10
1266402	Soil	0.06	3.5	0.8	<0.05	1.0	11.97	10.7	<0.02	<1	0.4	2.2	<10
1266403	Soil	<0.02	0.6	0.6	<0.05	0.6	8.56	6.9	<0.02	<1	0.1	0.8	<10
1266404	Soil	0.03	2.9	0.9	<0.05	1.5	12.67	20.4	0.02	<1	0.4	1.4	<10
1266405	Soil	0.14	10.9	1.0	<0.05	3.9	23.92	57.1	0.04	<1	1.5	26.5	<10
1266406	Soil	0.19	9.1	1.1	<0.05	2.3	18.14	33.6	0.04	2	1.3	33.2	<10
1266407	Soil	0.04	7.6	1.6	<0.05	9.7	42.05	42.2	0.06	<1	3.0	240.2	<10
1266408	Soil	0.06	4.9	0.6	<0.05	2.7	18.58	24.7	0.06	<1	1.2	4.5	<10
1266409	Soil	0.02	9.0	0.9	<0.05	3.5	23.92	23.3	0.05	<1	1.7	10.5	<10
617365	Soil	0.06	2.1	1.2	<0.05	0.5	5.66	7.3	<0.02	<1	0.4	1.9	<10
617366	Soil	<0.02	0.2	0.5	<0.05	0.6	1.62	1.5	<0.02	<1	0.1	0.2	<10
617367	Soil	0.06	1.2	0.9	<0.05	0.7	3.75	3.9	<0.02	<1	0.2	0.9	<10
617368	Soil	0.19	6.3	0.8	<0.05	1.8	10.50	15.9	0.03	<1	0.9	6.6	<10
617369	Soil	0.36	9.6	0.8	<0.05	1.0	11.12	28.1	0.02	1	0.8	11.5	<10
617370	Soil	0.19	10.1	1.2	<0.05	2.3	10.99	16.8	0.03	<1	1.2	11.0	<10
617371	Soil	0.39	36.6	3.3	<0.05	0.6	3.09	9.4	0.04	<1	0.7	16.8	<10
617372	Soil	0.63	30.9	1.6	<0.05	2.1	3.88	10.4	0.04	<1	1.6	36.3	<10
617373	Soil	0.40	25.0	1.5	<0.05	0.3	3.91	11.8	0.03	<1	0.8	13.0	<10
617374	Soil	0.39	16.2	1.0	<0.05	0.9	4.13	17.1	0.03	<1	1.2	30.3	<10
617375	Soil	0.68	21.5	1.5	<0.05	0.2	2.86	13.8	0.03	<1	0.6	16.5	<10
617376	Soil	0.48	23.0	2.0	<0.05	0.7	3.76	12.4	0.05	<1	0.5	8.3	<10
617378	Soil	0.64	22.5	1.5	<0.05	1.0	2.69	17.3	0.03	<1	0.7	35.5	<10
617379	Soil	0.04	6.0	0.7	<0.05	1.1	10.19	14.8	0.04	<1	1.5	2.2	<10
617380	Soil	0.21	15.3	1.9	<0.05	2.0	15.08	23.1	0.04	<1	1.5	17.2	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
617381	Soil	0.42	16.65	29.48	60.2	39	21.7	19.8	3051	3.35	1.8	0.6	1.5	1.9	3.1	0.15	0.41	0.37	32	0.04	0.061
617382	Soil	0.56	21.04	16.63	75.3	34	13.2	11.8	1378	3.44	2.4	0.5	1.1	1.7	3.6	0.21	0.29	0.25	30	0.06	0.063
617383	Soil	0.45	34.19	47.49	80.9	46	35.3	33.2	1397	3.99	4.8	0.8	1.2	3.8	13.0	0.07	0.15	0.39	28	0.08	0.034
617384	Soil	0.55	22.60	24.26	92.9	41	24.1	22.0	2136	4.07	2.9	0.5	0.7	2.2	6.1	0.28	0.28	0.32	34	0.05	0.050
617385	Soil	0.39	21.21	19.54	98.3	105	17.6	17.0	866	4.26	2.9	0.4	0.9	1.3	6.1	0.24	0.21	0.33	35	0.06	0.058
617386	Soil	0.41	22.79	19.49	87.9	68	17.6	11.6	517	4.77	5.3	0.5	0.9	3.0	4.5	0.28	0.16	0.39	35	0.02	0.044
617387	Soil	0.39	30.83	26.44	84.3	28	27.3	15.9	498	4.38	4.0	0.6	0.5	3.8	4.3	0.07	0.14	0.33	34	0.03	0.030
617388	Soil	0.73	27.81	25.38	81.9	35	26.1	17.6	673	4.04	6.1	0.5	0.3	3.5	5.3	0.07	0.32	0.34	32	0.02	0.028
617389	Soil	0.56	27.64	34.94	82.4	52	26.4	23.2	1572	3.71	6.2	0.5	0.6	2.9	4.9	0.06	0.23	0.39	19	0.05	0.031
617390	Soil	0.36	21.26	24.84	108.0	59	29.9	17.1	575	4.09	2.1	0.6	<0.2	3.9	7.8	0.05	0.12	0.30	35	0.11	0.049
617391	Soil	0.14	8.09	21.07	31.3	73	6.5	3.5	2452	2.98	18.5	1.2	7.9	0.6	31.1	0.13	1.62	<0.02	3	14.45	0.136
617392	Soil	0.14	5.37	11.67	18.6	41	4.5	3.0	2221	1.92	6.8	0.8	1.7	0.3	27.9	0.12	0.83	<0.02	4	15.85	0.115
617393	Soil	0.61	17.02	38.80	32.9	127	16.5	5.8	109	1.55	12.1	0.8	0.4	3.8	8.6	0.02	1.92	0.33	6	0.28	0.025
617394	Soil	0.47	14.60	26.94	54.2	106	21.2	6.8	1075	2.63	19.2	1.4	2.9	2.4	24.7	0.12	2.15	0.16	10	7.64	0.120
617395	Soil	0.84	23.09	24.18	99.4	213	29.0	10.5	593	3.30	12.1	1.4	0.7	1.6	77.7	0.27	0.76	0.25	22	1.49	0.100
617396	Soil	0.73	29.55	37.60	123.5	201	38.3	13.9	428	3.67	10.2	1.0	1.3	3.7	58.7	0.16	0.60	0.31	10	2.02	0.073
617397	Soil	0.98	23.07	25.79	98.9	119	23.2	9.9	368	3.67	9.3	0.4	<0.2	0.4	9.5	0.13	0.50	0.34	26	0.10	0.057
617398	Soil	0.99	35.51	49.51	224.2	98	55.9	36.2	1463	5.04	8.6	1.0	0.4	2.1	9.6	0.19	0.42	0.34	15	0.03	0.098
617399	Soil	0.90	49.63	57.86	127.8	183	47.2	23.1	709	6.56	11.0	1.0	0.2	4.9	15.9	0.15	0.50	0.37	19	0.04	0.079
617400	Soil	0.55	27.22	18.96	56.2	57	28.6	15.3	643	2.73	23.6	1.0	2.8	1.4	10.5	0.11	1.69	0.28	18	1.80	0.064
617439	Soil	0.41	29.25	40.59	87.6	113	27.9	13.2	557	4.14	7.1	0.7	<0.2	3.4	15.4	0.10	0.25	0.26	10	0.15	0.043
617440	Soil	0.50	39.96	39.34	155.8	169	62.2	29.1	1471	4.60	5.6	0.9	<0.2	6.3	73.7	0.28	0.29	0.29	8	1.14	0.049
617441	Soil	0.58	29.44	39.31	131.0	134	44.9	19.4	607	4.39	6.4	1.0	<0.2	4.6	13.6	0.20	0.27	0.29	13	0.09	0.051
617442	Soil	0.31	21.45	30.55	115.9	91	28.7	14.2	811	3.97	6.2	0.7	<0.2	3.3	39.7	0.14	0.18	0.33	11	0.34	0.073
617443	Soil	0.54	21.88	37.70	123.5	176	28.6	10.9	1306	4.01	16.2	1.1	1.7	1.4	40.3	0.27	1.12	0.26	14	3.07	0.116
617444	Soil	0.80	15.40	26.97	130.8	127	17.9	7.8	4521	6.85	33.3	1.6	3.7	0.9	12.2	0.71	1.72	0.14	23	1.97	0.190
617445	Soil	0.05	1.51	3.69	7.8	11	0.9	0.9	741	0.72	5.0	0.8	<0.2	0.2	36.9	0.05	0.40	<0.02	<2	16.23	0.045
617446	Soil	0.46	14.85	25.89	50.3	149	13.2	5.9	4269	6.07	22.6	1.8	3.0	0.7	18.8	0.28	1.74	0.08	11	6.69	0.185
617447	Soil	0.13	3.91	8.35	19.4	29	2.7	2.0	2219	1.81	5.1	0.9	<0.2	0.2	30.9	0.14	0.65	<0.02	3	16.61	0.104
617448	Soil	0.19	4.72	10.49	25.7	31	4.6	2.8	1428	1.28	10.8	0.9	0.6	0.2	33.9	0.11	1.51	<0.02	4	15.43	0.102



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.02
617381	Soil	1.6	28.5	0.29	122.6	0.008	2	1.33	0.004	0.12	0.2	2.0	0.17	0.05	49	0.2	0.06	4.5	2.08	<0.1
617382	Soil	2.9	29.0	0.22	86.1	0.005	1	1.46	0.003	0.11	<0.1	1.9	0.13	0.04	36	0.3	0.04	6.2	2.35	<0.1
617383	Soil	7.0	40.0	0.67	106.1	0.004	<1	2.02	0.004	0.09	<0.1	5.7	0.13	<0.02	21	0.1	<0.02	7.9	2.49	<0.1
617384	Soil	3.9	31.5	0.32	239.0	0.009	1	1.74	0.003	0.19	<0.1	2.5	0.17	0.02	28	0.2	0.06	7.7	1.57	<0.1
617385	Soil	4.3	33.9	0.29	114.2	0.007	<1	1.58	0.004	0.18	<0.1	2.0	0.12	0.02	18	0.2	0.05	8.2	1.86	<0.1
617386	Soil	4.3	35.6	0.28	57.8	0.003	<1	1.80	0.003	0.07	<0.1	2.6	0.09	0.02	43	0.3	0.03	8.2	1.86	<0.1
617387	Soil	4.8	39.1	0.38	79.1	0.002	<1	2.14	0.002	0.08	<0.1	3.8	0.11	<0.02	23	0.1	0.02	8.0	2.62	<0.1
617388	Soil	5.4	35.0	0.35	71.9	0.004	<1	1.86	0.001	0.09	<0.1	3.1	0.12	<0.02	25	0.3	0.04	6.7	2.53	<0.1
617389	Soil	3.2	24.4	0.29	106.7	0.001	1	1.86	<0.001	0.11	<0.1	4.5	0.18	<0.02	34	0.2	0.05	5.2	2.26	<0.1
617390	Soil	6.5	43.6	0.60	264.6	0.010	1	2.10	0.001	0.22	<0.1	2.9	0.19	0.02	21	0.1	0.03	8.6	2.49	<0.1
617391	Soil	3.0	4.1	7.80	42.3	0.002	3	0.18	0.010	0.02	<0.1	0.8	0.06	0.04	102	0.6	0.05	0.5	0.10	<0.1
617392	Soil	3.9	4.6	8.88	51.6	0.003	3	0.23	0.010	0.02	<0.1	0.5	0.08	0.04	77	0.4	0.04	0.5	0.13	<0.1
617393	Soil	4.1	6.6	0.16	8.8	<0.001	<1	0.17	0.003	0.08	<0.1	2.1	0.09	0.10	329	0.3	0.03	0.9	0.27	<0.1
617394	Soil	4.0	10.0	3.89	29.6	0.002	2	0.30	0.005	0.06	<0.1	2.9	0.10	0.03	172	0.4	0.03	1.0	0.20	<0.1
617395	Soil	15.9	15.7	0.23	205.0	0.004	2	1.03	0.004	0.05	<0.1	2.6	0.11	0.07	116	0.8	0.03	2.6	0.50	<0.1
617396	Soil	6.9	13.1	0.88	113.7	0.002	3	0.79	0.004	0.09	<0.1	4.3	0.16	0.04	96	0.5	0.03	2.1	1.49	<0.1
617397	Soil	3.4	10.8	0.06	67.1	0.005	2	0.59	0.003	0.08	<0.1	0.9	0.12	0.04	27	0.3	0.08	3.0	1.91	<0.1
617398	Soil	3.0	13.1	0.09	75.3	0.003	1	1.31	0.001	0.06	<0.1	3.3	0.18	0.07	48	0.5	0.07	2.3	2.88	<0.1
617399	Soil	3.3	23.1	0.18	79.9	0.003	2	1.66	0.002	0.07	<0.1	6.6	0.22	0.06	35	0.5	0.08	3.1	5.15	<0.1
617400	Soil	6.8	13.1	0.87	45.3	0.002	3	0.55	0.002	0.09	<0.1	4.1	0.08	0.04	62	0.3	0.05	1.7	0.19	<0.1
617439	Soil	6.1	12.7	0.15	104.8	0.001	2	0.87	0.002	0.08	<0.1	3.5	0.17	0.02	24	0.3	0.03	2.1	2.03	<0.1
617440	Soil	6.5	13.9	0.26	147.0	0.002	3	1.06	0.004	0.09	<0.1	5.3	0.22	0.17	38	0.5	0.04	2.1	1.88	<0.1
617441	Soil	7.3	16.2	0.23	131.8	0.003	2	1.37	0.003	0.09	<0.1	4.0	0.19	0.03	35	0.4	<0.02	2.8	2.66	<0.1
617442	Soil	11.8	15.4	0.20	161.4	0.003	2	1.21	0.003	0.11	<0.1	4.2	0.15	0.03	29	0.3	0.04	3.4	1.97	<0.1
617443	Soil	9.8	13.1	1.41	95.7	0.002	4	0.80	0.006	0.08	<0.1	2.8	0.15	0.08	315	0.6	0.06	2.0	0.97	<0.1
617444	Soil	8.2	18.5	0.56	165.3	0.006	3	1.17	0.008	0.04	<0.1	1.6	0.15	0.17	252	0.6	0.07	2.8	0.63	<0.1
617445	Soil	1.1	1.5	9.23	26.8	0.002	2	0.08	0.011	<0.01	<0.1	0.3	0.05	<0.02	33	0.3	<0.02	0.2	0.07	<0.1
617446	Soil	7.5	11.2	3.41	100.9	0.005	3	0.79	0.009	0.03	<0.1	1.2	0.11	0.10	219	0.6	0.08	1.5	0.28	<0.1
617447	Soil	3.2	3.4	9.33	73.1	0.002	3	0.23	0.013	0.02	<0.1	0.4	0.07	0.04	31	0.5	<0.02	0.6	0.11	<0.1
617448	Soil	2.3	3.7	8.60	57.5	0.003	3	0.22	0.012	0.02	<0.1	0.4	0.13	0.04	52	0.4	<0.02	0.5	0.12	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm 0.02	ppm 0.1	ppm 0.1	ppm 0.05	ppm 0.1	ppm 0.01	ppm 0.1	ppm 0.02	ppb 1	ppm 0.1	ppm 0.1	ppb 10
617381	Soil	0.49	15.6	1.1	<0.05	0.6	2.56	6.2	0.04	<1	0.9	11.1	<10
617382	Soil	0.47	18.6	1.3	<0.05	0.8	2.66	7.8	0.03	<1	0.7	14.0	<10
617383	Soil	0.14	10.5	1.4	<0.05	1.5	9.15	34.6	0.04	<1	1.4	36.7	<10
617384	Soil	0.71	25.7	1.4	<0.05	0.7	3.16	10.5	0.04	<1	1.0	19.3	<10
617385	Soil	0.41	21.3	1.3	<0.05	0.2	2.94	10.9	0.04	2	0.7	15.1	<10
617386	Soil	0.39	15.4	1.1	<0.05	1.6	3.50	10.9	0.04	<1	0.8	18.3	<10
617387	Soil	0.22	14.5	1.9	<0.05	2.0	4.66	14.1	0.05	<1	1.4	36.8	<10
617388	Soil	0.34	13.5	0.9	<0.05	1.9	4.10	14.8	0.04	<1	1.0	34.4	<10
617389	Soil	0.13	17.1	1.3	<0.05	1.9	6.04	12.6	0.03	<1	1.6	28.4	<10
617390	Soil	0.71	25.6	3.1	<0.05	1.2	5.07	21.6	0.04	<1	1.2	40.2	<10
617391	Soil	0.04	1.1	1.2	<0.05	1.4	7.21	7.0	<0.02	<1	0.2	1.0	<10
617392	Soil	0.03	1.4	1.6	<0.05	0.6	6.99	7.6	<0.02	<1	0.2	1.6	<10
617393	Soil	<0.02	3.4	1.2	<0.05	3.1	3.63	12.0	0.03	<1	0.1	0.8	<10
617394	Soil	0.06	2.5	1.8	<0.05	1.6	9.90	10.6	<0.02	<1	0.3	1.9	<10
617395	Soil	0.24	6.1	0.7	<0.05	1.5	14.91	39.2	0.03	<1	1.0	9.5	<10
617396	Soil	0.11	6.2	2.6	<0.05	3.5	13.35	20.0	0.04	1	1.1	19.1	<10
617397	Soil	0.15	13.7	1.1	<0.05	0.2	2.71	7.7	0.03	1	0.4	2.9	<10
617398	Soil	0.15	9.0	3.7	<0.05	2.3	9.18	11.0	0.06	1	1.6	12.8	<10
617399	Soil	0.14	8.2	1.2	<0.05	2.9	9.54	10.7	0.06	<1	1.4	27.4	<10
617400	Soil	0.11	3.7	1.5	<0.05	2.3	11.07	15.6	0.06	<1	0.6	2.4	<10
617439	Soil	0.05	6.8	1.6	<0.05	1.4	9.23	19.9	0.04	<1	0.8	15.6	<10
617440	Soil	0.03	6.7	1.2	<0.05	3.9	16.92	26.5	0.04	<1	1.4	40.4	<10
617441	Soil	0.17	8.9	1.0	<0.05	2.3	11.81	26.6	0.04	1	1.2	32.5	<10
617442	Soil	0.17	13.3	0.7	<0.05	1.6	15.33	46.8	0.04	<1	1.3	26.0	<10
617443	Soil	0.11	6.0	0.7	<0.05	1.7	14.41	23.6	0.04	<1	1.1	8.5	<10
617444	Soil	0.24	5.2	0.5	<0.05	1.7	11.65	18.5	0.03	<1	0.7	5.6	<10
617445	Soil	<0.02	0.7	1.1	<0.05	0.6	3.40	2.5	<0.02	<1	0.1	0.9	<10
617446	Soil	0.12	3.0	0.6	<0.05	1.2	13.64	15.7	<0.02	<1	0.4	3.8	<10
617447	Soil	0.02	1.1	1.1	<0.05	0.5	5.86	6.5	<0.02	<1	0.3	1.7	<10
617448	Soil	0.02	1.5	1.0	<0.05	0.7	5.27	5.4	<0.02	<1	0.2	1.6	<10



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
617449	Soil	0.21	27.75	56.61	93.5	216	28.6	20.8	589	2.85	22.0	1.4	0.9	6.5	9.3	0.21	1.91	0.37	7	1.99
617450	Soil	0.52	9.31	19.02	52.6	75	7.0	4.0	2268	1.63	7.4	0.8	0.3	0.2	36.3	0.26	1.19	0.04	7	11.36



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
617449	Soil	4.7	7.3	0.97	46.0	<0.001	4	0.65	0.004	0.14	<0.1	5.9	0.12	0.04	484	0.4	0.14	1.3	0.31	<0.1
617450	Soil	4.5	6.9	5.87	108.5	0.003	6	0.48	0.013	0.03	<0.1	0.6	0.10	0.09	58	0.4	0.05	1.0	0.25	<0.1



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		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
617449	Soil	0.06	3.5	1.8	<0.05	4.0	13.57	12.0	0.03	<1	1.2	4.4	<10
617450	Soil	0.08	2.5	3.3	<0.05	0.8	6.52	9.9	<0.02	<1	0.4	2.4	<10



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QUALITY CONTROL REPORT

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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
Pulp Duplicates																				
1266770	Soil	0.24	25.95	11.47	90.5	40	34.8	11.2	133	2.67	2.4	1.5	1.9	3.4	23.1	0.09	0.16	0.32	15	0.98
REP 1266770	QC	0.25	26.39	11.67	91.4	35	35.0	11.2	136	2.69	2.4	1.5	2.1	3.7	22.5	0.10	0.14	0.24	15	1.00
617612	Soil	0.76	16.04	26.03	90.8	129	15.7	7.5	1750	4.07	19.0	1.9	2.5	1.4	19.2	0.43	2.97	0.26	31	1.95
REP 617612	QC	0.73	15.42	25.85	86.6	118	15.3	7.2	1734	3.98	18.5	1.9	2.2	1.4	18.4	0.42	2.88	0.24	29	1.98
617798	Soil	1.14	36.74	37.07	72.2	78	35.0	19.8	990	3.51	19.9	1.5	2.6	2.3	35.2	0.16	1.10	0.36	14	2.32
REP 617798	QC	1.11	35.46	35.74	71.1	69	35.0	19.0	970	3.49	19.6	1.5	2.9	2.5	34.1	0.13	1.07	0.35	14	2.30
1098499	Soil	0.73	31.75	60.18	124.9	93	24.1	18.7	1424	4.98	6.0	0.9	0.7	2.0	7.0	0.35	0.37	0.45	48	0.05
REP 1098499	QC	0.74	32.21	60.75	120.8	101	24.3	19.5	1408	4.89	6.3	0.9	0.9	1.9	6.8	0.33	0.36	0.44	46	0.05
617860	Soil	0.64	25.47	49.46	85.7	96	29.0	42.6	3534	4.59	5.1	0.9	0.8	4.4	9.6	0.14	0.31	0.46	35	0.07
REP 617860	QC	0.64	24.59	46.78	83.6	91	29.7	40.8	3510	4.47	5.4	0.9	<0.2	4.2	9.7	0.09	0.29	0.47	34	0.07
617108	Soil	0.59	32.40	21.47	28.6	81	27.0	29.7	352	2.74	27.4	0.8	<0.2	3.2	4.6	0.04	1.00	0.40	11	0.19
REP 617108	QC	0.66	31.49	20.55	28.5	78	26.7	29.3	336	2.66	26.9	0.8	<0.2	3.5	4.7	0.03	0.99	0.38	12	0.19
617112	Soil	0.86	37.81	32.81	103.0	47	35.5	25.7	1557	4.67	5.3	0.8	1.5	3.3	5.8	0.17	0.37	0.38	37	0.04
REP 617112	QC	0.82	36.47	31.57	101.5	46	35.6	25.2	1540	4.68	5.3	0.8	1.4	3.3	5.9	0.16	0.35	0.39	38	0.03
617138	Soil	1.05	23.15	37.15	79.7	136	27.0	16.4	1465	4.14	7.1	0.8	1.5	1.4	7.8	0.25	0.59	0.32	40	0.08
REP 617138	QC	0.99	22.68	37.69	78.9	125	27.3	16.2	1473	4.14	6.8	0.8	1.0	1.9	7.4	0.22	0.60	0.31	40	0.08
617148	Soil	0.77	22.90	29.95	132.9	120	24.5	19.6	1094	4.77	4.5	0.6	0.7	3.9	5.7	0.16	0.32	0.46	35	0.03
REP 617148	QC	0.78	23.87	30.04	133.1	119	26.0	21.7	1120	4.89	4.5	0.7	1.2	3.9	6.0	0.17	0.32	0.47	34	0.06
617572	Soil	0.33	8.37	12.54	130.5	74	14.2	6.5	1648	2.42	11.9	1.3	1.1	0.5	26.8	0.16	2.18	0.09	6	15.05
REP 617572	QC	0.35	8.53	13.32	134.2	71	14.4	6.8	1752	2.46	12.0	1.4	0.7	0.5	27.9	0.15	2.28	0.10	7	16.18
617915	Soil	0.92	32.97	24.83	113.8	46	25.4	13.9	840	3.18	7.8	0.6	5.0	1.3	6.2	0.21	0.58	0.27	32	0.08
REP 617915	QC	0.97	32.44	24.64	109.6	43	24.1	13.5	819	3.14	7.5	0.6	2.1	1.2	6.1	0.25	0.55	0.28	32	0.08
617929	Soil	1.21	35.19	22.07	60.1	67	16.3	10.7	1190	2.82	5.9	0.7	1.6	0.4	7.8	0.13	0.58	0.30	40	0.21
REP 617929	QC	1.25	35.60	22.23	63.5	71	16.3	10.7	1218	2.82	6.2	0.7	2.3	0.4	7.8	0.12	0.59	0.31	40	0.23
1097662	Soil	0.64	30.71	28.79	73.5	140	18.5	20.0	1732	4.88	4.8	0.8	1.1	2.3	5.6	0.18	0.39	0.37	32	0.06
REP 1097662	QC	0.71	32.71	29.99	78.2	138	19.4	20.9	1830	5.15	5.4	0.8	1.2	2.2	6.2	0.22	0.47	0.40	35	0.07
1097679	Soil	0.51	17.13	27.72	90.2	196	23.5	9.1	2338	4.80	14.5	1.2	2.6	1.9	20.1	0.29	1.13	0.21	17	5.94
REP 1097679	QC	0.51	18.04	28.74	95.6	216	24.1	9.4	2374	4.96	14.9	1.3	2.7	1.9	21.1	0.30	1.17	0.21	17	6.17



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Part 2

QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
Pulp Duplicates																			
1266770	Soil	18.6	35.2	1.18	208.7	0.003	5	1.46	0.002	0.10	<0.1	4.5	0.07	0.05	27	0.3	0.02	4.1	1.17
REP 1266770	QC	18.2	35.9	1.19	214.6	0.002	4	1.46	0.003	0.09	<0.1	4.5	0.06	0.05	20	0.3	<0.02	4.3	0.95
617612	Soil	13.4	22.9	0.77	148.0	0.008	3	1.26	0.005	0.06	<0.1	2.5	0.15	0.10	156	0.4	0.04	3.5	0.96
REP 617612	QC	12.8	21.6	0.78	144.6	0.007	3	1.21	0.005	0.05	0.1	2.4	0.13	0.10	141	0.3	0.06	3.4	0.88
617798	Soil	8.0	11.9	0.86	86.3	<0.001	4	0.60	0.004	0.11	<0.1	5.2	0.35	0.05	97	0.2	0.05	1.6	0.32
REP 617798	QC	7.8	12.2	0.85	85.1	<0.001	4	0.61	0.004	0.11	<0.1	5.3	0.34	0.05	98	0.2	0.06	1.5	0.34
1098499	Soil	6.5	40.3	0.38	192.8	0.008	1	2.23	0.002	0.15	<0.1	2.4	0.15	0.05	26	0.3	0.02	9.0	2.39
REP 1098499	QC	6.2	39.8	0.38	188.0	0.008	1	2.20	0.002	0.14	<0.1	2.4	0.15	0.05	32	0.2	0.03	9.0	2.36
617860	Soil	7.2	34.9	0.39	216.6	0.006	2	1.92	0.008	0.17	<0.1	4.0	0.20	0.03	71	0.1	0.02	7.4	4.27
REP 617860	QC	7.1	34.1	0.37	211.3	0.006	3	1.92	0.008	0.17	<0.1	3.8	0.19	0.03	50	<0.1	0.04	7.3	4.20
617108	Soil	6.8	10.6	0.12	54.1	0.001	3	0.62	0.003	0.20	<0.1	7.3	0.17	0.05	45	<0.1	0.03	2.3	3.53
REP 617108	QC	7.4	10.6	0.12	54.8	0.002	4	0.65	0.003	0.23	<0.1	7.5	0.17	0.05	58	<0.1	0.02	2.5	5.33
617112	Soil	5.6	41.4	0.66	106.4	0.004	<1	2.37	0.006	0.12	<0.1	4.8	0.13	0.02	19	0.2	0.03	8.0	2.06
REP 617112	QC	5.7	40.4	0.66	105.9	0.005	<1	2.37	0.007	0.12	<0.1	4.8	0.13	0.02	14	0.2	0.02	7.8	2.16
617138	Soil	9.7	31.9	0.45	96.4	0.014	1	1.69	0.003	0.12	0.1	2.2	0.11	0.04	51	0.2	0.02	5.1	1.52
REP 617138	QC	9.3	30.7	0.44	91.7	0.011	<1	1.66	0.003	0.11	0.1	2.3	0.10	0.04	54	0.2	0.05	5.1	1.40
617148	Soil	6.1	39.1	0.38	100.7	0.006	3	2.41	<0.001	0.16	<0.1	2.9	0.12	0.03	35	0.6	<0.02	7.6	2.20
REP 617148	QC	6.2	40.5	0.39	107.3	0.008	2	2.29	<0.001	0.16	<0.1	3.1	0.12	0.02	44	0.6	<0.02	7.9	2.33
617572	Soil	3.8	7.3	7.21	65.0	0.003	3	0.49	0.009	0.03	<0.1	1.0	0.13	<0.02	61	0.5	<0.02	1.1	0.52
REP 617572	QC	4.0	7.5	7.60	69.0	0.003	4	0.53	0.010	0.04	<0.1	1.1	0.14	<0.02	59	0.4	<0.02	1.2	0.64
617915	Soil	5.5	29.0	0.46	138.8	0.008	<1	1.56	0.004	0.06	0.2	2.2	0.08	0.03	28	0.1	0.06	4.8	2.03
REP 617915	QC	5.4	28.0	0.44	138.6	0.008	<1	1.49	0.004	0.06	0.2	1.9	0.08	0.03	18	0.2	0.05	4.9	1.92
617929	Soil	5.0	23.6	0.26	133.1	0.006	<1	1.44	0.003	0.05	0.1	0.9	0.11	0.06	38	0.3	0.05	5.2	1.87
REP 617929	QC	4.9	23.5	0.26	135.7	0.006	<1	1.47	0.003	0.05	0.1	1.0	0.11	0.06	54	0.2	0.04	5.4	1.82
1097662	Soil	4.1	36.5	0.26	87.7	0.005	<1	1.76	0.004	0.08	<0.1	2.9	0.11	0.05	40	0.3	0.04	7.3	2.30
REP 1097662	QC	4.8	39.1	0.29	93.7	0.010	1	1.87	0.005	0.10	<0.1	3.1	0.14	0.05	34	0.3	0.04	7.8	3.00
1097679	Soil	8.7	14.4	3.46	92.9	0.004	3	0.86	0.005	0.05	<0.1	2.8	0.13	0.03	140	0.4	0.03	1.9	0.72
REP 1097679	QC	8.9	14.1	3.54	94.9	0.003	3	0.86	0.005	0.05	<0.1	2.7	0.14	0.03	143	0.4	<0.02	1.9	0.70



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Part 3

QUALITY CONTROL REPORT

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Method Analyte Unit MDL		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
Pulp Duplicates													
1266770	Soil	0.17	7.1	0.9	<0.05	3.8	16.16	35.2	0.02	<1	0.9	31.9	<10
REP 1266770	QC	0.16	6.5	0.8	<0.05	4.2	16.19	34.3	0.02	<1	1.0	32.5	<10
617612	Soil	0.49	7.1	0.9	<0.05	1.1	10.46	26.1	0.03	<1	0.6	16.0	<10
REP 617612	QC	0.73	6.3	1.0	<0.05	1.5	9.94	25.3	0.03	1	0.6	15.2	<10
617798	Soil	0.12	5.2	1.6	<0.05	1.6	12.71	19.4	0.04	<1	1.0	4.9	<10
REP 617798	QC	0.11	5.8	1.6	<0.05	1.5	12.21	18.7	0.04	<1	0.8	4.9	<10
1098499	Soil	0.63	23.3	2.9	<0.05	0.9	5.92	17.5	0.04	<1	1.3	31.9	<10
REP 1098499	QC	0.62	23.5	3.3	<0.05	0.7	5.90	16.5	0.04	<1	1.2	31.1	<10
617860	Soil	0.40	25.8	2.4	<0.05	1.4	6.35	24.9	0.04	<1	2.1	32.9	<10
REP 617860	QC	0.42	26.2	2.2	<0.05	2.0	6.01	24.3	0.06	<1	2.1	31.9	<10
617108	Soil	0.10	12.8	2.8	<0.05	1.5	11.89	26.5	0.04	1	1.6	2.4	<10
REP 617108	QC	0.11	15.8	2.2	<0.05	1.7	11.88	27.2	0.03	<1	1.7	2.5	<10
617112	Soil	0.36	13.8	1.6	<0.05	2.8	7.20	16.5	0.04	<1	1.4	37.3	<10
REP 617112	QC	0.39	14.0	1.5	<0.05	3.0	7.18	16.7	0.04	<1	1.6	37.4	<10
617138	Soil	0.66	10.9	1.5	<0.05	0.2	4.09	32.2	0.04	<1	1.0	21.4	<10
REP 617138	QC	0.68	10.3	1.5	<0.05	0.4	4.05	31.1	0.04	<1	1.1	22.1	<10
617148	Soil	0.51	18.9	2.3	<0.05	1.9	3.73	14.6	0.04	<1	1.4	39.2	<10
REP 617148	QC	0.63	20.2	2.5	<0.05	1.9	3.84	14.5	0.04	<1	1.9	41.0	<10
617572	Soil	0.09	4.1	0.9	<0.05	0.8	7.36	7.9	<0.02	<1	0.5	4.7	<10
REP 617572	QC	0.09	4.5	0.8	<0.05	0.8	7.44	8.5	<0.02	<1	0.6	4.8	<10
617915	Soil	0.40	9.1	1.3	<0.05	0.6	4.58	17.5	0.04	<1	1.1	26.4	<10
REP 617915	QC	0.42	8.6	1.3	<0.05	0.5	4.34	16.8	0.03	<1	1.0	25.7	<10
617929	Soil	0.49	9.7	2.6	<0.05	0.5	5.88	10.6	0.03	<1	1.0	12.6	<10
REP 617929	QC	0.52	9.6	2.0	<0.05	0.5	5.95	10.3	0.03	<1	1.1	12.9	<10
1097662	Soil	0.63	12.1	2.3	<0.05	1.4	4.49	11.4	0.04	<1	1.1	15.7	<10
REP 1097662	QC	0.63	14.9	2.3	<0.05	0.9	5.02	12.9	0.04	1	1.1	17.0	<10
1097679	Soil	0.12	5.3	0.6	<0.05	1.7	14.08	22.2	0.02	2	0.7	12.3	<10
REP 1097679	QC	0.13	5.2	0.5	<0.05	1.9	14.62	23.2	0.03	<1	0.7	12.7	<10



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Part 1

QUALITY CONTROL REPORT

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		1F15 Mo ppm 0.01	1F15 Cu ppm 0.01	1F15 Pb ppm 0.01	1F15 Zn ppm 0.1	1F15 Ag ppb 2	1F15 Ni ppm 0.1	1F15 Co ppm 0.1	1F15 Mn ppm 1	1F15 Fe % 0.01	1F15 As ppm 0.1	1F15 U ppm 0.1	1F15 Au ppb 0.2	1F15 Th ppm 0.1	1F15 Sr ppm 0.5	1F15 Cd ppm 0.01	1F15 Sb ppm 0.02	1F15 Bi ppm 0.02	1F15 V ppm 2	1F15 Ca % 0.01	1F15 P % 0.001
1097691	Soil	0.96	20.63	18.56	103.5	141	19.7	13.7	1088	4.32	3.9	0.6	0.5	0.7	6.3	0.29	0.40	0.39	45	0.12	0.067
REP 1097691	QC	0.86	18.93	16.94	95.3	122	18.1	12.5	915	3.97	3.5	0.6	0.4	0.6	5.7	0.25	0.37	0.34	42	0.10	0.059
617879	Soil	1.37	33.58	56.71	112.8	172	35.3	29.5	1213	4.66	17.5	1.0	1.1	2.5	14.8	0.12	0.78	0.41	34	0.09	0.064
REP 617879	QC	1.26	30.90	53.11	105.6	159	32.2	27.3	1130	4.29	16.4	0.9	1.4	2.2	13.7	0.10	0.70	0.37	33	0.08	0.057
617895	Soil	1.12	14.24	13.20	43.9	21	11.3	6.4	246	2.96	5.6	0.5	0.8	3.2	6.4	0.09	0.52	0.28	53	0.04	0.016
REP 617895	QC	1.11	14.25	13.66	44.3	15	11.5	6.5	251	3.04	6.0	0.5	0.8	3.3	6.8	0.08	0.56	0.30	55	0.04	0.017
617628	Soil	0.48	42.46	46.04	108.3	33	37.5	29.4	1127	4.74	6.3	0.6	0.5	5.4	10.2	0.04	0.15	0.58	35	0.06	0.027
REP 617628	QC	0.48	43.17	46.19	104.9	29	37.8	29.0	1114	4.71	6.6	0.6	1.3	5.6	10.4	0.04	0.14	0.56	35	0.06	0.028
617635	Soil	0.80	15.42	21.29	85.3	89	16.5	6.8	1938	3.44	10.9	0.9	2.8	0.8	11.7	0.29	1.26	0.22	23	1.69	0.139
REP 617635	QC	0.80	15.84	22.36	88.8	93	16.0	7.2	2005	3.59	11.1	0.9	3.0	0.8	12.1	0.29	1.28	0.23	24	1.87	0.143
617368	Soil	0.48	17.97	20.60	93.8	88	18.6	9.4	1127	2.79	12.1	0.6	3.8	1.1	21.3	0.20	1.16	0.23	21	5.20	0.108
REP 617368	QC	0.48	18.65	22.03	98.3	89	18.8	9.6	1208	2.92	12.9	0.7	2.0	1.1	23.3	0.22	1.22	0.22	21	6.30	0.117
617396	Soil	0.73	29.55	37.60	123.5	201	38.3	13.9	428	3.67	10.2	1.0	1.3	3.7	58.7	0.16	0.60	0.31	10	2.02	0.073
REP 617396	QC	0.69	28.82	36.96	114.8	200	37.5	13.6	417	3.60	9.9	1.0	1.0	3.7	58.2	0.15	0.60	0.30	9	1.98	0.072
617440	Soil	0.50	39.96	39.34	155.8	169	62.2	29.1	1471	4.60	5.6	0.9	<0.2	6.3	73.7	0.28	0.29	0.29	8	1.14	0.049
REP 617440	QC	0.52	41.08	40.18	160.4	175	64.2	29.8	1476	4.67	5.2	0.9	<0.2	6.4	74.3	0.27	0.30	0.30	8	1.15	0.050
Reference Materials																					
STD DS8	Standard	13.38	108.4	130.7	310.3	1883	38.3	7.7	631	2.48	26.5	2.8	114.3	6.9	70.4	2.40	6.08	6.97	42	0.74	0.087
STD DS8	Standard	12.57	103.2	118.4	291.7	1679	37.4	6.9	579	2.39	22.1	2.7	109.9	6.2	60.1	2.16	5.14	5.81	39	0.68	0.074
STD DS8	Standard	13.89	103.3	121.6	312.4	1822	38.7	7.6	631	2.44	24.1	2.7	116.7	7.4	65.3	2.22	5.35	5.83	43	0.78	0.077
STD DS8	Standard	13.91	105.1	122.4	308.4	1864	38.6	7.6	640	2.48	23.5	2.8	115.7	7.2	66.1	2.16	5.03	5.68	44	0.77	0.078
STD DS8	Standard	12.42	108.4	127.4	317.4	1849	38.9	7.7	616	2.50	24.8	2.7	120.4	6.6	59.7	2.28	5.11	6.08	40	0.70	0.081
STD DS8	Standard	13.54	104.8	123.2	312.5	1765	37.9	7.2	618	2.52	24.0	2.7	114.4	6.8	66.4	2.15	5.04	5.72	43	0.74	0.075
STD DS8	Standard	13.68	113.1	127.5	310.2	1739	40.3	7.5	611	2.50	24.1	2.8	108.7	6.9	61.8	2.15	5.16	5.84	43	0.72	0.077
STD DS8	Standard	12.93	104.8	123.4	307.4	1827	38.1	7.6	613	2.40	24.9	2.7	104.2	6.3	59.8	2.26	4.95	6.07	41	0.73	0.076
STD DS8	Standard	11.82	95.13	112.1	280.4	1657	34.8	6.8	551	2.30	21.7	2.4	101.3	5.7	52.6	2.04	4.59	5.66	38	0.61	0.071
STD DS8	Standard	13.59	110.3	115.1	297.5	1572	39.8	8.1	590	2.42	23.3	2.5	99.8	6.5	63.0	2.20	5.12	6.02	39	0.74	0.082
STD DS8	Standard	13.16	104.1	125.0	300.1	1751	35.8	7.1	606	2.41	23.6	2.8	108.8	7.1	67.7	2.26	5.60	6.68	42	0.72	0.080
STD DS8	Standard	12.15	101.5	120.6	293.9	1669	36.5	7.1	570	2.30	23.8	2.5	101.2	6.1	57.5	2.29	5.03	6.08	40	0.65	0.076



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Part 2

QUALITY CONTROL REPORT

WHI11001356.1

		1F15 La ppm 0.5	1F15 Cr ppm 0.5	1F15 Mg % 0.01	1F15 Ba ppm 0.5	1F15 Ti % 0.001	1F15 B ppm 1	1F15 Al % 0.01	1F15 Na % 0.001	1F15 K % 0.01	1F15 W ppm 0.1	1F15 Sc ppm 0.1	1F15 Ti ppm 0.02	1F15 S % 0.02	1F15 Hg ppb 5	1F15 Se ppm 0.1	1F15 Te ppm 0.02	1F15 Ga ppm 0.1	1F15 Cs ppm 0.02	1F15 Ge ppm 0.1	1F15 Hf ppm 0.02
1097691	Soil	3.5	34.0	0.32	172.5	0.012	2	1.38	0.003	0.17	<0.1	1.5	0.12	0.05	37	0.1	0.02	7.6	1.64	<0.1	<0.02
REP 1097691	QC	3.2	30.0	0.31	153.2	0.011	1	1.25	0.003	0.16	<0.1	1.4	0.10	0.05	35	0.1	0.02	7.3	1.42	<0.1	<0.02
617879	Soil	7.9	23.2	0.29	114.6	0.006	<1	1.45	0.004	0.07	<0.1	3.6	0.14	0.03	54	0.2	0.05	4.0	4.74	<0.1	0.04
REP 617879	QC	7.5	21.7	0.27	107.1	0.005	1	1.33	0.004	0.07	<0.1	3.3	0.13	0.03	34	0.2	0.05	3.8	4.39	<0.1	0.05
617895	Soil	8.9	22.8	0.23	94.8	0.006	<1	1.48	0.006	0.06	<0.1	2.3	0.15	<0.02	15	0.1	0.04	8.1	1.88	<0.1	<0.02
REP 617895	QC	9.4	22.9	0.24	100.0	0.008	<1	1.53	0.006	0.07	<0.1	2.5	0.15	<0.02	16	0.2	0.03	8.2	2.02	<0.1	<0.02
617628	Soil	8.0	42.6	0.72	93.4	0.002	<1	2.19	0.009	0.10	<0.1	4.8	0.05	<0.02	21	0.1	0.03	8.9	3.40	<0.1	0.05
REP 617628	QC	8.1	42.3	0.71	93.5	0.003	<1	2.21	0.010	0.10	<0.1	4.8	0.07	<0.02	16	0.1	<0.02	8.7	3.48	<0.1	0.02
617635	Soil	10.3	19.5	0.85	103.1	0.007	3	1.19	0.005	0.04	<0.1	1.4	0.10	0.09	71	0.4	0.03	2.7	0.70	<0.1	0.04
REP 617635	QC	10.6	19.1	0.92	104.5	0.007	3	1.20	0.005	0.05	0.1	1.4	0.11	0.09	69	0.5	0.04	2.7	0.73	<0.1	0.02
617368	Soil	8.6	15.4	3.18	68.0	0.006	3	1.04	0.007	0.06	<0.1	2.3	0.09	0.04	91	0.4	0.04	2.5	0.70	<0.1	0.06
REP 617368	QC	9.2	15.9	3.57	73.2	0.006	3	1.08	0.007	0.07	<0.1	2.5	0.08	0.03	100	0.4	0.03	2.6	0.77	<0.1	0.07
617396	Soil	6.9	13.1	0.88	113.7	0.002	3	0.79	0.004	0.09	<0.1	4.3	0.16	0.04	96	0.5	0.03	2.1	1.49	<0.1	0.07
REP 617396	QC	6.7	12.6	0.87	111.0	0.002	3	0.84	0.004	0.09	<0.1	4.3	0.15	0.04	104	0.5	0.05	2.0	1.49	<0.1	0.08
617440	Soil	6.5	13.9	0.26	147.0	0.002	3	1.06	0.004	0.09	<0.1	5.3	0.22	0.17	38	0.5	0.04	2.1	1.88	<0.1	0.08
REP 617440	QC	6.6	14.5	0.27	149.4	0.002	4	1.05	0.004	0.09	<0.1	5.3	0.23	0.18	42	0.3	0.04	2.2	1.92	<0.1	0.06
Reference Materials																					
STD DS8	Standard	16.0	125.8	0.63	295.6	0.113	3	1.00	0.111	0.44	3.2	2.3	5.71	0.17	208	5.0	5.12	5.0	2.45	0.2	0.08
STD DS8	Standard	14.7	114.9	0.59	249.8	0.110	2	0.92	0.095	0.41	3.1	2.1	5.24	0.16	184	5.1	5.04	4.6	2.35	<0.1	0.06
STD DS8	Standard	17.2	127.0	0.62	274.6	0.120	3	1.03	0.117	0.45	3.2	2.7	5.60	0.16	193	5.3	5.11	5.3	2.53	0.1	0.08
STD DS8	Standard	17.4	124.8	0.62	279.4	0.115	3	1.08	0.099	0.46	2.8	2.7	5.63	0.16	213	5.0	5.26	4.9	2.53	<0.1	0.09
STD DS8	Standard	13.4	122.2	0.62	265.4	0.099	2	1.00	0.082	0.45	3.0	2.3	5.66	0.15	209	5.1	5.09	4.7	2.51	<0.1	0.08
STD DS8	Standard	16.5	123.6	0.62	275.1	0.114	1	0.98	0.103	0.42	2.8	2.0	5.44	0.16	221	5.1	5.29	5.1	2.45	0.1	0.07
STD DS8	Standard	15.9	121.9	0.62	272.2	0.116	3	0.96	0.096	0.43	3.0	2.1	5.53	0.16	196	5.0	5.03	4.6	2.46	0.1	0.07
STD DS8	Standard	13.4	120.9	0.61	259.2	0.099	2	0.95	0.104	0.43	2.7	2.1	5.53	0.16	221	5.1	5.02	4.5	2.45	<0.1	0.08
STD DS8	Standard	12.9	112.2	0.56	247.4	0.100	2	0.86	0.083	0.39	2.8	2.0	5.11	0.15	184	4.7	4.68	4.3	2.31	0.2	0.07
STD DS8	Standard	16.6	113.0	0.61	256.8	0.117	3	0.98	0.105	0.44	2.8	2.3	5.02	0.16	174	5.1	4.99	4.8	2.38	<0.1	0.09
STD DS8	Standard	16.6	120.1	0.60	273.4	0.113	2	0.93	0.089	0.41	3.1	2.4	5.37	0.16	205	5.1	4.87	4.6	2.44	0.1	0.11
STD DS8	Standard	13.5	114.2	0.57	251.2	0.103	2	0.84	0.076	0.39	3.0	2.0	5.19	0.16	201	5.1	4.80	4.4	2.36	0.2	0.08



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Part 3

QUALITY CONTROL REPORT

WHI11001356.1

		1F15 Nb ppm 0.02	1F15 Rb ppm 0.1	1F15 Sn ppm 0.1	1F15 Ta ppm 0.05	1F15 Zr ppm 0.1	1F15 Y ppm 0.01	1F15 Ce ppm 0.1	1F15 In ppm 0.02	1F15 Re ppb 1	1F15 Be ppm 0.1	1F15 Li ppm 0.1	1F15 Pd ppb 10	1F15 Pt ppb 2
1097691	Soil	0.62	20.6	1.5	<0.05	0.2	2.63	8.7	0.03	<1	0.6	12.7	<10	<2
REP 1097691	QC	0.56	18.7	1.4	<0.05	0.1	2.35	7.8	<0.02	<1	0.6	11.6	<10	<2
617879	Soil	0.29	10.7	2.5	<0.05	1.7	11.74	25.0	0.05	<1	1.3	35.7	<10	<2
REP 617879	QC	0.28	10.0	2.4	<0.05	1.4	10.65	23.3	0.04	<1	1.1	33.8	<10	<2
617895	Soil	0.59	14.1	1.0	<0.05	0.6	3.39	18.5	0.03	<1	0.3	10.2	<10	<2
REP 617895	QC	0.62	14.7	1.1	<0.05	0.6	3.46	19.4	0.04	<1	0.5	11.0	<10	<2
617628	Soil	0.11	12.0	1.2	<0.05	2.0	6.05	22.8	0.06	<1	1.8	39.5	<10	<2
REP 617628	QC	0.13	12.1	1.2	<0.05	1.9	5.89	23.2	0.05	<1	1.6	40.6	<10	<2
617635	Soil	0.24	6.1	0.8	<0.05	1.0	10.76	19.0	0.03	<1	0.9	8.0	<10	<2
REP 617635	QC	0.25	6.6	0.8	<0.05	1.0	10.87	20.0	0.03	<1	0.9	8.0	<10	<2
617368	Soil	0.19	6.3	0.8	<0.05	1.8	10.50	15.9	0.03	<1	0.9	6.6	<10	<2
REP 617368	QC	0.18	6.8	1.0	<0.05	1.8	10.99	16.8	0.02	<1	1.0	7.1	<10	<2
617396	Soil	0.11	6.2	2.6	<0.05	3.5	13.35	20.0	0.04	1	1.1	19.1	<10	<2
REP 617396	QC	0.11	6.3	2.8	<0.05	3.3	13.36	19.3	0.05	<1	1.0	17.8	<10	<2
617440	Soil	0.03	6.7	1.2	<0.05	3.9	16.92	26.5	0.04	<1	1.4	40.4	<10	<2
REP 617440	QC	<0.02	6.9	1.3	<0.05	5.8	17.46	27.0	0.04	<1	1.3	40.7	<10	<2
Reference Materials														
STD DS8	Standard	1.46	37.8	7.0	<0.05	1.7	6.18	29.1	2.15	48	5.2	28.4	123	347
STD DS8	Standard	1.41	36.8	5.9	<0.05	1.5	5.83	26.8	2.08	50	4.7	25.9	116	325
STD DS8	Standard	1.62	40.4	6.6	<0.05	2.2	6.88	32.1	2.25	62	5.4	27.2	128	349
STD DS8	Standard	1.58	39.8	6.2	<0.05	2.2	6.70	32.0	2.15	57	5.3	28.0	116	347
STD DS8	Standard	1.21	38.5	6.6	<0.05	1.9	5.35	24.7	2.23	61	5.3	28.0	140	363
STD DS8	Standard	1.43	38.0	6.2	<0.05	1.8	6.40	30.6	2.26	51	5.4	27.7	120	329
STD DS8	Standard	1.25	39.2	6.5	<0.05	1.9	5.90	28.5	2.21	51	4.9	27.3	115	349
STD DS8	Standard	1.25	36.9	6.4	<0.05	1.6	5.48	25.2	2.17	48	5.3	27.6	130	357
STD DS8	Standard	1.18	34.6	5.6	<0.05	1.5	5.12	24.5	1.93	45	4.6	24.2	115	327
STD DS8	Standard	1.38	35.4	6.1	<0.05	2.2	6.34	27.8	2.13	44	5.1	24.8	112	318
STD DS8	Standard	1.43	38.5	6.7	<0.05	2.1	6.69	30.0	2.12	58	5.0	28.5	118	346
STD DS8	Standard	1.20	35.7	6.3	<0.05	2.0	5.31	24.7	2.14	60	5.4	25.3	130	340



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Part 1

QUALITY CONTROL REPORT

WHI11001356.1

		1F15 Mo ppm 0.01	1F15 Cu ppm 0.01	1F15 Pb ppm 0.01	1F15 Zn ppm 0.1	1F15 Ag ppb 2	1F15 Ni ppm 0.1	1F15 Co ppm 0.1	1F15 Mn ppm 1	1F15 Fe % 0.01	1F15 As ppm 0.1	1F15 U ppm 0.1	1F15 Au ppb 0.2	1F15 Th ppm 0.1	1F15 Sr ppm 0.5	1F15 Cd ppm 0.01	1F15 Sb ppm 0.02	1F15 Bi ppm 0.02	1F15 V ppm 2	1F15 Ca % 0.01	1F15 P % 0.001
STD DS8 Expected		13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	9	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	7	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001



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Part 2

QUALITY CONTROL REPORT

WHI11001356.1

		1F15 La ppm 0.5	1F15 Cr ppm 0.5	1F15 Mg % 0.01	1F15 Ba ppm 0.5	1F15 Ti % 0.001	1F15 B ppm 1	1F15 Al % 0.01	1F15 Na % 0.001	1F15 K % 0.01	1F15 W ppm 0.1	1F15 Sc ppm 0.1	1F15 Ti ppm 0.02	1F15 S % 0.02	1F15 Hg ppb 5	1F15 Se ppm 0.1	1F15 Te ppm 0.02	1F15 Ga ppm 0.1	1F15 Cs ppm 0.02	1F15 Ge ppm 0.1	1F15 Hf ppm 0.02
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7	2.48	0.13	0.08
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02



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Project:

Scarlet

Report Date:

November 01, 2011

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Part 3

QUALITY CONTROL REPORT

WHI11001356.1

		1F15 Nb ppm 0.02	1F15 Rb ppm 0.1	1F15 Sn ppm 0.1	1F15 Ta ppm 0.05	1F15 Zr ppm 0.1	1F15 Y ppm 0.01	1F15 Ce ppm 0.1	1F15 In ppm 0.02	1F15 Re ppb 1	1F15 Be ppm 0.1	1F15 Li ppm 0.1	1F15 Pd ppb 10	1F15 Pt ppb 2
STD DS8 Expected		1.65	39	6.7	0.003	2.3	6.1	29.8	2.19	55	5.2	26.34	110	339
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2



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Submitted By: Roger Hulstein

Receiving Lab: Canada-Whitehorse

Received: January 06, 2012

Report Date: January 30, 2012

Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI11001984.1

CLIENT JOB INFORMATION

Project: Scarlet
Shipment ID: 2011-25
P.O. Number
Number of Samples: 21

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

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: Radius Gold Inc.
Suite 650 - 200 Burrard Street
Vancouver BC V6C 3L6
Canada

CC: Scott Turton
Simon Ridgway
database backup

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	22	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B01	22	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX1	22	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
7TD	1	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS



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



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Project:

Scarlet

Report Date:

January 30, 2012

Page:

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Part 1

CERTIFICATE OF ANALYSIS

WHI11001984.1

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	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
120082	Rock	1.46	<2	<0.1	1.2	4.4	1622	<0.1	0.5	0.8	1044	1.00	<0.5	<0.5	0.2	30	1.5	0.1	<0.1	<2
120083	Rock	1.65	4	<0.1	2.1	6.6	4	<0.1	1.6	2.1	597	0.62	4.4	1.1	0.3	20	<0.1	0.9	<0.1	<2
120084	Rock	1.47	<2	<0.1	0.3	0.8	4	<0.1	<0.1	0.7	1815	2.16	1.2	<0.5	<0.1	23	<0.1	<0.1	<0.1	<2
120085	Rock	1.48	<2	<0.1	1.2	6.3	2	<0.1	4.2	1.8	406	0.60	1.8	<0.5	0.4	30	<0.1	0.5	<0.1	25
120086	Rock	1.26	<2	<0.1	1.0	4.0	2	<0.1	1.1	1.2	162	0.28	2.6	<0.5	0.5	214	<0.1	0.2	<0.1	4
120087	Rock	2.02	<2	<0.1	0.3	0.7	1	<0.1	1.0	0.8	299	0.20	4.4	<0.5	<0.1	33	<0.1	0.2	<0.1	<2
120088	Rock	1.07	<2	<0.1	3.7	4.3	30	<0.1	2.3	1.1	631	0.74	81.4	<0.5	0.2	43	<0.1	1.2	<0.1	<2
120089	Rock	1.41	<2	<0.1	0.9	0.9	8	<0.1	1.0	0.9	626	0.48	22.6	<0.5	<0.1	59	<0.1	0.4	<0.1	<2
120090	Rock	1.57	<2	<0.1	2.1	3.6	33	<0.1	1.6	1.2	888	1.15	107.1	<0.5	0.2	52	<0.1	1.8	<0.1	2
120091	Rock	1.39	<2	<0.1	0.3	0.9	<1	<0.1	1.0	0.8	511	0.55	20.4	<0.5	<0.1	71	<0.1	0.3	<0.1	<2
617457	Rock	0.84	2	1.3	50.6	13.3	86	<0.1	27.4	29.6	5986	2.24	16.5	<0.5	5.8	123	<0.1	0.3	0.3	57
617458	Rock	0.81	<2	3.7	551.4	12.3	229	<0.1	84.0	66.2	>10000	9.45	15.8	<0.5	5.4	6	0.2	<0.1	1.5	34
617459	Rock	1.16	<2	0.1	23.1	106.9	85	<0.1	20.7	33.3	>10000	7.98	12.3	<0.5	1.9	71	0.1	<0.1	0.2	16
617460	Rock	1.72	<2	0.2	0.6	42.7	989	<0.1	0.2	0.9	1501	0.67	0.8	<0.5	<0.1	39	3.9	<0.1	<0.1	<2
617461	Rock	1.25	<2	1.0	3.9	>10000	>10000	0.4	1.8	0.8	1116	>40	5.9	<0.5	0.3	2	43.6	<0.1	<0.1	4
617462	Rock	0.72	<2	<0.1	1.5	4.8	6448	<0.1	14.3	4.8	2536	>40	1.6	0.9	0.2	44	0.1	<0.1	<0.1	4
617463	Rock	0.87	<2	0.3	15.5	40.7	4551	<0.1	14.5	4.3	362	29.26	2.9	<0.5	3.4	15	0.1	0.1	0.2	10
617464	Rock	0.38	<2	0.3	18.0	8.3	50	<0.1	7.3	7.2	70	1.31	71.2	0.7	1.3	19	<0.1	2.8	0.1	17
617465	Rock	0.78	<2	0.2	5.7	9.5	4737	<0.1	17.1	6.3	1620	>40	1.9	6.2	0.8	12	0.2	<0.1	<0.1	8
617466	Rock	0.99	<2	0.1	2.4	2.6	9327	<0.1	8.5	2.3	863	>40	1.5	1.0	0.3	9	<0.1	<0.1	<0.1	4
617467	Rock	1.07	<2	<0.1	6.0	7.1	6432	<0.1	30.2	12.8	6446	>40	2.1	1.3	1.2	23	0.3	<0.1	<0.1	7
120092	Rock	1.41	<2	<0.1	0.1	0.6	<1	<0.1	<0.1	0.5	484	0.14	1.5	<0.5	<0.1	50	<0.1	<0.1	<0.1	<2



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Project:

Scarlet

Report Date:

January 30, 2012

Page:

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Part 2

CERTIFICATE OF ANALYSIS

WHI11001984.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7TD	7TD	
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Pb	Zn
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	%
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.02	0.01
120082	Rock	0.038	1	2	11.13	4	<0.001	<20	0.03	0.016	0.01	<0.1	1.00	0.4	<0.1	<0.05	<1	<0.5	<0.2		
120083	Rock	0.057	<1	3	8.52	14	<0.001	<20	0.04	0.014	<0.01	<0.1	0.05	0.2	<0.1	<0.05	<1	<0.5	<0.2		
120084	Rock	0.019	3	<1	11.15	2	<0.001	<20	0.02	0.018	<0.01	<0.1	0.03	0.1	<0.1	<0.05	<1	<0.5	<0.2		
120085	Rock	0.026	<1	7	2.59	4	<0.001	<20	0.03	0.008	<0.01	<0.1	0.07	2.0	<0.1	<0.05	<1	<0.5	<0.2		
120086	Rock	0.041	2	3	1.93	8	<0.001	<20	0.03	0.011	0.01	<0.1	0.09	0.6	<0.1	<0.05	<1	<0.5	<0.2		
120087	Rock	0.007	<1	<1	2.05	8	<0.001	<20	0.01	0.008	<0.01	<0.1	0.02	0.1	<0.1	<0.05	<1	<0.5	<0.2		
120088	Rock	0.043	1	2	3.07	58	<0.001	<20	0.04	0.009	<0.01	0.1	0.28	0.6	0.1	<0.05	<1	<0.5	<0.2		
120089	Rock	0.016	<1	1	9.12	33	<0.001	<20	0.02	0.012	<0.01	<0.1	0.09	0.3	<0.1	<0.05	<1	<0.5	<0.2		
120090	Rock	0.034	<1	1	3.30	68	<0.001	<20	0.05	0.008	<0.01	0.2	0.21	0.7	0.4	<0.05	<1	<0.5	<0.2		
120091	Rock	0.004	<1	1	9.76	12	<0.001	<20	0.03	0.015	<0.01	<0.1	0.05	0.4	0.1	<0.05	<1	<0.5	<0.2		
617457	Rock	>5	31	38	0.52	934	0.017	<20	2.40	0.044	0.30	0.1	0.01	9.6	0.1	<0.05	6	<0.5	<0.2		
617458	Rock	0.035	5	29	0.88	527	0.003	<20	3.21	0.018	0.19	<0.1	<0.01	15.0	<0.1	<0.05	9	<0.5	<0.2		
617459	Rock	0.012	5	5	3.58	97	<0.001	<20	0.18	0.017	0.07	<0.1	<0.01	7.9	<0.1	<0.05	<1	<0.5	<0.2		
617460	Rock	0.025	<1	1	11.63	4	<0.001	<20	0.03	0.017	<0.01	<0.1	0.11	0.2	<0.1	<0.05	<1	<0.5	<0.2		
617461	Rock	0.046	<1	2	0.20	46	<0.001	<20	0.04	0.009	<0.01	<0.1	1.38	0.6	8.1	0.31	4	0.9	<0.2	1.86	2.91
617462	Rock	0.005	1	<1	0.19	48	<0.001	<20	0.05	0.008	0.02	<0.1	<0.01	0.5	35.7	0.09	<1	<0.5	<0.2		
617463	Rock	0.019	5	6	0.10	30	0.001	<20	0.37	0.012	0.14	<0.1	0.04	2.8	12.8	<0.05	1	<0.5	<0.2		
617464	Rock	0.007	2	17	0.03	13	<0.001	<20	0.18	0.007	0.06	<0.1	0.68	1.7	0.5	<0.05	<1	<0.5	<0.2		
617465	Rock	0.012	2	4	0.15	51	0.001	<20	0.23	0.008	0.04	<0.1	0.02	1.2	30.2	<0.05	<1	<0.5	<0.2		
617466	Rock	0.006	4	2	0.13	19	<0.001	<20	0.07	0.008	0.02	<0.1	0.03	1.0	9.6	<0.05	<1	<0.5	<0.2		
617467	Rock	0.014	2	3	0.15	112	<0.001	<20	0.16	0.008	0.04	<0.1	0.03	1.3	103.7	<0.05	<1	<0.5	<0.2		
120092	Rock	0.022	<1	1	11.30	4	<0.001	<20	0.02	0.015	<0.01	<0.1	<0.01	0.1	0.6	<0.05	<1	<0.5	<0.2		



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Project:

Scarlet

Report Date:

January 30, 2012

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Part 1

QUALITY CONTROL REPORT

WHI11001984.1

	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	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
Pulp Duplicates																					
120084	Rock	1.47	<2	<0.1	0.3	0.8	4	<0.1	<0.1	0.7	1815	2.16	1.2	<0.5	<0.1	23	<0.1	<0.1	<0.1	<2	16.29
REP 120084	QC			<0.1	0.2	0.8	4	<0.1	<0.1	0.6	1776	2.07	<0.5	<0.5	<0.1	23	<0.1	<0.1	<0.1	<2	16.15
617464	Rock	0.38	<2	0.3	18.0	8.3	50	<0.1	7.3	7.2	70	1.31	71.2	0.7	1.3	19	<0.1	2.8	0.1	17	0.07
REP 617464	QC		<2																		
Reference Materials																					
STD DS8	Standard			12.2	100.4	113.5	287	1.6	36.7	7.2	561	2.22	22.6	126.9	5.4	55	2.2	4.5	5.9	40	0.65
STD OREAS131B	Standard																				
STD OREAS45CA	Standard			1.0	475.2	20.7	63	0.3	237.5	91.3	913	15.71	3.7	38.5	7.0	15	<0.1	0.1	0.1	211	0.44
STD OXC88	Standard		201																		
STD OXH82	Standard		1281																		
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1	0.7
STD OREAS45CA Expected				1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265
STD OXC88 Expected			203																		
STD OXH82 Expected			1278																		
STD OREAS131B Expected																					
BLK	Blank			<0.1	<0.1	0.2	4	<0.1	<0.1	<0.1	1	0.02	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	0.01
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		<2	0.3	3.0	3.5	43	<0.1	3.5	3.9	524	1.89	<0.5	<0.5	4.4	50	<0.1	<0.1	<0.1	35	0.43
G1	Prep Blank		<2	0.3	2.8	4.4	45	<0.1	3.3	3.8	495	1.84	<0.5	<0.5	5.0	53	<0.1	<0.1	<0.1	35	0.45



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Project: Scarlet
Report Date: January 30, 2012

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI11001984.1

	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7TD	7TD
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Pb	Zn
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	%
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.02	0.01
Pulp Duplicates																					
120084	Rock	0.019	3	<1	11.15	2	<0.001	<20	0.02	0.018	<0.01	<0.1	0.03	0.1	<0.1	<0.05	<1	<0.5	<0.2		
REP 120084	QC	0.019	3	<1	10.95	2	<0.001	<20	0.02	0.017	<0.01	<0.1	0.03	0.1	<0.1	<0.05	<1	<0.5	<0.2		
617464	Rock	0.007	2	17	0.03	13	<0.001	<20	0.18	0.007	0.06	<0.1	0.68	1.7	0.5	<0.05	<1	<0.5	<0.2		
REP 617464	QC																				
Reference Materials																					
STD DS8	Standard	0.076	12	111	0.58	284	0.096	<20	0.85	0.083	0.40	2.6	0.21	2.2	5.5	0.16	4	4.9	4.6		
STD OREAS131B	Standard																			1.94	3.32
STD OREAS45CA	Standard	0.041	16	747	0.15	175	0.121	<20	3.38	0.012	0.07	<0.1	0.03	43.0	0.2	<0.05	19	<0.5	<0.2		
STD OXC88	Standard																				
STD OXH82	Standard																				
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5		
STD OREAS45CA Expected		0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5			
STD OXC88 Expected																					
STD OXH82 Expected																					
STD OREAS131B Expected																				1.86	3.14
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	0.005	<0.01	<0.1	<0.01	<0.1	0.2	<0.05	<1	<0.5	<0.2		
BLK	Blank																				
BLK	Blank																				
BLK	Blank																			<0.02	<0.01
Prep Wash																					
G1	Prep Blank	0.077	10	9	0.48	148	0.104	<20	0.83	0.081	0.45	<0.1	<0.01	1.9	0.3	<0.05	4	<0.5	<0.2		
G1	Prep Blank	0.075	11	12	0.46	143	0.103	<20	0.84	0.091	0.44	<0.1	<0.01	2.0	0.3	<0.05	4	<0.5	<0.2		

APPENDIX B

Rock Sample Locations
And
Analytical Results

RACKLA METALS INC.											
Scarlet West Property (CAR Claims) - 2011 Rock Geochemistry											
Sample Number	Type	Sampler	Sample_Date	grid_type	UTM North	UTM East	Elev_m	Sample Description	Lab_Cert.Number	Wgt_kg	Ag_1DX_ppm
RDU_SCAR_1097551	Rock	RH	12/08/2011	UTM83-8	7125859	601180	1207	DDH-C77-4; 184-206.8 ft. 1/2 sawn core, 50% grab of remaining BQ core, loose pieces. Brecciated, veined limestone with replacement and brx filling of sphalerite, rare galena and <1% pyrite, carb. Approx. 5% sph as coarse blebs. Hand spec.	WHI11001093	2.19	61.1
RDU_SCAR_1097552	Rock	RH	12/08/2011	UTM83-8	7125859	601180	1207	DDHC-C77-3; 273.0-290.12 ft. 1/2 sawn core, grab of remaining BQ core, loose pieces. Grey limestone x-cut by qtz carb - sulfide (sph) vein and brx filling. Looks a bit like a healed shear in places. White qtz veins X-cut sph vn and brx filling. Hand spec.	WHI11001093	2.41	98
RDU_SCAR_1097553	Rock	RH	12/08/2011	UTM83-8	7125859	601180	1207	DDHC-C77-14; 394.5-395.5 ft. grab of hole NQ core. Qtz-carb-sphalerite breccia, late stage qtz veins crosscut spalerite brx. Hand spec. from 395.5 - 396.0 m.	WHI11001093	1.19	76
RDU_SCAR_1097554	Rock	RH	12/08/2011	UTM83-8	7125859	601180	1207	Unknown hole, footage. Grab of 1/2 sawn BQ core, after hole #29 - no numbers. Grey limestone carb veined, qtz veined and vuggy lined with qtz crystals, banded sphalerite-pyrite-qtz-carb.	WHI11001093	1.68	0.3
RDU_SCAR_1097555	Rock	RH	12/08/2011	UTM83-8	7125859	601180	1207	Unknown hole, footage. Grab of BQ core. Limestone brx with qtz-carb matrix - brx filling. Pyrite on margins of clasts, <1% pyrite overall.	WHI11001093	1.09	0.2
RDU_SCAR_1097556	Rock	RH	12/08/2011	UTM83-8	7125859	601180	1207	DDHC77-5, 141.0-150.0ft. 1/2 BQ core. Grey siliceous brx limestone with sph, qtz-carb filled matrix x-cut by late white qtz veins.	WHI11001093	1.64	200
RDU_SCAR_1097557	Rock	RH	12/08/2011	UTM83-8	7129094	594880	1419	Rock float; Gossanous porus limestone - iron oxide breccia pieces in limestone float - scree. Grabbed from burgandy alteration on the end of a ridge in the CAR/LIN claim area. Massive limestone - not reactive with HCl (dolostone?). Heavy burgandy surface alteration, fresh surface grey.	WHI11001093	1.5	4
RDU_SCAR_1097573	Rock	LB	17/08/2011	UTM83-8	7129926	593826	1112	As 1097573 but with very finely disseminated silvery grains of some sulphide? Arsenopyrite? Very fine grains even under hand lens.	WHI11001243	1.38	0.05
RDU_SCAR_1097574	Rock	LB	17/08/2011	UTM83-8	7129934	593828	1114		WHI11001243	1.06	0.05
RDU_SCAR_118451	Rock	FT	25/06/2011	UTM83-8	7124535	595924	873		WHI11000455	2.17	0.05
RDU_SCAR_118606	Rock	RH	25/06/2011	UTM83-8	7123118	600500	1380	grab of Iron oxide rubble on knob-ridge near old DDH site. Minor specks galena in FeOx, very porus,. Approx float trend 020 deg.	WHI11000455	1.64	0.2
RDU_SCAR_118607	Rock	RH	25/06/2011	UTM83-8	7123104	600497	1385	grab of brecciated dolostone, crystallized, vuggy, zebra textured, cavities filled with crysatalline calcite, yellow-brown sphalerite, possible barite, minor open spaces.	WHI11000455	0.89	0.2
RDU_SCAR_118759	Rock	CM	26/06/2011	UTM83-8	7126230	593170	1405	Outcrop volcanic? smell of sulphur	WHI11000455	0.86	0.05
RDU_SCAR_118760	Rock	CM	26/06/2011	UTM83-8	7126146	593058	1356	Flood volcanic, sx? mag?	WHI11000455	4.02	0.05
RDU_SCAR_118761	Rock	CM	26/06/2011	UTM83-8	7125967	592866	1326	Fine grained sulphide (cpy) in dolomized rock/ limestone	WHI11000455	0.97	0.05
RDU_SCAR_118762	Rock	JB	29/06/2011	UTM83-8	7128755	592866		Rock sample of gossonous structure, perhaps series of structures running parallel in a vertical fashion from surface in a E-W distribution (structures 8 m along ridge). Quartz appearing in vein/breccia vugs. Clasts appear weathered out.	WHI11000455	2.04	0.05
RDU_SCAR_118763	Rock	JB	29/06/2011	UTM83-8	7128557	592469	1216	Along north side of base of small gossanous cliff, mottled grey and white variably siliceous and vuggy grey dolomite, well fractured. No visible pyrite or other sulfides. FeOx filled fractures.	WHI11000455	2.54	0.3
RDU_SCAR_118764	Rock	JB	29/06/2011	UTM83-8	7128555	592477	1223	Along south side of base of small gossanous cliff, mottled grey and white variably siliceous and vuggy grey dolomite, well fractured. No visible pyrite or other sulfides. FeOx filled fractures.	WHI11000455	2.44	0.05
RDU_SCAR_118765	Rock	JB	29/06/2011	UTM83-8	7128558	592487	1237	Upper south side. Siliceous dolomite, minor FeOx, same mottled texture as 118763 and 764. Possibly an altered intrusive?	WHI11000455	2.53	0.05
RDU_SCAR_119174	Rock	LB	25/06/2011	UTM83-8	7123035	597224	1440	RH Description; Brown and rusty weathering light grey dolomite with 0.5-1.0% dis fine grained pyrite (and possible aspy?).	WHI11000455	1.63	0.05
RDU_SCAR_119175	Rock	LB	26/06/2011	UTM83-8	7128755	592870	1279	Rusty weathering siliceous fault breccia - quartz veining. Trace disseminated galena, ~5% FeOx, goethite and limonite.	WHI11000455	1.3	0.05

Sample Number	Al_1Dx_pct	As_1Dx_pm	Au_1Dx_ppm	B_1Dx_ppm	Ba_1Dx_ppm	Bi_1Dx_ppm	Ca_1Dx_pct	Cd_1Dx_ppm	Co_1Dx_ppm	Cr_1Dx_ppm	Cu_1Dx_ppm	Fe_1Dx_pct	Ga_1Dx_ppm	Hg_ppm	K_1Dx_pct	La_1Dx_ppm	Mg_1Dx_pct	Mn_1Dx_pm	Mo_1Dx_pm
RDU_SCAR_1097551	0.06	42.9	1	10	44	0.2	7.86	1123.9	3.9	3	1026.9	1.26	124	50	0.01	2	3.91	622	0.05
RDU_SCAR_1097552	0.07	28.3	11	10	38	0.1	7.76	1348.6	3.1	2	999.5	1.09	39	50	0.02	1	4.28	569	0.3
RDU_SCAR_1097553	0.02	209.5	4	10	13	0.1	11.85	1080.8	0.7	0.5	408.2	1.14	2	50	0.005	0.5	6.79	601	0.05
RDU_SCAR_1097554	0.04	2.6	1	10	5	0.05	15.77	44.1	0.8	0.5	3.3	4.08	1	0.65	0.02	2	8.94	1558	0.4
RDU_SCAR_1097555	0.05	2.3	1	10	10	0.05	16.98	1.5	0.9	1	2.3	2.4	0.5	0.19	0.03	2	9.88	1679	0.2
RDU_SCAR_1097556	0.02	30.6	2	10	13	0.2	0.89	1856.6	1.7	0.5	629.7	0.98	47	50	0.005	0.5	0.48	90	0.05
RDU_SCAR_1097557	1.13	625	1	10	66	0.2	1.44	7.5	17.6	16	114.4	40	2	50	0.06	3	0.89	741	6.1
RDU_SCAR_1097573	0.04	2.4	1	10	78	0.05	0.12	0.05	2.1	2	7.3	2.59	0.5	0.03	0.02	2	0.04	734	0.2
RDU_SCAR_1097574	1.28	18.3	1	23	176	0.05	0.42	0.05	2.1	13	2	31.84	3	0.05	0.11	18	0.17	658	1.2
RDU_SCAR_118451	0.63	9.9	3	10	264	0.05	28.1	0.3	5.8	8	7.1	1.97	3	0.005	0.13	15	0.56	1045	2.5
RDU_SCAR_118606	0.06	5.2	1	10	20	0.05	0.48	49.4	0.5	1	2	40	1	0.89	0.01	1	0.29	511	1.4
RDU_SCAR_118607	0.06	3.8	1	10	22	0.05	18.48	45.5	0.3	0.5	1.4	0.89	2	1.59	0.02	1	9.4	1386	0.5
RDU_SCAR_118759	4.18	0.25	5	10	85	0.05	2.84	0.1	34.7	48	65.3	7.59	17	0.005	0.06	18	4.45	954	0.3
RDU_SCAR_118760	2.97	0.7	1	10	65	0.05	4.49	0.3	28.4	3	67.6	5.24	10	0.005	0.16	20	2.32	939	0.9
RDU_SCAR_118761	0.1	36.7	1	10	37	0.05	25.46	0.2	0.5	4	1	0.26	0.5	0.005	0.05	2	7.7	102	21
RDU_SCAR_118762	0.005	6.7	1	10	2	0.05	0.71	0.7	0.1	0.5	1	11.87	0.5	0.68	0.005	0.5	0.38	193	1
RDU_SCAR_118763	0.005	9	1	10	2	0.05	8.42	1.2	0.4	0.5	1.2	1.7	0.5	0.31	0.005	0.5	4.1	591	1.1
RDU_SCAR_118764	0.01	3.3	1	10	3	0.05	13.27	0.2	0.2	1	0.5	0.43	0.5	0.06	0.005	0.5	7.25	771	0.4
RDU_SCAR_118765	0.005	3.5	1	10	2	0.05	10.2	0.6	0.2	1	0.7	0.61	0.5	0.1	0.005	0.5	5.74	551	0.4
RDU_SCAR_119174	0.11	6.9	1	10	93	0.05	19.62	0.05	1.1	2	1.3	1.1	0.5	0.005	0.05	7	0.68	72	0.3
RDU_SCAR_119175	0.005	1.6	1	10	0.5	0.05	0.19	0.1	0.2	1	0.8	2.28	0.5	0.15	0.005	0.5	0.02	30	0.5

Sample Number	Na_1Dx_pct	Ni_1Dx_ppm	P_1Dx_pct	Pb_1Dx_ppm	Pb_7TD_pct	S_1Dx_pct	Sb_1Dx_ppm	Sc_1Dx_ppm	Se	Sr_1Dx_ppm	Te_ppm	Th_1Dx_ppm	Ti_1Dx_pct	Tl_ppm	V_1Dx_ppm	W_1Dx_ppm	Zn_1Dx_ppm	Zn_pct
RDU_SCAR_1097551	0.0005	6.3	0.031	10000	4.82	10	517.5	1	12.2	0.5	0.1	0.3	0.0005	0.4	1	0.05	10000	25.03
RDU_SCAR_1097552	0.0005	6.4	0.028	10000	7.85	10	1582.6	0.9	7	40	0.1	0.4	0.0005	0.6	4	0.05	10000	25.95
RDU_SCAR_1097553	0.0005	1.3	0.023	10000	8.67	10	572.1	0.4	7.9	29	0.1	0.1	0.0005	4	1	0.05	10000	20.75
RDU_SCAR_1097554	0.014	0.6	0.027	2596.8	0.3	5.32	2.8	0.3	0.25	54	0.1	0.3	0.0005	0.8	1	0.05	10000	3.25
RDU_SCAR_1097555	0.011	1.3	0.022	295.4		2.66	0.9	0.5	0.25	49	0.1	0.4	0.0005	2	1	0.05	553	
RDU_SCAR_1097556	0.0005	1.8	0.034	10000	10	10	778.3	0.3	17.4	4	0.1	0.2	0.0005	1.4	2	0.05	10000	27.74
RDU_SCAR_1097557	0.0005	50	0.137	2283.3	0.2	0.14	34.2	6.4	0.8	815	0.1	2.5	0.001	2.2	6	0.05	10000	0.84
RDU_SCAR_1097573	0.002	2.2	0.014	3.6		0.025	0.9	1	0.25	17	0.1	0.2	0.001	0.05	4	0.05	15	
RDU_SCAR_1097574	0.004	3.9	0.058	12.7		0.025	1.3	2.4	0.25	59	0.1	3.4	0.116	0.05	24	0.05	9	
RDU_SCAR_118451	0.004	7.5	0.073	4.6		0.41	0.2	3.5	0.25	355	0.1	1.3	0.002	0.1	36	0.05	40	
RDU_SCAR_118606	0.002	1.9	0.055	10000	3.43	0.42	0.05	0.3	1.6	2	0.1	0.4	0.0005	10.5	3	0.05	10000	2.83
RDU_SCAR_118607	0.011	0.7	0.042	39.3	0.01	0.41	0.05	0.3	0.8	66	0.1	0.2	0.001	0.4	1	0.05	10000	1.8
RDU_SCAR_118759	0.056	37.7	0.156	2.1		0.025	0.05	12.2	0.6	41	0.1	2	0.585	0.05	251	0.2	95	
RDU_SCAR_118760	0.132	27.7	0.163	2.2		0.025	0.05	5.8	0.25	118	0.1	2.1	0.504	0.05	159	0.2	144	
RDU_SCAR_118761	0.017	2.7	0.073	1.1		0.09	0.3	0.4	0.7	158	0.1	0.3	0.003	0.3	15	0.05	14	
RDU_SCAR_118762	0.0005	0.5	0.014	740.2		0.025	0.6	0.1	0.25	3	0.1	0.05	0.0005	3.3	1	0.05	2498	
RDU_SCAR_118763	0.003	1	0.011	202.5		1.07	1.2	0.05	0.25	27	0.1	0.05	0.0005	1.7	1	0.05	291	
RDU_SCAR_118764	0.005	1.1	0.012	11.3		0.31	0.1	0.05	0.25	54	0.1	0.05	0.0005	1.5	1	0.05	78	
RDU_SCAR_118765	0.004	0.5	0.01	65.5		0.22	0.2	0.05	0.25	37	0.1	0.05	0.0005	1.1	1	0.05	84	
RDU_SCAR_119174	0.027	2.7	0.026	25.6		0.88	0.2	1.3	0.6	119	0.1	0.9	0.0005	0.05	2	0.05	22	
RDU_SCAR_119175	0.0005	0.5	0.008	193.2		0.025	0.05	0.2	0.25	1	0.1	0.05	0.0005	0.6	1	0.05	834	

Sample Number	Type	Sampler	Sample_Date	grid_type	UTM North	UTM East	Elev_m	Sample Description	Lab_Cert.Number	Wgt_kg	Ag_1DX_ppm
RDU_SCAR_119176	Rock	LB	26/06/2011	UTM83-8	7128570	592486	1240	Weakly siliceous breccia, similar to 119175, more FeOx ~ 15%, fine grained pyrite as <1cm irregular matrix filling, trace diss sphalerite on fractures.	WHI11000455	2.98	0.2
RDU_SCAR_119177	Rock	LB	27/06/2011	UTM83-8	7125989	594529	1685	hematite - reddish weathering, brecciated dolomite. Dis pyrite, and poss galena and likely diss sphalerite in calcite on margin of open spaces and lining vugs and fractures.	WHI11000455	3.06	0.05
RDU_SCAR_119178	Rock	LB	28/06/2011	UTM83-8	7126792	593825	1829	Pink weathering 1st-dolm breccia, possibly recrystallized (dolomitized) fossils. Approx 1% 1-2mm round brown specks, weathered pyrite?, maybe sphalerite?. White calcite veining and breccia filling, minor MnOx	WHI11000455	1.08	0.05
RDU_SCAR_119179	Rock	LB	28/06/2011	UTM83-8	7126760	593873	1823	as 119178	WHI11000455	1.39	0.05
RDU_SCAR_119180	Rock	LB	28/06/2011	UTM83-8	7126753	594026	1804	as 119178 but slightly less pyrite.	WHI11000455	1.38	0.05
RDU_SCAR_119507	Rock	LB	20/07/2011	UTM83-8	7124010	599814		Float from creek on LIN 70. Vuggy orange, brown, gossanous rock. Small sample.	WHI11000886	0.3	0.05
RDU_SCAR_617456	Rock	CM	16/08/2011	UTM83-8	7127857	593594	1469	From CAR/LIN high up in a bowl. Highly brecciated limestone of the sort that obtained high Zn in the old core. Mm-cm scale clasts, angular. Locally altered to deep burgandy and in some places to yellow orange.	WHI11001243	1.23	0.05
RDU_SCAR_617457	Rock	CM	27/08/2011	UTM83-8	7123179	600039	1361	Alternating oxidized/unoxidized float from atop a red shale scree. Odd weathering patterns - irregular blotchy black rims irregular orangey	WHI11001984	0.84	0.05
RDU_SCAR_617458	Rock	CM	27/08/2011	UTM83-8	7123156	600188	1398	Shale, although sometimes it's almost massive, usually grey brown although often dark blue with an almost pearly luster. From an orangey-brown section on an otherwise red shale slope in Discovery zone.	WHI11001984	0.81	0.05
RDU_SCAR_617459	Rock	CM	27/08/2011	UTM83-8	7123217	600318	1389	A limestone of some sort, discontinuously effervescent. Fresh surfaces display white calcite and dark microcrystalline material with sometimes micaceous habit. From shale slope, Discovery zone	WHI11001984	1.16	0.05
RDU_SCAR_617460	Rock	CM	27/08/2011	UTM83-8	7123161	600413	1385	Plucked from a ridge at an apparent shale/dolostone contact in Discovery zone. Texture ranges irregularly from massive to crystalline. Heavily weathered, rusted looking, cm-scale geoidlike-pockets throughout. Some are filled with calcite.	WHI11001984	1.72	0.05
RDU_SCAR_617461	Rock	CM	27/08/2011	UTM83-8	7123111	600503	1380	From top of a peak 600m west of supergossan in the Discovery zone. Classic gossan bits, very rough texture - Rusty brown, black, rusty orange, occasionally deep red	WHI11001984	1.25	0.4
RDU_SCAR_617462	Rock	CM	27/08/2011	UTM83-8	7123002	601037	1206	From along creek winding through Supergossan area in Discovery zone - water weathering seems to have turned small areas of the gossan to deep red colour. The result looks like spilt transmission fluid as it leaks into the creek.	WHI11001984	0.72	0.05
RDU_SCAR_617463	Rock	CM	27/08/2011	UTM83-8	7122999	601062	1203	From supergossan. Gossaned conglomerate? Layers are visible, with mostly subrounded to subangular clasts. Matrix is gossaned to deep rusty browns and oranges, clasts are sometimes not weathered and are a massive grey but do not effervesce.	WHI11001984	0.87	0.05
RDU_SCAR_617464	Rock	CM	27/08/2011	UTM83-8	7122993	601057	1203	From supergossan. Protogossan?? Quite dense/heavy. Messy looking, with subrounded - subangular qtz clasts in a grey matrix that does not effervesce. Surface weathers deep orange to brown.	WHI11001984	0.38	0.05
RDU_SCAR_617465	Rock	CM	27/08/2011	UTM83-8	7123002	601056	1202	From supergossan. Extracted ~1ft beneath rest of the surface, from where creek incises gossan. Black/brown/dark orange with almost fibrous textures, and a few ungossaned limestone clasts.	WHI11001984	0.78	0.05
RDU_SCAR_617466	Rock	CM	27/08/2011	UTM83-8	7122995	601038	1206	Material from the supergossan chosen due occurrences of a shiny, vitreous surface that resembles a cross between obsidian and a burnt sugar coating.	WHI11001984	0.99	0.05
RDU_SCAR_617467	Rock	CM	27/08/2011	UTM83-8	7122988	601038	1203		WHI11001984	1.07	0.05

Sample Number	Al_1Dx_pct	As_1Dx_ppm	Au_1Dx_ppm	B_1Dx_ppm	Ba_1Dx_ppm	Bi_1Dx_ppm	Ca_1Dx_pct	Cd_1Dx_ppm	Co_1Dx_ppm	Cr_1Dx_ppm	Cu_1Dx_ppm	Fe_1Dx_pct	Ga_1Dx_ppm	Hg_ppm	K_1Dx_pct	La_1Dx_ppm	Mg_1Dx_pct	Mn_1Dx_ppm	Mo_1Dx_ppm
RDU_SCAR_119176	0.02	15.4	1	10	6	0.05	11.8	1.8	0.7	0.5	1.3	11.77	0.5	1.73	0.005	1	3.86	788	2.9
RDU_SCAR_119177	0.11	15.9	1	10	52	0.05	33.18	0.2	0.9	8	6.5	3.82	0.5	0.03	0.04	3	0.48	29	0.8
RDU_SCAR_119178	0.03	18.2	1	10	12	0.05	36.56	1.5	0.3	0.5	1.1	0.07	0.5	0.005	0.005	2	0.19	55	0.2
RDU_SCAR_119179	0.04	24.3	1	10	16	0.05	35.11	0.8	0.6	1	1.8	0.09	0.5	0.005	0.01	2	0.21	75	0.3
RDU_SCAR_119180	0.03	13.4	1	10	10	0.05	35.76	1.6	0.4	0.5	1.5	0.04	0.5	0.005	0.005	2	0.2	53	0.4
RDU_SCAR_119507	0.34	28.9	5	10	262	0.05	0.3	1.8	7.7	10	16.7	39.87	1	0.24	0.1	12	0.22	1165	108.7
RDU_SCAR_617456	0.06	5.4	1	10	25	0.05	23.42	0.2	0.7	3	2.6	0.16	0.5	0.02	0.03	3	8.04	95	0.6
RDU_SCAR_617457	2.4	16.5	2	10	934	0.3	10.33	0.05	29.6	38	50.6	2.24	6	0.01	0.3	31	0.52	5986	1.3
RDU_SCAR_617458	3.21	15.8	1	10	527	1.5	0.18	0.2	66.2	29	551.4	9.45	9	0.005	0.19	5	0.88	10000	3.7
RDU_SCAR_617459	0.18	12.3	1	10	97	0.2	11.56	0.1	33.3	5	23.1	7.98	0.5	0.005	0.07	5	3.58	10000	0.1
RDU_SCAR_617460	0.03	0.8	1	10	4	0.05	16.16	3.9	0.9	1	0.6	0.67	0.5	0.11	0.005	0.5	11.63	1501	0.2
RDU_SCAR_617461	0.04	5.9	1	10	46	0.05	0.32	43.6	0.8	2	3.9	40	4	1.38	0.005	0.5	0.2	1116	1
RDU_SCAR_617462	0.05	1.6	1	10	48	0.05	1.85	0.1	4.8	0.5	1.5	40	0.5	0.005	0.02	1	0.19	2536	0.05
RDU_SCAR_617463	0.37	2.9	1	10	30	0.2	0.17	0.1	4.3	6	15.5	29.26	1	0.04	0.14	5	0.1	362	0.3
RDU_SCAR_617464	0.18	71.2	1	10	13	0.1	0.07	0.05	7.2	17	18	1.31	0.5	0.68	0.06	2	0.03	70	0.3
RDU_SCAR_617465	0.23	1.9	1	10	51	0.05	0.24	0.2	6.3	4	5.7	40	0.5	0.02	0.04	2	0.15	1620	0.2
RDU_SCAR_617466	0.07	1.5	1	10	19	0.05	0.23	0.05	2.3	2	2.4	40	0.5	0.03	0.02	4	0.13	863	0.1
RDU_SCAR_617467	0.16	2.1	1	10	112	0.05	0.21	0.3	12.8	3	6	40	0.5	0.03	0.04	2	0.15	6446	0.05

Sample Number	Na_1Dx_ pct	Ni_1Dx_ ppm	P_1Dx_ pct	Pb_1Dx_ ppm	Pb_7TD_ pct	S_1Dx_pct	Sb_1Dx_ ppm	Sc_1Dx_ ppm	Se	Sr_1Dx_ ppm	Te_ppm	Th_1Dx_ ppm	Ti_1Dx_ pct	Tl_ppm	V_1Dx_ ppm	W_1Dx_ ppm	Zn_1Dx_ ppm	Zn_pct
RDU_SCAR_119176	0.004	2	0.046	184.6		9.11	1.4	0.05	0.25	46	0.1	0.1	0.0005	47.2	1	0.05	3454	
RDU_SCAR_119177	0.0005	5.9	0.029	8.9		0.025	0.9	0.6	1.9	37	0.1	0.4	0.0005	1.8	37	0.05	12	
RDU_SCAR_119178	0.001	17.3	0.011	2.2		0.025	0.1	0.3	0.25	65	0.1	0.05	0.0005	0.8	5	0.05	106	
RDU_SCAR_119179	0.002	19.3	0.013	1.4		0.025	0.2	0.3	0.25	54	0.1	0.2	0.0005	0.5	6	0.05	76	
RDU_SCAR_119180	0.002	16.6	0.011	1.9		0.025	0.1	0.5	0.25	52	0.1	0.1	0.0005	0.4	3	0.05	98	
RDU_SCAR_119507	0.0005	40.2	0.224	8.5		0.025	0.9	3.3	0.25	25	0.1	2.2	0.003	6.6	26	0.05	369	
RDU_SCAR_617456	0.01	5	0.032	2.3		0.025	0.3	0.4	0.25	98	0.1	0.5	0.0005	0.1	19	0.1	25	
RDU_SCAR_617457	0.044	27.4	5	13.3		0.025	0.3	9.6	0.25	123	0.1	5.8	0.017	0.1	57	0.1	86	
RDU_SCAR_617458	0.018	84	0.035	12.3		0.025	0.05	15	0.25	6	0.1	5.4	0.003	0.05	34	0.05	229	
RDU_SCAR_617459	0.017	20.7	0.012	106.9		0.025	0.05	7.9	0.25	71	0.1	1.9	0.0005	0.05	16	0.05	85	
RDU_SCAR_617460	0.017	0.2	0.025	42.7		0.025	0.05	0.2	0.25	39	0.1	0.05	0.0005	0.05	1	0.05	989	
RDU_SCAR_617461	0.009	1.8	0.046	10000	1.86	0.31	0.05	0.6	0.9	2	0.1	0.3	0.0005	8.1	4	0.05	10000	2.91
RDU_SCAR_617462	0.008	14.3	0.005	4.8		0.09	0.05	0.5	0.25	44	0.1	0.2	0.0005	35.7	4	0.05	6448	
RDU_SCAR_617463	0.012	14.5	0.019	40.7		0.025	0.1	2.8	0.25	15	0.1	3.4	0.001	12.8	10	0.05	4551	
RDU_SCAR_617464	0.007	7.3	0.007	8.3		0.025	2.8	1.7	0.25	19	0.1	1.3	0.0005	0.5	17	0.05	50	
RDU_SCAR_617465	0.008	17.1	0.012	9.5		0.025	0.05	1.2	0.25	12	0.1	0.8	0.001	30.2	8	0.05	4737	
RDU_SCAR_617466	0.008	8.5	0.006	2.6		0.025	0.05	1	0.25	9	0.1	0.3	0.0005	9.6	4	0.05	9327	
RDU_SCAR_617467	0.008	30.2	0.014	7.1		0.025	0.05	1.3	0.25	23	0.1	1.2	0.0005	103.7	7	0.05	6432	

APPENDIX C

Soil Sample Locations
and
Analytical Results

RACKLA METALS INC.																																								
Scarlet West Property (Car & Lin Claims) - 2011 Soil Sample Locations and Analytical Results																																								
Sample No.	Sampler	Sample_Date	grid_type	north	east	elevation	lab_ref_number	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm																		
118051	LB	29/06/2011	UTM83-8	7127513	594178	1548	WHI11000454	32.00	0.61	35.40	1.20	2.00	103.30	0.80	0.13	22.16	1.06	20.40	6.40	8.60	1.48	15.97																		
118052	LB	29/06/2011	UTM83-8	7127552	594158	1529	WHI11000454	28.00	0.33	9.30	1.60	2.00	50.60	0.30	0.06	20.73	0.59	9.90	3.50	7.10	0.84	8.90																		
118053	LB	29/06/2011	UTM83-8	7127584	594126	1547	WHI11000454	17.00	0.08	2.70	0.50	2.00	16.70	0.05	0.03	21.13	0.14	4.40	1.10	3.30	0.31	2.93																		
118054	LB	29/06/2011	UTM83-8	7127664	594047	1498	WHI11000454	247.00	0.08	6.20	0.10	2.00	30.60	0.05	0.03	19.39	0.54	5.40	1.50	6.60	0.21	5.48																		
118055	LB	29/06/2011	UTM83-8	7127780	594014	1410	WHI11000454	24.00	0.20	10.20	0.10	3.00	71.90	0.40	0.09	24.07	0.33	9.10	3.90	7.10	0.75	8.16																		
118056	LB	29/06/2011	UTM83-8	7127885	594110	1365	WHI11000454	23.00	0.33	20.30	1.10	2.00	60.10	0.30	0.06	22.39	0.74	13.60	4.60	5.00	1.11	9.61																		
118101	FT	28/06/2011	UTM83-8	7124347	597887	1426	WHI11000454	97.00	0.83	9.40	0.50	4.00	152.80	0.60	0.13	7.25	0.44	32.70	7.50	21.30	0.46	15.44																		
118102	FT	28/06/2011	UTM83-8	7124453	597893	1435	WHI11000454	138.00	0.93	12.00	0.10	5.00	188.90	0.80	0.14	7.87	0.54	27.40	6.40	21.50	0.39	14.04																		
118103	FT	28/06/2011	UTM83-8	7124526	597915	1452	WHI11000454	125.00	0.49	5.80	0.10	3.00	71.70	0.50	0.06	15.32	0.44	9.40	3.70	12.10	0.45	7.32																		
118104	FT	28/06/2011	UTM83-8	7124582	597991	1464	WHI11000454	59.00	0.59	7.40	0.80	6.00	232.00	0.80	0.10	10.15	0.56	38.30	6.20	11.70	0.56	11.85																		
118105	FT	28/06/2011	UTM83-8	7124684	598005	1461	WHI11000454	103.00	0.90	11.80	0.10	9.00	197.50	1.10	0.12	8.59	0.24	55.20	8.60	21.30	0.41	15.10																		
118106	FT	28/06/2011	UTM83-8	7124777	598014	1461	WHI11000454	71.00	0.67	14.70	0.10	9.00	123.90	0.30	0.10	12.02	0.50	45.70	6.70	19.50	0.56	15.21																		
118107	FT	28/06/2011	UTM83-8	7124876	597995	1471	WHI11000454	110.00	0.62	10.00	0.10	9.00	176.10	0.60	0.10	14.20	0.26	20.10	5.10	20.80	0.32	11.43																		
118108	FT	28/06/2011	UTM83-8	7124977	597977	1473	WHI11000454	320.00	0.92	30.70	0.90	10.00	190.10	0.60	0.15	5.59	0.80	22.10	9.20	27.40	0.50	20.02																		
118109	FT	28/06/2011	UTM83-8	7125001	598059	1504	WHI11000454	96.00	0.49	8.70	0.10	6.00	92.90	0.50	0.11	12.88	0.17	41.80	6.70	17.20	0.30	14.68																		
118110	FT	28/06/2011	UTM83-8	7125040	598167	1519	WHI11000454	80.00	0.71	6.60	0.10	7.00	548.70	0.70	0.10	9.09	0.52	46.00	6.10	15.30	0.38	11.79																		
118111	FT	28/06/2011	UTM83-8	7125081	598273	1525	WHI11000454	52.00	0.34	6.70	0.10	5.00	70.70	0.10	0.05	15.12	0.20	27.30	4.20	10.80	0.38	8.19																		
118112	FT	28/06/2011	UTM83-8	7125176	598428	1539	WHI11000454	75.00	0.60	5.60	1.60	4.00	62.00	0.40	0.07	15.43	3.37	11.70	4.10	18.00	0.61	14.42																		
118113	FT	28/06/2011	UTM83-8	7125224	598512	1553	WHI11000454	165.00	1.90	13.70	2.40	4.00	159.10	0.60	0.16	2.51	0.56	30.80	11.40	40.00	1.40	24.97																		
118114	FT	28/06/2011	UTM83-8	7125124	598504	1554	WHI11000454	161.00	0.79	11.60	2.70	8.00	104.80	0.20	0.09	11.00	0.44	16.30	5.30	26.70	0.79	14.69																		
118115	FT	28/06/2011	UTM83-8	7125015	598534	1538	WHI11000454	122.00	0.48	7.20	0.80	9.00	178.90	0.60	0.09	12.10	0.17	37.80	7.40	15.00	0.53	14.48																		
118116	FT	28/06/2011	UTM83-8	7124948	598598	1503	WHI11000454	78.00	0.58	6.70	0.70	10.00	186.90	1.30	0.08	10.71	0.20	51.70	5.90	10.60	0.61	10.18																		
118117	FT	28/06/2011	UTM83-8	7124896	598661	1490	WHI11000454	94.00	0.42	6.70	0.30	10.00	124.90	0.90	0.10	9.89	0.24	43.40	6.40	12.40	0.38	11.40																		
118118	FT	28/06/2011	UTM83-8	7124858	598793	1494	WHI11000454	61.00	0.33	4.90	0.10	6.00	124.20	0.70	0.06	14.38	0.24	33.00	5.10	9.40	0.50	8.92																		
118119	FT	28/06/2011	UTM83-8	7124836	598924	1494	WHI11000454	101.00	0.61	3.90	0.10	11.00	145.20	0.60	0.08	12.85	0.19	46.90	7.60	10.30	0.69	12.41																		
118120	FT	28/06/2011	UTM83-8	7124911	599043	1484	WHI11000454	106.00	1.28	4.90	0.60	11.00	189.60	1.10	0.15	1.38	0.42	32.70	10.50	22.20	1.73	18.22																		
118121	FT	28/06/2011	UTM83-8	7125007	599091	1481	WHI11000454	62.00	1.33	2.80	0.10	9.00	167.60	1.00	0.16	2.94	0.11	28.00	12.10	21.80	2.07	20.59																		
118122	FT	28/06/2011	UTM83-8	7125103	599088	1463	WHI11000454	31.00	0.89	2.10	0.10	7.00	107.20	0.90	0.10	12.49	0.04	20.20	11.50	16.70	1.45	13.62																		
118123	FT	28/06/2011	UTM83-8	7125226	599083	1455	WHI11000454	37.00	1.19	2.60	1.10	8.00	101.30	1.00	0.12	6.45	0.06	24.10	11.10	19.10	1.01	14.77																		
118201	FT	29/06/2011	UTM83-8	7125438	599419	1575	WHI11000454	97.00	1.61	3.10	0.10	4.00	160.50	1.70	0.16	1.42	0.46	34.30	13.50	25.00	1.05	15.22																		
118202	FT	29/06/2011	UTM83-8	7125398	599520	1517	WHI11000454	178.00	1.46	4.70	1.30	7.00	99.40	1.30	0.22	2.71	0.20	28.10	20.70	24.10	2.73	24.76																		
118203	FT	29/06/2011	UTM83-8	7125315	599720	1481	WHI11000454	130.00	1.42	4.50	0.10	8.00	97.20	1.00	0.22	1.41	0.15	30.80	18.80	26.00	2.20	23.32																		
118204	FT	29/06/2011	UTM83-8	7124972	599751	1455	WHI11000454	64.00	1.39	7.70	1.00	5.00	461.50	2.20	0.26	0.40	0.09	24.20	18.00	27.40	3.90	32.95																		
118205	FT	29/06/2011	UTM83-8	7124937	599754	1454	WHI11000454	76.00	1.36	9.00	1.20	5.00	418.50	1.90	0.28	0.31	0.09	30.30	14.60	26.60	4.47	32.20																		
118206	FT	29/06/2011	UTM83-8	7124596	599763	1435	WHI11000454	33.00	1.14	6.90	2.10	1.00	996.90	1.90	0.28	0.19	0.03	12.40	16.50	32.70	3.37	46.24																		
118207	FT	29/06/2011	UTM83-8	7124364	599622	1398	WHI11000454	150.00	0.95	10.30	3.20	11.00	153.30	0.20	0.15	7.07	0.54	32.70	14.10	27.00	2.74	23.07																		
118208	FT	29/06/2011	UTM83-8	7124311	599620	1393	WHI11000454	232.00	1.31	10.60	1.90	4.00	353.10	1.80	0.31	0.59	0.25	26.40	18.00	26.90	4.05	43.88																		
118209	FT	29/06/2011	UTM83-8	7124151	599590	1368	WHI11000454	220.00	1.22	12.80	0.70	7.00	407.70	1.10	0.31	1.64	0.29	30.40	18.70	24.50	3.77	41.80																		
118210	FT	29/06/2011	UTM83-8	7123966	599599	1337	WHI11000454	75.00	0.46	5.70	0.10	6.00	210.70	0.50	0.10	14.23	1.31	23.60	8.20	10.70	1.08	14.76																		
118211	FT	29/06/2011	UTM83-8	7123843	599666	1322	WHI11000454	31.00	0.77	10.00	0.30	3.00	323.50	2.10	0.37	0.98	0.19	13.30	12.70	25.30	3.66	20.97																		

Sample No.	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppb	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppb	S_pct	Sb_ppm	Sc_ppm
118051	1.28	1.70	0.05	0.15	44.00	0.01	0.07	9.90	3.10	3.68	332.00	2.00	0.01	0.09	56.70	0.07	14.84	16.00	1.00	4.40	0.50	0.01	0.77	2.50
118052	0.61	0.70	0.05	0.07	40.00	0.01	0.04	7.30	2.60	8.37	172.00	1.58	0.01	0.08	26.30	0.05	10.66	5.00	2.00	2.80	0.50	0.01	0.40	1.50
118053	0.16	0.20	0.05	0.03	16.00	0.01	0.02	4.30	1.10	9.48	63.00	0.66	0.01	0.04	6.20	0.01	7.22	5.00	1.00	1.00	0.50	0.01	0.16	0.50
118054	0.36	0.20	0.05	0.01	9.00	0.01	0.03	3.80	1.10	9.36	78.00	2.80	0.01	0.04	12.30	0.06	6.05	5.00	1.00	1.40	0.50	0.01	0.29	0.50
118055	0.75	0.60	0.05	0.05	22.00	0.01	0.06	5.00	1.30	5.15	84.00	2.14	0.01	0.05	19.80	0.05	10.20	5.00	1.00	3.50	0.50	0.01	0.43	1.20
118056	0.65	0.80	0.05	0.10	34.00	0.01	0.04	7.50	2.60	7.01	238.00	1.47	0.01	0.15	38.70	0.05	6.26	5.00	1.00	3.20	0.50	0.01	0.47	1.50
118101	1.95	1.90	0.05	0.04	17.00	0.02	0.08	17.80	6.60	3.14	391.00	0.85	0.01	0.26	24.80	0.08	10.99	5.00	1.00	5.20	0.50	0.02	0.42	2.80
118102	1.88	2.00	0.05	0.05	28.00	0.01	0.08	16.30	6.90	3.52	516.00	1.06	0.01	0.46	21.70	0.09	15.31	5.00	1.00	6.70	0.50	0.09	0.51	1.50
118103	0.77	1.10	0.05	0.01	22.00	0.01	0.03	7.90	3.20	7.55	453.00	0.49	0.01	0.10	17.00	0.07	13.25	5.00	1.00	3.70	0.50	0.03	0.28	0.30
118104	1.93	1.40	0.05	0.05	31.00	0.03	0.13	20.10	4.60	3.69	260.00	0.98	0.01	0.43	28.20	0.09	10.00	5.00	1.00	5.90	0.50	0.04	0.38	1.50
118105	2.58	2.00	0.05	0.09	24.00	0.01	0.21	27.70	7.40	2.05	351.00	1.22	0.01	0.42	31.50	0.12	18.61	5.00	1.00	7.40	0.50	0.03	0.42	2.50
118106	2.09	1.90	0.05	0.05	29.00	0.01	0.17	23.10	5.60	1.99	166.00	1.38	0.01	0.57	35.60	0.14	9.66	5.00	1.00	6.80	0.50	0.04	0.48	2.20
118107	1.39	1.20	0.05	0.04	38.00	0.01	0.09	13.60	4.50	0.82	229.00	1.14	0.01	0.28	21.80	0.13	12.40	5.00	1.00	4.70	0.50	0.13	0.46	0.80
118108	1.95	2.10	0.05	0.04	47.00	0.01	0.09	13.20	7.20	1.90	404.00	2.50	0.01	0.37	38.90	0.17	15.04	5.00	1.00	6.90	0.50	0.14	0.84	0.70
118109	1.87	1.20	0.05	0.06	15.00	0.03	0.16	23.60	5.50	2.96	249.00	1.10	0.01	0.21	29.20	0.07	14.58	5.00	1.00	5.80	0.50	0.01	0.30	3.10
118110	1.92	1.70	0.05	0.04	35.00	0.04	0.14	24.70	5.00	3.92	416.00	1.02	0.01	0.41	21.10	0.09	11.55	5.00	2.00	6.10	0.50	0.06	0.33	1.50
118111	1.40	0.90	0.05	0.03	15.00	0.02	0.09	13.90	2.90	6.19	239.00	1.01	0.01	0.17	16.30	0.06	5.72	5.00	1.00	4.40	0.50	0.01	0.25	1.70
118112	0.80	1.30	0.05	0.05	52.00	0.01	0.07	7.40	6.00	7.41	353.00	1.37	0.01	0.17	41.70	0.30	8.74	14.00	1.00	5.60	0.50	0.01	0.40	1.30
118113	2.84	4.40	0.05	0.04	34.00	0.03	0.13	14.60	17.00	0.62	374.00	2.22	0.01	0.42	34.40	0.88	14.57	5.00	1.00	12.40	0.50	0.05	0.97	2.40
118114	1.25	1.60	0.05	0.03	32.00	0.01	0.10	12.20	5.10	4.80	309.00	2.31	0.01	0.26	24.70	0.33	9.81	5.00	1.00	6.60	0.50	0.08	0.73	1.10
118115	2.00	1.30	0.05	0.04	28.00	0.04	0.18	20.70	4.20	3.02	187.00	1.07	0.01	0.40	27.50	0.07	11.94	5.00	1.00	7.40	0.50	0.04	0.22	2.70
118116	1.99	1.80	0.05	0.07	9.00	0.02	0.19	26.10	3.40	3.96	275.00	1.24	0.01	0.53	18.10	0.10	8.32	5.00	1.00	8.00	0.50	0.04	0.25	1.90
118117	1.92	1.20	0.05	0.05	20.00	0.01	0.19	22.90	2.60	3.40	205.00	0.87	0.01	0.57	22.30	0.08	12.18	5.00	1.00	6.80	0.50	0.07	0.19	2.50
118118	1.79	1.00	0.05	0.08	11.00	0.02	0.18	16.40	2.40	4.00	144.00	1.16	0.01	0.12	20.00	0.07	7.17	5.00	1.00	5.60	0.50	0.07	0.17	2.60
118119	2.26	2.00	0.05	0.04	8.00	0.03	0.24	22.70	4.20	2.07	297.00	1.08	0.01	0.31	23.50	0.09	9.86	5.00	1.00	9.90	0.50	0.03	0.13	3.00
118120	2.90	3.10	0.05	0.08	26.00	0.04	0.24	16.80	14.70	0.29	281.00	2.03	0.00	0.41	29.40	0.07	16.14	5.00	1.00	16.20	0.50	0.07	0.44	4.00
118121	3.44	2.70	0.05	0.11	24.00	0.05	0.23	14.50	17.90	0.47	301.00	1.58	0.01	0.33	37.90	0.08	18.79	5.00	1.00	12.80	0.50	0.07	0.17	4.80
118122	2.44	1.70	0.05	0.11	12.00	0.03	0.15	8.40	16.10	0.94	210.00	1.48	0.01	0.17	28.30	0.05	12.26	5.00	1.00	7.90	0.50	0.06	0.10	4.60
118123	2.88	2.10	0.05	0.12	24.00	0.03	0.16	11.00	15.10	0.56	256.00	1.36	0.01	0.21	29.80	0.06	14.04	5.00	1.00	8.60	0.50	0.05	0.10	4.30
118201	3.86	3.60	0.05	0.09	32.00	0.05	0.13	11.30	18.40	0.25	975.00	0.80	0.00	0.27	34.90	0.10	22.20	5.00	1.00	10.40	0.50	0.09	0.25	3.50
118202	3.80	3.30	0.05	0.10	32.00	0.05	0.23	10.70	26.30	0.49	501.00	1.62	0.00	0.14	44.90	0.07	30.58	5.00	1.00	14.40	0.50	0.03	0.23	6.00
118203	3.42	3.20	0.05	0.09	26.00	0.04	0.22	12.80	25.10	0.59	466.00	1.41	0.00	0.26	41.80	0.08	25.75	5.00	1.00	12.30	0.50	0.05	0.23	5.20
118204	3.23	3.60	0.05	0.11	26.00	0.03	0.18	8.90	22.90	0.44	2042.00	1.05	0.01	0.34	29.60	0.06	25.85	5.00	1.00	15.10	0.50	0.03	0.26	4.70
118205	2.98	3.90	0.05	0.06	18.00	0.01	0.16	13.40	22.90	0.51	1710.00	1.06	0.01	0.33	26.20	0.05	28.26	5.00	1.00	13.90	0.50	0.03	0.35	4.30
118206	3.40	3.50	0.05	0.05	8.00	0.02	0.14	4.60	16.90	0.34	3879.00	1.02	0.01	0.21	25.90	0.03	36.59	5.00	1.00	12.90	0.50	0.01	0.25	4.40
118207	2.98	2.70	0.05	0.05	14.00	0.04	0.21	13.90	15.90	3.04	582.00	3.45	0.01	0.25	35.80	0.15	29.63	5.00	1.00	14.50	4.00	0.10	0.57	5.60
118208	3.00	3.50	0.05	0.08	31.00	0.03	0.15	11.00	27.00	0.59	682.00	1.37	0.00	0.24	33.80	0.08	131.05	5.00	1.00	13.40	2.00	0.06	0.43	4.90
118209	2.64	3.50	0.05	0.10	44.00	0.02	0.15	11.40	24.60	0.76	1412.00	1.93	0.01	0.28	32.00	0.08	99.12	5.00	1.00	12.00	1.00	0.10	0.56	4.20
118210	1.83	1.40	0.05	0.03	21.00	0.01	0.14	11.50	7.60	3.68	250.00	1.97	0.01	0.14	46.80	0.09	10.67	5.00	1.00	6.90	2.00	0.05	0.44	2.80
118211	3.21	2.80	0.05	0.02	29.00	0.03	0.12	6.00	11.30	0.50	1989.00	1.38	0.01	0.40	21.20	0.05	45.29	5.00	1.00	11.10	0.50	0.03	0.51	3.70
118579	19.21	1.40	0.90	0.03	954.00	0.01	0.02	5.50	0.40	4.40	3988.00	1.11	0.01	0.04	3.90	0.09	10000.00		1.00	0.90	2.00	0.51	0.14	1.00
118901	1.17	1.00	0.05	0.02	12.00	0.01	0.06	8.70	3.40	4.63	194.00	1.48	0.01	0.17	30.90	0.06	6.03	5.00	1.00	3.30	0.50	0.01	0.46	1.70
118902	1.41	1.70	0.05	0.04	34.00	0.01	0.11	13.20	5.70	2.93	215.00	1.06	0.01	0.28	36.60	0.07	7.91	5.00	1.00	5.90	0.50	0.01	0.50	2.50
118903	0.38	0.30	0.05	0.01	2.50	0.01	0.04	3.50	0.90	9.25	84.00	1.71	0.01	0.05	5.70	0.01	3.20	5.00	1.00	1.70	0.50	0.01	0.20	0.70
118904	0.37	0.30	0.05	0.01	2.50	0.01	0.03	3.50	1.00	7.83	82.00	1.70	0.01	0.04	6.70	0.01	2.90	5.00	1.00	1.70	0.50	0.01	0.21	0.50
118905	0.52	0.40	0.05	0.01	6.00	0.01	0.05	4.20	1.60	9.04	107.00	2.35	0.01	0.05	9.40	0.02	4.28	5.00	1.00	2.60	1.00	0.01	0.27	0.80
118906	0.65	0.80	0.05	0.01	10.00	0.01	0.03	5.70	3.50	8.30	132.00	1.47	0.01	0.19	9.70	0.03	3.99	5.00	1.00	2.20	2.00	0.01	0.31	1.00
118907	0.47	0.40	0.05	0.01	2.50	0.01	0.04	4.10	1.40	9.23	106.00	1.95	0.01	0.07	7.90	0.02	3.76	5.00	1.00	2.30	0.50	0.01	0.25	0.80
118908	0.41	0.30	0.05	0.01	2.50	0.01	0.04	3.60	1.20	8.37	93.00	1.81	0.01	0.06	7.50	0.02	3.10	5.00	1.00	2.00	1.00	0.01	0.22	0.60
118909	0.47	0.40	0.05	0.01	6.00	0.01	0.04	4.00	1.50	9.12	110.00	1.98	0.01	0.08	8.40	0.02	3.49	5.00	1.00	2.30	1.00	0.01	0.27	0.70
118910	0.46	0.40	0.05	0.01	2.50	0.01	0.04	4.00	1.30	9.22	99.00	1.93	0.01	0.07	8.80	0.02	2.87	5.00	1.00	2.20	0.50	0.01	0.26	0.70
118911	0.49	0.50	0.05	0.01	2.50																			

Sample No.	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zn_pct	Zr_ppm
118051	0.50	4.60	74.40	0.03	0.01	2.70	0.01	0.82	3.90	35.00	0.05	12.51	167.30		9.5
118052	0.50	3.70	85.50	0.03	0.01	1.20	0.00	0.34	2.30	16.00	0.05	10.66	73.60		5.2
118053	0.30	4.20	79.20	0.03	0.01	0.30	0.00	0.15	0.80	6.00	0.05	4.13	17.50		1.1
118054	0.60	2.20	62.00	0.03	0.03	0.40	0.00	0.23	3.30	41.00	0.05	4.81	37.50		0.9
118055	0.20	4.20	101.20	0.03	0.06	1.50	0.00	0.33	3.80	11.00	0.05	6.11	39.70		3.8
118056	0.70	0.40	79.90	0.03	0.01	1.40	0.00	0.48	2.70	20.00	0.05	9.80	106.80		5.2
118101	0.60	1.40	45.00	0.03	0.01	1.30	0.01	0.25	0.60	30.00	0.05	13.05	81.40		1.1
118102	0.50	3.40	23.80	0.03	0.01	0.60	0.00	0.34	0.60	32.00	0.05	12.03	97.00		1.4
118103	0.80	3.60	34.60	0.03	0.01	0.10	0.00	0.13	0.30	15.00	0.05	8.52	72.90		0.3
118104	0.60	1.80	94.60	0.03	0.04	1.00	0.00	0.29	0.70	23.00	0.05	10.16	94.50		1.6
118105	0.40	7.40	81.30	0.03	0.01	1.60	0.00	0.22	0.80	27.00	0.05	13.95	85.00		2.7
118106	0.80	1.20	101.90	0.03	0.01	1.60	0.00	0.43	1.20	28.00	0.05	12.96	114.40		3.4
118107	0.90	3.70	54.70	0.03	0.01	0.20	0.00	0.22	1.10	24.00	0.05	10.72	56.40		0.8
118108	0.80	2.90	28.50	0.03	0.07	0.20	0.00	0.33	4.30	58.00	0.05	11.26	118.10		0.7
118109	0.70	3.70	142.20	0.03	0.01	2.50	0.00	0.09	0.70	21.00	0.05	11.99	65.40		1.9
118110	0.50	2.80	51.70	0.03	0.01	0.60	0.00	0.22	0.60	23.00	0.05	12.30	88.70		1.4
118111	0.60	0.70	85.60	0.03	0.01	1.00	0.00	0.17	0.60	15.00	0.05	7.76	55.90		1.1
118112	0.60	1.60	48.20	0.03	0.01	0.70	0.01	0.53	12.80	42.00	0.05	9.68	168.40		1.6
118113	0.50	1.10	40.90	0.03	0.01	1.20	0.02	0.34	32.90	115.00	0.20	12.89	96.50		0.9
118114	1.10	1.70	51.90	0.03	0.04	0.30	0.01	0.40	8.30	44.00	0.05	12.87	88.00		1
118115	0.40	2.20	134.10	0.03	0.01	1.70	0.00	0.38	0.70	20.00	0.05	11.23	49.30		2.8
118116	0.50	1.40	75.70	0.03	0.01	1.60	0.00	0.36	1.30	19.00	0.05	10.48	43.90		1.7
118117	0.50	2.10	93.30	0.03	0.01	1.60	0.00	0.43	0.90	16.00	0.05	10.58	65.40		2.2
118118	0.20	1.20	129.90	0.03	0.04	3.40	0.00	0.51	0.70	13.00	0.05	8.16	65.80		4.8
118119	0.30	1.80	189.70	0.03	0.07	2.80	0.00	0.33	0.60	20.00	0.05	9.96	58.80		2.4
118120	0.60	1.30	53.90	0.03	0.02	1.90	0.00	0.23	0.90	33.00	0.05	13.58	110.70		3.7
118121	0.70	2.20	102.20	0.03	0.01	1.80	0.00	0.26	0.70	26.00	0.05	14.61	92.10		4.5
118122	0.20	1.50	552.30	0.03	0.02	3.00	0.00	0.15	0.60	19.00	0.05	8.12	60.90		6.3
118123	0.40	1.20	322.90	0.03	0.01	2.00	0.00	0.15	0.60	20.00	0.05	9.74	76.10		5.7
118201	0.40	0.90	47.60	0.03	0.01	1.20	0.00	0.24	0.70	42.00	0.05	8.72	85.30		3.9
118202	0.80	1.00	109.70	0.03	0.03	4.60	0.00	0.25	0.70	31.00	0.05	10.35	113.00		6.5
118203	0.50	1.30	56.70	0.03	0.03	3.40	0.00	0.24	0.70	29.00	0.05	11.99	99.60		5.8
118204	0.30	1.20	24.20	0.03	0.04	4.00	0.01	0.16	1.30	26.00	0.05	12.18	72.40		2.8
118205	0.30	2.20	18.10	0.03	0.01	4.00	0.01	0.13	1.20	26.00	0.05	15.43	67.20		1.5
118206	0.20	2.20	16.30	0.03	0.05	5.90	0.01	0.10	1.40	25.00	0.20	8.58	59.20		1.2
118207	0.80	3.60	130.00	0.03	0.10	2.80	0.00	0.32	1.90	35.00	0.05	12.66	98.20		3.1
118208	0.80	1.40	56.10	0.03	0.04	3.20	0.00	0.15	1.20	21.00	0.05	19.41	106.00		4.2
118209	0.70	4.30	48.30	0.03	0.01	2.50	0.00	0.21	1.10	20.00	0.05	19.99	88.80		3.9
118210	0.50	0.70	200.10	0.03	0.03	2.40	0.00	0.38	1.80	22.00	0.05	10.63	156.70		3
118211	0.30	2.30	29.80	0.03	0.03	2.80	0.01	0.11	1.40	21.00	0.30	12.54	58.40		0.7
118579	1.00	0.30	28.90	0.03	0.01	0.70	0.00	16.04	3.60	1.00	0.05	6.85	10000.00		1.4
118901	0.30	1.00	77.50	0.03	0.05	1.60	0.01	0.35	1.40	19.00	0.05	9.29	99.60		2
118902	0.20	0.70	96.10	0.03	0.04	2.50	0.01	0.40	1.40	27.00	0.05	10.07	120.50		2.6
118903	0.20	0.05	70.00	0.03	0.04	0.40	0.00	0.18	0.60	6.00	0.05	3.99	17.10		0.4
118904	0.30	0.50	71.40	0.03	0.05	0.40	0.00	0.17	0.60	6.00	0.05	3.91	16.90		0.4
118905	0.20	0.70	82.00	0.03	0.06	0.60	0.00	0.19	0.90	9.00	0.05	4.48	21.00		0.5
118906	0.20	0.60	75.10	0.03	0.05	0.80	0.02	0.13	0.60	14.00	0.05	5.58	27.40		0.8
118907	0.20	0.80	79.20	0.03	0.06	0.50	0.00	0.18	0.90	8.00	0.05	4.53	19.10		0.5
118908	0.20	0.50	71.70	0.03	0.07	0.40	0.00	0.16	0.70	7.00	0.05	4.11	16.70		0.5
118909	0.30	0.70	79.60	0.03	0.04	0.50	0.00	0.17	0.80	9.00	0.05	4.66	19.20		0.5
118910	0.20	0.20	80.70	0.03	0.07	0.50	0.00	0.16	0.80	8.00	0.05	4.55	18.50		0.5
118911	0.30	0.40	79.00	0.03	0.08	0.50	0.01	0.19	0.80	9.00	0.05	4.95	23.10		0.5
118912	0.30	0.30	81.20	0.03	0.07	0.50	0.01	0.17	0.80	8.00	0.05	4.66	20.00		0.5
118913	0.60	1.80	57.90	0.03	0.06	0.10	0.00	5.77	1.50	1.00	0.05	1.73	4069.00		0.4
118914	0.30	0.90	90.10	0.03	0.04	0.10	0.00	8.40	1.90	1.00	0.05	1.77	3501.50		0.3
118915	0.30	1.80	48.00	0.03	0.04	0.10	0.00	3.20	0.80	1.00	0.05	1.60	852.90		0.3

Scarlet West Property (Car & Lin Claims) - 2011 Soil Sample Locations and Analytical Results																						
Sample No.	Sampler	Sample Date	grid_type	north	east	elevation	lab_ref_number	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm
118916	JB	29/06/2011	UTM83-8	7128648	592592	1249	WHI11000454	1248.00	0.08	32.70	0.70	2.00	15.50	0.20	0.02	11.24	0.48	4.30	1.30	2.60	0.35	5.30
118917	JB	29/06/2011	UTM83-8	7128556	592477	863	WHI11000454	1114.00	0.04	82.40	0.20	1.00	14.90	0.20	0.01	10.81	3.18	4.20	1.30	1.80	0.05	5.74
118918	JB	29/06/2011	UTM83-8	7128557	592469	865	WHI11000454	1911.00	0.05	78.50	0.10	1.00	18.70	0.30	0.01	11.90	4.31	5.70	1.10	2.70	0.06	7.35
118919	JB	29/06/2011	UTM83-8	7129095	594884	1428	WHI11000454	2122.00	1.38	351.60	1.20	3.00	85.40	1.90	0.14	2.26	12.69	11.30	29.40	18.70	1.93	42.44
118920	JB	29/06/2011	UTM83-8	7129415	594803	1470	WHI11000454	87.00	1.08	23.60	6.10	4.00	78.80	0.90	0.20	0.68	0.38	46.00	11.90	45.70	2.30	33.26
118997	CM	27/06/2011	UTM83-8	7127924	594198	1376	WHI11000454	707.00	0.96	333.30	10.10	6.00	69.80	0.80	0.38	2.17	0.27	50.00	34.20	14.80	0.82	39.68
118998	CM	27/06/2011	UTM83-8	7127969	596836	1429	WHI11000454	24.00	1.77	11.10	1.50	3.00	101.40	1.70	0.49	0.04	0.09	24.00	21.70	32.00	3.04	23.20
118999	JB	28/06/2011	UTM83-8	7123689	596924	1366	WHI11000454	150.00	1.72	22.00	1.40	4.00	282.10	1.60	0.25	2.89	3.66	54.40	13.40	30.90	1.04	43.59
119000	JB	28/06/2011	UTM83-8	7123947	596890	1351	WHI11000454	60.00	0.66	10.90	0.90	3.00	69.40	0.60	0.09	8.11	0.71	25.40	7.30	13.20	0.75	13.45
120589	SP	26/06/2011	UTM83-8	7126795	588575	1567	WHI11000454	179.00	1.48	50.10	2.40	5.00	112.20	0.70	0.22	4.64	0.43	35.80	10.40	27.50	3.78	22.93
120590	SP	26/06/2011	UTM83-8	7126729	588496	1544	WHI11000454	206.00	1.73	37.20	2.60	3.00	138.90	1.00	0.25	1.50	0.45	32.60	10.90	29.90	3.94	23.94
120591	SP	26/06/2011	UTM83-8	7126664	588413	1518	WHI11000454	188.00	1.40	26.00	1.40	6.00	151.90	1.20	0.24	1.87	0.78	32.50	10.60	25.20	6.38	25.72
120592	SP	26/06/2011	UTM83-8	7126577	588347	1484	WHI11000454	152.00	1.22	30.10	1.50	7.00	134.10	0.70	0.21	2.58	1.29	29.80	9.30	22.70	5.44	22.37
120593	SP	26/06/2011	UTM83-8	7126484	588297	1442	WHI11000454	69.00	0.60	190.30	1.20	6.00	69.00	0.50	0.10	8.66	0.29	16.20	4.50	12.00	6.26	11.86
120594	SP	26/06/2011	UTM83-8	7126391	588288	1409	WHI11000454	20.00	0.27	66.80	0.40	6.00	32.60	0.30	0.06	20.58	0.19	10.00	3.90	7.10	2.99	8.37
120595	SP	26/06/2011	UTM83-8	7126300	588242	1380	WHI11000454	59.00	0.26	62.30	0.10	3.00	55.10	0.20	0.10	18.70	0.21	10.50	3.60	7.30	1.96	6.14
120597	SP	26/06/2011	UTM83-8	7126147	588195	1333	WHI11000454	38.00	0.34	21.00	0.50	3.00	43.10	0.10	0.07	16.22	0.22	10.60	3.40	6.90	0.88	6.34
120598	SP	26/06/2011	UTM83-8	7125987	588112	1289	WHI11000454	71.00	0.28	18.70	0.40	4.00	46.10	0.40	0.05	8.81	0.05	26.60	9.20	24.50	5.22	17.63
120601	FT	25/06/2011	UTM83-8	7125504	596369	1430	WHI11000454	104.00	0.84	9.60	0.50	2.00	80.50	0.40	0.13	8.38	0.43	18.90	5.90	25.30	0.51	9.56
120602	FT	25/06/2011	UTM83-8	7125412	596369	1383	WHI11000454	100.00	1.26	9.30	0.60	4.00	96.80	0.50	0.16	7.28	0.57	22.70	6.60	24.30	0.77	10.49
120603	FT	27/06/2011	UTM83-8	7127483	588919	1316	WHI11000454	111.00	1.68	29.20	1.40	5.00	144.20	1.20	0.30	1.19	0.51	33.80	9.50	25.60	3.21	26.90
120604	FT	27/06/2011	UTM83-8	7127800	589471	1168	WHI11000454	84.00	0.74	24.70	0.80	3.00	58.70	0.70	0.17	8.03	0.20	16.70	7.30	17.10	5.56	19.52
120605	FT	27/06/2011	UTM83-8	7127865	589586	1138	WHI11000454	82.00	0.78	14.20	2.90	3.00	69.40	0.50	0.16	9.05	0.32	13.20	8.50	13.70	2.06	22.23
120606	FT	27/06/2011	UTM83-8	7127913	589686	1120	WHI11000454	104.00	0.83	13.80	2.50	2.00	84.40	0.60	0.14	6.03	0.36	14.70	7.10	15.00	0.75	18.08
120607	FT	27/06/2011	UTM83-8	7127789	590585	923	WHI11000454	86.00	0.70	23.70	1.30	5.00	87.70	0.60	0.15	5.33	0.35	14.00	8.50	13.70	2.88	23.42
120608	FT	27/06/2011	UTM83-8	7126884	593982	1891	WHI11000454	182.00	1.27	40.90	3.40	5.00	122.70	1.10	0.19	8.23	1.31	30.80	9.20	21.10	1.58	21.76
120609	FT	27/06/2011	UTM83-8	7126832	593918	1851	WHI11000454	109.00	1.62	51.60	1.80	3.00	145.10	1.50	0.26	5.95	0.74	47.50	8.90	18.00	1.54	30.95
120610	FT	27/06/2011	UTM83-8	7126792	593830	1804	WHI11000454	96.00	1.05	86.40	2.10	8.00	126.40	1.30	0.28	6.78	1.15	33.00	10.80	19.00	2.22	26.04
120611	FT	27/06/2011	UTM83-8	7126717	593753	1747	WHI11000454	25.00	0.30	18.60	0.30	3.00	49.30	0.40	0.12	13.65	0.17	15.00	4.80	6.60	0.95	12.42
120612	FT	27/06/2011	UTM83-8	7126664	593674	1705	WHI11000454	29.00	0.30	10.70	0.70	2.00	47.80	0.20	0.05	12.61	0.33	7.90	3.00	5.60	0.73	8.66
120613	FT	27/06/2011	UTM83-8	7126603	593594	1652	WHI11000454	36.00	0.34	7.00	0.80	3.00	42.20	0.20	0.06	12.24	0.27	8.50	3.30	6.80	0.60	7.76
120614	FT	27/06/2011	UTM83-8	7126545	593516	1599	WHI11000454	100.00	0.76	11.70	1.30	3.00	74.10	0.40	0.11	9.50	0.50	16.00	5.80	13.50	0.78	14.83
120615	FT	27/06/2011	UTM83-8	7126481	593443	1550	WHI11000454	55.00	0.38	5.50	0.60	1.00	39.60	0.20	0.04	11.47	0.32	9.60	3.00	7.50	0.39	6.73
120616	FT	27/06/2011	UTM83-8	7126409	593383	1500	WHI11000454	157.00	0.45	10.70	0.50	1.00	53.80	0.30	0.07	11.50	0.41	12.50	3.70	10.80	0.92	9.56
120617	FT	27/06/2011	UTM83-8	7126343	593319	1463	WHI11000454	94.00	1.07	17.00	2.70	2.00	104.10	0.60	0.16	7.43	0.64	29.50	8.20	17.40	0.71	13.26
120618	FT	27/06/2011	UTM83-8	7126284	593243	1437	WHI11000454	185.00	1.90	13.30	1.10	3.00	133.80	0.80	0.17	1.27	0.24	39.50	12.70	25.10	0.89	35.47
120619	FT	27/06/2011	UTM83-8	7126210	593180	1392	WHI11000454	118.00	1.63	8.00	0.60	4.00	145.10	1.00	0.14	1.58	0.42	40.20	11.70	21.80	0.81	21.93
120620	FT	27/06/2011	UTM83-8	7126145	593104	1367	WHI11000454	60.00	2.07	17.30	1.10	1.00	132.50	0.80	0.25	0.81	1.40	46.30	9.40	28.00	1.38	12.52
120621	FT	27/06/2011	UTM83-8	7126065	593029	1353	WHI11000454	86.00	0.67	9.30	0.90	2.00	56.70	0.30	0.06	12.42	0.32	20.10	5.80	12.10	0.50	9.20
120622	DS	28/06/2011	UTM83-8	7125389	597387	1313	WHI11000454	98.00	1.09	6.90	0.60	4.00	109.70	0.90	0.14	5.80	0.32	34.40	11.70	17.70	0.75	16.57
120623	DS	29/06/2011	UTM83-8	7127202	598190	1771	WHI11000454	72.00	0.80	7.50	3.50	1.00	53.30	0.20	0.18	0.08	0.12	17.30	4.20	20.40	1.35	14.04
120624	DS	29/06/2011	UTM83-8	7127116	598138	1738	WHI11000454	123.00	0.64	6.20	0.60	2.00	58.90	0.50	0.21	0.07	0.05	7.80	3.70	14.30	2.17	17.98
120625	DS	29/06/2011	UTM83-8	7127054	598058	1698	WHI11000454	71.00	0.90	6.30	0.60	1.00	60.50	0.60	0.22	0.03	0.08	10.70	6.10	16.00	2.34	17.53
120626	DS	29/06/2011	UTM83-8	7126979	597991	1662	WHI11000454	97.00	1.22	7.90	1.50	2.00	81.50	0.70	0.36	0.03	0.10	12.50	5.30	18.60	3.63	22.26
120627	DS	29/06/2011	UTM83-8	7126880	597980	1610	WHI11000454	79.00	0.66	4.90	0.40	2.00	63.60	0.50	0.20	0.01	0.04	9.40	2.60	12.20	2.53	14.71
120628	DS	29/06/2011	UTM83-8	7126782	597956	1574	WHI11000454	130.00	0.99	3.50	0.50	5.00	126.00	1.10	0.15	8.83	0.33	31.40	11.80	15.70	1.82	16.50
120629	DS	29/06/2011	UTM83-8	7126681	597949	1538	WHI11000454	79.00	0.73	5.00	2.20	1.00	55.90	0.40	0.13	0.09	0.16	11.90	3.40	13.00	1.27	11.79
120630	DS	29/06/2011	UTM83-8	7126567	597979	1496	WHI11000454	219.00	2.01	5.80	0.80	4.00	234.00	2.20	0.19	0.29	1.11	52.30	180.00	20.20	2.79	41.43
120631	DS	29/06/2011	UTM83-8	7126457	598007	1460	WHI11000454	125.00	1.04	2.70	0.20	2.00	109.10	0.80	0.14	0.23	0.11	33.10	5.60	15.70	1.54	11.44
120632	DS	29/06/2011	UTM83-8	7126370	598052	1431	WHI11000454	71.00	1.17	4.60	2.90	2.00	106.70	1.00	0.17	0.14	0.17	40.20	8.40	17.90	1.52	12.62
121513	SD	27/06/2011	UTM83-8	7127489	595949	1674	WHI11000454	126.00	0.69	9.00	1.30</											

Sample No.	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppb	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppb	S_pct	Sb_ppm	Sc_ppm
118916	14.01	0.30	0.10	0.01	2052.00	0.01	0.03	2.80	0.40	4.70	1321.00	5.59	0.01	0.04	2.90	0.13	261.43	5.00	1.00	1.30	0.50	1.92	3.33	0.30
118917	15.88	0.30	0.40	0.01	1445.00	0.01	0.01	2.60	0.40	5.18	1492.00	13.36	0.01	0.03	3.00	0.11	497.40	5.00	1.00	0.30	3.00	1.13	6.35	0.40
118918	12.39	0.30	0.20	0.01	1520.00	0.01	0.01	3.40	0.40	5.91	1385.00	14.32	0.01	0.03	3.00	0.15	883.08	5.00	1.00	0.40	0.50	0.45	8.48	0.20
118919	19.68	2.40	0.05	0.05	50000.00	0.01	0.05	8.40	4.50	1.32	4267.00	4.15	0.00	0.11	71.20	0.09	1774.54	5.00	1.00	5.30	7.00	0.05	32.82	8.80
118920	2.92	3.10	0.05	0.07	115.00	0.04	0.08	22.40	17.20	0.73	429.00	0.85	0.00	0.20	29.90	0.06	17.69	5.00	1.00	9.40	0.50	0.04	0.81	7.10
118997	10.32	3.10	0.05	0.15	596.00	0.07	0.92	20.00	9.20	1.04	494.00	22.64	0.05	0.34	44.80	0.19	130.86	5.00	1.00	14.30	0.50	1.77	4.92	6.30
118998	4.44	6.10	0.05	0.07	26.00	0.05	0.10	7.60	34.70	0.53	1671.00	0.95	0.00	0.39	32.50	0.05	45.75	5.00	1.00	12.80	0.50	0.01	0.48	3.50
118999	3.24	4.40	0.05	0.15	127.00	0.05	0.13	31.10	11.60	1.55	522.00	2.87	0.01	0.61	166.80	0.17	18.77	30.00	1.00	10.20	0.50	0.04	1.19	4.70
119000	1.98	1.50	0.05	0.03	24.00	0.01	0.07	12.20	4.70	3.87	202.00	1.81	0.01	0.30	30.50	0.07	6.68	5.00	1.00	4.10	0.50	0.01	0.52	2.00
120589	2.68	4.00	0.05	0.05	47.00	0.01	0.09	16.90	11.30	2.59	452.00	1.10	0.01	0.53	30.20	0.08	13.46	5.00	1.00	11.30	0.50	0.02	0.65	3.50
120590	2.95	5.00	0.05	0.06	58.00	0.03	0.08	16.70	11.50	0.69	539.00	1.23	0.01	0.62	36.20	0.13	16.08	5.00	1.00	11.30	0.50	0.09	0.73	2.50
120591	2.50	4.10	0.05	0.03	68.00	0.04	0.08	16.10	11.10	0.42	526.00	1.42	0.01	0.60	34.30	0.13	16.33	5.00	1.00	12.30	0.50	0.12	0.81	1.70
120592	2.18	3.40	0.05	0.05	65.00	0.03	0.09	14.70	8.90	0.48	396.00	1.48	0.01	0.70	29.90	0.14	14.58	5.00	1.00	11.10	0.50	0.16	0.68	1.70
120593	1.26	1.40	0.05	0.02	22.00	0.01	0.10	7.40	3.70	4.70	114.00	1.76	0.01	0.18	18.80	0.06	7.33	5.00	1.00	8.20	0.50	0.04	0.41	1.30
120594	0.78	0.70	0.05	0.03	14.00	0.01	0.07	4.60	2.30	6.68	101.00	1.40	0.01	0.07	15.70	0.02	5.29	5.00	1.00	4.80	0.50	0.01	0.30	1.10
120595	0.98	0.60	0.05	0.02	14.00	0.01	0.06	4.60	2.00	7.30	133.00	0.77	0.01	0.07	12.50	0.02	7.71	5.00	1.00	3.30	0.50	0.01	0.47	1.50
120597	0.82	0.90	0.05	0.03	9.00	0.01	0.04	5.80	3.30	7.43	163.00	0.71	0.01	0.09	10.20	0.03	5.96	5.00	1.00	3.20	0.50	0.01	0.30	0.90
120598	2.64	0.70	0.05	0.01	21.00	0.01	0.14	11.00	0.80	5.27	343.00	0.65	0.01	0.06	26.90	0.10	11.62	5.00	1.00	5.70	0.50	0.25	0.28	6.60
120601	1.69	1.70	0.05	0.02	32.00	0.01	0.04	11.70	4.90	5.19	334.00	2.39	0.01	0.28	18.60	0.06	8.45	5.00	1.00	4.50	0.50	0.03	0.62	2.90
120602	1.86	2.40	0.05	0.01	24.00	0.02	0.05	13.40	7.00	4.30	456.00	2.34	0.01	0.35	20.10	0.10	11.79	5.00	1.00	6.70	0.50	0.07	0.58	1.40
120603	3.06	4.90	0.05	0.07	36.00	0.04	0.16	16.10	15.20	0.52	462.00	1.38	0.01	0.53	27.60	0.10	22.71	5.00	1.00	18.20	0.50	0.07	0.57	3.70
120604	2.14	1.90	0.05	0.04	37.00	0.01	0.12	7.70	7.60	4.59	247.00	2.70	0.01	0.14	23.00	0.04	15.49	5.00	1.00	7.70	0.50	0.01	0.69	2.40
120605	2.16	2.00	0.05	0.05	48.00	0.04	0.08	6.30	11.90	4.16	329.00	1.22	0.01	0.13	20.10	0.04	19.45	5.00	1.00	4.90	1.00	0.03	0.68	2.60
120606	1.90	2.20	0.05	0.04	39.00	0.02	0.06	7.40	10.70	3.55	281.00	0.88	0.01	0.24	18.80	0.06	14.54	5.00	1.00	4.60	0.50	0.01	0.73	2.10
120607	2.09	2.00	0.05	0.04	57.00	0.03	0.08	6.50	11.10	2.81	242.00	1.25	0.00	0.13	22.30	0.06	30.48	5.00	1.00	7.80	0.50	0.05	0.90	2.90
120608	2.15	2.90	0.05	0.10	91.00	0.03	0.09	15.20	8.90	0.88	466.00	1.88	0.01	0.42	67.90	0.10	13.73	16.00	1.00	6.40	0.50	0.05	1.10	2.20
120609	3.02	5.20	0.05	0.24	75.00	0.05	0.08	15.10	10.30	0.30	508.00	3.01	0.00	0.92	66.60	0.09	18.09	5.00	3.00	6.90	2.00	0.01	1.45	4.40
120610	2.51	2.30	0.05	0.03	44.00	0.03	0.15	15.40	5.30	0.92	598.00	4.01	0.00	0.27	76.30	0.11	17.66	18.00	1.00	8.80	1.00	0.11	1.46	1.50
120611	1.08	0.60	0.05	0.03	9.00	0.01	0.09	6.30	1.60	5.44	141.00	2.42	0.01	0.06	18.30	0.03	10.23	5.00	1.00	4.40	0.50	0.01	0.44	1.60
120612	0.69	0.70	0.05	0.03	16.00	0.01	0.05	4.50	2.40	6.78	172.00	0.97	0.01	0.09	12.60	0.03	7.48	5.00	1.00	3.30	0.50	0.01	0.31	0.80
120613	0.75	0.80	0.05	0.03	30.00	0.01	0.04	4.60	3.00	6.68	174.00	0.76	0.01	0.10	12.00	0.04	7.61	5.00	1.00	2.90	0.50	0.01	0.35	1.10
120614	1.37	1.60	0.05	0.05	31.00	0.02	0.05	10.00	5.30	5.20	341.00	2.33	0.01	0.24	22.30	0.08	12.39	5.00	1.00	4.50	1.00	0.05	0.66	1.00
120615	0.74	0.80	0.05	0.01	14.00	0.01	0.02	5.80	2.60	6.43	228.00	0.99	0.01	0.11	10.70	0.04	5.28	5.00	1.00	2.30	0.50	0.01	0.34	0.60
120616	0.90	1.10	0.05	0.03	24.00	0.01	0.04	7.00	3.20	6.08	183.00	1.28	0.01	0.16	16.00	0.11	6.27	5.00	1.00	3.40	2.00	0.01	0.43	1.00
120617	1.96	2.30	0.05	0.01	32.00	0.01	0.05	14.60	6.60	3.97	529.00	2.73	0.01	0.33	21.00	0.10	12.87	5.00	1.00	6.00	2.00	0.06	0.79	1.30
120618	3.37	5.20	0.05	0.03	42.00	0.03	0.06	25.50	16.30	1.01	655.00	1.87	0.01	1.27	28.10	0.10	12.97	5.00	1.00	7.20	1.00	0.06	0.67	4.20
120619	3.00	4.80	0.05	0.04	47.00	0.03	0.09	25.30	17.20	0.85	623.00	1.19	0.01	0.89	22.90	0.09	14.07	5.00	1.00	8.60	1.00	0.08	0.48	3.70
120620	2.84	4.70	0.05	0.01	44.00	0.03	0.05	14.70	11.80	0.52	455.00	1.73	0.00	0.77	25.30	0.07	17.17	5.00	1.00	9.20	1.00	0.05	0.83	2.40
120621	1.35	1.60	0.05	0.01	20.00	0.01	0.04	11.70	5.00	6.08	331.00	1.26	0.01	0.30	13.90	0.07	6.96	5.00	1.00	3.30	0.50	0.01	0.52	1.90
120622	2.57	2.90	0.05	0.04	23.00	0.03	0.09	17.90	13.60	2.34	585.00	0.78	0.00	0.25	18.70	0.10	15.68	5.00	1.00	7.00	1.00	0.02	0.35	5.40
120623	2.05	3.80	0.05	0.01	41.00	0.01	0.05	7.90	4.70	0.16	117.00	1.63	0.00	0.42	12.70	0.05	15.38	5.00	1.00	7.10	1.00	0.05	0.85	0.90
120624	1.99	1.90	0.05	0.03	16.00	0.04	0.11	3.10	7.40	0.15	70.00	1.07	0.00	0.12	10.10	0.03	28.19	5.00	1.00	7.30	0.50	0.10	0.43	1.50
120625	1.87	2.50	0.05	0.01	17.00	0.02	0.08	4.70	11.90	0.17	116.00	0.99	0.00	0.20	12.50	0.03	17.95	5.00	1.00	8.90	0.50	0.05	0.50	1.20
120626	2.64	4.00	0.05	0.01	14.00	0.05	0.16	4.80	12.20	0.19	139.00	1.12	0.00	0.24	12.80	0.04	28.10	5.00	1.00	15.90	1.00	0.08	0.55	1.40
120627	1.44	1.90	0.05	0.05	13.00	0.01	0.12	3.50	5.90	0.09	65.00	1.01	0.01	0.08	7.30	0.04	18.82	5.00	1.00	10.40	1.00	0.09	0.32	1.10
120628	2.79	2.10	0.05	0.04	17.00	0.04	0.15	12.70	11.50	0.51	381.00	1.48	0.01	0.17	31.50	0.06	15.62	5.00	1.00	9.80	0.50	0.02	0.36	3.60
120629	1.39	2.10	0.05	0.01	27.00	0.01	0.07	5.20	8.10	0.14	88.00	1.00	0.00	0.16	10.60	0.04	11.29	5.00	1.00	7.40	0.50	0.04	0.41	0.80
120630	3.64	2.00	0.05	0.13	53.00	0.01	0.16	16.70	50.30	0.22	2837.00	5.68	0.00	0.10	276.70	0.08	35.42	26.00	1.00	10.60	0.50	0.01	0.63	6.30
120631	1.75	2.90	0.05	0.04	21.00	0.02	0.10	13.10	12.30	0.29	222.00	0.72	0.00	0.14	16.20	0.08	10.65	5.00	1.00	11.50	0.50	0.04	0.27	1.60
120632	2.25	3.10	0.05	0.01	6.00	0.03	0.09	11.80	14.50	0.32	398.00	0.81	0.00	0.25	18.70	0.06	14.15	5.00	1.00	10.20	1.00	0.01	0.37	1.70
121513	1.43	1.50	0.05	0.03	13.00	0.01	0.04	11.00	5.00	5.02	247.00	1.42	0.01	0.24	23.20	0.07	9.55	5.00	1.00	3.30	0.50	0.01	0.72	2.70

Sample No.	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Ti_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zn_pct	Zr_ppm
118916	0.20	1.00	54.60	0.03	0.05	0.30	0.00	74.49	3.20	1.00	0.05	4.02	472.40		0.4
118917	0.30	0.70	72.20	0.03	0.04	0.20	0.00	46.02	3.80	1.00	0.05	3.87	1514.20		0.6
118918	0.40	1.30	104.60	0.03	0.04	0.30	0.00	48.84	4.20	1.00	0.05	4.93	1293.70		0.5
118919	3.20	1.00	89.10	0.03	0.01	2.50	0.00	1.89	3.10	41.00	0.05	32.97	4256.10		1.5
118920	1.90	0.80	54.20	0.03	0.01	2.80	0.01	0.27	1.40	38.00	0.05	17.48	114.40		2.6
118997	1.70	1.20	75.90	0.03	0.15	3.90	0.00	3.41	6.10	49.00	0.05	14.80	126.60		7.4
118998	0.20	1.00	6.20	0.03	0.10	3.30	0.01	0.11	1.00	34.00	0.20	5.44	92.60		2
118999	0.60	1.60	30.30	0.03	0.08	3.40	0.01	1.04	4.00	77.00	0.10	35.04	653.20		6.4
119000	0.20	0.40	39.00	0.03	0.04	1.60	0.01	0.37	1.10	26.00	0.05	9.20	88.50		1.1
120589	0.30	0.60	68.80	0.03	0.03	2.40	0.02	0.17	0.90	51.00	0.20	12.12	97.70		1.6
120590	0.60	0.50	45.70	0.03	0.04	1.10	0.01	0.27	2.00	58.00	0.10	13.58	127.60		1.8
120591	0.70	0.60	157.60	0.03	0.04	0.60	0.01	0.35	1.80	60.00	0.05	12.72	147.60		1.4
120592	0.50	0.60	139.90	0.03	0.03	0.70	0.01	0.30	1.70	49.00	0.10	12.56	154.90		1.9
120593	0.20	0.50	154.40	0.03	0.05	0.70	0.00	0.66	1.40	29.00	0.05	5.73	55.50		1
120594	0.30	0.50	130.10	0.03	0.04	0.90	0.00	0.43	2.70	13.00	0.05	3.59	31.80		0.9
120595	0.60	0.70	93.10	0.03	0.01	0.90	0.00	0.21	0.80	13.00	0.05	4.59	26.50		0.9
120597	0.40	0.50	84.30	0.03	0.01	0.40	0.01	0.16	0.70	13.00	0.05	5.25	33.00		0.8
120598	0.10	0.30	61.10	0.03	0.04	2.20	0.00	0.50	0.80	28.00	0.05	9.09	16.80		1.2
120601	0.20	0.40	44.70	0.03	0.03	0.80	0.01	0.19	1.20	32.00	0.05	10.87	48.70		0.6
120602	0.30	0.60	35.70	0.03	0.02	0.30	0.01	0.25	1.20	43.00	0.10	11.87	89.40		0.4
120603	0.40	0.60	37.50	0.03	0.03	1.90	0.01	0.28	2.80	40.00	0.05	12.04	144.50		1.8
120604	0.10	0.90	94.80	0.03	0.05	2.90	0.01	0.30	1.00	33.00	0.05	6.11	77.90		1.8
120605	0.05	0.60	98.50	0.03	0.04	2.60	0.01	0.25	0.80	21.00	0.05	6.17	80.30		2.5
120606	0.30	0.90	44.50	0.03	0.03	1.50	0.01	0.09	0.60	26.00	0.05	6.81	75.30		1.2
120607	0.70	0.80	73.10	0.03	0.03	1.60	0.00	0.34	1.40	18.00	0.05	6.78	99.90		1.7
120608	0.70	0.90	35.80	0.03	0.03	1.00	0.01	0.41	1.70	43.00	0.10	19.89	259.60		3.4
120609	0.40	1.20	31.70	0.03	0.05	5.60	0.03	0.94	2.30	56.00	0.05	14.91	265.90		14.5
120610	0.60	0.90	33.20	0.03	0.07	0.60	0.00	0.41	1.60	43.00	0.10	15.20	367.20		1
120611	0.10	0.90	75.90	0.03	0.08	1.40	0.00	0.24	2.00	14.00	0.05	6.82	39.90		1.2
120612	0.05	0.70	41.50	0.03	0.03	0.50	0.00	0.18	1.20	14.00	0.05	5.79	60.10		1
120613	0.05	0.40	42.70	0.03	0.04	0.60	0.00	0.16	1.10	13.00	0.05	6.12	41.40		1.2
120614	0.30	0.80	32.70	0.03	0.06	0.50	0.00	0.36	1.40	25.00	0.05	13.34	86.40		1.9
120615	0.20	0.40	30.30	0.03	0.01	0.30	0.01	0.12	0.80	16.00	0.05	6.79	37.80		0.5
120616	0.30	0.50	50.50	0.03	0.04	0.60	0.01	0.27	2.10	29.00	0.05	7.41	60.80		1.3
120617	0.40	0.50	40.60	0.03	0.06	0.60	0.01	0.22	1.90	37.00	0.10	11.35	85.60		0.7
120618	0.40	0.60	18.10	0.03	0.06	1.00	0.03	0.17	1.90	73.00	0.10	19.40	85.80		1.4
120619	0.40	0.60	33.10	0.03	0.04	0.90	0.01	0.13	1.10	53.00	0.05	15.33	64.10		1.5
120620	0.40	0.70	12.80	0.03	0.06	1.10	0.01	0.21	1.50	52.00	0.20	9.23	128.70		0.6
120621	0.20	0.60	62.90	0.03	0.04	0.80	0.01	0.11	1.30	30.00	0.10	9.75	38.10		0.8
120622	0.20	0.90	55.70	0.03	0.07	1.80	0.00	0.11	0.80	30.00	0.05	14.07	79.50		1.7
120623	0.50	1.60	8.80	0.03	0.05	0.40	0.01	0.10	0.60	37.00	0.10	2.44	54.60		0.3
120624	0.80	0.90	18.90	0.03	0.05	1.60	0.00	0.07	0.70	15.00	0.05	2.77	54.60		0.7
120625	0.50	0.90	13.70	0.03	0.04	0.90	0.01	0.08	0.80	21.00	0.05	2.60	60.40		0.6
120626	0.60	0.80	15.80	0.03	0.12	0.90	0.01	0.14	0.80	27.00	0.05	3.40	74.70		0.7
120627	0.40	0.80	17.60	0.03	0.07	0.90	0.00	0.09	0.70	13.00	0.05	2.25	39.00		1.2
120628	0.50	0.70	318.60	0.03	0.06	1.90	0.00	0.25	0.90	26.00	0.05	11.27	85.60		3.2
120629	0.50	0.60	9.70	0.03	0.03	0.40	0.01	0.07	0.60	18.00	0.05	2.47	48.90		0.3
120630	0.50	0.70	227.10	0.03	0.01	5.40	0.00	0.20	2.40	15.00	0.05	67.38	524.90		6.3
120631	0.20	0.70	9.60	0.03	0.01	1.00	0.00	0.09	0.50	18.00	0.05	9.23	54.20		1.3
120632	0.30	0.60	8.80	0.03	0.03	1.10	0.01	0.09	0.60	22.00	0.05	9.52	63.20		0.9
121513	0.30	0.70	50.90	0.03	0.07	0.90	0.01	0.13	0.70	44.00	0.10	11.07	54.00		1
121514	0.20	0.30	94.80	0.03	0.06	0.30	0.00	0.35	1.10	24.00	0.05	7.42	51.40		0.7
121515	0.05	0.50	49.00	0.03	0.01	0.10	0.00	0.04	3.20	24.00	0.05	1.90	19.90		0.7
121516	0.60	1.10	12.70	0.03	0.07	3.60	0.00	0.23	0.80	38.00	0.05	33.48	40.20		2.8
121517	0.05	0.70	300.60	0.03	0.04	5.30	0.00	0.10	0.90	9.00	0.05	9.05	40.20		11.3
121518	0.05	0.50	827.90	0.03	0.06	2.60	0.00	0.07	0.40	6.00	0.05	6.68	35.50		4.9
121519	0.05	0.30	857.20	0.03	0.10	2.90	0.00	0.04	0.40	6.00	0.05	7.27	32.90		7.9
121520	0.30	0.60	729.50	0.03	0.07	2.70	0.00	0.06	0.50	6.00	0.05	8.88	32.40		6.2

Scarlet West Property (Car & Lin Claims) - 2011 Soil Sample Locations and Analytical Results																							
Sample No.	Sampler	Sample Date	grid_type	north	east	elevation	lab_ref_number	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	
121521	SD	27/06/2011	UTM83-8	7128264	596164	1705	WHI11000454	79.00	0.99	5.00	5.10	7.00	153.00	1.50	0.22	2.01	0.24	48.50	15.70	22.40	1.28	17.83	
121522	SD	27/06/2011	UTM83-8	7128367	596139	1711	WHI11000454	70.00	0.76	7.60	0.10	2.00	38.20	0.60	0.29	0.03	0.08	17.40	6.50	14.30	1.85	18.27	
121523	SD	27/06/2011	UTM83-8	7128466	596152	1684	WHI11000454	14.00	1.20	8.00	1.40	3.00	311.80	1.00	0.45	0.67	0.04	7.90	20.80	31.90	2.01	40.47	
121524	SD	27/06/2011	UTM83-8	7128627	596162	1678	WHI11000454	53.00	1.79	6.70	2.60	2.00	132.70	1.30	0.45	0.34	0.07	14.20	27.20	28.80	4.09	37.96	
121525	SD	27/06/2011	UTM83-8	7128691	596175	1671	WHI11000454	67.00	0.32	14.90	0.90	2.00	61.50	0.20	0.55	0.92	0.03	5.10	7.10	5.30	8.22	29.50	
121526	SD	27/06/2011	UTM83-8	7128812	596274	1639	WHI11000454	256.00	0.31	8.00	1.00	1.00	30.40	0.30	0.07	14.02	6.08	7.80	3.00	6.50	0.43	8.49	
121527	SD	27/06/2011	UTM83-8	7128938	596412	1574	WHI11000454	279.00	0.09	28.00	1.00	2.00	8.50	0.20	0.05	11.91	14.98	6.90	2.40	3.60	0.39	7.30	
121528	SD	27/06/2011	UTM83-8	7129015	596423	1584	WHI11000454	899.00	1.22	47.70	1.70	3.00	89.90	1.20	0.76	0.59	0.30	19.00	30.40	17.90	5.63	58.15	
121529	SP	28/06/2011	UTM83-8	7125906	589052	1562	WHI11000454	23.00	0.26	10.40	2.30	4.00	40.40	0.30	0.11	19.26	0.18	9.70	3.70	6.70	1.71	7.48	
121530	SP	28/06/2011	UTM83-8	7125807	589044	1487	WHI11000454	39.00	0.36	7.50	0.10	3.00	47.40	0.30	0.12	5.35	0.21	8.70	3.70	7.10	0.87	7.17	
121531	SP	28/06/2011	UTM83-8	7125699	589049	1483	WHI11000454	62.00	0.62	5.60	1.30	2.00	57.90	0.20	0.13	7.48	0.25	11.00	3.90	11.10	0.55	7.45	
121532	SP	28/06/2011	UTM83-8	7125602	589073	1515	WHI11000454	33.00	0.27	3.20	0.60	2.00	92.40	0.20	0.05	8.59	0.14	7.00	2.10	5.90	0.25	4.17	
121533	SP	28/06/2011	UTM83-8	7125498	589084	1548	WHI11000454	51.00	0.15	5.00	0.70	2.00	69.90	0.30	0.09	13.75	0.29	7.70	3.90	5.90	0.95	7.19	
121534	SP	28/06/2011	UTM83-8	7125770	589078	1477	WHI11000454	25.00	0.25	7.50	1.00	1.00	31.00	0.20	0.06	5.48	0.12	6.50	2.90	4.90	0.61	5.57	
121535	SP	28/06/2011	UTM83-8	7125729	589170	1442	WHI11000454	29.00	0.64	3.50	0.80	4.00	77.60	0.80	0.12	14.26	0.08	31.60	10.90	10.70	1.04	13.20	
121536	SP	28/06/2011	UTM83-8	7125703	589262	1400	WHI11000454	112.00	0.93	10.50	1.80	2.00	108.40	0.40	0.16	7.10	0.50	18.80	7.50	19.10	0.59	12.17	
121537	SP	28/06/2011	UTM83-8	7125742	589357	1355	WHI11000454	30.00	0.28	11.20	0.90	4.00	32.20	0.20	0.07	14.71	0.14	12.90	4.70	7.10	1.28	8.20	
121538	SP	28/06/2011	UTM83-8	7125749	589453	1303	WHI11000454	51.00	0.74	10.50	1.10	6.00	50.80	0.50	0.09	12.02	0.15	20.10	10.40	13.90	1.41	19.02	
121539	SP	28/06/2011	UTM83-8	7125730	589548	1248	WHI11000454	55.00	0.48	9.90	2.30	4.00	54.40	0.40	0.10	12.92	0.17	15.20	9.00	11.00	1.93	14.82	
121540	SP	28/06/2011	UTM83-8	7125691	589650	1195	WHI11000454	1239.00	1.11	9.90	1.70	6.00	93.20	1.20	0.32	4.03	1.25	27.00	26.20	26.40	2.81	82.54	
121541	SP	28/06/2011	UTM83-8	7125674	589768	1146	WHI11000454	284.00	1.35	8.80	1.00	6.00	108.60	0.90	0.22	4.30	0.25	25.00	18.40	20.40	2.68	41.51	
121542	SP	28/06/2011	UTM83-8	7125610	589954	1071	WHI11000454	75.00	0.75	6.20	0.70	4.00	118.00	0.60	0.18	6.96	0.21	22.50	8.40	10.70	0.93	15.65	
121543	SP	28/06/2011	UTM83-8	7125630	590053	1042	WHI11000454	40.00	0.93	26.30	1.50	2.00	113.70	1.00	0.53	0.28	0.07	11.10	23.40	24.60	4.41	44.40	
121544	SP	28/06/2011	UTM83-8	7125643	590157	1015	WHI11000454	94.00	1.14	14.30	2.10	3.00	140.50	0.80	0.26	6.46	0.18	12.50	14.30	18.40	4.77	34.43	
121545	SP	28/06/2011	UTM83-8	7125646	590261	992	WHI11000454	101.00	1.25	13.20	0.90	4.00	155.50	0.90	0.25	2.03	0.30	18.60	16.10	23.80	1.13	32.79	
121546	SP	28/06/2011	UTM83-8	7125662	590366	974	WHI11000454	106.00	0.73	9.80	1.00	6.00	76.20	0.70	0.17	7.51	0.42	17.30	12.20	15.60	1.89	24.07	
121547	SP	28/06/2011	UTM83-8	7125731	590435	956	WHI11000454	63.00	0.50	6.70	0.40	3.00	52.00	0.40	0.11	10.80	0.21	13.50	7.30	10.80	1.10	13.67	
121548	SP	28/06/2011	UTM83-8	7125766	590532	941	WHI11000454	96.00	0.63	9.20	0.40	3.00	46.10	0.50	0.10	10.27	0.25	15.90	7.20	12.00	1.05	13.44	
121549	SP	28/06/2011	UTM83-8	7125806	590624	922	WHI11000454	70.00	0.72	10.30	1.20	3.00	69.50	1.10	0.19	7.09	0.25	17.20	10.10	18.80	2.91	27.37	
121550	SP	28/06/2011	UTM83-8	7125827	590735	909	WHI11000454	72.00	0.65	11.30	1.90	3.00	62.10	1.00	0.18	6.20	0.22	18.30	8.00	15.80	2.52	23.38	
121801	LB	26/06/2011	UTM83-8	7128693	593510	1387	WHI11000454	245.00	1.42	26.40	1.60	3.00	145.20	0.80	0.24	2.72	0.09	26.70	9.70	29.50	0.92	16.43	
121802	LB	26/06/2011	UTM83-8	7128725	593412	1347	WHI11000454	173.00	0.46	49.90	1.30	3.00	173.40	0.40	0.09	9.49	0.48	17.70	4.60	19.80	0.49	10.63	
121803	LB	26/06/2011	UTM83-8	7128717	593310	1320	WHI11000454	294.00	0.24	48.70	0.60	3.00	25.70	0.40	0.06	10.58	0.49	11.30	4.40	13.50	1.34	13.62	
121804	LB	26/06/2011	UTM83-8	7128730	593202	1292	WHI11000454	287.00	0.23	30.80	1.30	3.00	63.80	0.30	0.07	10.33	0.29	12.10	3.70	13.30	0.60	9.19	
121805	LB	26/06/2011	UTM83-8	7128735	593112	1304	WHI11000454	126.00	0.37	34.10	0.80	3.00	45.60	0.40	0.05	10.29	0.19	20.70	9.50	10.60	0.49	10.76	
121806	LB	26/06/2011	UTM83-8	7128729	592999	1300	WHI11000454	85.00	0.27	6.40	0.80	2.00	37.10	0.40	0.06	15.11	0.42	9.70	2.40	5.80	0.43	4.23	
121807	LB	26/06/2011	UTM83-8	7128745	592871	1282	WHI11000454	89.00	0.05	46.30	0.10	0.50	26.20	0.20	0.01	8.41	3.64	5.40	0.50	3.20	0.11	2.42	
121808	LB	26/06/2011	UTM83-8	7128752	592802	1282	WHI11000454	586.00	0.15	11.10	0.80	2.00	52.60	0.30	0.03	15.27	1.42	7.60	1.50	4.40	0.22	8.41	
121809	LB	26/06/2011	UTM83-8	7128684	592702	1283	WHI11000454	81.00	0.62	19.40	0.80	8.00	72.10	0.80	0.30	3.93	0.29	10.60	8.40	12.50	2.43	21.95	
121810	LB	26/06/2011	UTM83-8	7128592	592606	1277	WHI11000454	81.00	0.26	12.40	0.40	6.00	83.40	0.20	0.31	4.53	0.09	8.60	6.60	6.60	1.78	12.78	
121811	LB	26/06/2011	UTM83-8	7128572	592498	1247	WHI11000454	519.00	0.01	7.90	0.10	0.50	14.10	0.20	0.01	10.96	1.10	1.80	1.00	2.10	0.01	0.99	
121812	LB	26/06/2011	UTM83-8	7128512	592406	1208	WHI11000454	48.00	0.15	9.30	0.10	1.00	23.40	0.20	0.03	17.16	0.18	5.40	1.80	9.10	0.27	3.06	
121813	LB	26/06/2011	UTM83-8	7128438	592365	1239	WHI11000454	124.00	0.71	15.70	0.10	5.00	77.60	0.50	0.10	12.20	0.44	14.80	5.00	15.40	0.66	8.39	
121814	LB	26/06/2011	UTM83-8	7128296	592339	1270	WHI11000454	70.00	0.65	10.60	0.50	4.00	85.40	0.40	0.13	9.96	0.51	15.80	4.70	11.50	1.03	10.07	
121815	LB	26/06/2011	UTM83-8	7128240	592252	1267	WHI11000454	42.00	0.15	22.40	0.60	2.00	20.20	0.20	0.12	17.91	0.13	6.40	12.00	8.20	0.17	17.02	
121816	LB	26/06/2011	UTM83-8	7128178	592167	1250	WHI11000454	134.00	0.86	16.50	1.20	5.00	95.20	0.40	0.15	10.26	0.73	16.50	7.20	16.80	0.73	17.68	
121817	LB	26/06/2011	UTM83-8	7128074	592135	1243	WHI11000454	24.00	0.53	34.30	0.30	9.00	77.60	0.60	0.22	16.71	0.37	23.50	5.70	10.40	7.55	15.33	
121818	LB	26/06/2011	UTM83-8	7128015	592058	1241	WHI11000454	32.00	0.40	22.20	0.10	7.00	41.50	0.60	0.17	14.86	0.24	16.40	3.50	8.10	6.08	10.15	
121819	LB	26/06/2011	UTM83-8	7128034	591879	1238	WHI11000454	140.00	1.22	12.60	1.30	6.00	129.80	0.90	0.20	7.01	0.65	20.90	8.20	18.70	0.78	16.04	
121820	LB	26/06/2011	UTM83-8	7127960	591813	1226	WHI11000454	133.00	1.12	11.50	1.10	3.00	91.70	0.50	0.18	6.30	0.51	21.40	8.10	20.60	0.72	16.26	
121821	LB	26/06/2011	UTM83-8	7127879	591761	1226	WHI11000454	88.00	1.53	12.50	1.10	4.00	170.90	0.70</									

Sample No.	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppb	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppb	S_pct	Sb_ppm	Sc_ppm
121521	3.21	2.70	0.05	0.13	50.00	0.05	0.16	29.40	11.90	0.26	465.00	1.96	0.00	0.37	45.50	0.06	16.99	5.00	1.00	11.90	0.50	0.05	0.32	4.70
121522	1.95	2.80	0.05	0.04	244.00	0.01	0.06	7.30	8.30	0.11	92.00	0.95	0.00	0.24	18.70	0.06	11.47	5.00	1.00	9.60	0.50	0.05	0.53	1.00
121523	3.75	3.90	0.05	0.05	22.00	0.01	0.14	3.40	24.20	0.63	494.00	0.51	0.00	0.14	31.40	0.02	28.50	5.00	1.00	11.80	0.50	0.01	0.44	3.00
121524	4.10	6.90	0.05	0.06	30.00	0.03	0.12	4.60	31.20	0.59	2832.00	0.79	0.00	0.22	28.70	0.05	53.55	5.00	1.00	17.20	0.50	0.01	0.34	4.20
121525	1.64	1.30	0.05	0.03	605.00	0.02	0.09	2.40	1.30	0.52	87.00	0.29	0.00	0.01	10.10	0.01	38.81	5.00	1.00	12.40	0.50	0.01	0.59	3.80
121526	1.18	1.00	0.05	0.02	2646.00	0.01	0.02	4.40	3.20	7.67	857.00	0.57	0.01	0.11	6.40	0.08	707.02	5.00	1.00	2.10	0.50	0.01	0.79	1.10
121527	10.07	1.00	0.40	0.02	648.00	0.01	0.02	3.90	0.60	6.52	1539.00	3.45	0.01	0.03	6.60	0.07	3540.73	5.00	1.00	0.90	0.50	0.01	2.94	0.80
121528	4.22	3.30	0.05	0.08	118.00	0.04	0.24	7.80	23.70	0.58	521.00	0.97	0.00	0.04	40.60	0.08	96.41	14.00	1.00	13.40	0.50	0.26	4.60	5.40
121529	0.74	0.60	0.05	0.02	17.00	0.01	0.07	4.20	2.10	7.59	114.00	0.94	0.01	0.08	11.20	0.02	7.31	5.00	1.00	4.80	0.50	0.01	0.27	1.20
121530	0.72	0.70	0.05	0.02	17.00	0.01	0.05	5.50	2.10	2.70	203.00	0.60	0.00	0.06	9.70	0.04	5.91	5.00	1.00	3.90	0.50	0.02	0.24	0.70
121531	1.06	1.20	0.05	0.01	15.00	0.01	0.03	6.40	4.80	4.61	267.00	1.10	0.01	0.18	9.20	0.04	6.32	5.00	1.00	3.80	2.00	0.02	0.33	1.10
121532	0.52	0.60	0.05	0.01	10.00	0.01	0.01	4.50	2.40	5.09	142.00	0.86	0.01	0.09	5.30	0.02	4.16	5.00	1.00	1.80	0.50	0.01	0.21	0.70
121533	1.06	0.40	0.05	0.01	25.00	0.01	0.05	3.50	1.20	6.23	79.00	1.85	0.01	0.03	12.50	0.01	9.19	5.00	1.00	2.90	0.50	0.01	0.20	1.30
121534	0.62	0.60	0.05	0.01	8.00	0.01	0.03	3.20	1.70	2.53	98.00	0.50	0.00	0.04	7.90	0.02	4.13	5.00	1.00	2.70	0.50	0.01	0.16	0.60
121535	2.31	1.70	0.05	0.03	19.00	0.03	0.12	14.00	10.90	1.36	323.00	0.96	0.00	0.06	26.00	0.05	9.93	5.00	1.00	6.80	0.50	0.01	0.16	4.40
121536	1.76	2.40	0.05	0.01	36.00	0.01	0.04	10.50	7.30	3.85	406.00	1.44	0.01	0.35	18.10	0.07	11.12	5.00	1.00	5.60	0.50	0.03	0.63	1.50
121537	1.09	0.80	0.05	0.02	12.00	0.01	0.05	7.00	2.50	6.61	180.00	0.82	0.01	0.12	10.80	0.03	6.12	5.00	1.00	3.30	0.50	0.01	0.24	1.60
121538	2.07	2.30	0.05	0.04	20.00	0.01	0.09	10.60	7.90	4.52	327.00	1.30	0.01	0.40	22.00	0.05	10.20	5.00	1.00	6.30	0.50	0.01	0.38	3.30
121539	1.66	1.40	0.05	0.02	15.00	0.01	0.06	7.50	7.00	6.31	353.00	0.97	0.01	0.21	15.70	0.04	11.52	5.00	1.00	5.10	0.50	0.02	0.34	2.70
121540	4.12	3.20	0.05	0.07	45.00	0.05	0.19	12.50	19.60	0.99	537.00	3.74	0.00	0.12	62.50	0.22	40.91	16.00	3.00	10.80	4.00	0.16	1.54	5.90
121541	3.33	3.90	0.05	0.07	43.00	0.04	0.16	12.80	22.00	2.05	466.00	1.35	0.01	1.04	33.70	0.09	23.67	5.00	1.00	10.40	0.50	0.06	0.72	4.90
121542	1.68	1.90	0.05	0.08	27.00	0.01	0.10	9.90	12.30	0.75	732.00	0.68	0.00	0.17	14.90	0.08	15.14	5.00	1.00	6.30	0.50	0.05	0.36	1.60
121543	3.77	2.90	0.05	0.06	10.00	0.01	0.07	4.10	24.40	0.41	795.00	0.82	0.00	0.16	29.70	0.03	42.17	5.00	1.00	6.90	0.50	0.01	0.76	3.50
121544	2.57	3.00	0.05	0.05	31.00	0.01	0.09	5.80	22.90	3.01	1596.00	0.91	0.01	0.24	24.90	0.04	29.85	5.00	1.00	8.80	0.50	0.01	0.58	3.70
121545	3.13	3.70	0.05	0.06	53.00	0.03	0.16	8.60	19.80	0.96	751.00	1.10	0.00	0.55	26.80	0.07	22.96	5.00	1.00	10.40	0.50	0.05	0.95	4.60
121546	2.16	2.00	0.05	0.05	26.00	0.01	0.08	8.10	14.00	3.73	494.00	1.34	0.01	0.40	22.00	0.07	17.79	5.00	1.00	6.30	2.00	0.06	0.51	3.20
121547	1.62	1.40	0.05	0.01	17.00	0.01	0.06	6.40	10.30	5.29	279.00	0.94	0.01	0.23	14.70	0.05	11.07	5.00	1.00	3.80	0.50	0.01	0.31	2.30
121548	1.93	1.80	0.05	0.04	22.00	0.01	0.07	8.50	9.00	5.24	211.00	1.02	0.01	0.31	15.70	0.05	10.98	5.00	1.00	5.10	0.50	0.01	0.37	3.00
121549	2.03	2.00	0.05	0.05	17.00	0.01	0.07	8.30	14.20	3.56	556.00	1.29	0.01	0.28	20.00	0.06	21.89	5.00	1.00	6.30	0.50	0.04	0.42	3.30
121550	1.95	1.60	0.05	0.04	31.00	0.01	0.06	8.80	10.30	3.13	522.00	1.51	0.00	0.25	19.20	0.06	19.14	5.00	1.00	5.20	0.50	0.05	0.45	2.70
121801	2.98	4.40	0.05	0.04	85.00	0.02	0.07	12.40	7.80	1.12	350.00	29.17	0.00	0.55	32.90	0.24	28.16	5.00	1.00	5.80	3.00	0.06	2.82	3.40
121802	1.09	1.30	0.05	0.04	92.00	0.01	0.09	9.80	3.30	6.82	370.00	10.97	0.01	0.20	33.60	0.24	9.79	5.00	1.00	4.10	2.00	0.05	3.82	1.10
121803	1.05	0.70	0.05	0.04	39.00	0.01	0.10	5.20	1.80	7.13	193.00	41.31	0.01	0.05	33.80	0.12	14.04	5.00	1.00	3.80	2.00	0.03	1.62	1.50
121804	1.03	0.70	0.05	0.03	129.00	0.01	0.08	5.60	1.40	7.02	182.00	8.47	0.01	0.07	17.70	0.08	13.23	5.00	1.00	3.20	0.50	0.03	0.54	1.90
121805	1.98	0.90	0.05	0.04	44.00	0.01	0.09	10.00	2.20	7.08	294.00	22.30	0.01	0.10	23.60	0.14	11.41	5.00	1.00	3.30	1.00	0.06	0.75	2.00
121806	0.86	0.70	0.05	0.01	57.00	0.01	0.03	6.00	2.10	8.07	589.00	0.82	0.01	0.09	7.30	0.09	49.86	5.00	1.00	2.60	0.50	0.01	0.52	0.70
121807	18.03	0.70	4.20	0.01	2757.00	0.01	0.01	3.60	0.40	4.35	1927.00	12.62	0.01	0.04	1.00	0.15	2320.07	23.00	1.00	0.60	0.50	0.34	7.75	0.50
121808	5.54	0.60	0.10	0.01	545.00	0.01	0.03	4.80	1.10	8.27	1484.00	2.75	0.01	0.06	2.70	0.15	188.21	5.00	1.00	1.70	2.00	0.05	2.74	0.60
121809	1.99	2.10	0.05	0.05	78.00	0.03	0.12	6.40	2.70	1.48	432.00	2.04	0.01	0.16	19.70	0.07	28.48	5.00	1.00	7.80	0.50	0.11	0.55	2.00
121810	2.00	0.90	0.05	0.01	27.00	0.03	0.20	4.40	1.90	2.25	321.00	1.31	0.01	0.05	13.10	0.04	29.88	5.00	1.00	9.00	0.50	0.27	0.41	1.90
121811	3.94	0.60	0.20	0.01	3392.00	0.01	0.01	1.20	0.20	5.98	1782.00	1.13	0.00	0.01	2.30	0.05	139.57	5.00	1.00	0.05	0.50	0.01	2.50	0.20
121812	0.69	0.60	0.05	0.03	32.00	0.01	0.03	3.20	1.40	9.39	399.00	0.74	0.01	0.10	7.70	0.03	14.16	5.00	1.00	1.70	2.00	0.01	0.94	0.80
121813	2.21	1.60	0.05	0.03	68.00	0.01	0.07	8.80	4.80	5.76	765.00	1.16	0.01	0.21	14.70	0.06	45.55	15.00	1.00	5.60	0.50	0.04	1.42	1.00
121814	1.23	1.20	0.05	0.01	50.00	0.01	0.05	9.60	2.80	4.50	513.00	2.09	0.01	0.19	12.70	0.11	12.92	5.00	1.00	5.40	0.50	0.10	0.66	0.50
121815	0.84	0.30	0.05	0.01	19.00	0.01	0.03	5.20	0.70	9.21	261.00	0.88	0.01	0.06	15.20	0.06	16.20	5.00	1.00	1.50	2.00	0.01	1.55	0.50
121816	1.93	1.80	0.05	0.01	55.00	0.01	0.06	9.50	4.80	5.49	731.00	1.22	0.01	0.19	19.90	0.10	36.33	13.00	1.00	4.80	0.50	0.04	1.10	1.10
121817	1.84	1.80	0.05	0.05	16.00	0.01	0.11	10.50	7.40	4.16	154.00	3.81	0.01	0.18	35.10	0.09	14.17	5.00	1.00	9.30	0.50	0.01	1.29	1.70
121818	1.10	1.00	0.05	0.03	14.00	0.01	0.10	7.60	3.70	5.77	192.00	1.83	0.01	0.11	15.70	0.06	9.51	5.00	1.00	7.30	0.50	0.01	0.79	1.10
121819	1.94	2.50	0.05	0.01	39.00	0.01	0.07	11.10	10.40	3.55	1353.00	1.72	0.01	0.23	24.60	0.10	18.88	12.00	1.00	6.90	2.00	0.09	1.10	1.00
121820	1.87	2.30	0.05	0.01	54.00	0.03	0.06	11.70	11.10	3.64	511.00	1.64	0.00	0.30	23.30	0.07	17.33	5.00	1.00	5.80	0.50	0.05	0.98	1.70
121821	2.60	4.20	0.05	0.04	29.00	0.02	0.09	14.20	15.80	1.98	445.00	3.19	0.00	0.49	21.30	0.05	23.74	5.00	1.00	10.10	2.00	0.04	0.94	3.10
121822	0.50																							

Sample No.	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Ti_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zn_pct	Zr_ppm
121521	0.60	0.90	63.20	0.03	0.02	2.30	0.00	0.27	0.80	37.00	0.05	19.02	66.70		7.2
121522	0.40	0.80	6.50	0.03	0.03	1.40	0.01	0.03	0.90	21.00	0.05	4.20	78.20		2.1
121523	0.10	1.40	10.70	0.03	0.03	7.10	0.01	0.09	0.80	17.00	0.20	7.67	79.30		1.7
121524	0.30	1.10	9.50	0.03	0.03	3.10	0.00	0.13	1.00	25.00	0.05	7.74	88.40		2
121525	0.05	0.90	22.00	0.03	0.11	3.00	0.00	0.27	0.20	6.00	0.05	3.39	34.40		2.3
121526	0.40	0.40	65.80	0.03	0.02	1.10	0.01	0.30	0.90	9.00	0.05	4.67	1853.10		1.1
121527	1.40	0.40	45.30	0.03	0.03	0.80	0.00	5.07	2.50	4.00	0.05	5.17	10000.00		1.1
121528	0.80	1.20	53.30	0.03	0.09	6.00	0.00	0.21	1.70	15.00	0.05	14.48	148.10		3.5
121529	0.30	0.60	113.70	0.03	0.01	0.90	0.00	0.10	0.80	6.00	0.05	3.79	32.10		1
121530	0.30	0.40	26.30	0.03	0.04	0.40	0.00	0.08	0.30	8.00	0.05	5.71	35.30		0.7
121531	0.20	0.30	23.90	0.03	0.01	0.50	0.01	0.06	0.40	17.00	0.05	7.00	48.80		0.5
121532	0.20	0.50	32.00	0.03	0.01	0.30	0.01	0.03	0.30	10.00	0.05	4.32	23.90		0.4
121533	0.30	0.60	77.50	0.03	0.01	1.10	0.00	0.12	0.30	4.00	0.05	3.34	24.50		0.7
121534	0.20	0.20	34.70	0.03	0.01	0.40	0.00	0.09	0.30	6.00	0.05	2.99	26.50		0.6
121535	0.40	0.60	512.90	0.03	0.03	2.60	0.00	0.18	0.50	12.00	0.05	9.51	58.80		2.9
121536	0.50	1.40	31.10	0.03	0.03	0.80	0.01	0.09	0.70	29.00	0.10	9.14	68.50		0.7
121537	0.40	0.30	80.50	0.03	0.03	0.80	0.01	0.14	0.40	12.00	0.05	5.71	23.10		0.8
121538	0.40	0.50	185.50	0.03	0.03	1.60	0.02	0.17	0.60	26.00	0.05	7.92	47.80		2
121539	0.50	0.60	81.70	0.03	0.05	1.10	0.01	0.14	0.60	18.00	0.05	7.08	36.10		1.1
121540	4.80	1.60	153.90	0.03	0.21	4.20	0.00	0.17	2.10	43.00	0.05	13.70	216.30		6.6
121541	1.10	0.90	106.00	0.03	0.06	2.20	0.02	0.14	0.80	38.00	0.05	10.91	99.00		4.1
121542	0.40	0.50	64.60	0.03	0.03	0.90	0.00	0.08	0.40	12.00	0.05	7.05	52.50		2.1
121543	0.30	0.80	11.10	0.03	0.06	6.00	0.01	0.07	0.80	25.00	0.20	9.12	82.80		3.4
121544	0.40	0.90	58.00	0.03	0.03	2.70	0.01	0.11	0.60	21.00	0.05	6.66	68.40		2.6
121545	0.60	0.50	30.20	0.03	0.03	2.30	0.01	0.10	0.60	28.00	0.05	8.67	98.60		2.5
121546	0.70	1.40	73.30	0.03	0.06	1.70	0.01	0.12	0.60	20.00	0.05	7.91	64.60		2.5
121547	0.50	1.80	85.10	0.03	0.02	1.50	0.01	0.09	0.50	16.00	0.05	5.59	43.10		1.5
121548	0.50	0.60	66.10	0.03	0.04	1.60	0.01	0.13	0.60	23.00	0.05	7.21	46.70		1.9
121549	0.60	2.10	50.00	0.03	0.04	1.20	0.00	0.08	0.80	18.00	0.05	9.41	65.10		1.8
121550	0.50	1.90	41.00	0.03	0.03	1.10	0.00	0.09	0.90	15.00	0.05	9.79	47.60		1.7
121801	1.00	0.90	30.20	0.03	0.02	1.30	0.01	0.48	12.20	87.00	0.10	10.46	96.70		1.2
121802	0.40	1.10	90.60	0.03	0.08	0.60	0.01	1.07	17.10	88.00	0.05	9.80	69.60		1.1
121803	0.60	1.10	80.10	0.03	0.07	0.80	0.00	1.08	8.00	61.00	0.05	7.57	81.40		1.3
121804	0.40	0.80	151.00	0.03	0.01	1.10	0.00	0.85	5.00	58.00	0.05	6.62	46.60		1.3
121805	0.20	0.80	126.70	0.03	0.04	0.90	0.00	0.68	9.50	48.00	0.05	10.89	55.50		1.3
121806	0.40	0.50	68.30	0.03	0.01	0.30	0.01	0.37	1.50	15.00	0.05	5.69	106.20		0.4
121807	0.60	0.60	58.30	0.03	0.01	0.10	0.00	39.32	5.60	1.00	0.05	4.77	7889.50	0.05	
121808	0.30	0.40	122.40	0.03	0.01	0.40	0.00	5.36	5.10	4.00	0.05	5.46	770.70		0.4
121809	0.50	0.60	73.30	0.03	0.04	0.90	0.00	0.61	2.20	27.00	0.05	8.63	166.20		1.5
121810	0.20	0.70	62.20	0.03	0.03	1.20	0.00	0.34	0.90	15.00	0.05	6.34	40.30		1
121811	0.30	0.90	33.60	0.03	0.01	0.05	0.00	8.99	1.80	1.00	0.05	1.40	1263.90		0.2
121812	0.50	0.90	86.60	0.03	0.03	0.20	0.00	0.41	1.60	21.00	0.05	7.12	108.90		0.9
121813	0.50	0.70	63.60	0.03	0.04	0.40	0.00	0.96	1.50	27.00	0.05	10.40	195.40		1
121814	0.50	1.00	56.90	0.03	0.05	0.10	0.00	0.21	3.00	30.00	0.05	7.96	86.00		0.4
121815	0.40	1.80	62.30	0.03	0.15	0.20	0.00	0.26	2.80	33.00	0.05	8.60	23.20		0.5
121816	0.40	0.50	50.60	0.03	0.06	0.40	0.01	0.54	2.10	45.00	0.05	12.51	131.90		0.6
121817	0.40	1.10	155.20	0.03	0.09	2.80	0.00	0.45	5.50	67.00	0.05	9.09	99.50		2.8
121818	0.20	0.50	116.20	0.03	0.09	0.80	0.00	0.22	3.80	40.00	0.05	6.60	44.10		1
121819	0.60	0.70	28.00	0.03	0.03	0.40	0.01	0.35	1.10	46.00	0.05	14.02	117.80		0.8
121820	0.50	0.50	27.70	0.03	0.02	0.90	0.01	0.17	1.10	42.00	0.05	11.27	84.90		0.9
121821	0.40	0.70	23.40	0.03	0.01	2.20	0.01	0.26	1.00	43.00	0.05	10.99	103.90		1.4
121822	0.40	0.30	61.70	0.03	0.01	0.40	0.00	0.42	0.80	10.00	0.05	5.49	27.60		0.9
121823	0.30	0.70	51.60	0.03	0.06	1.20	0.01	0.31	1.50	34.00	0.10	7.39	150.50		0.8
121824	0.60	0.80	55.60	0.03	0.03	0.60	0.01	0.41	1.50	41.00	0.05	10.68	104.30		1
121825	0.40	0.70	58.50	0.03	0.03	0.60	0.01	0.39	3.70	32.00	0.05	8.63	60.50		1
121826	0.30	0.40	18.80	0.03	0.04	0.30	0.00	0.05	0.60	6.00	0.05	2.68	4.40		0.7
121827	0.60	1.20	41.00	0.03	0.14	5.10	0.00	0.97	1.50	169.00	0.05	11.14	245.20		4.3
121828	0.60	1.10	56.70	0.03	0.11	9.60	0.01	1.08	4.60	184.00	0.05	12.57	361.70		8.2

Scarlet West Property (Car & Lin Claims) - 2011 Soil Sample Locations and Analytical Results																							
Sample No.	Sampler	Sample Date	grid_type	north	east	elevation	lab_ref_number	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	
121829	LB	27/06/2011	UTM83-8	7127458	592701	1768	WHI11000454	56.00	1.04	25.30	1.00	12.00	193.40	1.80	0.45	3.98	0.48	66.50	7.30	19.10	2.84	21.35	
121830	LB	27/06/2011	UTM83-8	7127343	592698	1747	WHI11000454	118.00	1.15	19.40	2.70	6.00	156.70	1.10	0.39	4.46	0.90	45.00	16.40	21.80	4.91	26.79	
121831	LB	27/06/2011	UTM83-8	7127272	592680	1744	WHI11000454	59.00	0.71	57.70	0.40	6.00	101.60	0.70	0.28	11.22	0.55	31.60	5.90	15.40	5.88	13.18	
121832	LB	27/06/2011	UTM83-8	7125994	594541	1676	WHI11000454	41.00	0.36	9.50	0.90	4.00	113.90	0.30	0.15	15.11	0.34	16.70	5.80	9.40	0.52	11.51	
121833	LB	27/06/2011	UTM83-8	7125854	594584	1648	WHI11000454	73.00	0.47	8.90	1.10	2.00	60.20	0.50	0.13	13.72	0.41	16.30	5.80	12.80	0.39	11.92	
121834	LB	27/06/2011	UTM83-8	7125697	594484	1560	WHI11000454	117.00	1.74	17.60	2.00	2.00	304.90	0.80	0.34	0.87	0.44	35.60	12.10	27.50	1.05	22.16	
121835	LB	28/06/2011	UTM83-8	7126749	593911	1823	WHI11000454	34.00	0.28	50.40	0.80	2.00	47.10	0.50	0.12	23.98	0.43	11.70	5.70	6.90	1.30	11.19	
121836	LB	28/06/2011	UTM83-8	7126760	594021	1820	WHI11000454	40.00	1.71	132.20	0.80	1.00	319.70	2.50	0.57	2.61	0.65	98.50	18.50	12.70	2.21	52.25	
121837	LB	28/06/2011	UTM83-8	7126770	594124	1788	WHI11000454	75.00	1.02	221.30	2.00	4.00	101.60	0.90	0.40	7.14	0.55	34.30	18.30	20.30	5.03	33.74	
121838	LB	28/06/2011	UTM83-8	7126764	594225	1780	WHI11000454	46.00	0.90	378.30	1.50	3.00	134.40	1.10	0.38	13.38	0.57	37.00	13.10	16.80	4.48	35.24	
121839	LB	28/06/2011	UTM83-8	7126751	594323	1788	WHI11000454	43.00	0.44	60.60	0.50	4.00	83.80	0.40	0.18	17.10	0.65	21.70	7.80	9.70	1.07	21.76	
121840	LB	28/06/2011	UTM83-8	7126669	594352	1800	WHI11000454	34.00	0.35	10.00	0.80	4.00	44.30	0.30	0.08	18.92	0.28	12.40	3.60	6.70	0.51	9.65	
121841	LB	28/06/2011	UTM83-8	7126509	594386	1766	WHI11000454	24.00	0.18	11.00	0.50	4.00	39.70	0.20	0.09	19.61	0.16	9.50	3.90	6.20	1.39	10.31	
121842	LB	28/06/2011	UTM83-8	7126349	594352	1757	WHI11000454	30.00	0.27	4.00	0.40	2.00	30.80	0.30	0.05	18.52	0.45	8.80	2.70	4.90	0.30	5.76	
121843	LB	28/06/2011	UTM83-8	7126278	594477	1763	WHI11000454	50.00	0.39	9.00	0.10	6.00	65.00	0.20	0.14	17.26	0.22	13.30	4.20	9.10	0.50	9.54	
121844	LB	28/06/2011	UTM83-8	7126214	594581	1765	WHI11000454	59.00	0.80	8.60	0.70	9.00	105.90	0.60	0.18	14.40	0.27	26.10	6.00	15.80	0.47	12.23	
121845	LB	28/06/2011	UTM83-8	7126159	594697	1766	WHI11000454	14.00	0.18	5.80	0.40	2.00	42.80	0.20	0.07	23.15	0.22	8.70	3.00	4.80	0.29	5.98	
121846	LB	29/06/2011	UTM83-8	7127492	594380	1557	WHI11000454	28.00	0.43	40.10	0.50	0.50	82.50	0.70	0.14	25.55	1.06	20.70	7.00	6.50	1.23	13.07	
121847	LB	29/06/2011	UTM83-8	7127442	594389	1574	WHI11000454	23.00	0.42	39.40	0.10	2.00	81.70	0.40	0.13	25.72	0.99	21.00	6.70	5.60	1.24	12.40	
121848	LB	29/06/2011	UTM83-8	7127417	594316	1545	WHI11000454	29.00	0.76	98.40	0.50	2.00	102.40	0.90	0.19	23.23	1.32	30.20	8.20	8.50	2.88	20.42	
121849	LB	29/06/2011	UTM83-8	7127446	594263	1556	WHI11000454	15.00	0.40	73.80	0.10	2.00	53.40	0.40	0.12	24.08	0.76	19.50	5.70	5.70	2.00	14.00	
121850	LB	29/06/2011	UTM83-8	7127460	594254	1564	WHI11000454	28.00	0.43	52.50	0.10	1.00	79.60	0.50	0.14	27.90	0.93	22.50	7.50	7.10	1.99	16.09	
121857	SP	27/06/2011	UTM83-8	7127507	588557	1333	WHI11000454	160.00	1.52	13.80	0.80	2.00	135.80	0.70	0.28	3.25	0.43	23.20	8.50	23.60	1.17	12.42	
121858	SP	27/06/2011	UTM83-8	7127527	588444	1329	WHI11000454	403.00	0.83	8.60	1.30	3.00	134.80	1.10	0.48	0.41	0.46	24.90	15.70	18.40	2.35	40.13	
121859	SP	27/06/2011	UTM83-8	7127565	588343	1323	WHI11000454	227.00	1.84	10.50	1.50	4.00	104.90	0.90	0.24	1.33	0.62	46.30	8.50	35.60	2.21	23.23	
121860	SP	27/06/2011	UTM83-8	7127644	588264	1320	WHI11000454	253.00	1.38	11.00	3.90	5.00	122.00	0.70	0.25	1.04	0.43	34.50	11.80	39.00	9.28	30.90	
121861	SP	27/06/2011	UTM83-8	7127679	588170	1324	WHI11000454	200.00	1.18	9.50	1.80	5.00	235.60	1.00	0.24	2.64	0.49	19.60	8.40	19.90	1.69	25.02	
121862	SP	27/06/2011	UTM83-8	7127707	588074	1325	WHI11000454	206.00	1.11	11.80	0.80	3.00	123.40	0.60	0.21	7.79	1.14	22.00	8.40	18.30	1.04	20.91	
121863	SP	27/06/2011	UTM83-8	7127677	587974	1322	WHI11000454	134.00	1.49	12.70	1.10	2.00	227.70	0.90	0.28	1.16	0.36	26.90	9.10	24.00	1.07	18.75	
121864	SP	27/06/2011	UTM83-8	7127609	587891	1326	WHI11000454	71.00	1.35	12.50	1.70	1.00	226.00	0.80	0.27	0.82	0.23	25.50	8.20	25.10	1.26	18.52	
121865	SP	27/06/2011	UTM83-8	7127537	587820	1318	WHI11000454	120.00	0.49	13.80	0.60	3.00	65.20	0.50	0.20	7.98	0.33	19.00	9.90	14.40	1.71	22.96	
121866	SP	27/06/2011	UTM83-8	7127507	587720	1312	WHI11000454	146.00	1.44	25.80	2.20	7.00	137.20	0.50	0.32	1.42	0.54	31.70	11.60	26.90	3.86	24.01	
121867	SP	27/06/2011	UTM83-8	7127490	587616	1308	WHI11000454	134.00	1.23	20.10	1.70	2.00	104.80	0.90	0.29	1.37	0.38	22.90	10.30	21.40	1.26	24.05	
121868	SP	27/06/2011	UTM83-8	7127444	587511	1310	WHI11000454	134.00	1.38	29.50	1.50	4.00	131.60	1.30	0.29	1.01	0.38	33.20	9.80	26.70	4.27	22.90	
121869	SP	27/06/2011	UTM83-8	7127422	587404	1312	WHI11000454	161.00	1.34	41.90	2.20	8.00	150.80	1.10	0.31	1.56	0.46	34.80	10.00	24.70	4.82	24.70	
121870	SP	27/06/2011	UTM83-8	7127391	587308	1309	WHI11000454	138.00	1.16	17.60	2.00	8.00	106.00	0.80	0.28	4.16	0.45	33.20	10.00	22.50	3.91	22.52	
121871	SP	27/06/2011	UTM83-8	7127371	587208	1308	WHI11000454	122.00	1.28	16.30	2.60	9.00	113.10	0.90	0.27	1.40	0.50	34.90	10.80	24.40	4.03	21.90	
121872	SP	27/06/2011	UTM83-8	7127337	587110	1307	WHI11000454	143.00	1.49	18.30	1.70	3.00	148.40	0.50	0.29	1.10	0.48	30.80	10.80	26.30	2.33	20.66	
121873	SP	27/06/2011	UTM83-8	7127288	587004	1297	WHI11000454	120.00	1.17	16.60	2.30	5.00	109.10	0.70	0.26	4.80	0.38	27.10	8.50	20.50	1.57	16.01	
121874	SP	27/06/2011	UTM83-8	7127248	586911	1302	WHI11000454	149.00	1.25	56.60	1.90	8.00	152.70	1.10	0.28	3.11	0.37	31.10	10.50	23.20	3.13	23.11	
121875	SP	27/06/2011	UTM83-8	7127211	586816	1301	WHI11000454	124.00	0.97	70.00	1.20	9.00	97.70	1.00	0.19	5.41	0.50	25.30	8.00	18.80	3.39	18.16	
121876	SP	27/06/2011	UTM83-8	7127177	586717	1299	WHI11000454	134.00	1.08	62.40	2.30	8.00	130.70	0.90	0.22	4.12	0.60	30.30	8.50	20.30	6.15	20.48	
121877	SP	27/06/2011	UTM83-8	7127122	586627	1305	WHI11000454	159.00	1.37	42.20	1.40	8.00	164.90	0.60	0.26	2.37	0.45	34.20	9.90	25.10	6.08	21.64	
121878	SP	27/06/2011	UTM83-8	7127094	586533	1299	WHI11000454	133.00	1.17	50.10	1.80	11.00	146.50	0.90	0.24	3.49	0.61	34.80	8.00	19.90	7.89	18.82	
121879	SP	27/06/2011	UTM83-8	7127069	586419	1283	WHI11000454	172.00	1.36	38.20	1.40	7.00	156.00	0.80	0.27	2.31	0.82	30.00	10.30	23.20	5.65	20.98	
121880	SP	27/06/2011	UTM83-8	7127085	586313	1253	WHI11000454	138.00	1.21	50.10	1.30	4.00	161.90	0.90	0.24	3.32	0.70	26.70	10.10	22.00	4.98	20.64	
121881	SP	27/06/2011	UTM83-8	7127096	586214	1225	WHI11000454	125.00	1.54	75.30	1.30	5.00	260.40	1.10	0.30	1.66	0.70	25.40	12.00	25.20	8.40	27.42	
121882	SP	27/06/2011	UTM83-8	7127130	586113	1188	WHI11000454	140.00	1.30	44.70	1.50	7.00	202.00	0.60	0.25	3.27	0.44	23.20	9.80	21.70	3.16	23.12	
121883	SP	27/06/2011	UTM83-8	7127182	585998	1165	WHI11000454	30.00	2.57	16.80	1.30	4.00	86.40	1.70	0.38	0.12	0.43	47.00	15.80	43.60	2.14	14.71	
121884	SP	27/06/2011	UTM83-8	7127160	585897	1133	WHI11000454	78.00	0.82	28.90	0.50	6.00	100.40	0.30	0.16	6.73	0.50	19.50	5.30	14.30	2.91	13.22	
121920	LB	25/06/2011	UTM83-8	7120842	598318	1492</																	

Sample No.	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppb	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppb	S_pct	Sb_ppm	Sc_ppm
121829	3.38	4.20	0.05	0.23	35.00	0.05	0.09	29.70	15.20	0.10	128.00	11.30	0.00	0.74	106.30	0.21	29.34	5.00	1.00	9.20	2.00	0.06	4.14	3.10
121830	3.15	3.30	0.05	0.16	44.00	0.04	0.11	22.10	11.70	0.27	652.00	4.88	0.00	0.39	72.80	0.11	21.90	5.00	2.00	12.40	2.00	0.05	2.10	2.70
121831	2.31	2.10	0.05	0.08	48.00	0.02	0.09	13.60	5.10	2.53	212.00	3.72	0.01	0.31	37.60	0.09	15.91	5.00	1.00	7.70	2.00	0.02	1.65	1.80
121832	1.41	1.00	0.05	0.04	13.00	0.01	0.08	8.20	3.10	5.57	208.00	1.95	0.01	0.09	25.60	0.07	9.79	10.00	1.00	4.30	2.00	0.01	0.57	1.40
121833	1.43	1.30	0.05	0.03	10.00	0.01	0.05	8.20	5.00	6.03	258.00	2.16	0.01	0.20	19.10	0.06	8.64	5.00	1.00	3.50	0.50	0.01	0.65	1.70
121834	3.14	4.50	0.05	0.10	20.00	0.04	0.08	19.00	11.40	0.53	577.00	2.93	0.00	0.46	41.60	0.12	21.92	5.00	1.00	8.60	1.00	0.08	0.93	2.90
121835	1.00	0.90	0.05	0.04	16.00	0.01	0.06	5.00	2.50	4.26	207.00	1.58	0.01	0.14	37.20	0.03	7.60	5.00	1.00	2.80	0.50	0.01	0.70	1.20
121836	4.35	9.00	0.05	0.02	196.00	0.06	0.09	31.30	16.90	0.15	1789.00	4.83	0.00	0.37	175.40	0.08	47.39	28.00	4.00	6.80	0.50	0.01	2.30	9.20
121837	2.74	2.80	0.05	0.11	41.00	0.03	0.15	13.20	8.40	0.41	388.00	5.85	0.01	0.29	124.90	0.13	23.93	13.00	1.00	8.70	2.00	0.01	2.40	2.80
121838	2.94	2.10	0.05	0.07	24.00	0.02	0.14	13.20	7.30	0.52	410.00	4.53	0.00	0.20	118.10	0.15	23.07	19.00	2.00	8.50	2.00	0.01	1.86	2.50
121839	1.45	1.30	0.05	0.06	16.00	0.01	0.08	8.90	4.30	5.19	375.00	3.68	0.01	0.16	66.30	0.15	13.36	5.00	1.00	3.90	2.00	0.01	1.19	1.30
121840	0.71	0.70	0.05	0.04	8.00	0.01	0.05	6.80	2.20	8.36	241.00	2.13	0.01	0.07	11.90	0.06	6.35	5.00	1.00	2.90	5.00	0.01	0.45	0.70
121841	0.81	0.50	0.05	0.01	2.50	0.01	0.06	4.80	2.30	8.38	125.00	4.20	0.01	0.05	13.80	0.05	6.62	5.00	1.00	3.20	2.00	0.01	0.55	1.00
121842	0.54	0.60	0.05	0.01	8.00	0.01	0.03	6.50	2.40	9.06	192.00	0.62	0.01	0.06	10.40	0.03	5.73	5.00	1.00	2.00	0.50	0.01	0.26	0.50
121843	0.99	0.90	0.05	0.05	5.00	0.01	0.07	6.60	3.00	7.48	147.00	3.63	0.01	0.10	15.00	0.06	8.49	5.00	1.00	3.80	0.50	0.01	0.57	1.00
121844	1.62	1.60	0.05	0.04	2.50	0.01	0.12	12.80	5.80	5.03	222.00	1.57	0.01	0.14	21.50	0.09	10.27	5.00	1.00	6.70	2.00	0.01	0.46	1.80
121845	0.77	0.40	0.05	0.03	13.00	0.01	0.05	4.50	1.40	7.83	117.00	1.70	0.01	0.05	12.80	0.04	5.35	5.00	1.00	2.10	1.00	0.01	0.38	0.90
121846	1.24	1.50	0.05	0.13	49.00	0.01	0.06	8.30	3.50	3.28	350.00	1.77	0.01	0.05	51.50	0.06	12.99	11.00	1.00	3.50	2.00	0.01	0.71	1.80
121847	1.21	1.40	0.05	0.09	27.00	0.01	0.06	8.80	3.10	3.62	350.00	1.72	0.01	0.07	52.20	0.06	11.38	5.00	1.00	3.30	0.50	0.01	0.70	1.80
121848	1.65	1.80	0.05	0.09	42.00	0.01	0.10	12.50	4.80	2.46	476.00	3.08	0.00	0.06	98.30	0.13	14.74	5.00	1.00	5.70	1.00	0.01	1.16	2.30
121849	1.15	1.10	0.05	0.09	22.00	0.01	0.07	8.50	3.00	5.09	307.00	2.20	0.01	0.05	71.20	0.07	10.06	5.00	2.00	3.50	2.00	0.01	0.84	1.60
121850	1.31	1.50	0.05	0.15	29.00	0.01	0.08	9.50	3.90	2.12	366.00	2.00	0.00	0.06	69.10	0.06	11.70	13.00	1.00	3.90	3.00	0.01	0.84	2.20
121857	2.68	4.00	0.05	0.04	58.00	0.02	0.06	12.40	12.80	1.90	1573.00	1.14	0.00	0.32	19.30	0.15	29.26	5.00	1.00	7.60	0.50	0.07	0.62	1.80
121858	6.74	2.40	0.05	0.06	91.00	0.04	0.15	7.70	7.80	0.18	1192.00	1.87	0.01	0.12	40.90	0.09	63.65	5.00	1.00	9.30	0.50	0.22	0.46	5.30
121859	2.58	5.50	0.05	0.04	95.00	0.03	0.10	23.40	44.30	1.60	360.00	0.90	0.00	0.57	24.60	0.08	17.67	5.00	1.00	13.40	2.00	0.07	0.59	2.70
121860	2.95	4.20	0.05	0.06	120.00	0.03	0.12	19.40	24.00	1.04	349.00	0.95	0.00	0.45	30.60	0.06	30.17	5.00	1.00	16.00	2.00	0.03	0.61	6.00
121861	2.28	3.00	0.05	0.04	79.00	0.03	0.10	10.60	13.40	1.23	617.00	0.78	0.01	0.41	21.00	0.10	32.61	10.00	1.00	9.20	0.50	0.09	0.62	2.30
121862	2.39	2.70	0.05	0.03	364.00	0.03	0.09	10.60	12.70	4.14	1189.00	1.04	0.01	0.24	19.60	0.11	55.52	23.00	1.00	6.40	0.50	0.03	0.77	2.50
121863	2.95	4.10	0.05	0.05	77.00	0.05	0.07	12.80	17.00	0.54	596.00	0.90	0.00	0.48	21.20	0.10	32.49	5.00	1.00	8.70	0.50	0.08	0.77	3.70
121864	2.68	4.00	0.05	0.05	19.00	0.01	0.07	11.30	17.00	0.56	367.00	0.97	0.00	0.37	21.60	0.07	22.09	5.00	1.00	9.50	0.50	0.05	0.58	3.10
121865	2.21	1.60	0.05	0.04	39.00	0.01	0.09	8.50	9.00	3.36	435.00	1.15	0.01	0.11	19.60	0.06	24.99	5.00	1.00	6.00	1.00	0.01	0.67	3.40
121866	2.98	3.80	0.05	0.06	55.00	0.04	0.08	15.20	14.30	0.58	542.00	1.90	0.01	0.53	30.70	0.11	20.88	5.00	1.00	11.40	0.50	0.05	0.91	2.70
121867	2.72	3.50	0.05	0.03	56.00	0.04	0.07	11.10	14.30	0.48	397.00	1.26	0.01	0.46	25.20	0.07	20.79	5.00	1.00	7.10	0.50	0.08	0.68	2.80
121868	3.02	4.00	0.05	0.07	64.00	0.03	0.09	16.30	11.50	0.42	377.00	3.31	0.01	0.52	34.00	0.12	18.39	5.00	1.00	11.40	0.50	0.06	0.99	2.70
121869	3.03	4.20	0.05	0.09	75.00	0.04	0.09	19.00	13.10	0.41	437.00	3.70	0.01	0.65	41.80	0.21	21.98	17.00	2.00	9.90	0.50	0.08	1.24	2.90
121870	2.33	3.20	0.05	0.04	47.00	0.02	0.13	15.10	10.20	2.13	387.00	2.63	0.01	0.41	29.10	0.08	19.09	5.00	1.00	9.80	0.50	0.04	0.93	2.80
121871	2.33	3.50	0.05	0.04	47.00	0.02	0.11	16.70	10.70	0.45	485.00	1.57	0.01	0.54	26.90	0.09	18.79	5.00	1.00	10.70	0.50	0.09	0.82	2.30
121872	2.81	4.40	0.05	0.05	49.00	0.03	0.08	13.80	13.00	0.43	553.00	1.45	0.01	0.60	27.20	0.09	21.03	5.00	1.00	8.50	0.50	0.08	0.84	2.50
121873	2.33	2.90	0.05	0.02	46.00	0.02	0.06	12.90	10.30	2.35	342.00	1.70	0.01	0.31	24.00	0.07	16.09	5.00	1.00	6.40	0.50	0.02	0.71	2.70
121874	2.77	3.80	0.05	0.06	67.00	0.03	0.11	14.90	12.10	1.62	406.00	2.17	0.01	0.49	33.30	0.08	18.08	12.00	2.00	8.60	0.50	0.06	0.83	2.80
121875	2.05	2.60	0.05	0.04	45.00	0.01	0.11	11.90	8.20	2.81	349.00	1.84	0.01	0.34	25.40	0.08	13.79	5.00	1.00	8.00	0.50	0.05	0.71	2.00
121876	2.21	3.10	0.05	0.06	50.00	0.03	0.09	14.20	11.70	2.10	351.00	1.78	0.01	0.48	28.10	0.09	15.28	5.00	2.00	9.20	0.50	0.05	0.81	2.50
121877	2.49	3.70	0.05	0.06	62.00	0.01	0.10	17.00	13.20	1.18	345.00	1.52	0.01	0.52	29.00	0.09	17.74	5.00	1.00	10.50	1.00	0.05	0.78	3.10
121878	1.99	3.10	0.05	0.07	63.00	0.02	0.10	17.00	10.40	1.63	347.00	1.64	0.01	0.45	31.30	0.13	16.53	5.00	1.00	10.50	0.50	0.07	0.94	2.10
121879	2.46	3.70	0.05	0.05	70.00	0.03	0.10	14.90	12.40	0.85	510.00	1.39	0.01	0.56	27.70	0.11	17.32	5.00	1.00	10.90	0.50	0.09	0.82	2.30
121880	2.42	3.30	0.05	0.05	59.00	0.03	0.09	12.40	11.10	1.61	489.00	1.77	0.01	0.48	29.90	0.09	18.50	5.00	1.00	9.30	0.50	0.07	0.78	2.40
121881	2.91	4.40	0.05	0.06	57.00	0.03	0.15	12.20	15.40	0.75	387.00	2.60	0.01	0.48	37.70	0.08	22.51	5.00	1.00	15.30	0.50	0.07	0.84	3.20
121882	2.55	3.60	0.05	0.06	53.00	0.03	0.12	11.50	14.40	1.62	399.00	1.37	0.01	0.47	27.30	0.07	19.88	5.00	1.00	11.40	0.50	0.06	0.68	2.90
121883	4.88	6.50	0.05	0.06	56.00	0.07	0.09	11.50	34.30	0.45	1163.00	1.66	0.00	0.67	26.30	0.08	40.90	5.00	1.00	15.30	0.50	0.03	0.47	4.10
121884	1.47	1.90	0.05	0.04	52.00	0.01	0.07	8.70	5.50	3.69	320.00	1.39	0.01	0.40	19.50	0.10	11.28	5.00	1.00	6.50	0.50	0.10	0.60	1.40
121920	2.66	6.50	0.05	0.01	54.00	0.03	0.05	10.60	15.00	0.59	602.00	7.26	0.01	0.72	20.90	0.26	17.48	5.00	1.00	8.50	0.50	0.05	0.89	

Sample No.	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Ti_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zn_pct	Zr_ppm
121829	1.40	1.90	112.00	0.03	0.15	2.90	0.01	0.56	9.00	153.00	0.10	30.17	316.60		6.6
121830	0.70	1.10	70.50	0.03	0.06	2.00	0.01	0.53	2.00	83.00	0.05	22.70	198.90		4.3
121831	0.40	0.70	157.20	0.03	0.02	2.10	0.01	0.50	1.80	70.00	0.05	9.25	109.00		2.6
121832	0.20	0.50	83.20	0.03	0.07	0.90	0.00	0.72	3.00	17.00	0.05	9.91	66.80		1.3
121833	0.40	0.40	73.40	0.03	0.04	1.60	0.01	0.23	2.50	23.00	0.10	8.13	51.50		1.2
121834	0.60	0.70	15.60	0.03	0.09	1.70	0.01	0.91	3.10	49.00	0.05	22.28	147.80		2.8
121835	0.30	0.70	65.70	0.03	0.04	1.10	0.00	0.36	1.50	25.00	0.05	6.12	119.10		1.5
121836	0.30	2.30	23.10	0.03	0.15	17.70	0.03	3.33	4.10	79.00	0.10	28.23	421.00		5.1
121837	0.20	1.00	35.60	0.03	0.21	4.00	0.01	0.68	7.10	65.00	0.20	11.61	318.10		3.6
121838	0.30	0.90	46.80	0.03	0.11	2.50	0.00	0.68	9.80	86.00	0.20	13.16	305.60		2.5
121839	0.30	0.50	104.80	0.03	0.09	1.00	0.00	0.93	13.20	42.00	0.05	8.71	171.20		2.1
121840	0.30	0.20	123.10	0.03	0.08	0.60	0.00	0.24	4.40	18.00	0.05	5.78	40.30		1.3
121841	0.20	0.30	119.00	0.03	0.06	1.10	0.00	0.43	4.40	15.00	0.05	4.79	23.20		1.1
121842	0.20	0.30	47.90	0.03	0.07	0.30	0.00	0.11	0.60	10.00	0.05	5.89	42.20		0.9
121843	0.20	0.50	114.70	0.03	0.05	0.90	0.00	0.23	4.30	16.00	0.05	6.37	37.70		1.6
121844	0.50	0.50	97.10	0.03	0.05	1.30	0.01	0.23	1.80	20.00	0.05	10.77	61.00		1.4
121845	0.05	0.30	98.50	0.03	0.08	0.80	0.00	0.25	2.80	10.00	0.05	5.89	30.70		0.7
121846	0.20	1.80	84.30	0.03	0.06	3.10	0.00	0.75	4.30	28.00	0.05	11.87	127.70		7.6
121847	0.30	1.00	82.00	0.03	0.12	2.90	0.01	0.75	4.10	29.00	0.05	11.74	129.80		7.3
121848	0.30	0.90	71.90	0.03	0.12	4.40	0.01	1.30	8.80	46.00	0.05	15.46	261.70		7.9
121849	0.40	1.10	63.90	0.03	0.12	2.80	0.00	0.79	4.70	33.00	0.05	9.29	172.90		7.7
121850	0.05	0.70	81.80	0.03	0.06	3.30	0.01	0.84	4.10	34.00	0.05	11.58	180.20		9.2
121857	0.40	0.90	32.20	0.03	0.08	1.10	0.01	0.22	2.30	38.00	0.10	10.95	128.20		1
121858	0.90	0.60	36.90	0.03	0.09	5.60	0.00	0.64	2.10	23.00	0.05	16.28	170.30		2.2
121859	1.00	0.70	59.40	0.03	0.03	1.40	0.01	0.18	9.00	44.00	0.05	11.97	125.10		1.8
121860	1.30	0.80	74.70	0.03	0.04	3.50	0.01	0.26	1.90	37.00	0.05	15.21	132.60		2.9
121861	0.70	0.50	40.20	0.03	0.01	1.10	0.01	0.19	2.10	23.00	0.05	11.36	133.10		1.7
121862	0.40	0.70	47.70	0.03	0.05	1.40	0.01	0.18	1.80	23.00	0.05	10.63	322.60		1.2
121863	0.50	0.70	36.00	0.03	0.08	1.70	0.01	0.14	3.30	31.00	0.05	12.15	123.50		1.7
121864	0.10	0.60	31.30	0.03	0.01	1.70	0.01	0.16	1.80	30.00	0.05	9.24	83.80		1.5
121865	0.40	0.70	99.10	0.03	0.05	3.20	0.00	0.17	1.10	18.00	0.05	9.71	92.20		1.7
121866	0.70	0.60	104.50	0.03	0.04	1.50	0.01	0.30	2.00	60.00	0.10	12.69	126.70		1.9
121867	0.60	0.50	34.50	0.03	0.02	1.40	0.01	0.19	2.00	37.00	0.05	10.67	105.80		1.7
121868	0.70	0.60	130.60	0.03	0.05	2.00	0.01	0.32	2.20	76.00	0.10	12.16	118.20		2.1
121869	0.60	0.60	200.00	0.03	0.07	1.90	0.01	0.32	4.20	93.00	0.05	14.98	148.40		2.9
121870	0.50	0.60	154.00	0.03	0.05	2.30	0.01	0.44	1.20	43.00	0.05	10.85	92.50		1.5
121871	0.40	0.50	153.20	0.03	0.01	1.50	0.01	0.37	2.30	46.00	0.05	11.73	105.10		1.4
121872	0.70	0.50	67.50	0.03	0.05	1.30	0.01	0.21	3.00	50.00	0.05	10.34	92.20		1.4
121873	0.40	0.50	82.30	0.03	0.08	1.60	0.01	0.15	1.10	44.00	0.10	10.51	72.00		0.9
121874	0.50	0.60	142.30	0.03	0.03	1.90	0.01	0.21	1.10	51.00	0.05	11.62	96.60		2.2
121875	0.60	0.70	228.20	0.03	0.04	1.10	0.01	0.36	1.10	43.00	0.10	9.72	90.80		1.2
121876	0.60	0.60	238.60	0.03	0.04	1.50	0.01	0.34	1.20	52.00	0.10	10.71	105.10		1.8
121877	0.30	0.90	267.80	0.03	0.03	2.00	0.01	0.35	1.10	56.00	0.05	12.26	106.10		1.9
121878	0.40	0.70	523.40	0.03	0.09	1.50	0.01	0.61	1.50	62.00	0.05	12.03	118.90		2.5
121879	0.80	0.50	240.50	0.03	0.06	1.00	0.01	0.35	1.60	57.00	0.10	11.50	127.20		1.5
121880	0.60	0.50	149.70	0.03	0.04	1.30	0.01	0.86	1.40	46.00	0.05	11.30	129.80		1.7
121881	0.60	0.70	83.00	0.03	0.03	1.70	0.01	1.83	3.40	39.00	0.05	10.00	134.10		2.4
121882	0.50	0.40	58.00	0.03	0.01	1.60	0.01	0.87	1.60	34.00	0.05	8.86	110.60		1.4
121883	0.50	0.80	15.50	0.03	0.06	7.10	0.00	0.21	2.10	42.00	0.05	7.35	134.00		3.6
121884	0.20	0.60	163.10	0.03	0.01	0.70	0.01	0.39	1.90	43.00	0.05	7.46	119.90		1.8
121920	0.50	0.80	23.60	0.03	0.04	0.90	0.02	0.26	5.10	84.00	0.20	5.84	82.00		0.7
121921	0.60	0.30	43.10	0.03	0.02	0.50	0.01	0.26	6.70	47.00	0.05	4.86	33.70		0.6
121922	0.70	0.40	72.20	0.03	0.01	0.90	0.00	0.37	2.60	27.00	0.05	4.87	53.50		1.9
121923	0.30	0.80	18.40	0.03	0.06	0.70	0.01	0.20	1.50	60.00	0.20	3.26	59.00		0.6
121924	0.20	0.90	11.20	0.03	0.08	0.30	0.01	0.24	0.90	71.00	0.20	2.52	53.40		0.05
121925	0.20	0.80	12.80	0.03	0.08	0.20	0.01	0.21	2.70	67.00	0.20	3.79	61.70		0.05
121926	0.80	0.70	61.20	0.03	0.06	0.80	0.02	0.26	12.70	70.00	0.20	10.45	56.10		0.6
121927	0.40	0.60	15.70	0.03	0.08	1.40	0.02	0.18	2.40	60.00	0.20	10.83	63.60		0.4

Scarlet West Property (Car & Lin Claims) - 2011 Soil Sample Locations and Analytical Results																						
Sample No.	Sampler	Sample Date	grid_type	north	east	elevation	lab_ref_number	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm
121928	LB	25/06/2011	UTM83-8	7121517	598750	1412	WHI11000454	61.00	1.86	13.80	1.00	0.50	169.30	0.80	0.23	1.44	0.16	39.80	10.90	31.30	1.64	14.77
121929	LB	25/06/2011	UTM83-8	7121601	598803	1390	WHI11000454	181.00	1.79	12.00	1.70	2.00	180.60	1.00	0.23	0.36	0.24	38.60	9.70	31.80	1.30	20.11
121930	LB	25/06/2011	UTM83-8	7121689	598857	1364	WHI11000454	139.00	1.44	9.40	1.40	3.00	148.60	0.70	0.18	6.64	0.25	20.00	7.60	24.50	0.96	11.62
121931	LB	25/06/2011	UTM83-8	7121760	598922	1330	WHI11000454	21.00	1.45	9.40	1.20	2.00	175.60	0.40	0.25	0.24	0.09	20.70	5.90	21.60	2.03	8.59
121932	LB	25/06/2011	UTM83-8	7121825	599000	1310	WHI11000454	131.00	1.12	10.90	0.70	1.00	46.40	0.10	0.24	0.05	0.07	22.00	4.10	18.90	1.55	8.81
121933	LB	25/06/2011	UTM83-8	7121900	599071	1326	WHI11000454	20.00	1.93	9.30	0.40	3.00	103.40	0.70	0.35	0.04	0.08	16.50	13.80	26.90	2.27	19.44
121934	LB	25/06/2011	UTM83-8	7121975	599133	1328	WHI11000454	13.00	1.86	8.90	0.80	0.50	100.10	0.70	0.32	0.06	0.05	19.90	10.90	24.50	1.77	11.04
121935	LB	25/06/2011	UTM83-8	7122061	599193	1316	WHI11000454	33.00	1.76	10.30	0.80	1.00	134.20	0.30	0.32	0.12	0.10	20.50	7.40	26.10	2.12	10.58
121936	LB	25/06/2011	UTM83-8	7122145	599247	1302	WHI11000454	14.00	0.90	7.80	0.70	0.50	78.70	0.20	0.32	0.02	0.08	28.00	7.00	15.00	2.35	7.23
121937	LB	25/06/2011	UTM83-8	7122202	599335	1302	WHI11000454	25.00	1.48	17.50	0.10	0.50	81.50	0.60	0.38	0.05	0.11	16.60	12.80	25.80	3.85	10.33
121938	LB	25/06/2011	UTM83-8	7122222	599453	1308	WHI11000454	23.00	0.98	15.90	0.60	0.50	96.20	0.40	0.34	0.05	0.08	24.80	8.30	17.30	2.22	8.91
121939	LB	25/06/2011	UTM83-8	7122980	596809	1445	WHI11000454	50.00	0.97	15.80	0.90	4.00	131.90	0.90	0.18	22.63	4.35	25.40	10.90	11.10	1.64	33.01
121940	LB	25/06/2011	UTM83-8	7122952	596845	1446	WHI11000454	53.00	1.19	17.40	0.10	4.00	164.70	1.00	0.15	21.37	4.95	28.50	13.10	13.10	1.53	44.47
121941	LB	25/06/2011	UTM83-8	7122909	596894	1428	WHI11000454	41.00	0.94	14.40	0.10	3.00	113.30	0.80	0.13	22.57	3.96	21.10	10.70	10.40	1.16	30.65
121942	LB	25/06/2011	UTM83-8	7122881	596960	1437	WHI11000454	10.00	0.29	9.50	0.10	5.00	60.50	0.10	0.07	21.01	0.57	11.90	3.90	5.60	0.69	8.85
121943	LB	25/06/2011	UTM83-8	7122997	597196	1463	WHI11000454	13.00	0.20	15.30	0.10	6.00	62.10	0.20	0.05	15.27	0.21	17.80	3.40	10.10	1.54	4.29
121944	LB	25/06/2011	UTM83-8	7123006	597211	1467	WHI11000454	15.00	0.75	38.00	0.30	11.00	252.30	0.90	0.20	8.60	0.19	37.30	5.90	9.30	2.33	8.74
121945	LB	25/06/2011	UTM83-8	7123054	597227	1477	WHI11000454	9.00	0.18	5.10	0.10	4.00	31.20	0.30	0.02	20.94	0.62	6.50	1.50	5.00	0.42	4.21
121946	LB	25/06/2011	UTM83-8	7123037	597229	1446	WHI11000454	32.00	0.81	17.20	0.10	8.00	153.10	1.40	0.13	1.70	0.21	86.40	5.40	7.90	3.74	7.03
121947	LB	25/06/2011	UTM83-8	7123144	597191	1456	WHI11000454	10.00	0.15	3.40	0.10	3.00	30.00	0.10	0.01	21.26	0.26	7.10	1.20	3.90	0.45	2.50
121948	LB	25/06/2011	UTM83-8	7123177	597210	1460	WHI11000454	35.00	0.69	13.10	0.50	10.00	152.50	1.50	0.13	5.57	0.24	55.90	7.40	5.70	1.58	10.68
121949	LB	25/06/2011	UTM83-8	7123245	597210	1458	WHI11000454	38.00	0.78	8.40	0.10	14.00	162.10	1.30	0.12	4.39	0.16	65.40	4.30	6.50	1.35	7.57
121950	LB	25/06/2011	UTM83-8	7123262	597201	1448	WHI11000454	26.00	0.50	7.70	0.10	10.00	125.70	0.60	0.08	9.04	0.30	42.80	3.30	8.60	0.82	5.93
617042	SP	27/08/2011	UTM83-8	7129297	596594	1732	WHI11001354	35.00	2.00	1.60	1.40	3.00	80.40	1.00	0.18	2.05	0.26	47.20	10.20	44.10	0.68	35.92
617043	SP	27/08/2011	UTM83-8	7129253	596600	1722	WHI11001354	50.00	1.91	3.00	4.70	6.00	83.60	1.10	0.16	1.07	0.35	54.80	10.20	43.80	1.15	24.14
617044	SP	27/08/2011	UTM83-8	7129200	596599	1702	WHI11001354	40.00	1.74	1.70	2.60	4.00	63.40	1.00	0.14	4.96	0.24	47.40	10.40	36.70	0.72	31.01
617045	SP	27/08/2011	UTM83-8	7129151	596602	1677	WHI11001354	58.00	1.78	5.30	14.10	5.00	51.50	1.00	0.28	3.71	0.22	52.30	10.90	38.80	1.83	35.69
617046	SP	27/08/2011	UTM83-8	7129101	596598	1647	WHI11001354	63.00	1.95	5.60	7.10	7.00	64.30	1.20	0.21	1.83	0.29	55.40	11.10	42.60	1.45	36.55
617047	SP	27/08/2011	UTM83-8	7129049	596600	1612	WHI11001354	105.00	1.73	6.30	21.80	7.00	56.30	1.00	0.19	2.21	0.40	49.40	9.90	36.80	0.83	38.28
617048	SP	27/08/2011	UTM83-8	7129003	596600	1600	WHI11001354	179.00	1.25	9.10	5.60	5.00	68.20	0.90	0.19	3.05	0.56	43.10	9.20	25.30	0.71	30.96
617049	SP	27/08/2011	UTM83-8	7128903	596598	1526	WHI11001354	246.00	0.87	8.20	2.10	5.00	75.30	1.00	0.24	1.36	0.50	26.00	5.60	14.90	0.79	18.37
617050	SP	27/08/2011	UTM83-8	7128850	596602	1522	WHI11001354	150.00	0.60	9.80	3.60	6.00	45.10	0.50	0.18	11.31	5.56	12.80	4.40	10.50	1.08	8.75
617704	ALJ	27/08/2011	UTM83-8	7127301	597098	1573	WHI11001353	48.00	0.97	3.20	4.80	11.00	151.50	1.10	0.21	2.47	0.15	27.20	10.20	18.10	1.31	14.54
617705	ALJ	27/08/2011	UTM83-8	7127351	597099	1575	WHI11001353	58.00	1.06	3.90	2.30	11.00	124.10	1.00	0.19	4.57	0.25	38.60	13.40	18.90	1.74	16.37
617706	ALJ	27/08/2011	UTM83-8	7127400	597099	1580	WHI11001353	230.00	1.30	6.10	2.00	9.00	167.30	1.20	0.21	2.66	1.73	46.30	12.60	22.10	1.38	19.31
617707	ALJ	27/08/2011	UTM83-8	7127447	597098	1585	WHI11001353	238.00	1.49	6.00	3.20	6.00	204.70	1.40	0.21	1.35	0.79	43.20	10.60	24.90	1.12	17.04
617708	ALJ	27/08/2011	UTM83-8	7127500	597100	1581	WHI11001353	109.00	1.34	9.00	5.20	4.00	143.20	0.70	0.32	0.77	0.35	20.80	7.10	23.10	2.08	16.21
617709	ALJ	27/08/2011	UTM83-8	7127600	597100	1594	WHI11001353	100.00	0.79	7.80	3.10	2.00	37.20	0.20	0.27	0.01	0.06	26.80	3.80	15.60	1.25	11.37
617710	ALJ	27/08/2011	UTM83-8	7127650	597101	1604	WHI11001353	90.00	0.90	8.30	2.00	4.00	62.60	0.60	0.25	0.03	0.13	34.20	12.10	20.40	1.64	19.65
617711	ALJ	27/08/2011	UTM83-8	7127701	597099	1606	WHI11001353	39.00	1.88	5.10	1.70	5.00	87.60	0.80	0.22	0.06	0.15	60.70	13.10	27.20	1.90	20.35
617712	ALJ	27/08/2011	UTM83-8	7127749	597097	1615	WHI11001353	35.00	1.68	4.00	0.70	6.00	90.90	0.70	0.23	0.05	0.10	51.00	7.30	25.70	2.48	13.46
617713	ALJ	27/08/2011	UTM83-8	7127851	597104	1524	WHI11001353	101.00	1.02	4.80	1.50	6.00	73.90	0.90	0.26	0.55	0.11	38.80	7.10	16.50	1.54	16.55
617714	ALJ	27/08/2011	UTM83-8	7127899	597101	1505	WHI11001353	50.00	1.26	16.40	2.60	1.00	171.40	0.50	0.43	0.04	0.12	15.10	16.10	28.00	3.19	26.79
617715	ALJ	27/08/2011	UTM83-8	7127949	597101	1494	WHI11001353	38.00	1.85	17.50	2.00	2.00	94.10	1.10	0.50	0.04	0.14	21.40	15.60	35.30	4.35	38.62
617716	ALJ	27/08/2011	UTM83-8	7128000	597099	1477	WHI11001353	40.00	1.90	16.70	1.30	2.00	74.00	1.30	0.49	0.04	0.15	21.50	22.00	35.10	4.20	27.23
617717	ALJ	27/08/2011	UTM83-8	7128051	597099	1467	WHI11001353	35.00	1.96	9.70	2.40	1.00	118.90	1.40	0.50	0.03	0.11	16.90	28.20	36.30	4.50	30.13
617718	ALJ	27/08/2011	UTM83-8	7128102	597098	1466	WHI11001353	28.00	1.69	10.30	1.80	2.00	153.00	0.90	0.35	0.09	0.14	27.20	8.10	29.70	2.58	16.97
617719	ALJ	27/08/2011	UTM83-8	7128146	597098	1472	WHI11001353	31.00	0.72	14.80	0.50	1.00	123.50	0.70	0.37	0.09	0.07	6.30	7.70	11.80	1.37	25.21
617720	ALJ	27/08/2011	UTM83-8	7128200	597095	1472	WHI11001353	20.00	2.00	9.30	1.00	2.00	165.70	1.20	0.42	0.08	0.07	16.50	16.30	30.50	2.56	14.86
617721	ALJ	27/08/2011	UTM83-8	7128247	597098	1462	WHI11001353	56.00	0.98	23.90	1.70	3.00	116.90	0.80	0.22	3.66	0.82	29.60	5.70	18.90	0.82	8.87
617722	ALJ	27/08/2011	UTM83-8	7128299	597100	1444	WHI11001353	125.00	1.69	25.2												

Sample No.	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppb	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppb	S_pct	Sb_ppm	Sc_ppm
121928	2.71	4.50	0.05	0.01	29.00	0.02	0.06	16.80	16.80	1.18	535.00	1.94	0.01	0.61	28.40	0.06	13.04	5.00	1.00	10.70	0.50	0.01	0.80	3.50
121929	2.92	3.80	0.05	0.04	35.00	0.02	0.08	18.80	16.10	0.53	528.00	1.29	0.01	0.53	27.80	0.06	17.83	5.00	1.00	11.60	0.50	0.03	0.73	5.40
121930	2.09	3.10	0.05	0.01	33.00	0.03	0.08	11.90	11.30	3.64	464.00	1.40	0.01	0.44	17.10	0.21	13.04	5.00	1.00	9.10	0.50	0.05	0.60	2.30
121931	2.61	5.60	0.05	0.01	9.00	0.02	0.07	10.20	14.10	0.33	317.00	1.64	0.00	0.55	14.10	0.03	15.35	5.00	1.00	14.10	0.50	0.01	0.43	2.10
121932	2.73	6.20	0.05	0.01	33.00	0.02	0.04	10.90	7.30	0.18	194.00	1.58	0.00	1.16	9.10	0.04	14.58	5.00	1.00	7.80	0.50	0.02	0.73	1.30
121933	3.45	6.10	0.05	0.03	13.00	0.03	0.11	7.20	30.60	0.42	847.00	0.77	0.00	0.38	21.20	0.03	27.22	5.00	1.00	18.60	0.50	0.01	0.38	3.20
121934	2.96	6.30	0.05	0.03	13.00	0.02	0.11	9.50	16.90	0.31	600.00	1.05	0.00	0.58	15.10	0.02	22.22	5.00	1.00	15.30	0.50	0.01	0.45	2.90
121935	2.74	7.00	0.05	0.01	22.00	0.03	0.08	9.90	18.20	0.33	536.00	1.47	0.00	0.77	14.00	0.04	16.64	5.00	1.00	18.80	0.50	0.01	0.56	2.70
121936	2.17	6.80	0.05	0.01	18.00	0.01	0.06	14.40	5.80	0.07	890.00	1.65	0.00	0.81	7.10	0.03	13.39	5.00	1.00	11.50	0.50	0.01	0.69	1.40
121937	3.73	7.30	0.05	0.01	39.00	0.03	0.09	7.80	19.90	0.27	985.00	1.79	0.00	0.85	15.80	0.05	28.28	5.00	1.00	14.80	0.50	0.01	0.78	2.30
121938	2.53	7.50	0.05	0.01	34.00	0.01	0.07	12.50	4.60	0.10	1228.00	1.98	0.00	1.02	10.00	0.05	18.67	5.00	1.00	13.90	0.50	0.02	0.91	1.60
121939	1.65	1.80	0.05	0.05	61.00	0.01	0.17	12.50	6.00	1.66	328.00	2.14	0.00	0.12	117.80	0.10	11.37	23.00	1.00	9.00	0.50	0.02	1.02	3.20
121940	1.78	2.00	0.05	0.07	71.00	0.02	0.18	16.60	7.00	2.13	456.00	2.66	0.01	0.11	179.10	0.15	13.06	28.00	1.00	9.50	0.50	0.01	1.31	3.80
121941	1.49	1.50	0.05	0.05	41.00	0.01	0.17	11.70	5.50	2.62	356.00	2.25	0.01	0.11	124.80	0.11	9.62	15.00	1.00	8.50	0.50	0.04	1.02	3.10
121942	0.77	0.70	0.05	0.01	11.00	0.01	0.07	6.90	2.80	7.17	134.00	2.00	0.01	0.08	22.90	0.03	6.45	5.00	1.00	4.60	3.00	0.05	0.45	1.50
121943	1.28	0.60	0.05	0.01	16.00	0.01	0.05	8.90	1.70	8.55	119.00	3.01	0.01	0.17	14.90	0.05	5.34	5.00	1.00	3.50	2.00	0.15	0.88	1.20
121944	3.08	2.10	0.05	0.04	8.00	0.02	0.29	16.30	4.30	2.47	122.00	5.67	0.01	0.41	19.70	0.15	9.30	5.00	1.00	11.70	1.00	0.08	1.38	1.90
121945	0.38	0.50	0.05	0.01	6.00	0.01	0.02	4.60	1.90	10.59	135.00	1.07	0.01	0.10	20.40	0.03	2.86	5.00	1.00	1.80	0.50	0.10	0.29	0.90
121946	2.75	2.90	0.05	0.07	8.00	0.05	0.21	40.10	5.20	0.45	97.00	0.90	0.00	0.80	17.90	0.10	10.27	5.00	1.00	12.60	0.50	0.08	0.64	1.70
121947	0.31	0.40	0.05	0.01	2.50	0.01	0.03	5.00	1.30	10.48	103.00	0.81	0.01	0.09	10.00	0.03	2.20	5.00	1.00	2.00	0.50	0.09	0.22	0.80
121948	2.68	1.80	0.05	0.04	15.00	0.03	0.24	26.50	4.60	1.23	161.00	1.06	0.00	0.43	21.70	0.10	9.99	5.00	1.00	9.90	0.50	0.04	0.50	2.50
121949	2.12	2.10	0.05	0.06	11.00	0.03	0.26	30.70	6.00	1.81	163.00	1.12	0.01	0.82	14.70	0.11	8.51	5.00	1.00	11.30	0.50	0.05	0.31	2.70
121950	1.59	1.70	0.05	0.01	10.00	0.02	0.13	21.40	3.80	4.35	158.00	1.13	0.01	0.54	12.30	0.09	6.40	5.00	1.00	7.40	2.00	0.11	0.32	1.60
617042	2.25	6.30	0.05	0.08	34.00	0.03	0.11	24.80	39.60	2.04	347.00	0.31	0.00	0.21	27.00	0.07	13.38	5.00	1.00	8.60	0.50	0.05	0.15	3.20
617043	2.46	6.30	0.05	0.12	26.00	0.03	0.13	26.70	44.20	2.13	376.00	0.31	0.00	0.25	27.40	0.06	9.78	5.00	1.00	10.80	0.50	0.05	0.23	3.10
617044	2.34	5.30	0.05	0.14	21.00	0.03	0.12	23.90	36.20	2.63	334.00	0.26	0.00	0.10	25.40	0.06	12.49	5.00	1.00	8.20	2.00	0.02	0.10	4.10
617045	2.38	5.50	0.05	0.10	29.00	0.03	0.18	26.70	39.50	2.68	306.00	0.39	0.00	0.12	26.80	0.06	12.30	5.00	1.00	13.20	0.50	0.01	0.19	4.20
617046	2.60	6.20	0.05	0.14	32.00	0.03	0.22	28.30	47.00	2.57	290.00	0.44	0.00	0.20	28.70	0.07	15.45	5.00	1.00	14.10	0.50	0.03	0.23	4.20
617047	2.42	5.40	0.05	0.11	28.00	0.04	0.21	25.40	39.80	2.27	304.00	0.55	0.00	0.21	26.30	0.07	25.66	5.00	1.00	11.70	0.50	0.04	0.33	3.70
617048	2.49	3.80	0.05	0.12	76.00	0.04	0.14	21.80	24.30	1.68	441.00	1.07	0.00	0.17	23.50	0.09	58.64	5.00	1.00	8.40	0.50	0.05	0.77	2.70
617049	2.32	2.40	0.05	0.12	84.00	0.03	0.09	15.50	8.10	0.30	222.00	0.86	0.00	0.23	15.50	0.16	26.85	5.00	1.00	9.30	1.00	0.10	0.39	2.70
617050	2.05	1.60	0.05	0.05	145.00	0.04	0.07	6.50	4.10	6.00	1441.00	1.43	0.01	0.14	10.10	0.11	1006.75	5.00	1.00	6.20	0.50	0.01	0.70	1.20
617704	2.79	2.40	0.05	0.09	34.00	0.03	0.20	12.80	10.10	0.33	232.00	1.22	0.00	0.46	27.30	0.08	13.32	5.00	1.00	12.40	0.50	0.11	0.24	2.70
617705	3.22	2.50	0.05	0.08	27.00	0.04	0.27	16.10	11.00	0.35	352.00	1.55	0.00	0.25	34.30	0.07	15.58	5.00	1.00	13.90	0.50	0.03	0.32	4.40
617706	3.55	3.40	0.05	0.10	28.00	0.04	0.28	21.20	15.80	0.37	331.00	2.87	0.00	0.41	37.90	0.07	15.84	5.00	1.00	14.40	0.50	0.04	1.30	5.10
617707	3.56	3.80	0.05	0.12	38.00	0.04	0.18	21.20	14.70	0.31	554.00	2.13	0.00	0.60	31.60	0.10	24.69	5.00	1.00	13.40	0.50	0.08	0.98	3.10
617708	2.89	5.20	0.05	0.01	28.00	0.03	0.11	9.00	13.30	0.28	334.00	1.52	0.00	0.80	17.10	0.08	17.11	5.00	1.00	15.90	0.50	0.08	0.79	1.30
617709	2.62	5.40	0.05	0.01	26.00	0.01	0.09	11.30	4.90	0.13	98.00	1.28	0.00	0.65	8.80	0.03	13.93	5.00	1.00	10.10	0.50	0.01	0.70	1.10
617710	2.53	2.80	0.05	0.04	51.00	0.02	0.12	13.00	11.40	0.23	533.00	2.91	0.00	0.20	21.60	0.05	36.12	5.00	1.00	11.80	0.50	0.03	0.64	2.10
617711	3.09	4.60	0.05	0.10	35.00	0.03	0.21	12.80	35.10	0.49	468.00	0.86	0.00	0.15	27.50	0.05	20.44	5.00	1.00	20.40	0.50	0.01	0.49	2.80
617712	2.81	5.60	0.05	0.05	21.00	0.03	0.19	19.00	29.90	0.37	205.00	0.60	0.00	0.37	14.20	0.06	13.39	5.00	1.00	21.00	0.50	0.02	0.44	2.00
617713	1.97	3.00	0.05	0.11	23.00	0.01	0.19	22.50	18.00	0.46	225.00	0.41	0.00	0.20	15.80	0.07	18.69	5.00	1.00	12.70	0.50	0.04	0.34	3.30
617714	3.84	5.50	0.05	0.01	29.00	0.03	0.09	5.90	18.90	0.31	1822.00	1.43	0.00	0.42	17.60	0.08	27.91	5.00	1.00	12.10	0.50	0.05	0.67	1.50
617715	4.06	6.90	0.05	0.01	44.00	0.03	0.09	9.30	32.10	0.42	1754.00	1.89	0.00	0.49	19.20	0.07	16.99	5.00	1.00	17.00	0.50	0.03	0.83	2.70
617716	4.57	6.50	0.05	0.02	38.00	0.05	0.10	8.70	33.30	0.45	1871.00	1.53	0.01	0.37	22.60	0.07	28.74	5.00	1.00	15.20	0.50	0.03	0.81	2.70
617717	5.07	7.20	0.05	0.03	20.00	0.04	0.14	6.50	33.00	0.44	2692.00	0.95	0.01	0.31	23.50	0.08	22.72	5.00	1.00	19.00	0.50	0.02	0.62	3.90
617718	3.11	6.10	0.05	0.01	24.00	0.03	0.09	11.00	27.40	0.38	386.00	1.21	0.01	0.51	17.90	0.06	15.89	5.00	1.00	15.90	0.50	0.03	0.70	1.70
617719	3.88	2.40	0.05	0.01	27.00	0.03	0.13	2.70	6.10	0.13	402.00	0.49	0.00	0.12	12.20	0.03	47.86	5.00	1.00	13.00	0.50	0.01	0.70	2.70
617720	4.09	6.30	0.05	0.05	21.00	0.04	0.15	5.90	45.30	0.47	930.00	0.61	0.01	0.44	24.50	0.06	28.05	5.00	1.00	20.40	0.50	0.03	0.47	2.70
617721	2.34	2.20	0.05	0.05	68.00	0.02	0.08	14.20	6.50	1.79	2363.00	2.65	0.01	0.18	10.10	0.27	79.86	5.00	1.00	6.90	0.50	0.08	0.38	1.90
617722	3.02	4.30	0.05	0.09	109.00	0.03	0.20	20.50	13.10	1.28	1672.00	2.72	0.01	0.37	18.70	0.85	1052.32	5.00	1.00	15.30	0.50			

Sample No.	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Ti_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zn_pct	Zr_ppm
121928	0.20	0.70	17.30	0.03	0.04	2.20	0.03	0.16	1.00	43.00	0.20	9.87	77.40		0.3
121929	0.30	0.50	11.30	0.03	0.10	4.10	0.01	0.12	1.60	32.00	0.20	14.54	76.50		1.6
121930	0.30	0.60	34.10	0.03	0.08	1.00	0.01	0.12	4.20	38.00	0.20	10.57	61.70		0.9
121931	0.20	0.90	11.50	0.03	0.04	2.10	0.01	0.19	0.50	47.00	0.20	2.56	50.10		0.4
121932	0.40	0.70	6.40	0.03	0.06	1.30	0.03	0.13	0.50	55.00	0.20	2.07	44.50		0.3
121933	0.20	0.90	5.50	0.03	0.05	3.80	0.01	0.13	0.70	30.00	0.10	4.07	68.00		1.1
121934	0.30	1.10	6.80	0.03	0.04	4.10	0.01	0.17	0.60	43.00	0.20	3.35	54.50		1.3
121935	0.20	1.00	9.50	0.03	0.06	2.30	0.01	0.18	0.60	51.00	0.20	3.07	56.00		0.3
121936	0.10	1.30	5.40	0.03	0.04	3.60	0.02	0.15	0.60	53.00	0.20	2.33	33.90		0.3
121937	0.20	1.10	5.50	0.03	0.12	3.20	0.02	0.12	0.60	52.00	0.20	2.87	60.70		0.3
121938	0.30	1.20	6.90	0.03	0.09	1.90	0.03	0.15	0.60	65.00	0.20	2.20	39.20		0.3
121939	0.30	0.70	100.80	0.03	0.05	3.40	0.01	0.99	4.80	41.00	0.05	17.02	346.20		4.8
121940	0.50	1.30	106.80	0.03	0.12	3.20	0.01	1.35	6.70	57.00	0.05	24.69	524.80		6.4
121941	0.20	0.60	106.70	0.03	0.07	2.30	0.00	0.93	5.20	42.00	0.05	17.03	328.70		3.8
121942	0.20	0.60	105.50	0.03	0.03	1.40	0.00	0.48	2.80	11.00	0.05	6.41	55.40		1.7
121943	0.40	0.40	61.20	0.03	0.06	1.30	0.00	0.48	1.20	9.00	0.05	8.38	36.90		1.1
121944	0.30	0.80	53.00	0.03	0.10	3.60	0.00	1.55	1.10	10.00	0.05	10.18	50.70		1.8
121945	0.20	0.30	54.80	0.03	0.04	0.40	0.00	0.23	0.80	9.00	0.05	6.54	61.70		0.9
121946	0.30	0.80	12.70	0.03	0.04	1.90	0.00	0.48	0.40	11.00	0.05	14.24	46.50		2.1
121947	0.30	0.10	54.10	0.03	0.01	0.30	0.00	0.15	1.00	6.00	0.05	6.03	29.50		0.5
121948	0.20	0.80	52.30	0.03	0.02	1.80	0.00	0.29	0.40	6.00	0.05	11.38	47.80		1.4
121949	0.30	1.00	40.20	0.03	0.05	2.60	0.00	0.34	0.40	8.00	0.05	13.97	59.90		2
121950	0.50	0.60	43.20	0.03	0.04	0.90	0.00	0.21	0.50	10.00	0.05	11.37	44.60		1
617042	0.40	0.80	55.50	0.03	0.01	2.90	0.00	0.08	2.20	28.00	0.05	12.65	92.60		3.4
617043	0.50	0.50	35.70	0.03	0.01	2.60	0.01	0.09	1.20	31.00	0.05	12.94	88.10		3.2
617044	0.70	0.60	107.90	0.03	0.02	5.40	0.00	0.07	1.00	27.00	0.05	11.16	78.80		5.4
617045	0.50	1.00	62.80	0.03	0.01	6.20	0.01	0.12	1.30	30.00	0.05	11.93	82.00		4.7
617046	0.50	1.00	34.40	0.03	0.03	5.10	0.01	0.17	1.30	33.00	0.05	13.19	98.90		4.5
617047	0.60	1.10	46.60	0.03	0.01	4.10	0.01	0.15	1.70	31.00	0.05	12.50	115.10		4.2
617048	0.80	1.60	76.00	0.03	0.01	2.20	0.00	0.16	2.50	24.00	0.05	12.93	181.00		3.2
617049	0.60	0.70	51.10	0.03	0.03	2.30	0.00	0.16	2.90	22.00	0.05	10.76	150.30		3.8
617050	0.40	2.00	43.90	0.03	0.03	0.80	0.00	1.08	1.90	18.00	0.05	6.70	2478.40		0.9
617704	0.40	0.60	148.90	0.03	0.01	1.40	0.00	0.30	0.70	22.00	0.05	10.46	79.80		4.7
617705	0.30	0.70	244.50	0.03	0.01	3.60	0.00	0.25	0.60	20.00	0.05	11.07	90.60		5.6
617706	0.80	0.80	104.60	0.03	0.01	4.00	0.00	0.38	1.00	66.00	0.05	14.32	199.80		7.5
617707	0.70	0.80	63.90	0.03	0.03	2.00	0.00	0.27	1.10	59.00	0.05	13.58	137.10		5.4
617708	0.50	0.90	53.20	0.03	0.07	0.60	0.00	0.18	1.00	46.00	0.10	4.66	83.00		0.8
617709	0.30	0.80	4.40	0.03	0.01	3.30	0.01	0.12	0.40	43.00	0.05	1.97	44.60		1.6
617710	0.30	0.60	4.70	0.03	0.02	3.10	0.00	0.19	0.60	19.00	0.05	7.03	78.80		1.8
617711	0.20	0.80	5.20	0.03	0.01	4.40	0.00	0.17	0.80	29.00	0.05	4.83	79.40		3.2
617712	0.20	0.90	5.20	0.03	0.02	4.00	0.00	0.17	0.40	37.00	0.05	3.77	44.30		1.9
617713	0.30	1.60	15.50	0.03	0.01	3.40	0.00	0.11	0.60	15.00	0.05	15.92	65.80		4.1
617714	0.30	1.90	6.50	0.03	0.03	0.90	0.01	0.11	1.10	40.00	0.10	3.17	68.40		0.3
617715	0.50	1.20	8.60	0.03	0.06	1.90	0.01	0.15	1.00	49.00	0.10	4.67	79.20		0.5
617716	0.50	1.10	7.80	0.03	0.04	2.00	0.01	0.14	1.00	44.00	0.10	5.16	86.50		0.3
617717	0.30	1.20	7.30	0.03	0.05	2.90	0.01	0.14	1.10	40.00	0.10	6.41	86.60		1
617718	0.20	0.90	13.30	0.03	0.03	0.80	0.01	0.17	0.80	49.00	0.10	5.81	79.20		0.1
617719	0.05	0.80	6.80	0.03	0.02	2.30	0.00	0.32	0.90	14.00	0.05	4.66	78.90		0.4
617720	0.20	1.00	7.00	0.03	0.04	3.30	0.00	0.24	0.70	35.00	0.10	4.24	72.60		1.4
617721	0.40	0.50	24.80	0.03	0.04	1.70	0.00	0.47	2.20	30.00	0.05	12.46	156.70		1.7
617722	0.50	0.60	34.60	0.03	0.04	2.50	0.01	1.11	3.60	43.00	0.10	22.27	383.10		2.5
617723	0.50	0.40	32.60	0.03	0.04	1.10	0.00	0.90	1.70	21.00	0.05	9.02	827.60		1.3
617724	0.70	0.60	16.80	0.03	0.04	1.40	0.00	1.07	4.20	29.00	0.10	12.53	989.70		1.9
617725	0.60	0.60	28.20	0.03	0.04	1.60	0.01	1.21	3.30	33.00	0.05	14.91	1080.30		1.9
617726	0.40	0.60	14.40	0.03	0.01	1.60	0.01	0.41	3.60	29.00	0.05	10.38	302.00		2.1
617727	0.30	0.70	13.50	0.03	0.01	3.30	0.00	0.79	0.90	27.00	0.05	10.36	432.70		2.7
617728	0.10	0.40	8.40	0.03	0.05	2.00	0.00	0.16	1.00	25.00	0.05	7.58	106.70		2
617729	0.30	0.80	66.60	0.03	0.05	1.90	0.00	0.13	0.80	13.00	0.05	8.68	91.70		1

Scarlet West Property (Car & Lin Claims) - 2011 Soil Sample Locations and Analytical Results																							
Sample No.	Sampler	Sample Date	grid_type	north	east	elevation	lab_ref_number	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	
617730	ALJ	27/08/2011	UTM83-8	7129500	597099	1597	WHI11001353	136.00	1.27	5.40	2.80	1.00	91.80	0.60	0.27	0.27	0.07	14.90	8.80	28.40	2.11	18.40	
617731	ALJ	27/08/2011	UTM83-8	7129406	597096	1578	WHI11001353	73.00	1.74	2.50	3.90	4.00	65.20	1.00	0.26	4.42	0.16	26.60	13.00	37.10	2.17	46.05	
617732	ALJ	27/08/2011	UTM83-8	7129355	597095	1562	WHI11001353	69.00	1.87	4.20	2.70	3.00	82.50	1.20	0.35	0.49	0.14	26.70	13.20	40.20	2.67	61.70	
617733	ALJ	27/08/2011	UTM83-8	7129305	597096	1556	WHI11001354	36.00	2.04	2.00	3.00	5.00	104.70	1.20	0.42	1.52	0.14	23.50	12.20	41.20	0.75	33.33	
617734	ALJ	27/08/2011	UTM83-8	7129254	597100	1525	WHI11001354	15.00	2.01	1.00	1.20	4.00	72.50	1.20	0.28	1.96	0.09	26.90	13.70	40.20	1.18	19.56	
617735	ALJ	27/08/2011	UTM83-8	7129206	597099	1515	WHI11001354	34.00	2.12	11.80	1.20	6.00	73.70	1.30	0.39	1.38	0.16	28.90	16.90	41.80	0.83	50.84	
617736	ALJ	27/08/2011	UTM83-8	7129152	597101	1500	WHI11001354	20.00	1.65	2.00	2.10	4.00	240.90	1.30	0.28	0.66	0.18	57.60	10.90	35.00	1.26	15.92	
617737	ALJ	27/08/2011	UTM83-8	7129109	597099	1490	WHI11001354	45.00	2.01	2.80	6.80	4.00	476.90	1.40	0.35	0.84	0.21	45.90	12.20	41.30	1.40	41.80	
617738	ALJ	27/08/2011	UTM83-8	7129052	597100	1457	WHI11001354	34.00	1.95	4.60	7.10	4.00	104.20	1.30	0.22	0.48	0.27	52.80	9.00	43.70	0.84	28.73	
617739	ALJ	27/08/2011	UTM83-8	7128951	597102	1433	WHI11001354	58.00	1.95	13.10	3.40	4.00	148.10	1.50	0.30	0.30	0.55	56.60	12.60	27.80	1.22	26.07	
617740	ALJ	27/08/2011	UTM83-8	7128900	597101	1413	WHI11001354	47.00	1.75	6.10	0.40	3.00	131.90	0.70	0.27	0.28	0.12	37.00	8.80	33.70	1.29	17.07	
617741	ALJ	27/08/2011	UTM83-8	7128850	597103	1398	WHI11001354	72.00	1.70	10.80	1.50	3.00	166.50	1.00	0.29	0.25	0.19	44.10	10.30	29.90	0.96	18.05	
617742	ALJ	27/08/2011	UTM83-8	7128752	597098	1370	WHI11001354	80.00	1.53	7.80	2.00	4.00	212.90	1.00	0.29	0.93	0.47	22.80	11.70	24.20	0.86	23.00	
617743	ALJ	27/08/2011	UTM83-8	7128703	597093	1366	WHI11001354	78.00	1.75	9.20	1.70	2.00	165.50	0.90	0.28	0.44	0.25	37.20	7.50	28.60	1.61	11.52	
617744	ALJ	27/08/2011	UTM83-8	7129601	597102	1623	WHI11001354	146.00	0.62	17.60	0.10	4.00	87.70	0.70	0.42	0.27	0.28	21.10	10.40	12.50	3.86	24.53	
617745	ALJ	27/08/2011	UTM83-8	7129650	597097	1617	WHI11001354	72.00	0.76	12.80	0.60	4.00	74.70	1.00	0.30	0.69	0.46	23.80	13.70	14.90	3.58	25.86	
617746	ALJ	27/08/2011	UTM83-8	7129701	597098	1596	WHI11001354	111.00	0.86	14.20	0.10	4.00	116.80	0.80	0.41	0.55	0.26	20.80	9.70	15.40	1.42	25.82	
617747	ALJ	27/08/2011	UTM83-8	7129712	597051	1607	WHI11001354	219.00	1.08	15.30	1.20	3.00	113.10	1.10	0.32	0.54	0.74	29.80	17.50	17.80	2.21	32.99	
617748	ALJ	27/08/2011	UTM83-8	7129722	597000	1610	WHI11001354	141.00	0.73	11.60	0.50	5.00	89.20	0.90	0.29	1.52	0.50	24.30	10.20	14.70	2.33	25.34	
617749	ALJ	27/08/2011	UTM83-8	7129740	596952	1606	WHI11001354	185.00	0.77	14.40	0.30	7.00	81.70	0.90	0.35	1.12	0.49	18.20	11.80	12.30	2.48	27.41	
617750	ALJ	27/08/2011	UTM83-8	7129756	596907	1595	WHI11001354	145.00	0.71	12.30	0.50	5.00	70.60	0.80	0.33	1.06	0.36	17.70	11.70	10.90	1.72	24.74	
1096701	ALJ	16/08/2011	UTM83-8	7128299	593850	1337	WHI11001191	112.00	1.77	12.80	2.70	5.00	198.40	1.40	0.21	0.60	0.21	47.30	12.40	31.20	1.81	18.16	
1096702	ALJ	16/08/2011	UTM83-8	7128346	593847	1322	WHI11001191	49.00	1.92	13.60	0.60	5.00	198.70	0.90	0.24	0.64	0.28	39.80	10.90	30.30	2.03	14.26	
1096703	ALJ	16/08/2011	UTM83-8	7128398	593852	1299	WHI11001191	38.00	1.91	13.80	1.30	3.00	180.40	0.90	0.23	0.35	0.16	41.30	11.50	31.10	2.05	17.44	
1096704	ALJ	16/08/2011	UTM83-8	7128451	593852	1281	WHI11001191	148.00	1.58	11.60	0.80	6.00	191.40	1.00	0.23	0.84	0.26	26.20	10.30	28.80	1.48	17.14	
1096705	ALJ	16/08/2011	UTM83-8	7128496	593848	1289	WHI11001191	113.00	1.39	14.90	0.80	8.00	148.20	1.20	0.19	2.72	0.25	43.80	13.40	24.50	1.43	19.12	
1096706	ALJ	16/08/2011	UTM83-8	7128549	593851	1295	WHI11001191	174.00	1.74	11.90	0.90	5.00	267.80	1.10	0.22	1.32	0.21	28.00	9.40	25.80	1.50	14.97	
1096707	ALJ	16/08/2011	UTM83-8	7128601	593847	1292	WHI11001191	96.00	1.49	12.70	0.90	5.00	215.70	1.10	0.20	0.72	0.17	31.50	12.00	24.30	1.31	16.72	
1096708	ALJ	16/08/2011	UTM83-8	7128651	593847	1294	WHI11001191	148.00	1.14	11.40	0.50	9.00	183.90	1.00	0.22	0.85	0.25	36.40	12.30	20.20	1.53	17.38	
1096709	ALJ	16/08/2011	UTM83-8	7128696	593845	1284	WHI11001191	81.00	0.48	14.70	1.30	7.00	75.70	0.60	0.16	11.13	0.21	24.20	8.50	11.80	1.27	14.23	
1096710	ALJ	16/08/2011	UTM83-8	7128755	593844	1242	WHI11001191	110.00	0.68	8.80	0.80	8.00	111.20	1.00	0.20	3.32	0.18	31.80	11.50	14.20	1.44	17.95	
1096711	ALJ	16/08/2011	UTM83-8	7128799	593846	1225	WHI11001191	107.00	0.68	4.50	0.50	5.00	103.60	0.80	0.22	0.63	0.14	29.10	8.40	13.70	1.38	15.63	
1096712	ALJ	16/08/2011	UTM83-8	7128848	593846	1243	WHI11001191	102.00	0.69	8.10	1.20	9.00	118.80	0.90	0.18	6.93	0.17	31.70	12.40	13.80	1.47	17.85	
1096713	ALJ	16/08/2011	UTM83-8	7128900	593849	1256	WHI11001191	113.00	0.81	5.60	0.70	5.00	131.80	0.80	0.20	0.61	0.06	28.40	7.20	15.50	1.33	12.19	
1096714	ALJ	16/08/2011	UTM83-8	7128949	593852	1263	WHI11001191	133.00	1.00	7.50	0.60	4.00	159.30	0.90	0.21	0.84	0.16	32.90	8.90	18.40	1.24	17.42	
1097312	PM	17/08/2011	UTM83-8	7129098	594095	1351	WHI11001192	517.00	0.31	20.60	0.80	3.00	40.70	0.40	0.09	12.11	1.96	6.90	3.10	8.30	0.50	8.98	
1097313	PM	17/08/2011	UTM83-8	7129152	594097	1331	WHI11001192	294.00	1.32	16.40	0.80	5.00	103.60	1.20	0.22	1.67	0.74	20.60	9.20	22.40	7.32	16.04	
1097314	PM	17/08/2011	UTM83-8	7129199	594098	1322	WHI11001192	337.00	0.81	21.10	2.50	4.00	81.70	0.70	0.21	1.42	0.80	27.40	8.20	18.30	3.40	21.02	
1097315	PM	17/08/2011	UTM83-8	7129249	594101	1307	WHI11001192	403.00	0.79	28.50	5.80	5.00	100.80	1.20	0.20	1.06	0.63	39.90	10.50	27.00	5.22	30.50	
1097316	PM	17/08/2011	UTM83-8	7129299	594100	1286	WHI11001192	78.00	1.41	3.10	0.80	5.00	430.60	0.80	0.17	0.95	0.15	42.90	9.00	35.20	1.60	20.13	
1097317	PM	17/08/2011	UTM83-8	7129400	594099	1236	WHI11001192	119.00	1.50	3.90	2.30	4.00	216.30	1.30	0.26	1.60	0.14	25.80	9.20	29.40	2.54	41.38	
1097318	PM	17/08/2011	UTM83-8	7129450	594100	1226	WHI11001192	117.00	1.56	15.90	0.10	3.00	147.50	1.00	0.27	0.91	0.42	34.30	11.10	27.90	1.66	18.28	
1097319	PM	17/08/2011	UTM83-8	7129500	594102	1219	WHI11001192	191.00	1.26	14.00	0.10	4.00	125.90	0.70	0.23	4.14	0.47	30.60	7.60	23.60	1.18	14.98	
1097320	PM	17/08/2011	UTM83-8	7129599	594101	1187	WHI11001192	128.00	0.94	10.20	0.60	8.00	138.50	0.90	0.16	5.23	0.42	23.30	7.20	19.20	1.04	16.09	
1097321	PM	17/08/2011	UTM83-8	7129647	594100	1157	WHI11001192	91.00	0.71	13.30	0.30	8.00	103.60	0.80	0.13	7.84	0.32	23.40	6.80	16.20	1.15	14.00	
1097322	PM	17/08/2011	UTM83-8	7129699	594100	1138	WHI11001192	101.00	0.79	9.50	0.10	6.00	99.10	1.10	0.21	4.07	0.42	22.70	10.90	17.10	3.05	24.27	
1097559	CM	17/08/2011	UTM83-8	7129054	594350	1345	WHI11001192	188.00	1.06	5.60	0.10	7.00	184.70	0.80	0.25	1.46	0.13	26.40	7.00	19.00	2.28	19.81	
1097560	CM	17/08/2011	UTM83-8	7129099	594350	1326	WHI11001192	163.00	1.70	4.50	0.10	3.00	205.80	0.80	0.26	0.21	0.04	27.90	7.70	24.30	2.26	11.76	
1097561	CM	17/08/2011	UTM83-8	7129153	594357	1325	WHI11001192	107.00	0.83	12.10	0.10	2.00	120.00	0.40	0.23	1.34	0.38	19.90	7.00	10.50	1.28	12.72	
1097562	CM	17/08/2011	UTM83-8	7129202	594354	1307	WHI11001192	135.00	0.91	20.50	1.90	3.00	89.10	1.30	0.23	1.10	0.64	42.00	10.60	34.50	1.19	27.41	
1097563																							

Sample No.	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppb	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppb	S_pct	Sb_ppm	Sc_ppm
617730	2.88	4.60	0.05	0.06	44.00	0.02	0.09	6.10	18.40	0.41	424.00	0.45	0.00	0.24	19.10	0.21	24.96	5.00	1.00	11.80	0.50	0.13	0.31	1.00
617731	3.03	5.00	0.05	0.15	22.00	0.03	0.13	11.30	42.40	1.14	585.00	0.13	0.00	0.11	41.60	0.06	22.95	5.00	1.00	7.30	0.50	0.03	0.12	4.30
617732	3.24	5.60	0.05	0.17	28.00	0.04	0.10	15.40	50.20	1.20	419.00	0.31	0.01	0.23	43.40	0.08	31.25	5.00	1.00	9.60	0.50	0.04	0.33	5.80
617733	3.15	5.70	0.05	0.13	21.00	0.04	0.09	12.30	49.70	1.27	243.00	0.23	0.00	0.22	44.60	0.07	17.44	5.00	1.00	6.60	0.50	0.06	0.16	3.60
617734	3.29	5.80	0.05	0.10	12.00	0.03	0.12	13.30	45.40	1.41	231.00	0.12	0.00	0.15	45.30	0.07	10.29	5.00	1.00	7.60	0.50	0.03	0.13	4.00
617735	2.96	6.60	0.05	0.23	40.00	0.04	0.12	12.50	53.20	1.30	312.00	0.19	0.00	0.30	42.70	0.08	21.73	5.00	1.00	6.50	0.50	0.05	0.25	3.60
617736	2.52	5.00	0.10	0.11	25.00	0.04	0.10	31.90	37.50	1.51	293.00	0.28	0.00	0.29	31.80	0.07	10.77	5.00	1.00	7.20	0.50	0.04	0.24	5.40
617737	2.81	6.30	0.05	0.17	15.00	0.03	0.10	22.20	43.90	1.65	543.00	0.32	0.00	0.23	33.10	0.09	33.64	5.00	1.00	9.10	0.50	0.05	0.22	5.00
617738	2.51	6.40	0.05	0.12	16.00	0.03	0.10	29.00	47.30	2.04	195.00	0.27	0.00	0.32	26.70	0.07	13.42	5.00	1.00	9.70	0.50	0.04	0.20	4.20
617739	3.87	4.60	0.05	0.05	58.00	0.04	0.15	16.50	28.90	0.46	1905.00	2.64	0.00	0.31	27.40	0.13	166.30	5.00	1.00	14.30	0.50	0.04	0.53	3.40
617740	2.89	6.30	0.05	0.03	23.00	0.04	0.13	15.00	34.00	0.95	366.00	0.74	0.00	0.44	19.90	0.03	25.41	5.00	1.00	16.70	0.50	0.01	0.31	2.00
617741	3.21	4.90	0.05	0.05	43.00	0.04	0.11	17.50	22.50	0.60	556.00	1.16	0.00	0.46	25.90	0.06	49.54	5.00	1.00	11.20	1.00	0.02	0.53	3.10
617742	2.97	4.40	0.05	0.08	46.00	0.03	0.11	8.80	20.40	0.50	812.00	0.99	0.00	0.40	21.40	0.09	50.13	5.00	1.00	11.00	0.50	0.07	0.41	2.40
617743	2.91	5.30	0.05	0.01	22.00	0.04	0.08	15.30	24.00	0.59	335.00	0.96	0.00	0.56	19.80	0.11	21.11	5.00	1.00	12.60	0.50	0.06	0.43	1.80
617744	3.40	2.40	0.05	0.03	76.00	0.04	0.21	6.80	6.30	0.13	243.00	1.01	0.01	0.04	23.70	0.17	96.38	5.00	1.00	10.70	0.50	0.28	0.69	0.80
617745	3.01	2.10	0.05	0.05	49.00	0.04	0.14	7.70	13.70	0.34	392.00	0.72	0.00	0.12	29.20	0.12	49.15	5.00	1.00	7.60	0.50	0.11	0.69	2.60
617746	3.17	2.70	0.05	0.08	74.00	0.03	0.14	8.00	11.70	0.33	444.00	0.79	0.02	0.18	21.20	0.09	43.77	5.00	1.00	7.80	0.50	0.18	0.46	3.00
617747	3.96	3.00	0.05	0.11	164.00	0.04	0.12	8.80	16.00	0.34	790.00	0.70	0.00	0.12	38.60	0.16	60.27	5.00	1.00	8.40	2.00	0.06	0.50	3.90
617748	3.13	2.10	0.05	0.09	100.00	0.03	0.13	10.00	10.60	0.47	501.00	0.79	0.00	0.13	24.90	0.17	52.12	5.00	1.00	7.90	0.50	0.10	0.40	3.40
617749	3.25	2.10	0.05	0.16	178.00	0.04	0.14	7.70	10.90	0.25	489.00	0.60	0.01	0.13	26.60	0.14	61.32	5.00	1.00	8.40	0.50	0.12	0.65	3.40
617750	3.01	2.10	0.05	0.09	101.00	0.03	0.13	7.00	9.60	0.31	345.00	0.56	0.00	0.10	24.80	0.13	51.41	5.00	1.00	7.20	0.50	0.10	0.48	2.80
1096701	3.53	4.40	0.05	0.07	47.00	0.03	0.13	21.60	17.30	0.47	504.00	1.67	0.00	0.38	36.20	0.09	18.34	5.00	1.00	14.20	0.50	0.03	0.67	4.20
1096702	3.51	5.10	0.05	0.08	35.00	0.05	0.17	14.30	16.30	0.41	411.00	1.92	0.00	0.44	33.00	0.06	18.01	5.00	1.00	19.30	0.50	0.03	0.50	3.60
1096703	3.27	5.40	0.05	0.05	48.00	0.02	0.10	13.80	19.10	0.49	470.00	1.57	0.00	0.43	33.20	0.08	22.83	5.00	1.00	13.80	0.50	0.02	0.74	3.40
1096704	3.12	4.00	0.05	0.10	41.00	0.03	0.14	14.20	18.40	0.50	324.00	1.76	0.00	0.52	27.90	0.13	19.81	5.00	1.00	18.30	1.00	0.07	0.53	3.10
1096705	3.30	3.30	0.05	0.09	36.00	0.04	0.21	21.50	11.20	1.22	543.00	3.08	0.00	0.31	33.20	0.17	17.72	5.00	1.00	14.40	2.00	0.05	0.53	4.40
1096706	2.86	4.60	0.05	0.15	56.00	0.04	0.13	12.80	12.30	0.38	360.00	1.87	0.00	0.50	21.10	0.22	16.83	5.00	1.00	14.90	0.50	0.13	0.39	2.60
1096707	2.99	4.10	0.05	0.09	32.00	0.03	0.14	11.40	12.80	0.39	411.00	2.56	0.00	0.41	27.20	0.09	17.22	5.00	1.00	13.50	0.50	0.06	0.53	2.80
1096708	3.23	3.10	0.05	0.12	31.00	0.04	0.23	16.60	9.30	0.27	283.00	2.80	0.00	0.32	30.80	0.09	19.12	5.00	1.00	17.00	0.50	0.05	0.41	3.90
1096709	1.85	1.40	0.05	0.05	23.00	0.03	0.15	10.50	5.10	3.78	266.00	4.12	0.01	0.17	22.00	0.13	13.00	5.00	1.00	9.70	2.00	0.03	0.67	2.70
1096710	2.50	1.90	0.05	0.08	23.00	0.03	0.18	13.90	6.50	0.88	299.00	2.74	0.00	0.35	28.00	0.09	16.49	5.00	1.00	12.50	0.50	0.06	0.39	3.30
1096711	1.92	2.10	0.05	0.08	27.00	0.02	0.13	13.70	7.60	0.27	165.00	1.05	0.00	0.25	20.00	0.05	15.63	5.00	1.00	11.60	0.50	0.06	0.31	2.40
1096712	2.51	1.80	0.05	0.07	27.00	0.02	0.19	13.30	5.60	0.79	330.00	2.73	0.00	0.29	28.00	0.08	15.74	5.00	1.00	12.20	2.00	0.05	0.36	3.50
1096713	1.90	2.50	0.05	0.09	18.00	0.03	0.12	12.60	9.30	0.25	161.00	0.91	0.00	0.27	15.90	0.04	14.76	5.00	1.00	11.90	0.50	0.04	0.26	2.60
1096714	2.23	2.90	0.05	0.08	34.00	0.02	0.11	15.20	9.90	0.28	303.00	1.18	0.00	0.35	21.90	0.07	17.59	5.00	1.00	10.90	0.50	0.07	0.39	2.30
1097312	5.05	1.00	0.05	0.03	1433.00	0.01	0.03	3.60	3.20	6.35	960.00	5.59	0.01	0.06	6.90	0.08	435.41	5.00	1.00	2.90	0.50	0.01	5.03	1.10
1097313	3.56	3.60	0.05	0.07	537.00	0.01	0.09	10.20	13.70	0.93	1132.00	2.28	0.01	0.37	21.20	0.14	212.04	5.00	1.00	11.80	0.50	0.07	1.21	2.60
1097314	2.65	2.50	0.05	0.06	634.00	0.01	0.09	14.80	8.40	0.30	371.00	1.26	0.01	0.30	23.40	0.06	54.47	5.00	1.00	10.40	2.00	0.05	1.55	3.70
1097315	3.05	2.40	0.05	0.09	478.00	0.04	0.12	21.70	11.10	0.52	492.00	1.23	0.00	0.19	29.10	0.06	59.68	5.00	1.00	10.60	0.50	0.04	1.51	6.60
1097316	2.22	4.40	0.05	0.12	64.00	0.03	0.09	21.60	29.60	1.43	182.00	0.47	0.00	0.36	26.60	0.06	15.47	5.00	1.00	8.10	0.50	0.06	0.32	4.70
1097317	2.19	4.40	0.05	0.12	93.00	0.03	0.09	14.00	31.70	0.80	229.00	0.33	0.01	0.50	31.00	0.07	17.53	5.00	1.00	8.30	0.50	0.07	0.38	4.50
1097318	3.49	4.30	0.05	0.05	720.00	0.02	0.12	15.90	17.70	0.57	489.00	2.05	0.00	0.44	27.80	0.06	38.58	5.00	1.00	13.20	0.50	0.03	1.56	3.70
1097319	2.50	3.70	0.05	0.05	118.00	0.03	0.08	17.30	10.70	1.70	554.00	2.16	0.01	0.57	20.60	0.11	26.58	5.00	1.00	9.00	0.50	0.07	0.83	2.60
1097320	2.09	2.50	0.05	0.08	80.00	0.02	0.12	13.00	8.20	1.95	321.00	1.92	0.01	0.48	21.40	0.10	18.06	5.00	2.00	9.50	1.00	0.09	0.70	2.30
1097321	1.93	2.00	0.05	0.04	707.00	0.01	0.13	11.40	6.90	3.40	297.00	2.50	0.01	0.30	19.60	0.09	23.18	5.00	1.00	8.40	3.00	0.05	0.43	2.40
1097322	2.54	2.20	0.05	0.06	846.00	0.01	0.15	9.70	14.00	1.92	574.00	1.38	0.01	0.17	24.80	0.07	48.82	5.00	1.00	10.40	0.50	0.04	0.55	2.90
1097559	2.46	3.20	0.05	0.09	127.00	0.04	0.14	15.00	13.70	0.30	260.00	0.74	0.01	0.38	16.40	0.10	24.75	5.00	1.00	13.00	2.00	0.19	0.33	2.80
1097560	2.38	4.80	0.05	0.07	67.00	0.03	0.08	11.90	15.50	0.27	185.00	0.69	0.00	0.32	15.50	0.11	23.58	5.00	1.00	11.30	0.50	0.07	0.23	2.80
1097561	1.93	3.50	0.05	0.06	118.00	0.03	0.05	9.90	6.00	0.11	690.00	1.21	0.00	0.34	10.60	0.07	21.06	5.00	1.00	7.00	0.50	0.07	0.70	1.70
1097562	3.03	3.10	0.05	0.07	223.00	0.04	0.07	21.30	9.20	0.21	294.00	0.88	0.00	0.30	26.00	0.06	23.36	5.00	1.00	8.80	0.50	0.05	1.05	4.10
1097563	2.85	3.80	0.05	0.07	155.00	0.04	0.06	20.80	15.80	0.40	342.00	0.90	0.00	0.43	20.10	0.0								

Sample No.	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Ti_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zn_pct	Zr_ppm
617730	0.30	0.50	19.20	0.03	0.03	1.10	0.00	0.15	1.00	20.00	0.05	3.83	71.10		2
617731	0.20	0.50	118.60	0.03	0.01	4.20	0.00	0.07	1.60	16.00	0.05	12.57	97.60		4.4
617732	0.40	0.60	20.00	0.03	0.01	4.50	0.01	0.10	3.00	21.00	0.05	22.94	127.50		5.9
617733	0.20	0.60	43.60	0.03	0.02	2.90	0.00	0.07	1.70	18.00	0.05	15.37	98.00		4
617734	0.10	0.50	44.00	0.03	0.01	5.10	0.00	0.07	0.90	17.00	0.05	14.09	92.10		4.4
617735	0.10	0.40	41.40	0.03	0.01	4.80	0.00	0.07	3.40	22.00	0.05	11.41	98.50		7
617736	0.20	0.50	18.30	0.03	0.01	4.10	0.01	0.07	0.90	19.00	0.05	22.80	91.90		4
617737	0.20	0.30	25.10	0.03	0.02	3.60	0.01	0.09	1.20	23.00	0.05	20.20	111.70		4.7
617738	0.50	0.40	18.60	0.03	0.01	4.00	0.01	0.08	1.70	29.00	0.05	16.23	95.30		5
617739	0.40	0.50	14.10	0.03	0.03	4.00	0.00	0.49	2.60	27.00	0.05	12.77	554.10		1.6
617740	0.30	0.70	13.70	0.03	0.04	3.40	0.01	0.17	1.10	37.00	0.05	3.62	107.00		1.1
617741	0.30	0.70	16.30	0.03	0.01	3.30	0.01	0.20	2.80	36.00	0.05	10.61	176.20		1.6
617742	0.70	0.90	41.70	0.03	0.01	1.70	0.00	0.22	11.50	27.00	0.05	7.52	227.90		1.8
617743	0.40	0.60	18.10	0.03	0.02	1.10	0.01	0.16	2.40	42.00	0.05	8.89	139.00		0.5
617744	0.60	2.10	82.60	0.03	0.04	1.40	0.00	0.23	0.90	14.00	0.05	7.33	172.30		0.2
617745	0.40	2.50	52.80	0.03	0.02	5.30	0.00	0.13	1.00	13.00	0.05	10.38	171.50		2
617746	0.40	0.40	28.30	0.03	0.07	4.60	0.00	0.13	0.80	16.00	0.05	10.58	91.60		2.8
617747	0.50	0.50	30.10	0.03	0.01	4.60	0.00	0.16	1.30	19.00	0.05	18.80	269.50		3.7
617748	0.50	1.60	41.30	0.03	0.03	3.10	0.00	0.12	1.00	13.00	0.05	15.76	201.00		3.6
617749	0.60	0.40	50.70	0.03	0.02	3.80	0.00	0.15	1.00	11.00	0.05	13.35	243.60		4.7
617750	0.50	0.60	43.10	0.03	0.04	3.60	0.00	0.11	0.80	11.00	0.05	12.24	193.70		4.1
1096701	0.20	0.80	32.60	0.03	0.03	2.90	0.01	0.26	1.30	43.00	0.10	13.80	97.60		2.8
1096702	0.20	1.20	29.30	0.03	0.04	2.90	0.01	0.33	1.40	51.00	0.05	8.56	108.60		2.9
1096703	0.10	0.70	17.30	0.03	0.03	3.20	0.01	0.28	1.10	47.00	0.10	6.86	102.70		2.3
1096704	0.40	0.60	35.90	0.03	0.03	1.80	0.01	0.23	3.60	40.00	0.05	11.92	148.80		3.3
1096705	0.20	0.60	38.40	0.03	0.02	3.10	0.00	0.25	5.20	37.00	0.05	17.11	91.20		3.5
1096706	0.50	0.90	31.10	0.03	0.02	1.40	0.00	0.29	3.50	41.00	0.05	11.91	83.50		3.7
1096707	0.30	0.90	23.20	0.03	0.02	1.90	0.00	0.22	1.50	36.00	0.05	7.81	81.60		2.9
1096708	0.40	0.90	37.00	0.03	0.01	2.80	0.00	0.25	2.60	26.00	0.05	12.78	105.40		4.3
1096709	0.20	0.50	148.70	0.03	0.01	2.30	0.00	0.26	5.00	24.00	0.05	11.80	64.60		2.5
1096710	0.30	0.70	105.90	0.03	0.03	2.20	0.00	0.22	1.80	19.00	0.05	12.30	74.60		3.7
1096711	0.20	0.50	26.90	0.03	0.02	2.00	0.00	0.13	0.70	16.00	0.05	9.85	74.20		2.9
1096712	0.30	0.70	252.50	0.03	0.01	2.40	0.00	0.23	1.70	17.00	0.05	12.14	73.70		3.5
1096713	0.20	0.60	19.70	0.03	0.01	2.30	0.00	0.13	0.60	18.00	0.05	7.64	52.90		3
1096714	0.30	0.70	27.00	0.03	0.04	1.50	0.00	0.14	1.00	24.00	0.05	13.10	78.70		3.1
1097312	0.70	2.00	95.00	0.03	0.02	0.70	0.00	2.97	1.50	10.00	0.05	5.48	1949.00		1
1097313	0.60	5.90	27.10	0.03	0.03	1.80	0.01	0.65	1.60	31.00	0.10	10.85	732.50		2
1097314	0.90	1.60	94.00	0.03	0.01	2.20	0.01	0.26	2.80	25.00	0.10	12.10	272.10		2.3
1097315	1.30	2.20	70.80	0.03	0.04	4.00	0.00	0.34	1.50	30.00	0.05	16.23	188.40		2.7
1097316	1.20	2.80	49.70	0.03	0.01	3.80	0.00	0.08	2.30	21.00	0.05	14.37	91.40		4.8
1097317	1.20	1.70	57.80	0.03	0.01	2.70	0.01	0.09	4.80	21.00	0.05	16.75	101.60		5
1097318	0.40	3.00	21.10	0.03	0.01	3.50	0.00	0.22	1.50	45.00	0.10	10.63	176.90		2.2
1097319	0.50	1.10	34.30	0.03	0.08	1.30	0.01	0.21	2.20	53.00	0.10	16.55	114.40		1.8
1097320	0.70	1.90	64.30	0.03	0.04	1.00	0.01	0.22	1.70	31.00	0.05	12.60	85.80		2.5
1097321	0.60	1.60	89.30	0.03	0.05	1.30	0.00	0.25	1.20	22.00	0.05	11.17	109.90		2.2
1097322	0.60	4.50	74.30	0.03	0.05	3.20	0.00	0.34	1.40	16.00	0.05	9.21	230.20		3.2
1097559	1.00	1.00	40.30	0.03	0.01	1.90	0.00	0.39	1.10	21.00	0.05	12.69	60.10		2.9
1097560	0.90	1.20	12.60	0.03	0.01	1.90	0.00	0.25	1.30	30.00	0.05	7.86	48.80		2.1
1097561	0.90	1.20	44.10	0.03	0.02	1.10	0.00	0.17	4.80	27.00	0.05	6.04	82.50		2
1097562	1.40	1.50	39.30	0.03	0.01	2.60	0.01	0.22	4.70	38.00	0.10	12.16	110.40		2.3
1097563	1.70	1.10	42.90	0.03	0.01	1.70	0.01	0.13	7.00	41.00	0.05	11.38	124.20		2
1097564	0.80	0.90	52.80	0.03	0.01	5.00	0.01	0.20	1.40	30.00	0.10	13.85	123.70		2.4
1097565	1.10	1.50	38.10	0.03	0.03	3.30	0.01	0.14	2.20	30.00	0.10	16.92	134.80		3.7
1097566	1.00	0.70	34.50	0.03	0.06	1.60	0.00	0.34	3.40	26.00	0.05	9.54	289.80		2.7
1097567	1.70	1.20	50.50	0.03	0.01	1.60	0.00	0.16	2.60	19.00	0.05	12.38	101.20		2.9
1097568	1.40	0.80	46.90	0.03	0.05	4.00	0.00	0.29	2.10	15.00	0.05	23.79	101.30		8.7
1097569	0.80	1.50	38.90	0.03	0.07	3.60	0.00	0.09	1.40	8.00	0.05	12.47	72.90		4.8
1097570	0.40	1.90	14.20	0.03	0.04	7.70	0.00	0.08	0.70	17.00	0.05	8.24	162.40		5.6

Scarlet West Property (Car & Lin Claims) - 2011 Soil Sample Locations and Analytical Results																							
Sample No.	Sampler	Sample Date	grid_type	north	east	elevation	lab_ref_number	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	
1097571	CM	17/08/2011	UTM83-8	7129651	594350	1271	WHI11001192	168.00	1.44	10.40	2.70	3.00	113.70	1.00	0.24	0.11	0.22	19.80	13.30	24.00	2.08	22.49	
1097572	CM	17/08/2011	UTM83-8	7129699	594352	1261	WHI11001192	240.00	1.30	13.90	2.00	2.00	80.10	1.20	0.29	0.33	0.35	20.90	15.40	17.80	5.41	29.36	
1097601	RH	12/08/2011	UTM83-8	7129109	594886	1417	WHI11001189	147.00	0.30	23.70	0.10	3.00	63.90	0.60	0.36	0.03	0.42	11.60	13.50	9.00	3.88	38.49	
1097602	RH	12/08/2011	UTM83-8	7129058	594866	1426	WHI11001189	85.00	0.37	25.40	0.10	2.00	48.10	0.30	0.07	9.55	1.55	11.10	3.10	9.70	0.31	5.44	
1097603	RH	12/08/2011	UTM83-8	7129028	594865	1433	WHI11001189	105.00	0.39	16.30	1.20	3.00	42.90	0.40	0.11	11.00	2.09	5.30	13.00	7.80	0.37	27.99	
1097604	RH	12/08/2011	UTM83-8	7128994	594855	1435	WHI11001189	98.00	0.16	25.20	0.30	2.00	22.00	0.20	0.02	12.79	1.76	3.50	1.00	3.40	0.17	2.22	
1097605	RH	12/08/2011	UTM83-8	7128964	594845	1441	WHI11001189	54.00	0.15	11.10	1.60	4.00	33.80	0.20	0.03	17.38	0.39	7.90	1.60	3.20	0.34	2.08	
1097606	RH	12/08/2011	UTM83-8	7128914	594832	1439	WHI11001189	18.00	1.13	1.50	3.00	4.00	79.60	0.70	0.35	0.05	0.10	7.90	4.70	18.50	2.88	17.96	
1098275	BI	17/08/2011	UTM83-8	7128351	594847	1571	WHI11001191	205.00	0.72	34.70	0.10	10.00	165.70	0.70	0.20	3.38	0.92	32.80	15.90	14.90	2.33	28.67	
1098276	BI	17/08/2011	UTM83-8	7128400	594850	1546	WHI11001191	206.00	0.83	47.30	0.70	10.00	259.10	0.90	0.19	3.36	0.48	27.30	9.90	16.40	1.10	26.39	
1098277	BI	17/08/2011	UTM83-8	7128451	594847	1532	WHI11001191	71.00	1.22	6.40	0.10	11.00	186.20	1.30	0.19	1.67	0.21	45.50	14.00	22.60	0.97	18.64	
1098278	BI	17/08/2011	UTM83-8	7128502	594850	1538	WHI11001191	152.00	1.57	6.40	0.10	6.00	87.20	1.10	0.36	0.12	0.21	17.80	13.20	23.00	3.20	21.64	
1098279	BI	17/08/2011	UTM83-8	7128551	594847	1518	WHI11001191	149.00	1.10	6.40	0.10	5.00	116.40	1.20	0.33	0.19	0.10	22.30	19.80	18.00	3.81	24.28	
1098280	BI	17/08/2011	UTM83-8	7128600	594848	1509	WHI11001191	133.00	1.03	7.00	1.00	5.00	150.10	0.80	0.21	0.53	0.12	39.50	10.00	20.80	1.81	17.92	
1098281	BI	17/08/2011	UTM83-8	7128653	594852	1515	WHI11001191	110.00	0.88	7.60	0.30	4.00	121.10	0.80	0.30	0.15	0.19	20.80	8.00	19.60	2.02	17.25	
1098282	BI	17/08/2011	UTM83-8	7128699	594848	1526	WHI11001191	202.00	0.84	4.70	2.00	5.00	91.10	0.70	0.25	0.42	0.12	30.30	9.60	17.70	1.46	21.48	
1098283	BI	17/08/2011	UTM83-8	7128754	594850	1514	WHI11001191	117.00	0.80	3.20	1.30	6.00	149.30	0.50	0.20	1.36	0.13	28.70	6.50	13.70	1.52	14.81	
1098284	BI	17/08/2011	UTM83-8	7128855	594848	1464	WHI11001191	146.00	0.82	4.00	2.80	9.00	110.60	0.90	0.22	1.59	0.16	43.20	9.00	22.10	2.18	21.56	
1098285	BI	17/08/2011	UTM83-8	7128900	594850	1445	WHI11001191	14.00	1.06	0.40	5.10	3.00	189.90	1.90	0.47	0.05	0.01	7.10	17.00	21.60	2.93	16.25	
1098286	BI	17/08/2011	UTM83-8	7128951	594851	1445	WHI11001191	39.00	0.05	5.10	0.80	1.00	23.20	0.10	0.01	16.90	0.14	2.20	0.70	2.90	0.08	0.52	
1098287	BI	17/08/2011	UTM83-8	7129001	594847	1438	WHI11001191	96.00	0.20	17.70	3.90	0.50	39.10	0.05	0.07	15.91	1.60	3.70	1.60	3.40	0.17	1.67	
1098288	BI	17/08/2011	UTM83-8	7129051	594848	1427	WHI11001191	202.00	0.60	28.20	2.90	2.00	283.30	0.50	0.40	2.97	0.64	9.50	9.30	12.40	0.43	20.03	
1098289	BI	17/08/2011	UTM83-8	7129102	594848	1416	WHI11001191	172.00	0.44	14.80	0.70	3.00	75.00	0.60	0.31	1.20	0.14	5.10	12.00	8.90	4.84	27.84	
1098290	BI	17/08/2011	UTM83-8	7129149	594848	1420	WHI11001191	114.00	1.13	14.20	0.70	4.00	55.90	0.80	0.36	0.04	0.08	12.10	13.40	17.10	3.18	30.64	
1098291	BI	17/08/2011	UTM83-8	7129202	594848	1436	WHI11001191	35.00	0.61	9.20	0.80	2.00	46.20	0.20	0.38	0.04	0.05	17.10	9.60	12.50	9.49	15.91	
1098292	BI	17/08/2011	UTM83-8	7129249	594849	1451	WHI11001191	130.00	0.66	13.90	1.40	3.00	1230.80	0.50	0.17	2.09	0.89	25.80	6.70	12.30	0.62	18.22	
1098293	BI	17/08/2011	UTM83-8	7129299	594849	1472	WHI11001191	70.00	1.22	8.40	1.80	3.00	42.70	0.80	0.19	1.68	0.29	45.60	10.90	33.80	1.83	28.89	
1098294	BI	17/08/2011	UTM83-8	7129401	594849	1475	WHI11001191	85.00	1.89	10.40	2.60	2.00	75.70	0.90	0.16	3.02	0.22	40.20	9.80	46.90	3.11	26.98	
1098295	BI	17/08/2011	UTM83-8	7129452	594849	1463	WHI11001191	63.00	0.82	5.40	2.80	4.00	381.20	0.80	0.18	0.74	0.14	44.40	9.90	30.20	2.39	25.82	
1098296	BI	17/08/2011	UTM83-8	7129500	594849	1437	WHI11001191	62.00	1.75	4.40	2.40	3.00	83.50	0.90	0.22	0.48	0.12	50.90	10.10	42.90	1.74	21.26	
1098297	BI	17/08/2011	UTM83-8	7129601	594849	1373	WHI11001191	60.00	1.50	3.90	0.50	4.00	95.90	1.20	0.29	1.14	0.17	32.10	10.50	30.70	1.88	30.53	
1098298	BI	17/08/2011	UTM83-8	7129650	594848	1353	WHI11001191	85.00	1.75	4.00	2.50	3.00	94.30	0.90	0.27	1.31	0.18	22.80	10.90	39.10	3.15	41.41	
1098299	BI	17/08/2011	UTM83-8	7129700	594848	1330	WHI11001191	79.00	1.57	3.70	2.40	3.00	80.40	0.90	0.29	0.90	0.17	24.00	10.60	33.10	3.50	31.55	
1098300	BI	17/08/2011	UTM83-8	7129700	594604	1324	WHI11001191	219.00	0.64	16.10	0.90	2.00	107.50	0.60	0.54	0.11	0.52	25.50	19.30	14.60	15.07	31.36	
1098403	PM	16/08/2011	UTM83-8	7129100	593350	1382	WHI11001191	108.00	0.99	18.60	3.80	3.00	111.00	1.10	0.20	1.08	0.40	39.90	12.30	45.60	1.01	24.78	
1098404	PM	16/08/2011	UTM83-8	7129047	593347	1380	WHI11001191	49.00	1.37	8.30	2.40	4.00	87.30	1.00	0.20	0.77	0.19	41.90	8.60	35.70	3.86	18.46	
1098405	PM	16/08/2011	UTM83-8	7129004	593345	1348	WHI11001191	109.00	0.82	17.40	4.20	5.00	67.70	1.30	0.17	1.45	0.25	47.60	11.90	47.20	1.18	28.51	
1098406	PM	16/08/2011	UTM83-8	7128901	593354	1293	WHI11001191	300.00	0.42	15.40	1.40	3.00	77.40	0.30	0.04	9.75	2.93	6.60	3.50	7.70	0.48	5.24	
1098407	PM	16/08/2011	UTM83-8	7128849	593351	1291	WHI11001191	280.00	0.29	11.70	1.00	1.00	24.30	0.30	0.01	11.82	1.67	4.80	2.20	5.40	0.24	1.84	
1098408	PM	16/08/2011	UTM83-8	7128800	593351	1295	WHI11001191	414.00	0.82	109.00	1.70	7.00	113.90	0.70	0.12	2.53	0.38	19.00	8.60	23.40	1.02	17.25	
1098409	PM	16/08/2011	UTM83-8	7128699	593346	1348	WHI11001191	649.00	0.32	87.80	1.60	5.00	31.30	0.40	0.04	14.53	1.36	17.40	6.90	16.50	1.09	16.33	
1098410	PM	16/08/2011	UTM83-8	7128501	593348	1444	WHI11001191	23.00	0.18	7.90	0.90	2.00	16.10	0.10	0.01	16.18	0.10	4.80	1.40	5.30	0.18	1.68	
1098411	PM	16/08/2011	UTM83-8	7128448	593352	1477	WHI11001191	9.00	0.11	12.40	0.30	0.50	14.10	0.05	0.01	15.22	0.04	3.80	2.10	5.10	0.12	1.32	
1098412	PM	16/08/2011	UTM83-8	7128401	593347	1488	WHI11001191	8.00	0.06	11.60	0.20	0.50	18.30	0.05	0.01	19.42	0.03	2.50	1.30	2.10	0.09	1.13	
1098413	PM	16/08/2011	UTM83-8	7128352	593352	1496	WHI11001191	91.00	0.44	23.30	1.50	4.00	92.00	0.30	0.15	14.71	0.33	14.20	8.40	11.00	1.56	18.20	
1098414	PM	16/08/2011	UTM83-8	7128304	593344	1496	WHI11001191	35.00	0.26	13.20	0.50	4.00	32.60	0.20	0.02	16.96	0.21	8.60	3.00	6.40	0.32	3.75	
1098415	PM	16/08/2011	UTM83-8	7128249	593347	1488	WHI11001191	30.00	0.35	16.60	0.70	3.00	39.10	0.20	0.04	17.26	0.16	11.30	3.40	6.40	0.42	5.18	
1098416	PM	16/08/2011	UTM83-8	7128198	593345	1484	WHI11001191	31.00	0.37	10.00	0.70	2.00	32.40	0.20	0.04	16.95	0.13	9.20	2.90	6.40	0.33	5.15	
1098417	PM	16/08/2011	UTM83-8	7128156	593348	1488	WHI11001191	46.00	0.90	18.30	0.60	2.00	92.00	0.50	0.09	13.59	0.38	23.70	8.30	9.00	0.89	14.88	
1098418	PM	16/08/2011	UTM83-8	7128104	593347	1485	WHI11001191	35.00	0.32	10.00	0.70	4.00	41.70	0.20	0.04	16.29	0.19	7.90	3.00	6.20	0.35	4.78	
1098419	PM	16/08/2011	UTM83-8	7128004	593346	1499	WHI110011																

Sample No.	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppb	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppb	S_pct	Sb_ppm	Sc_ppm
1097571	3.50	3.80	0.05	0.05	37.00	0.03	0.08	8.20	43.10	0.44	313.00	0.72	0.00	0.17	28.50	0.05	40.18	5.00	1.00	10.30	2.00	0.03	1.03	2.30
1097572	4.26	3.00	0.05	0.05	79.00	0.04	0.10	7.00	22.60	0.31	851.00	0.59	0.01	0.12	28.80	0.10	61.21	5.00	1.00	9.20	2.00	0.12	1.45	3.40
1097601	3.36	1.50	0.05	0.01	1207.00	0.05	0.13	4.30	1.50	0.05	446.00	0.31	0.00	0.01	30.50	0.06	44.96	5.00	1.00	8.50	0.50	0.01	0.53	3.50
1097602	2.70	1.10	0.05	0.03	3471.00	0.01	0.03	5.90	2.40	7.10	1465.00	11.01	0.01	0.10	8.80	0.06	75.33	5.00	1.00	3.00	0.50	0.01	2.48	1.50
1097603	0.75	1.00	0.05	0.03	1924.00	0.01	0.05	2.90	1.00	8.33	873.00	1.03	0.01	0.03	19.70	0.06	67.54	5.00	1.00	3.10	0.50	0.01	0.96	2.30
1097604	0.42	0.40	0.05	0.01	50000.00	0.01	0.02	2.10	1.10	9.46	1022.00	0.33	0.01	0.05	2.40	0.10	193.16	5.00	1.00	2.00	0.50	0.01	0.55	0.30
1097605	0.58	0.30	0.05	0.02	917.00	0.01	0.03	4.90	1.20	9.61	711.00	0.18	0.01	0.04	3.00	0.17	29.34	5.00	1.00	1.90	0.50	0.01	0.45	0.60
1097606	3.01	4.80	0.05	0.01	91.00	0.02	0.24	3.80	5.10	0.12	131.00	0.53	0.00	0.32	8.90	0.02	10.59	5.00	1.00	27.00	0.50	0.01	0.45	2.00
1098275	3.73	2.60	0.05	0.10	46.00	0.02	0.26	13.60	9.40	1.84	429.00	7.65	0.01	0.11	33.90	0.16	22.20	5.00	1.00	15.70	0.50	0.12	1.86	4.80
1098276	3.31	2.50	0.05	0.09	68.00	0.04	0.13	16.00	10.40	1.27	240.00	4.83	0.01	0.26	30.60	0.14	27.22	5.00	1.00	8.90	0.50	0.13	1.45	3.50
1098277	3.56	3.40	0.05	0.12	28.00	0.05	0.27	21.00	11.20	0.26	453.00	1.63	0.00	0.51	32.50	0.11	16.32	5.00	1.00	15.00	0.50	0.07	0.28	3.80
1098278	4.52	4.90	0.05	0.04	58.00	0.04	0.17	5.90	11.90	0.24	536.00	1.57	0.00	0.38	21.70	0.19	29.81	5.00	1.00	18.90	0.50	0.11	0.49	1.00
1098279	3.09	3.30	0.05	0.04	32.00	0.04	0.18	7.90	15.90	0.23	461.00	0.90	0.00	0.18	25.90	0.09	31.56	5.00	1.00	16.90	0.50	0.08	0.43	2.50
1098280	2.69	3.10	0.05	0.06	31.00	0.03	0.13	19.50	14.40	0.35	429.00	0.91	0.00	0.23	21.90	0.08	17.07	5.00	1.00	12.60	1.00	0.03	0.51	3.40
1098281	2.82	2.60	0.05	0.04	25.00	0.02	0.11	7.80	12.50	0.17	198.00	1.73	0.00	0.13	21.20	0.09	28.50	5.00	1.00	11.20	0.50	0.07	0.55	0.80
1098282	2.29	1.90	0.05	0.10	36.00	0.02	0.11	15.30	11.50	0.33	261.00	1.52	0.00	0.17	25.80	0.05	28.73	5.00	1.00	9.40	0.50	0.03	0.47	3.90
1098283	1.56	2.50	0.05	0.07	45.00	0.02	0.12	14.70	8.10	0.22	303.00	0.56	0.00	0.35	12.30	0.10	11.15	5.00	1.00	11.90	0.50	0.12	0.28	1.50
1098284	1.69	2.30	0.05	0.05	398.00	0.01	0.15	23.80	10.80	0.39	515.00	1.21	0.00	0.23	23.00	0.10	34.79	5.00	2.00	13.00	0.50	0.11	0.33	2.20
1098285	3.42	3.30	0.05	0.05	11.00	0.01	0.15	2.40	21.50	0.33	185.00	0.82	0.00	0.12	35.70	0.01	15.32	5.00	1.00	13.70	0.50	0.01	0.60	2.50
1098286	0.17	0.20	0.05	0.01	270.00	0.01	0.01	1.50	0.50	8.14	717.00	0.27	0.01	0.03	1.50	0.05	14.90	5.00	1.00	0.60	0.50	0.01	0.11	0.20
1098287	0.39	0.80	0.20	0.01	50000.00	0.01	0.01	2.90	1.10	8.92	1002.00	0.27	0.01	0.04	3.30	0.10	39.76	5.00	9.00	1.40	0.50	0.01	0.27	0.20
1098288	1.27	2.20	0.05	0.07	2408.00	0.03	0.11	4.50	2.20	1.76	450.00	1.63	0.00	0.07	15.70	0.04	99.21	5.00	1.00	5.10	0.50	0.11	1.52	1.50
1098289	2.49	1.30	0.05	0.08	1864.00	0.03	0.08	1.90	1.50	0.37	445.00	0.66	0.00	0.15	25.40	0.06	40.72	5.00	1.00	8.30	0.50	0.06	0.79	2.70
1098290	3.22	3.80	0.05	0.03	91.00	0.03	0.14	5.10	14.00	0.24	703.00	0.77	0.00	0.11	20.80	0.06	42.61	5.00	1.00	14.50	0.50	0.04	0.51	1.90
1098291	2.22	4.60	0.05	0.01	101.00	0.01	0.11	8.20	2.60	0.08	850.00	1.09	0.00	0.28	8.90	0.04	15.95	5.00	1.00	20.10	0.50	0.01	0.59	1.20
1098292	2.00	1.90	0.05	0.03	376.00	0.03	0.05	12.70	5.50	0.17	596.00	1.19	0.01	0.25	15.00	0.09	28.82	5.00	1.00	5.60	0.50	0.12	1.56	1.00
1098293	2.52	4.10	0.05	0.13	73.00	0.03	0.13	25.80	20.80	1.17	274.00	0.41	0.00	0.20	27.40	0.05	11.21	5.00	1.00	10.90	0.50	0.04	0.62	5.00
1098294	2.08	5.90	0.05	0.16	84.00	0.01	0.07	20.30	44.30	2.13	252.00	0.71	0.00	0.28	24.40	0.05	14.38	5.00	1.00	8.40	0.50	0.03	0.43	4.10
1098295	2.41	2.50	0.05	0.11	61.00	0.02	0.09	23.80	13.30	0.54	285.00	0.48	0.00	0.14	26.20	0.06	9.86	5.00	1.00	9.50	0.50	0.05	0.47	4.50
1098296	2.30	5.10	0.05	0.13	42.00	0.02	0.09	27.20	41.00	2.08	246.00	0.61	0.00	0.17	27.70	0.05	37.18	5.00	1.00	7.60	0.50	0.03	0.28	4.90
1098297	2.39	4.30	0.05	0.10	44.00	0.03	0.06	20.80	31.00	0.99	262.00	0.32	0.00	0.20	34.10	0.07	20.15	5.00	2.00	6.10	0.50	0.07	0.26	4.30
1098298	2.86	5.10	0.05	0.10	45.00	0.04	0.06	13.80	46.70	1.21	201.00	0.45	0.00	0.23	40.60	0.07	26.56	5.00	1.00	5.80	0.50	0.05	0.26	4.60
1098299	2.70	4.80	0.05	0.10	43.00	0.02	0.06	12.20	43.00	1.01	269.00	0.30	0.00	0.22	34.90	0.07	21.27	5.00	1.00	6.20	0.50	0.04	0.30	4.10
1098300	3.93	2.30	0.05	0.01	53.00	0.05	0.13	10.10	4.10	0.10	715.00	1.06	0.00	0.09	36.00	0.10	65.02	5.00	1.00	14.00	0.50	0.04	3.36	2.90
1098403	3.18	3.10	0.05	0.08	621.00	0.05	0.07	19.00	18.90	0.63	601.00	0.96	0.01	0.25	26.60	0.07	18.45	5.00	1.00	6.90	0.50	0.06	0.62	5.10
1098404	2.73	4.50	0.05	0.07	171.00	0.02	0.09	20.20	32.40	0.81	357.00	0.67	0.00	0.48	22.10	0.06	16.78	5.00	1.00	15.30	0.50	0.04	0.36	4.80
1098405	3.01	3.00	0.05	0.10	2414.00	0.02	0.10	23.10	17.40	0.46	440.00	0.70	0.00	0.14	28.30	0.07	14.65	5.00	1.00	9.30	0.50	0.05	0.30	4.60
1098406	10.07	1.10	0.10	0.01	372.00	0.01	0.02	3.70	2.30	5.76	3013.00	2.51	0.01	0.06	5.80	0.15	635.95	5.00	1.00	3.00	0.50	0.04	2.94	0.60
1098407	2.73	0.80	0.05	0.01	1953.00	0.01	0.01	2.70	1.80	7.01	1917.00	1.59	0.01	0.04	2.30	0.07	230.20	5.00	1.00	1.60	0.50	0.01	1.07	0.60
1098408	2.07	2.40	0.05	0.06	162.00	0.01	0.08	9.10	7.00	0.53	433.00	14.12	0.01	0.30	41.60	0.29	19.66	5.00	1.00	5.60	0.50	0.18	5.39	1.20
1098409	1.42	0.90	0.05	0.06	65.00	0.01	0.09	8.30	3.40	7.49	254.00	45.52	0.01	0.05	49.10	0.24	19.69	15.00	1.00	4.50	4.00	0.01	5.37	1.70
1098410	0.28	0.30	0.05	0.01	11.00	0.01	0.01	3.60	1.50	9.24	226.00	0.40	0.01	0.04	5.60	0.03	3.68	5.00	1.00	1.30	0.50	0.01	0.45	0.40
1098411	0.36	0.30	0.05	0.02	9.00	0.01	0.01	2.70	1.30	8.80	220.00	0.58	0.01	0.08	11.00	0.01	3.04	5.00	1.00	0.60	0.50	0.01	0.79	0.50
1098412	0.15	0.20	0.10	0.01	10.00	0.01	0.01	2.20	1.00	11.22	257.00	0.24	0.01	0.02	5.80	0.02	2.20	5.00	1.00	0.50	0.50	0.01	0.30	0.30
1098413	1.23	0.80	0.05	0.04	34.00	0.03	0.06	6.20	2.90	4.91	162.00	3.75	0.01	0.07	39.30	0.08	11.61	5.00	1.00	3.70	1.00	0.03	1.43	0.80
1098414	0.42	0.50	0.05	0.01	19.00	0.01	0.02	7.10	2.00	9.44	256.00	1.31	0.01	0.06	12.60	0.09	5.80	5.00	1.00	1.80	4.00	0.01	0.50	0.30
1098415	0.65	0.70	0.05	0.03	11.00	0.01	0.03	8.60	3.10	9.56	416.00	1.29	0.01	0.09	11.80	0.05	5.46	5.00	1.00	2.40	1.00	0.01	0.42	0.70
1098416	0.63	0.70	0.05	0.02	16.00	0.01	0.02	7.40	3.10	9.58	245.00	0.70	0.01	0.12	8.40	0.04	5.17	5.00	1.00	2.10	1.00	0.01	0.28	0.80
1098417	1.53	1.90	0.05	0.06	115.00	0.02	0.07	11.80	7.90	6.93	546.00	1.22	0.01	0.27	29.20	0.09	10.46	5.00	1.00	4.60	0.50	0.01	0.54	2.60
1098418	0.53	0.50	0.05	0.02	17.00	0.01	0.03	6.10	2.30	8.72	295.00	1.13	0.01	0.08	9.70	0.07	5.40	5.00	1.00	2.10	1.00	0.01	0.28	0.40
1098419	0.60	0.60	0.05	0.03	13.00	0.01	0.02	6.60	2.90	10.05	256.00	0.70	0.01	0.07	7.80	0.06	4.39	5.00						

Sample No.	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Ti_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zn_pct	Zr_ppm
1097571	0.30	2.40	11.90	0.03	0.09	4.20	0.00	0.09	0.50	21.00	0.05	3.70	140.80		1.9
1097572	0.70	1.70	21.40	0.03	0.08	3.70	0.00	0.13	1.10	16.00	0.05	8.53	111.70		2.6
1097601	0.30	0.80	41.80	0.03	0.05	4.30	0.00	0.25	0.70	15.00	0.05	11.14	346.60		0.8
1097602	0.50	1.10	163.20	0.03	0.04	0.80	0.00	2.87	2.20	14.00	0.05	5.85	1508.20		0.7
1097603	0.30	0.70	403.10	0.03	0.05	0.80	0.00	0.33	1.30	12.00	0.05	5.56	417.50		0.7
1097604	0.40	2.60	104.00	0.03	0.03	0.20	0.00	0.24	1.40	4.00	0.05	2.77	285.70		0.5
1097605	0.30	0.50	225.40	0.03	0.03	0.40	0.00	0.84	1.40	3.00	0.05	4.43	222.20		0.7
1097606	0.05	0.90	4.20	0.03	0.03	3.70	0.01	0.18	0.70	24.00	0.05	5.55	47.30		0.3
1098275	0.80	0.90	37.30	0.03	0.03	6.00	0.00	0.55	3.50	31.00	0.05	16.15	138.00		4.3
1098276	0.70	4.70	36.60	0.03	0.04	1.40	0.00	0.54	4.80	38.00	0.05	18.28	131.60		3.4
1098277	0.40	1.00	100.00	0.03	0.01	2.00	0.00	0.20	0.80	24.00	0.05	16.31	93.30		5.7
1098278	0.60	1.90	7.90	0.03	0.10	0.60	0.00	0.15	1.20	28.00	0.05	4.26	94.80		1.2
1098279	0.70	1.00	17.40	0.03	0.14	1.30	0.00	0.13	0.80	17.00	0.05	9.31	86.30		1.2
1098280	0.30	1.30	21.00	0.03	0.03	2.40	0.01	0.11	1.10	23.00	0.10	15.17	69.10		1.6
1098281	0.30	0.90	15.40	0.03	0.03	0.50	0.00	0.12	0.70	18.00	0.05	5.83	70.00		0.4
1098282	0.40	3.00	11.20	0.03	0.01	3.50	0.00	0.09	0.80	13.00	0.05	13.65	44.90		3.4
1098283	0.50	0.80	37.60	0.03	0.01	1.00	0.01	0.10	1.80	15.00	0.05	12.44	37.50		1.5
1098284	0.90	15.50	31.50	0.03	0.01	1.10	0.01	0.13	1.30	14.00	0.05	17.99	48.50		1.4
1098285	0.05	1.10	4.80	0.03	0.01	6.00	0.01	0.10	1.40	18.00	0.05	8.44	67.90		1.9
1098286	0.05	7.10	66.80	0.03	0.01	0.10	0.00	0.27	0.40	1.00	0.05	1.89	43.10		0.3
1098287	1.00	0.90	60.60	0.03	0.01	0.05	0.00	0.53	1.50	2.00	0.05	3.20	152.10		0.05
1098288	0.20	4.10	61.90	0.03	0.07	1.60	0.00	0.70	1.10	15.00	0.05	4.23	310.40		2
1098289	0.30	2.10	15.50	0.03	0.01	1.70	0.00	0.45	0.60	12.00	0.05	2.85	75.10		1.9
1098290	0.20	2.00	24.00	0.03	0.03	2.90	0.00	0.17	0.60	23.00	0.05	3.08	96.30		0.9
1098291	0.20	1.60	5.50	0.03	0.04	1.10	0.01	0.12	0.40	32.00	0.05	1.88	81.20		0.2
1098292	0.80	1.10	77.30	0.03	0.02	0.40	0.00	0.24	6.80	19.00	0.05	8.95	205.40		0.9
1098293	0.60	0.60	41.20	0.03	0.02	4.10	0.00	0.13	1.60	26.00	0.05	13.61	81.70		4
1098294	0.90	3.10	86.00	0.03	0.01	3.70	0.01	0.14	2.10	32.00	0.05	11.60	81.00		4.4
1098295	1.50	0.70	36.00	0.03	0.05	2.80	0.00	0.16	1.50	19.00	0.05	16.87	85.10		3
1098296	1.00	1.30	13.60	0.03	0.01	5.70	0.00	0.06	0.90	20.00	0.05	12.12	92.20		4.1
1098297	0.60	0.40	37.50	0.03	0.01	2.30	0.00	0.06	2.50	15.00	0.05	19.69	87.20		3
1098298	0.30	5.40	37.80	0.03	0.01	3.10	0.00	0.06	2.20	16.00	0.05	16.82	111.20		4.7
1098299	0.30	0.80	34.50	0.03	0.01	3.50	0.00	0.06	2.90	16.00	0.05	13.36	99.10		4.4
1098300	0.20	7.10	16.60	0.03	0.01	2.80	0.00	0.20	0.80	17.00	0.05	8.92	294.20		0.7
1098403	1.20	0.70	84.30	0.03	0.03	2.20	0.01	0.23	1.80	42.00	0.05	12.57	111.10		2.5
1098404	0.70	3.60	29.20	0.03	0.02	3.40	0.01	0.18	2.40	38.00	0.10	11.97	77.50		2
1098405	0.80	0.80	60.50	0.03	0.01	2.80	0.00	0.27	1.90	42.00	0.05	13.99	99.90		3.1
1098406	0.80	1.40	31.00	0.03	0.01	0.10	0.01	7.53	1.90	8.00	0.05	4.91	5965.00		0.2
1098407	0.40	0.50	30.70	0.03	0.01	0.20	0.00	1.03	2.10	8.00	0.05	3.38	1627.60		0.2
1098408	0.90	0.80	32.00	0.03	0.11	0.50	0.00	2.60	21.10	140.00	0.05	10.59	117.00		2
1098409	0.90	4.60	103.50	0.03	0.06	1.20	0.00	2.12	14.60	139.00	0.05	10.54	141.00		2
1098410	0.30	1.10	59.60	0.03	0.01	0.10	0.00	0.13	1.10	18.00	0.05	5.98	15.40		0.5
1098411	0.30	1.10	68.00	0.03	0.01	0.20	0.00	0.31	1.00	21.00	0.05	4.36	6.20		0.6
1098412	0.40	0.50	49.10	0.03	0.01	0.10	0.00	0.29	1.00	9.00	0.05	5.51	2.40		0.3
1098413	0.50	1.60	91.60	0.03	0.06	0.50	0.00	0.86	3.40	31.00	0.05	7.39	45.20		0.8
1098414	0.50	2.30	57.80	0.03	0.01	0.10	0.00	0.20	2.30	22.00	0.05	9.79	21.80		0.4
1098415	0.40	1.20	66.60	0.03	0.02	0.30	0.00	0.36	1.10	17.00	0.05	9.94	21.20		0.9
1098416	0.40	1.30	45.00	0.03	0.01	0.30	0.01	0.13	0.70	15.00	0.05	10.29	20.90		0.9
1098417	0.20	1.10	48.80	0.03	0.03	2.30	0.01	0.57	2.30	27.00	0.05	13.65	58.90		3.5
1098418	0.30	1.70	59.60	0.03	0.02	0.10	0.00	0.21	1.10	14.00	0.05	7.13	22.50		0.6
1098419	0.40	0.60	60.40	0.03	0.01	0.30	0.01	0.14	1.30	17.00	0.05	8.41	25.00		0.8
1098420	0.50	2.70	47.90	0.03	0.01	0.30	0.01	0.14	1.20	19.00	0.05	8.04	32.70		0.6
1098421	0.40	1.90	48.90	0.03	0.01	0.10	0.00	0.08	1.00	9.00	0.05	6.24	17.10		0.4
1098422	0.40	1.30	37.20	0.03	0.02	0.50	0.01	0.41	4.20	35.00	0.05	13.64	77.20		1.4
1098423	1.50	0.90	121.70	0.03	0.01	3.60	0.00	0.16	1.10	29.00	0.05	12.62	78.90		2.8
1098424	1.00	1.00	50.10	0.03	0.01	1.30	0.01	0.12	3.30	33.00	0.05	11.35	112.10		2.6
1098425	0.60	2.00	56.10	0.03	0.04	1.20	0.01	0.13	1.50	18.00	0.05	14.55	63.50		2.7
1098426	0.90	2.60	48.80	0.03	0.03	1.30	0.01	0.10	2.10	22.00	0.05	15.40	73.00		3.8

Scarlet West Property (Car & Lin Claims) - 2011 Soil Sample Locations and Analytical Results																						
Sample No.	Sampler	Sample Date	grid_type	north	east	elevation	lab_ref_number	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm
1098427	PM	16/08/2011	UTM83-8	7129449	593352	1225	WHI11001191	111.00	1.52	5.70	3.40	6.00	278.50	0.90	0.18	1.37	0.22	37.60	10.40	40.00	3.09	29.96
1098428	PM	16/08/2011	UTM83-8	7129604	593346	1150	WHI11001191	68.00	2.07	4.00	3.40	5.00	180.50	1.10	0.24	1.20	0.11	38.90	12.80	49.90	2.65	34.91
1098429	PM	16/08/2011	UTM83-8	7129649	593350	1123	WHI11001191	101.00	1.65	5.70	2.00	4.00	157.30	1.20	0.28	1.03	0.21	30.90	14.80	34.20	2.11	35.66
1098430	PM	16/08/2011	UTM83-8	7129704	593348	1107	WHI11001191	89.00	1.73	3.70	2.00	5.00	186.20	1.00	0.25	1.05	0.18	32.10	11.50	35.60	1.98	30.82
1098431	PM	17/08/2011	UTM83-8	7127798	594099	1398	WHI11001192	38.00	0.49	22.00	0.80	2.00	86.20	0.60	0.08	17.63	0.85	18.70	5.70	7.60	0.41	16.33
1098432	PM	17/08/2011	UTM83-8	7127848	594095	1383	WHI11001192	50.00	0.92	29.60	0.70	3.00	94.80	0.80	0.15	13.74	1.13	24.70	7.30	10.90	1.34	19.20
1098433	PM	17/08/2011	UTM83-8	7127899	594100	1363	WHI11001192	25.00	0.33	25.80	0.40	1.00	55.80	0.40	0.08	23.21	0.66	14.10	4.40	5.20	1.16	9.82
1098434	PM	17/08/2011	UTM83-8	7127948	594100	1353	WHI11001192	240.00	1.03	30.50	0.90	7.00	292.00	0.80	0.14	2.62	0.43	19.80	7.80	15.40	0.98	19.82
1098435	PM	17/08/2011	UTM83-8	7127998	594100	1364	WHI11001192	273.00	0.86	29.60	0.60	8.00	218.90	1.10	0.18	0.85	0.48	27.20	14.00	16.70	2.00	29.54
1098436	PM	17/08/2011	UTM83-8	7128051	594103	1384	WHI11001192	296.00	0.65	35.40	1.30	9.00	107.60	0.60	0.15	6.71	0.92	24.40	11.70	15.00	1.88	25.36
1098437	PM	17/08/2011	UTM83-8	7128099	594099	1385	WHI11001192	142.00	0.97	21.80	0.80	10.00	190.80	0.90	0.15	2.57	0.39	30.30	10.10	17.00	0.86	20.34
1098438	PM	17/08/2011	UTM83-8	7128148	594099	1393	WHI11001192	80.00	0.82	19.50	0.40	7.00	80.00	0.40	0.09	10.67	0.32	21.80	8.00	13.80	1.09	15.13
1098439	PM	17/08/2011	UTM83-8	7128199	594098	1417	WHI11001192	68.00	0.82	6.80	0.10	11.00	88.10	1.50	0.15	3.98	0.16	47.40	14.90	18.00	2.59	18.70
1098440	PM	17/08/2011	UTM83-8	7128249	594099	1418	WHI11001192	65.00	0.73	9.00	0.90	6.00	79.70	0.80	0.12	9.59	0.17	26.50	9.70	14.50	1.48	14.81
1098441	PM	17/08/2011	UTM83-8	7128300	594098	1422	WHI11001192	62.00	1.14	6.30	0.50	10.00	154.10	1.20	0.18	1.82	0.15	41.70	10.40	18.60	1.17	16.26
1098442	PM	17/08/2011	UTM83-8	7128347	594102	1427	WHI11001192	49.00	0.98	3.90	0.40	10.00	134.10	1.10	0.15	6.21	0.17	30.80	10.10	15.70	1.19	15.66
1098443	PM	17/08/2011	UTM83-8	7128401	594103	1420	WHI11001192	93.00	1.14	11.30	0.60	5.00	96.60	0.80	0.16	7.13	0.61	30.60	8.20	19.60	1.00	12.84
1098444	PM	17/08/2011	UTM83-8	7128502	594102	1413	WHI11001192	81.00	0.83	8.80	1.00	6.00	74.80	0.60	0.11	9.55	0.58	25.10	6.70	15.60	0.70	10.40
1098445	PM	17/08/2011	UTM83-8	7128556	594098	1404	WHI11001192	91.00	0.68	19.20	0.60	9.00	109.40	0.60	0.10	12.91	0.26	23.60	8.30	13.10	1.41	14.68
1098446	PM	17/08/2011	UTM83-8	7128649	594100	1396	WHI11001192	121.00	0.81	3.20	0.70	7.00	84.50	0.60	0.16	0.55	0.09	39.20	7.00	15.00	1.79	14.46
1098447	PM	17/08/2011	UTM83-8	7128847	594095	1376	WHI11001192	90.00	0.74	4.60	0.50	5.00	60.30	0.70	0.19	0.65	0.09	49.30	8.30	15.70	1.79	17.05
1098448	PM	17/08/2011	UTM83-8	7128952	594099	1371	WHI11001192	217.00	1.07	11.50	2.00	4.00	78.00	0.80	0.18	5.07	0.83	15.90	5.90	15.70	0.90	13.88
1098449	PM	17/08/2011	UTM83-8	7128999	594098	1371	WHI11001192	242.00	0.35	56.20	3.30	8.00	132.60	0.40	0.12	13.26	0.59	9.70	5.00	9.00	0.51	9.48
1098450	PM	17/08/2011	UTM83-8	7129049	594097	1370	WHI11001192	154.00	0.95	14.60	3.00	5.00	74.50	0.70	0.17	6.79	3.89	16.30	5.90	14.50	1.27	8.28
1098685	ALJ	16/08/2011	UTM83-8	7129002	593851	1248	WHI11001191	82.00	0.83	10.30	0.80	7.00	72.30	0.70	0.16	4.58	0.32	28.00	9.80	16.60	1.42	17.33
1098686	ALJ	16/08/2011	UTM83-8	7129054	593849	1243	WHI11001191	141.00	0.75	8.20	1.00	7.00	96.80	0.70	0.19	3.55	0.22	20.10	7.60	16.40	1.88	18.96
1098687	ALJ	16/08/2011	UTM83-8	7129097	593853	1244	WHI11001191	120.00	0.78	8.00	3.10	8.00	110.70	1.10	0.18	1.95	0.22	26.20	8.30	23.50	3.39	27.76
1098688	ALJ	16/08/2011	UTM83-8	7129251	593850	1200	WHI11001191	88.00	1.09	9.70	2.20	4.00	118.20	1.00	0.20	2.53	0.22	39.10	10.20	33.60	5.02	32.98
1098689	ALJ	16/08/2011	UTM83-8	7129299	593849	1193	WHI11001191	86.00	1.16	8.30	2.90	4.00	158.50	1.00	0.23	2.35	0.18	38.60	11.10	36.40	4.86	33.50
1098690	ALJ	16/08/2011	UTM83-8	7129349	593851	1202	WHI11001191	56.00	1.02	3.60	1.90	5.00	331.90	1.00	0.23	1.29	0.13	37.30	10.20	31.60	3.17	42.42
1098691	ALJ	16/08/2011	UTM83-8	7129395	593851	1202	WHI11001191	98.00	1.12	6.20	2.00	5.00	245.50	0.90	0.20	3.79	0.25	32.80	11.10	26.00	2.34	28.60
1098692	ALJ	16/08/2011	UTM83-8	7129501	593842	1194	WHI11001191	70.00	1.38	4.60	1.30	5.00	283.80	0.90	0.22	2.53	0.16	34.20	9.40	33.50	1.30	32.30
1098693	ALJ	16/08/2011	UTM83-8	7129549	593855	1190	WHI11001191	103.00	1.27	6.40	0.70	3.00	236.10	0.90	0.34	2.62	0.21	28.70	9.60	27.80	0.88	32.39
1098694	ALJ	16/08/2011	UTM83-8	7129653	593854	1138	WHI11001191	109.00	1.88	3.60	1.90	4.00	100.90	1.20	0.33	1.51	0.12	39.10	12.60	45.10	3.17	32.57
1098695	ALJ	16/08/2011	UTM83-8	7129706	593846	1117	WHI11001191	128.00	1.18	4.90	2.70	5.00	138.00	1.10	0.29	2.29	0.26	20.90	11.00	29.40	1.79	41.33
1098696	ALJ	16/08/2011	UTM83-8	7127850	593850	1259	WHI11001191	16.00	0.21	12.60	0.40	2.00	119.80	0.30	0.07	23.33	0.25	9.80	4.20	6.10	0.78	7.33
1098697	ALJ	16/08/2011	UTM83-8	7128102	593848	1351	WHI11001191	27.00	0.34	13.10	0.60	3.00	72.20	0.30	0.06	20.64	0.31	11.90	3.20	6.00	0.76	7.05
1098698	ALJ	16/08/2011	UTM83-8	7128146	593851	1349	WHI11001191	68.00	0.43	27.30	0.40	4.00	73.60	0.50	0.09	18.43	0.52	19.70	7.00	8.80	1.32	12.88
1098699	ALJ	16/08/2011	UTM83-8	7128198	593844	1369	WHI11001191	54.00	2.03	13.80	1.50	3.00	173.60	1.10	0.24	0.39	0.12	52.50	12.90	32.60	2.15	17.24
1098700	ALJ	16/08/2011	UTM83-8	7128250	593850	1363	WHI11001191	138.00	1.47	12.40	0.90	8.00	170.80	1.30	0.21	1.32	0.25	55.70	13.50	29.40	1.95	20.24
1098843	CM	16/08/2011	UTM83-8	7129100	593597	1303	WHI11001191	128.00	0.80	12.10	0.90	2.00	60.70	0.50	0.29	0.15	0.35	16.00	8.10	15.30	7.95	20.66
1098844	CM	16/08/2011	UTM83-8	7129050	593604	1311	WHI11001191	1196.00	1.00	25.20	1.80	7.00	122.80	0.90	0.28	1.24	0.22	31.30	12.60	21.50	10.97	28.14
1098845	CM	16/08/2011	UTM83-8	7129003	593600	1322	WHI11001191	251.00	0.49	34.80	1.30	8.00	91.70	0.50	0.12	7.86	0.16	21.00	9.50	12.60	2.74	17.29
1098846	CM	16/08/2011	UTM83-8	7128952	593599	1330	WHI11001191	174.00	0.98	27.40	0.70	8.00	249.60	1.00	0.20	1.53	0.27	38.20	14.00	20.30	1.29	15.25
1098847	CM	16/08/2011	UTM83-8	7128896	593596	1352	WHI11001191	116.00	1.03	16.50	0.70	3.00	102.30	0.60	0.15	7.49	0.29	25.00	7.40	17.40	0.95	8.84
1098848	CM	16/08/2011	UTM83-8	7128853	593594	1358	WHI11001191	134.00	1.28	21.70	0.80	3.00	93.40	0.60	0.22	3.22	0.55	30.00	8.00	23.60	1.03	14.40
1098849	CM	16/08/2011	UTM83-8	7128753	593599	1363	WHI11001191	114.00	1.00	10.60	0.60	6.00	127.40	0.60	0.15	5.22	0.78	22.00	6.30	18.30	0.77	11.03
1098850	CM	16/08/2011	UTM83-8	7128704	593595	1348	WHI11001191	191.00	0.56	35.60	1.10	9.00	62.80	0.80	0.15	3.85	0.27	35.80	13.80	17.70	1.47	25.17
1098851	CM	16/08/2011	UTM83-8	7128651	593598	1340	WHI11001191	185.00	1.11	29.30	0.40	6.00	124.90	1.00	0.17	2.36	0.37	34.50	10.80	22.60	1.03	13.32
1098852	CM	16/08/2011	UTM83-8	7128608	593598	1356	WHI11001191	110.00	0.91	20.60	0.30	8.00	103.30	0.70	0.11	8.30	0.25	29.20	8.60	18.30	1.08	10.86
1098853	CM	16/08/2011</																				

Sample No.	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppb	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppb	S_pct	Sb_ppm	Sc_ppm
1098427	2.58	4.40	0.10	0.12	68.00	0.03	0.12	18.90	35.00	1.34	383.00	0.50	0.01	0.31	25.80	0.08	23.23	5.00	1.00	13.10	0.50	0.07	0.33	5.70
1098428	2.82	5.90	0.05	0.16	56.00	0.03	0.11	19.60	47.80	1.79	244.00	0.31	0.01	0.27	35.20	0.07	18.38	5.00	1.00	10.70	0.50	0.05	0.21	5.20
1098429	3.01	4.60	0.05	0.11	86.00	0.03	0.10	13.00	46.40	1.16	463.00	0.97	0.00	0.19	38.70	0.11	20.43	5.00	1.00	7.40	0.50	0.04	0.43	4.60
1098430	2.59	4.70	0.05	0.10	90.00	0.03	0.09	14.50	46.60	1.21	387.00	0.38	0.00	0.28	34.80	0.07	19.73	5.00	1.00	8.20	1.00	0.05	0.26	4.50
1098431	1.12	1.40	0.05	0.04	47.00	0.01	0.04	12.00	3.70	6.83	294.00	1.31	0.01	0.25	40.70	0.09	10.83	5.00	1.00	2.50	0.50	0.01	0.20	1.40
1098432	1.47	2.00	0.05	0.13	86.00	0.01	0.08	14.20	5.50	5.41	380.00	2.31	0.01	0.39	63.00	0.10	15.46	5.00	1.00	5.30	0.50	0.01	1.03	2.40
1098433	0.77	0.90	0.05	0.07	43.00	0.01	0.05	7.90	2.70	6.22	207.00	1.69	0.01	0.13	34.70	0.05	8.23	5.00	1.00	2.90	0.50	0.01	0.57	1.50
1098434	2.04	2.50	0.05	0.10	125.00	0.04	0.08	11.20	6.50	0.49	362.00	3.53	0.01	0.41	30.80	0.20	19.12	5.00	1.00	7.70	0.50	0.22	0.97	1.50
1098435	3.30	2.60	0.05	0.16	52.00	0.04	0.21	14.50	9.10	0.31	169.00	6.28	0.00	0.31	39.50	0.08	27.10	17.00	1.00	13.60	1.00	0.09	1.68	6.70
1098436	2.66	2.00	0.05	0.07	76.00	0.01	0.19	11.50	6.30	3.00	350.00	5.75	0.01	0.17	37.90	0.14	33.54	5.00	1.00	9.30	0.50	0.08	1.78	4.20
1098437	2.57	2.70	0.05	0.08	57.00	0.01	0.13	16.00	7.90	0.53	286.00	2.99	0.00	0.33	26.50	0.16	21.28	5.00	1.00	10.10	0.50	0.14	0.65	2.40
1098438	1.86	2.10	0.05	0.06	32.00	0.01	0.14	11.90	7.20	4.78	226.00	2.63	0.01	0.22	22.10	0.18	15.56	5.00	1.00	8.30	0.50	0.03	0.63	2.90
1098439	2.97	2.20	0.05	0.11	49.00	0.05	0.27	22.80	7.50	0.41	347.00	2.00	0.01	0.37	39.40	0.09	18.18	5.00	1.00	15.80	0.50	0.05	0.27	5.50
1098440	2.07	1.80	0.05	0.08	46.00	0.01	0.18	12.80	6.60	1.94	260.00	2.05	0.01	0.29	25.50	0.08	15.73	5.00	1.00	9.30	0.50	0.03	0.37	3.20
1098441	2.83	3.20	0.05	0.09	32.00	0.05	0.21	18.40	9.90	0.40	318.00	1.69	0.00	0.42	26.30	0.07	14.94	5.00	1.00	15.40	0.50	0.07	0.27	3.60
1098442	2.67	2.50	0.05	0.07	25.00	0.03	0.23	14.30	8.30	0.40	269.00	1.27	0.01	0.32	24.50	0.08	13.94	5.00	1.00	13.60	0.50	0.04	0.20	3.30
1098443	2.42	2.80	0.05	0.05	39.00	0.03	0.13	16.20	8.70	3.64	332.00	2.27	0.01	0.30	23.30	0.11	19.98	5.00	1.00	10.60	0.50	0.03	0.54	2.60
1098444	1.79	1.90	0.05	0.03	37.00	0.02	0.10	12.20	6.20	4.48	428.00	2.19	0.01	0.28	18.50	0.11	14.49	5.00	1.00	8.20	0.50	0.03	0.46	1.80
1098445	2.06	1.70	0.05	0.04	34.00	0.03	0.21	10.30	5.40	3.54	319.00	4.83	0.01	0.16	24.10	0.18	14.50	5.00	1.00	11.10	1.00	0.01	0.55	3.00
1098446	1.85	2.40	0.05	0.06	31.00	0.01	0.17	20.70	9.10	0.31	196.00	0.62	0.00	0.22	16.40	0.08	13.42	5.00	1.00	12.80	0.50	0.03	0.28	2.70
1098447	2.07	2.60	0.05	0.07	17.00	0.03	0.20	20.50	9.60	0.28	254.00	0.48	0.00	0.24	20.30	0.04	12.39	5.00	1.00	14.30	0.50	0.03	0.30	4.10
1098448	1.98	3.00	0.05	0.05	181.00	0.02	0.07	9.60	13.40	2.70	563.00	1.19	0.01	0.26	15.10	0.12	29.53	5.00	1.00	7.90	0.50	0.05	0.62	1.70
1098449	1.48	0.70	0.05	0.05	2860.00	0.02	0.04	4.60	0.90	6.62	923.00	32.26	0.01	0.03	16.50	0.21	156.97	5.00	1.00	2.20	2.00	0.01	3.83	1.20
1098450	2.32	2.40	0.05	0.03	644.00	0.03	0.05	7.90	8.60	3.55	2098.00	1.71	0.01	0.15	12.50	0.11	128.48	5.00	1.00	6.20	0.50	0.03	1.18	1.30
1098685	2.50	2.00	0.05	0.07	54.00	0.02	0.15	12.30	8.60	2.14	320.00	1.93	0.01	0.42	25.30	0.08	23.03	5.00	1.00	11.10	0.50	0.04	0.54	3.50
1098686	2.02	2.20	0.05	0.09	89.00	0.02	0.12	10.00	9.10	1.52	251.00	0.96	0.01	0.33	19.00	0.07	19.57	5.00	1.00	9.40	2.00	0.06	0.43	2.40
1098687	2.32	2.60	0.05	0.09	94.00	0.04	0.13	15.00	11.70	0.51	200.00	0.87	0.00	0.37	23.70	0.07	15.33	5.00	1.00	11.90	0.50	0.08	0.43	3.50
1098688	2.39	3.50	0.05	0.09	58.00	0.03	0.10	19.10	22.60	1.98	276.00	0.79	0.01	0.26	26.10	0.07	19.69	5.00	1.00	9.60	0.50	0.04	0.42	5.30
1098689	2.65	3.80	0.05	0.11	47.00	0.04	0.11	19.80	22.30	1.80	261.00	0.75	0.01	0.26	29.20	0.07	15.54	5.00	1.00	9.90	1.00	0.03	0.35	6.20
1098690	2.50	3.10	0.05	0.14	32.00	0.01	0.10	19.10	18.70	0.88	209.00	0.63	0.00	0.34	28.70	0.06	13.97	13.00	2.00	9.40	0.50	0.05	0.31	6.30
1098691	2.53	3.30	0.05	0.09	62.00	0.03	0.11	15.80	21.20	2.02	232.00	0.69	0.01	0.25	28.70	0.07	21.22	5.00	1.00	8.40	0.50	0.01	0.67	5.00
1098692	2.00	4.20	0.05	0.09	53.00	0.02	0.07	15.70	29.80	1.21	325.00	0.38	0.00	0.32	23.40	0.07	16.22	5.00	1.00	6.80	0.50	0.08	0.25	3.50
1098693	2.39	4.00	0.05	0.08	57.00	0.03	0.05	15.80	25.60	0.74	267.00	0.42	0.00	0.37	27.20	0.06	23.24	5.00	1.00	6.10	0.50	0.07	0.44	3.00
1098694	2.83	6.10	0.05	0.20	42.00	0.03	0.08	19.70	53.20	1.38	249.00	0.21	0.00	0.32	44.60	0.05	22.15	5.00	1.00	7.60	0.50	0.05	0.29	6.20
1098695	2.15	3.60	0.05	0.10	74.00	0.03	0.06	10.50	28.40	0.79	444.00	0.63	0.00	0.30	30.60	0.07	19.76	5.00	1.00	6.10	0.50	0.12	0.55	3.50
1098696	0.86	0.60	0.05	0.01	15.00	0.01	0.07	4.60	1.50	5.06	86.00	1.82	0.01	0.12	16.40	0.04	7.01	5.00	1.00	3.30	0.50	0.01	0.43	1.20
1098697	0.66	0.70	0.05	0.03	28.00	0.01	0.04	7.70	2.80	9.43	93.00	1.28	0.01	0.13	18.10	0.07	5.40	5.00	1.00	3.10	2.00	0.01	0.35	1.20
1098698	1.39	1.20	0.05	0.05	47.00	0.01	0.06	10.00	3.80	7.54	269.00	3.35	0.01	0.17	35.20	0.08	12.34	5.00	1.00	4.50	2.00	0.01	0.66	2.40
1098699	3.36	5.50	0.05	0.05	31.00	0.05	0.11	17.50	16.50	0.52	507.00	1.66	0.00	0.45	31.50	0.06	23.76	5.00	1.00	14.00	0.50	0.02	0.74	3.20
1098700	3.45	4.10	0.05	0.09	52.00	0.04	0.18	28.00	13.10	0.62	614.00	1.61	0.01	0.47	36.90	0.10	22.81	5.00	1.00	16.30	0.50	0.03	0.53	5.80
1098843	3.27	4.20	0.05	0.01	37.00	0.03	0.11	6.70	3.20	0.15	214.00	0.93	0.00	0.43	15.20	0.07	19.10	5.00	1.00	18.30	0.50	0.04	0.69	1.80
1098844	2.90	2.70	0.05	0.09	434.00	0.03	0.16	15.40	11.80	0.40	468.00	2.61	0.01	0.35	34.10	0.16	40.08	5.00	1.00	19.70	0.50	0.08	0.92	6.10
1098845	2.17	1.50	0.05	0.06	82.00	0.01	0.11	9.40	4.60	3.68	264.00	2.98	0.01	0.22	19.20	0.13	19.26	5.00	1.00	8.70	0.50	0.05	0.69	3.50
1098846	3.16	3.00	0.05	0.07	47.00	0.04	0.17	16.70	7.20	0.39	498.00	2.79	0.00	0.40	24.20	0.09	33.24	5.00	1.00	11.70	0.50	0.06	0.68	4.60
1098847	1.93	2.50	0.05	0.04	45.00	0.03	0.07	11.30	7.70	3.87	471.00	2.04	0.01	0.43	15.30	0.09	17.37	5.00	1.00	7.20	0.50	0.03	0.50	2.30
1098848	2.56	3.30	0.05	0.02	64.00	0.03	0.07	17.80	8.90	1.17	462.00	2.96	0.01	0.54	25.40	0.12	24.34	5.00	1.00	8.50	1.00	0.10	0.88	1.80
1098849	1.87	2.60	0.05	0.03	61.00	0.03	0.08	11.30	7.40	2.02	469.00	2.00	0.01	0.53	15.60	0.15	12.39	5.00	1.00	7.30	0.50	0.13	0.48	1.30
1098850	3.60	1.60	0.05	0.04	101.00	0.03	0.12	15.90	2.80	1.74	432.00	11.04	0.00	0.19	40.60	0.14	35.16	5.00	1.00	7.70	2.00	0.08	1.49	6.10
1098851	2.88	3.20	0.05	0.07	69.00	0.04	0.11	15.70	6.60	0.81	561.00	6.91	0.00	0.41	26.80	0.14	23.59	5.00	1.00	9.80	1.00	0.11	1.04	2.80
1098852	2.13	2.20	0.05	0.06	31.00	0.02	0.14	13.00	5.20	4.37	378.00	5.94	0.01	0.26	23.70	0.15	14.72	5.00	1.00	11.40	0.50	0.03	0.89	3.20
1098853	2.74	2.50	0.05	0.04	26.00	0.03	0.21	18.90	5.30	0.99	437.00	4.51	0.00	0.36	28.90	0.10	15.93							

Sample No.	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Ti_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zn_pct	Zr_ppm
1098427	1.40	1.70	57.40	0.03	0.01	3.20	0.01	0.14	2.70	26.00	0.05	13.64	117.80		3.9
1098428	0.40	0.90	55.60	0.03	0.02	4.00	0.01	0.11	3.80	23.00	0.05	14.77	95.50		6.2
1098429	0.60	0.70	46.50	0.03	0.03	4.70	0.00	0.12	2.90	22.00	0.05	15.25	97.60		4.3
1098430	0.80	1.30	42.00	0.03	0.01	3.80	0.00	0.10	3.10	21.00	0.05	13.91	94.90		4.3
1098431	0.40	0.60	74.90	0.03	0.02	0.70	0.00	0.45	3.60	29.00	0.05	17.61	130.70		2.1
1098432	0.20	2.10	66.20	0.03	0.09	2.00	0.01	0.74	4.50	40.00	0.05	19.90	188.00		4.5
1098433	0.10	0.90	74.60	0.03	0.09	1.80	0.01	0.49	3.00	23.00	0.05	9.98	99.60		4.4
1098434	1.00	2.40	37.70	0.03	0.01	0.60	0.00	0.48	23.70	55.00	0.05	13.37	93.30		3.1
1098435	1.00	2.30	38.40	0.03	0.01	3.50	0.00	0.50	4.80	35.00	0.05	17.54	163.80		4.7
1098436	1.10	2.00	61.30	0.03	0.01	2.80	0.00	0.57	4.40	36.00	0.05	14.23	183.50		2.7
1098437	0.70	1.30	86.40	0.03	0.01	0.80	0.00	0.27	3.70	31.00	0.05	13.72	107.10		2.4
1098438	0.40	2.80	52.90	0.03	0.01	1.20	0.01	0.29	6.40	36.00	0.05	11.70	67.00		1.8
1098439	0.40	1.50	209.60	0.03	0.05	2.50	0.00	0.29	1.00	16.00	0.05	14.29	101.10		4.6
1098440	0.30	2.20	262.00	0.03	0.03	1.80	0.01	0.22	1.50	21.00	0.05	10.35	67.90		2.5
1098441	0.20	1.00	82.20	0.03	0.01	1.90	0.00	0.18	0.80	22.00	0.05	15.12	78.40		3.8
1098442	0.20	1.30	261.20	0.03	0.01	1.70	0.00	0.16	0.60	17.00	0.05	12.43	75.70		3.5
1098443	0.30	1.50	47.70	0.03	0.03	1.30	0.01	0.22	2.00	43.00	0.05	14.16	98.90		1.8
1098444	0.30	1.90	48.30	0.03	0.03	0.80	0.01	0.17	2.20	31.00	0.05	11.67	82.50		1.3
1098445	0.40	1.40	154.50	0.03	0.01	2.20	0.00	0.34	5.50	30.00	0.05	12.21	72.30		2.2
1098446	0.20	2.10	22.00	0.03	0.03	2.50	0.01	0.10	0.90	16.00	0.05	12.87	49.50		2
1098447	0.20	1.80	17.20	0.03	0.01	4.10	0.01	0.12	0.50	16.00	0.05	11.53	56.00		2.3
1098448	0.20	1.60	28.20	0.03	0.01	0.90	0.01	0.37	0.80	20.00	0.05	8.88	548.10		1.3
1098449	0.60	1.70	1638.60	0.03	0.03	1.40	0.00	4.92	7.70	9.00	0.10	8.62	641.60		1.4
1098450	0.40	1.80	37.20	0.03	0.03	0.60	0.01	0.74	1.40	21.00	0.05	7.66	1603.00		0.6
1098685	0.10	0.50	52.50	0.03	0.01	2.30	0.01	0.25	1.30	24.00	0.05	10.72	342.00		3.3
1098686	0.30	1.00	42.30	0.03	0.03	1.30	0.00	0.17	1.10	20.00	0.05	10.56	110.50		2.5
1098687	1.20	0.60	58.70	0.03	0.04	1.40	0.00	0.21	3.00	23.00	0.05	13.86	101.70		3.5
1098688	0.70	1.10	48.20	0.03	0.03	3.50	0.01	0.14	1.30	23.00	0.05	15.27	93.10		3.6
1098689	0.60	0.80	53.20	0.03	0.01	3.90	0.01	0.15	1.10	24.00	0.05	17.18	97.00		4.1
1098690	0.50	1.20	37.00	0.03	0.02	3.60	0.00	0.14	1.50	18.00	0.05	20.66	91.30		5.2
1098691	0.20	0.50	67.70	0.03	0.01	4.50	0.01	0.14	1.10	20.00	0.05	14.02	133.20		3.8
1098692	0.70	0.80	100.30	0.03	0.01	1.60	0.00	0.08	4.40	18.00	0.05	14.42	75.50		3.7
1098693	0.30	0.50	101.50	0.03	0.02	1.50	0.00	0.06	5.70	18.00	0.05	13.11	85.10		2.4
1098694	0.10	0.70	61.80	0.03	0.01	4.80	0.00	0.08	2.40	18.00	0.05	21.75	119.70		7.8
1098695	0.90	0.60	102.60	0.03	0.01	1.80	0.00	0.09	18.00	14.00	0.05	15.87	145.50		5
1098696	0.20	1.10	96.50	0.03	0.01	1.20	0.00	0.33	3.60	11.00	0.05	5.87	30.40		1.6
1098697	0.20	0.20	89.00	0.03	0.01	1.10	0.00	0.29	3.30	15.00	0.05	10.53	41.90		2
1098698	0.40	0.70	85.40	0.03	0.06	1.70	0.00	0.45	3.50	27.00	0.05	13.45	92.30		2.5
1098699	0.30	0.70	22.50	0.03	0.05	1.80	0.01	0.28	1.20	47.00	0.10	9.16	98.50		1.2
1098700	0.20	1.00	45.30	0.03	0.03	4.30	0.01	0.29	1.50	37.00	0.05	17.62	103.70		3.6
1098843	0.20	1.00	14.70	0.03	0.05	1.60	0.01	0.20	0.60	33.00	0.05	2.72	72.80		0.4
1098844	0.20	2.20	46.40	0.03	0.06	3.50	0.01	0.34	4.90	25.00	0.05	44.49	136.20		3.2
1098845	0.50	0.30	80.30	0.03	0.05	1.50	0.00	0.50	2.90	27.00	0.05	11.85	58.50		2.1
1098846	0.40	0.80	40.20	0.03	0.04	2.00	0.00	0.36	2.70	38.00	0.05	15.09	155.50		2
1098847	0.20	0.90	50.80	0.03	0.01	1.00	0.01	0.21	2.50	37.00	0.10	9.90	62.70		1.1
1098848	0.40	0.90	30.00	0.03	0.10	0.60	0.01	0.33	4.10	68.00	0.05	16.58	83.70		0.9
1098849	0.30	0.50	43.50	0.03	0.01	0.40	0.01	0.20	3.60	41.00	0.05	10.75	100.40		1.1
1098850	0.50	0.70	38.80	0.03	0.03	2.30	0.00	0.62	3.80	34.00	0.05	14.03	137.40		1.5
1098851	0.20	0.60	32.30	0.03	0.03	1.00	0.00	0.50	6.80	61.00	0.05	14.69	83.80		1.8
1098852	0.20	0.80	69.20	0.03	0.05	1.60	0.00	0.36	5.40	47.00	0.05	12.58	62.90		1.9
1098853	0.20	0.70	79.90	0.03	0.03	1.30	0.00	0.32	2.50	36.00	0.05	13.25	91.70		2.4
1098854	0.40	0.60	39.10	0.03	0.03	1.60	0.00	0.38	3.00	28.00	0.05	14.86	92.60		2
1098855	0.20	0.40	53.00	0.03	0.03	0.70	0.00	0.31	7.50	50.00	0.05	14.76	74.90		1.2
1098856	0.30	0.60	87.10	0.03	0.02	1.30	0.00	0.24	2.00	26.00	0.05	15.22	67.10		2.4
1098857	0.60	0.80	103.50	0.03	0.07	1.50	0.00	0.19	1.60	24.00	0.05	16.29	96.70		2.8
1098858	0.60	1.70	190.90	0.03	0.07	1.10	0.00	0.19	0.70	16.00	0.05	14.18	91.20		2.8
1098859	0.80	0.90	60.50	0.03	0.08	2.70	0.00	0.27	5.50	40.00	0.05	13.49	93.50		2.7
1098860	0.70	0.30	51.30	0.03	0.07	0.60	0.01	0.56	4.70	39.00	0.05	16.61	60.20		1.5

Scarlet West Property (Car & Lin Claims) - 2011 Soil Sample Locations and Analytical Results																						
Sample No.	Sampler	Sample Date	grid_type	north	east	elevation	lab_ref_number	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm
1098861	CM	16/08/2011	UTM83-8	7128155	593597	1343	WHI11001191	95.00	1.34	28.60	0.60	5.00	113.70	1.10	0.23	5.47	0.56	35.30	10.60	18.10	1.60	26.80
1098862	CM	16/08/2011	UTM83-8	7128102	593602	1335	WHI11001191	67.00	0.41	11.70	0.50	3.00	46.20	0.30	0.09	10.37	0.29	13.30	4.10	9.60	0.56	9.20
1098863	CM	16/08/2011	UTM83-8	7128005	593605	1356	WHI11001191	33.00	0.49	16.50	0.30	2.00	133.60	0.50	0.08	14.22	0.36	17.60	3.70	6.10	0.93	10.74
1098864	CM	16/08/2011	UTM83-8	7127941	593600	1405	WHI11001191	25.00	0.47	15.90	0.10	1.00	189.40	0.40	0.07	15.50	0.38	16.00	3.50	5.60	0.94	9.88
1098865	CM	16/08/2011	UTM83-8	7127900	593596	1426	WHI11001191	25.00	0.41	14.70	0.10	2.00	258.20	0.30	0.06	15.86	0.33	14.70	3.10	5.60	0.77	8.76
1098866	CM	16/08/2011	UTM83-8	7127852	593593	1471	WHI11001191	43.00	0.82	17.70	0.60	3.00	98.40	0.50	0.09	14.54	0.46	19.50	3.80	8.70	1.25	11.42
1098867	CM	16/08/2011	UTM83-8	7129157	593597	1356	WHI11001191	169.00	1.19	12.90	0.80	4.00	97.60	0.90	0.19	0.87	0.94	45.80	11.80	38.30	1.11	22.94
1098868	CM	16/08/2011	UTM83-8	7129202	593593	1313	WHI11001191	105.00	1.48	9.70	3.80	3.00	174.80	0.90	0.22	0.84	0.44	57.30	11.90	38.20	4.41	22.18
1098869	CM	16/08/2011	UTM83-8	7129254	593603	1284	WHI11001191	62.00	1.05	3.60	1.70	6.00	411.50	0.50	0.26	1.16	0.39	53.80	10.70	31.80	1.75	24.25
1098870	CM	16/08/2011	UTM83-8	7129354	593609	1279	WHI11001191	41.00	1.98	3.70	0.90	5.00	441.00	1.10	0.25	0.94	0.22	47.40	11.00	43.20	1.23	33.91
1098871	CM	16/08/2011	UTM83-8	7129404	593600	1288	WHI11001191	62.00	1.87	4.30	1.30	2.00	793.10	0.60	0.22	1.20	0.33	40.10	7.30	36.80	3.26	7.11
1098872	CM	16/08/2011	UTM83-8	7129450	593597	1309	WHI11001191	58.00	1.38	8.40	0.80	2.00	354.60	0.60	0.32	0.89	0.25	38.30	11.10	30.20	2.70	52.48
1098873	CM	16/08/2011	UTM83-8	7129501	593604	1321	WHI11001191	85.00	1.69	5.70	2.20	3.00	181.00	0.70	0.24	1.14	0.33	42.30	9.40	43.20	1.45	22.77
1098874	CM	16/08/2011	UTM83-8	7129551	593593	1310	WHI11001191	169.00	1.51	15.60	3.70	5.00	110.60	0.70	0.26	1.34	0.95	52.40	11.20	44.10	3.22	36.36
1098875	CM	16/08/2011	UTM83-8	7129600	593598	1277	WHI11001191	179.00	1.56	9.90	2.40	5.00	172.70	0.60	0.33	2.88	0.40	43.10	15.00	39.50	2.17	43.80
1098876	CM	16/08/2011	UTM83-8	7129647	593598	1235	WHI11001191	137.00	1.83	7.40	2.30	5.00	117.00	0.90	0.35	1.32	0.32	41.80	16.90	45.60	3.60	42.47
1098877	CM	16/08/2011	UTM83-8	7129700	593596	1203	WHI11001191	93.00	1.75	7.30	1.20	4.00	100.10	1.00	0.31	0.99	0.45	44.10	12.10	46.40	2.62	32.89
1098878	CM	17/08/2011	UTM83-8	7127805	594346	1414	WHI11001192	73.00	0.23	17.00	1.40	2.00	41.00	0.30	0.06	13.13	0.44	10.40	4.10	7.20	0.84	9.36
1098879	CM	17/08/2011	UTM83-8	7127853	594351	1430	WHI11001192	201.00	0.26	17.80	1.20	4.00	35.40	0.30	0.04	12.38	0.39	10.50	2.90	12.10	1.10	9.12
1098880	CM	17/08/2011	UTM83-8	7127948	594347	1448	WHI11001192	112.00	0.86	11.40	1.00	3.00	60.00	0.40	0.09	9.14	1.51	15.20	5.00	26.50	0.37	10.97
1098881	CM	17/08/2011	UTM83-8	7128000	594350	1469	WHI11001192	71.00	1.20	16.20	2.00	4.00	80.60	0.60	0.11	8.46	0.39	19.50	4.80	27.10	0.77	10.23
1098882	CM	17/08/2011	UTM83-8	7128052	594352	1494	WHI11001192	85.00	1.15	19.90	2.50	3.00	101.50	0.60	0.17	4.68	0.53	23.70	7.50	22.70	0.77	17.49
1098883	CM	17/08/2011	UTM83-8	7128143	594352	1522	WHI11001192	48.00	0.45	8.50	0.70	7.00	40.00	0.30	0.09	10.55	0.36	9.00	2.40	9.00	0.30	7.56
1098884	CM	17/08/2011	UTM83-8	7128195	594345	1537	WHI11001192	59.00	0.80	20.50	1.40	3.00	51.90	0.30	0.09	9.67	0.41	14.40	5.30	17.10	0.47	12.24
1098885	CM	17/08/2011	UTM83-8	7128243	594349	1551	WHI11001192	17.00	0.29	10.40	1.30	2.00	25.50	0.30	0.03	13.77	0.35	8.80	2.50	5.00	0.50	10.82
1098886	CM	17/08/2011	UTM83-8	7128300	594350	1566	WHI11001192	108.00	0.55	17.30	1.40	9.00	157.70	0.80	0.12	4.63	0.11	33.10	13.10	18.30	1.24	26.68
1098887	CM	17/08/2011	UTM83-8	7128347	594351	1560	WHI11001192	145.00	0.78	19.50	1.00	9.00	256.50	1.00	0.15	1.31	0.24	34.50	15.70	19.50	1.25	31.72
1098888	CM	17/08/2011	UTM83-8	7128406	594353	1547	WHI11001192	119.00	0.82	67.70	1.70	4.00	79.80	0.70	0.13	8.34	0.41	23.50	12.70	16.20	1.22	26.79
1098889	CM	17/08/2011	UTM83-8	7128450	594348	1540	WHI11001192	105.00	0.84	14.60	1.00	11.00	197.50	1.20	0.18	2.42	0.22	26.50	11.50	17.80	1.67	20.16
1098890	CM	17/08/2011	UTM83-8	7128502	594354	1521	WHI11001192	136.00	0.69	26.60	2.10	8.00	104.90	0.70	0.11	8.24	0.34	23.30	8.60	14.80	1.41	18.91
1098891	CM	17/08/2011	UTM83-8	7128553	594349	1530	WHI11001192	15.00	0.38	2.60	0.50	7.00	104.70	0.50	0.05	17.99	0.04	19.00	5.20	9.20	0.88	7.36
1098892	CM	17/08/2011	UTM83-8	7128602	594350	1533	WHI11001192	20.00	0.40	2.40	0.30	8.00	102.50	0.70	0.07	17.66	0.03	20.20	7.20	9.30	1.15	9.19
1098893	CM	17/08/2011	UTM83-8	7128654	594350	1524	WHI11001192	26.00	0.61	2.90	1.60	8.00	98.90	0.80	0.09	12.93	0.05	22.40	8.50	11.20	1.24	10.90
1098894	CM	17/08/2011	UTM83-8	7128703	594352	1517	WHI11001192	34.00	0.76	3.10	1.10	12.00	171.20	1.20	0.13	5.35	0.06	31.60	11.10	15.30	1.61	14.36
1098895	CM	17/08/2011	UTM83-8	7128751	594350	1499	WHI11001192	270.00	0.70	5.60	1.90	8.00	183.70	1.00	0.24	1.25	0.41	20.30	10.90	17.20	2.59	26.95
1098896	CM	17/08/2011	UTM83-8	7128800	594349	1482	WHI11001192	258.00	0.94	4.40	2.00	9.00	183.00	1.30	0.20	1.27	0.67	33.50	11.50	19.90	1.78	24.49
1098897	CM	17/08/2011	UTM83-8	7128850	594347	1455	WHI11001192	159.00	0.80	4.50	1.70	7.00	142.40	0.80	0.18	1.02	0.42	28.90	9.00	18.10	1.29	18.86
1098898	CM	17/08/2011	UTM83-8	7128903	594349	1423	WHI11001192	144.00	1.06	4.90	0.50	5.00	228.70	0.80	0.24	0.70	0.17	28.40	8.90	19.90	2.16	19.47
1098899	CM	17/08/2011	UTM83-8	7128951	594347	1393	WHI11001192	88.00	0.92	4.00	1.30	9.00	193.40	0.70	0.22	0.83	0.14	21.00	8.90	16.90	2.01	17.49
1098900	CM	17/08/2011	UTM83-8	7129002	594349	1366	WHI11001192	122.00	1.15	4.20	2.30	6.00	178.60	0.90	0.22	1.05	0.13	35.00	8.50	22.00	1.92	22.07
1098951	BI	17/08/2011	UTM83-8	7129653	594598	1350	WHI11001192	93.00	0.49	16.50	0.10	3.00	70.80	0.60	0.31	0.08	0.24	14.30	9.70	13.50	8.33	20.74
1098952	BI	17/08/2011	UTM83-8	7129601	594597	1366	WHI11001192	262.00	0.83	15.10	0.10	2.00	34.70	0.20	0.33	0.02	0.08	24.50	7.30	16.10	5.89	16.91
1098953	BI	17/08/2011	UTM83-8	7129553	594598	1359	WHI11001192	465.00	0.97	14.40	0.10	3.00	46.70	0.70	0.23	0.13	0.28	18.10	9.60	15.60	10.30	19.56
1098954	BI	17/08/2011	UTM83-8	7129502	594596	1355	WHI11001192	354.00	0.84	15.90	0.10	9.00	81.70	1.40	0.33	0.53	0.19	39.40	22.90	29.20	45.71	29.88
1098955	BI	17/08/2011	UTM83-8	7129401	594600	1335	WHI11001192	117.00	0.97	17.10	0.20	4.00	449.40	1.30	0.25	1.60	0.24	23.90	9.20	33.00	2.54	31.23
1098956	BI	17/08/2011	UTM83-8	7129350	594594	1330	WHI11001192	71.00	1.43	11.30	0.20	4.00	374.10	1.00	0.16	1.15	0.42	36.70	11.20	42.80	1.74	18.65
1098957	BI	17/08/2011	UTM83-8	7129303	594599	1329	WHI11001192	90.00	1.22	17.40	3.00	6.00	151.70	1.30	0.20	1.15	0.38	50.30	12.50	45.50	2.98	32.11
1098958	BI	17/08/2011	UTM83-8	7129256	594595	1331	WHI11001192	51.00	1.16	11.30	0.10	3.00	102.40	0.50	0.24	0.33	0.41	23.80	12.60	25.90	1.75	16.42
1098959	BI	17/08/2011	UTM83-8	7129151	594600	1326	WHI11001192	273.00	0.88	15.20	1.70	5.00	104.00	0.90	0.21	1.84	0.18	16.40	8.80	16.90	3.54	23.61
1098960	BI	17/08/2011	UTM83-8	7129104	594598	1332	WHI11001192	238.00	1.44	9.50	0.10	4.00	198.20	1.30	0.28	0.89	0.29	24.10	10.20	23.40	1.64	29.51
1098961	BI	17/08/2011	UTM83-8	712904																		

Sample No.	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppb	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppb	S_pct	Sb_ppm	Sc_ppm
1098861	2.25	3.40	0.05	0.16	72.00	0.03	0.10	21.20	8.60	2.74	594.00	2.50	0.01	0.71	37.70	0.15	17.49	5.00	1.00	9.10	0.50	0.13	1.00	2.00
1098862	0.95	1.00	0.05	0.05	26.00	0.01	0.04	8.70	3.60	7.64	211.00	1.15	0.01	0.17	13.60	0.09	7.70	5.00	1.00	3.00	1.00	0.05	0.48	1.10
1098863	0.82	1.00	0.05	0.05	52.00	0.01	0.05	12.20	4.70	9.32	251.00	0.85	0.01	0.29	21.90	0.07	7.68	5.00	1.00	3.80	2.00	0.03	0.45	1.80
1098864	0.75	1.00	0.05	0.10	46.00	0.01	0.05	11.30	4.60	8.61	264.00	0.78	0.01	0.16	20.80	0.05	9.04	5.00	1.00	3.60	0.50	0.04	0.39	1.70
1098865	0.67	0.90	0.05	0.06	41.00	0.01	0.04	10.50	3.80	9.01	266.00	0.72	0.01	0.16	18.70	0.06	7.66	5.00	1.00	3.10	0.50	0.04	0.42	1.50
1098866	0.90	1.20	0.05	0.05	57.00	0.01	0.06	12.90	6.90	8.66	213.00	1.19	0.01	0.25	29.60	0.15	16.28	5.00	1.00	4.80	2.00	0.04	0.46	1.80
1098867	2.88	3.60	0.05	0.09	146.00	0.04	0.09	21.30	23.40	0.91	536.00	1.31	0.00	0.31	25.60	0.04	61.09	5.00	1.00	10.10	0.50	0.04	0.90	6.00
1098868	2.62	4.60	0.05	0.11	50.00	0.02	0.11	27.30	33.50	1.32	311.00	0.62	0.01	0.38	25.90	0.04	36.83	5.00	1.00	13.60	0.50	0.04	0.47	6.50
1098869	2.91	2.80	0.05	0.09	54.00	0.01	0.13	24.60	16.40	0.71	886.00	0.80	0.00	0.19	26.20	0.04	27.53	5.00	1.00	13.50	0.50	0.04	0.40	5.80
1098870	2.73	5.70	0.05	0.14	27.00	0.03	0.13	24.00	37.10	1.60	280.00	0.54	0.01	0.38	29.70	0.05	15.95	5.00	1.00	15.20	1.00	0.04	0.29	6.10
1098871	2.35	6.20	0.05	0.05	22.00	0.04	0.09	19.70	25.40	0.85	280.00	0.93	0.01	0.79	17.80	0.05	14.26	5.00	1.00	20.70	0.50	0.05	0.54	2.90
1098872	2.62	4.30	0.05	0.05	69.00	0.04	0.07	19.20	19.90	0.67	570.00	0.88	0.01	0.60	21.80	0.09	17.90	5.00	1.00	14.60	0.50	0.07	0.62	3.70
1098873	2.32	5.40	0.05	0.09	69.00	0.04	0.07	20.60	32.90	1.57	462.00	0.60	0.01	0.50	22.80	0.08	14.43	5.00	1.00	10.60	0.50	0.08	0.31	3.00
1098874	2.76	4.60	0.05	0.13	130.00	0.04	0.12	27.00	38.20	1.76	444.00	0.92	0.01	0.23	28.20	0.08	64.25	5.00	1.00	11.80	0.50	0.04	0.40	6.30
1098875	2.82	4.70	0.05	0.22	87.00	0.04	0.10	21.10	33.70	1.14	465.00	0.70	0.01	0.28	40.00	0.09	53.43	5.00	1.00	8.40	0.50	0.07	0.47	4.70
1098876	3.06	5.50	0.05	0.26	67.00	0.05	0.12	21.60	44.10	1.43	273.00	0.51	0.00	0.29	46.90	0.08	53.75	5.00	1.00	9.60	0.50	0.06	0.49	5.30
1098877	3.05	5.30	0.05	0.21	52.00	0.05	0.10	23.80	40.60	1.25	301.00	0.36	0.00	0.28	44.40	0.08	46.26	5.00	1.00	9.30	1.00	0.06	0.45	5.60
1098878	0.73	0.50	0.05	0.05	37.00	0.01	0.05	6.00	2.50	6.11	208.00	2.92	0.01	0.10	23.90	0.07	6.85	5.00	1.00	3.00	2.00	0.04	0.47	1.40
1098879	0.79	0.50	0.05	0.04	30.00	0.01	0.06	6.00	2.50	7.37	177.00	6.35	0.01	0.07	25.10	0.17	7.71	5.00	1.00	3.00	1.00	0.03	0.60	1.30
1098880	1.01	1.40	0.05	0.04	54.00	0.01	0.05	9.50	4.60	5.31	369.00	1.75	0.01	0.15	45.30	0.90	9.19	5.00	1.00	4.10	4.00	0.08	0.66	0.80
1098881	1.46	2.00	0.05	0.08	29.00	0.01	0.07	14.60	6.70	4.67	411.00	2.57	0.01	0.26	20.90	0.78	9.84	5.00	1.00	5.10	3.00	0.08	0.69	1.40
1098882	2.13	2.40	0.05	0.03	45.00	0.02	0.05	16.10	8.90	2.10	871.00	3.61	0.01	0.38	27.50	0.13	13.14	5.00	1.00	6.10	2.00	0.11	0.90	0.90
1098883	0.63	0.70	0.05	0.03	38.00	0.01	0.03	9.60	2.50	7.19	747.00	2.28	0.01	0.11	8.90	0.09	7.22	5.00	1.00	2.40	2.00	0.09	0.35	0.50
1098884	1.53	1.20	0.05	0.04	31.00	0.01	0.04	10.40	4.50	6.11	436.00	3.52	0.01	0.19	23.10	0.11	11.41	5.00	1.00	3.10	2.00	0.08	0.76	1.00
1098885	0.49	0.50	0.05	0.04	33.00	0.01	0.02	7.90	2.70	8.98	461.00	1.27	0.01	0.07	28.60	0.06	4.05	5.00	1.00	2.10	2.00	0.05	0.31	0.50
1098886	3.32	1.50	0.05	0.08	38.00	0.06	0.17	15.40	5.90	2.01	476.00	2.46	0.01	0.35	32.10	0.13	25.01	5.00	1.00	7.90	0.50	0.14	0.59	6.50
1098887	3.77	2.30	0.05	0.08	65.00	0.05	0.19	17.80	8.60	0.32	283.00	2.37	0.00	0.43	34.30	0.08	26.57	5.00	1.00	11.40	3.00	0.12	0.75	6.20
1098888	3.13	1.90	0.05	0.09	68.00	0.02	0.16	13.60	7.40	5.02	279.00	6.57	0.01	0.16	38.40	0.14	24.13	5.00	1.00	7.70	2.00	0.14	1.22	4.40
1098889	3.02	2.30	0.05	0.07	70.00	0.03	0.24	12.70	7.00	0.56	247.00	3.70	0.01	0.44	31.60	0.09	20.70	5.00	1.00	15.90	6.00	0.09	0.46	3.50
1098890	1.99	1.60	0.05	0.06	59.00	0.02	0.18	11.40	6.10	4.06	357.00	7.44	0.01	0.14	28.70	0.20	17.96	5.00	1.00	8.60	2.00	0.04	0.66	3.10
1098891	1.33	1.00	0.05	0.03	23.00	0.01	0.17	8.40	3.60	0.37	194.00	0.75	0.01	0.16	12.60	0.03	5.49	5.00	1.00	8.10	0.50	0.08	0.05	1.90
1098892	1.60	1.00	0.05	0.06	25.00	0.02	0.20	9.10	4.10	0.74	226.00	0.69	0.01	0.13	15.80	0.04	7.58	5.00	1.00	9.40	2.00	0.07	0.06	2.80
1098893	1.98	1.40	0.05	0.07	22.00	0.01	0.23	10.50	4.80	0.40	224.00	0.78	0.01	0.18	20.40	0.05	8.72	5.00	1.00	11.30	0.50	0.06	0.08	2.80
1098894	2.75	1.80	0.05	0.05	45.00	0.01	0.23	15.60	6.30	0.24	344.00	1.60	0.00	0.40	28.60	0.06	14.09	5.00	1.00	13.40	0.50	0.08	0.11	2.80
1098895	2.55	2.10	0.05	0.08	31.00	0.04	0.27	8.90	7.80	0.17	133.00	3.13	0.01	0.21	30.10	0.05	23.56	5.00	1.00	15.60	0.50	0.21	0.55	3.40
1098896	2.76	2.60	0.05	0.14	49.00	0.01	0.24	16.50	8.00	0.19	309.00	1.84	0.00	0.53	31.70	0.07	19.97	5.00	1.00	15.90	3.00	0.09	0.55	3.60
1098897	2.47	2.40	0.05	0.09	41.00	0.02	0.19	14.20	5.60	0.14	318.00	1.78	0.00	0.38	25.20	0.06	20.89	5.00	1.00	14.10	3.00	0.07	0.51	2.70
1098898	2.40	3.30	0.05	0.07	38.00	0.03	0.19	12.90	10.30	0.19	281.00	1.41	0.01	0.42	21.10	0.08	21.70	5.00	1.00	17.30	0.50	0.08	0.40	2.70
1098899	2.13	2.80	0.05	0.12	22.00	0.03	0.20	9.10	8.60	0.18	163.00	1.17	0.00	0.47	21.40	0.06	19.68	5.00	1.00	16.50	1.00	0.08	0.34	2.60
1098900	2.17	3.40	0.05	0.13	63.00	0.02	0.13	20.10	15.20	0.34	364.00	0.78	0.01	0.46	20.80	0.09	18.51	5.00	1.00	15.50	0.50	0.08	0.35	3.50
1098951	2.48	2.40	0.05	0.02	17.00	0.03	0.12	4.80	3.90	0.09	239.00	1.20	0.00	0.07	21.60	0.08	70.69	5.00	1.00	9.50	3.00	0.12	1.11	1.30
1098952	3.02	5.80	0.05	0.01	29.00	0.02	0.06	10.60	3.10	0.10	157.00	1.82	0.00	0.51	17.90	0.05	31.56	5.00	1.00	10.20	0.50	0.01	1.91	1.70
1098953	2.85	3.80	0.05	0.01	64.00	0.03	0.07	5.40	6.70	0.08	372.00	1.05	0.00	0.26	21.20	0.09	36.92	5.00	1.00	10.20	2.00	0.04	1.40	1.40
1098954	3.84	2.90	0.05	0.01	66.00	0.01	0.16	14.20	7.80	0.14	431.00	1.21	0.00	0.06	36.10	0.41	52.39	5.00	1.00	19.70	2.00	0.03	2.06	2.90
1098955	2.77	2.90	0.05	0.08	94.00	0.04	0.08	13.30	7.70	0.26	563.00	0.53	0.00	0.23	27.30	0.09	22.30	5.00	1.00	8.10	0.50	0.08	0.67	3.70
1098956	2.35	4.90	0.05	0.11	76.00	0.03	0.07	15.30	33.90	1.36	351.00	0.73	0.00	0.47	25.30	0.07	67.28	5.00	1.00	9.00	0.50	0.06	0.40	4.20
1098957	3.26	3.90	0.05	0.14	119.00	0.05	0.09	23.70	24.70	0.99	559.00	0.86	0.01	0.25	29.90	0.09	25.07	5.00	1.00	12.70	0.50	0.07	0.84	8.50
1098958	2.90	4.10	0.05	0.04	219.00	0.02	0.12	9.10	19.30	0.42	456.00	1.07	0.00	0.43	18.70	0.04	29.81	5.00	1.00	13.60	1.00	0.03	0.61	2.80
1098959	2.21	2.60	0.05	0.07	364.00	0.02	0.10	8.10	9.70	0.23	236.00	1.13	0.00	0.34	21.60	0.07	22.80	5.00	1.00	10.70	0.50	0.08	0.98	2.50
1098960	3.00	4.00	0.05	0.16	320.00	0.03	0.10	13.30	14.70	0.31	511.00	1.53	0.00	0.36	27.00	0.12	39.72	5.00	1.00	13.50	0.50	0.08	0.59	3.40
1098961	3.11	3.80	0.05	0.15	1099.00	0.02	0.10	15.00	14.10	0.36	797.00	2.16	0.00	0.31	25.40	0.11	80.00	5.00	1.00					

Sample No.	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Ti_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zn_pct	Zr_ppm
1098861	0.80	0.60	36.30	0.03	0.09	1.10	0.01	0.73	4.50	43.00	0.05	22.93	94.20		5.1
1098862	0.40	0.30	54.60	0.03	0.06	0.70	0.01	0.18	2.70	23.00	0.05	9.28	44.00		1.3
1098863	0.40	0.50	62.40	0.03	0.05	1.60	0.01	0.35	2.40	19.00	0.05	13.60	60.10		3.1
1098864	0.20	1.60	64.40	0.03	0.05	1.80	0.01	0.32	2.00	16.00	0.05	13.03	56.00		5.4
1098865	0.20	0.70	66.90	0.03	0.04	1.50	0.01	0.30	2.20	15.00	0.05	11.80	51.00		3.5
1098866	0.20	6.30	82.50	0.03	0.05	1.70	0.01	0.40	6.80	26.00	0.05	15.16	81.10		3.4
1098867	1.30	1.80	57.40	0.03	0.05	5.60	0.00	0.16	2.40	29.00	0.05	10.79	179.60		4.4
1098868	1.10	0.80	33.50	0.03	0.04	6.20	0.01	0.13	1.10	30.00	0.05	13.88	123.40		3.6
1098869	0.70	6.00	41.70	0.03	0.03	4.80	0.01	0.12	1.40	21.00	0.05	10.23	91.40		2.8
1098870	0.40	0.80	41.70	0.03	0.01	4.40	0.01	0.14	1.00	28.00	0.05	17.72	84.60		4.6
1098871	0.50	2.00	39.20	0.03	0.07	4.40	0.02	0.20	0.90	45.00	0.20	4.19	66.10		1.7
1098872	1.50	0.60	46.30	0.03	0.03	1.70	0.01	0.13	5.00	34.00	0.10	16.91	73.50		1.5
1098873	1.30	0.90	46.80	0.03	0.04	1.60	0.01	0.11	6.90	35.00	0.05	11.82	82.50		2.2
1098874	1.60	1.00	52.40	0.03	0.03	5.30	0.01	0.11	1.10	25.00	0.05	18.87	319.60		4.7
1098875	0.80	1.00	102.30	0.03	0.04	4.00	0.01	0.11	3.90	19.00	0.05	20.29	173.10		7
1098876	0.70	0.90	53.80	0.03	0.02	6.00	0.01	0.10	3.70	19.00	0.05	16.97	164.40		8.5
1098877	0.50	1.10	37.40	0.03	0.05	4.80	0.01	0.09	2.30	19.00	0.05	21.40	238.40		6.8
1098878	0.30	0.20	70.30	0.03	0.06	0.80	0.00	0.32	2.80	25.00	0.05	7.93	63.00		1.3
1098879	0.30	1.00	79.70	0.03	0.07	0.70	0.00	0.35	6.90	42.00	0.05	8.17	58.70		1.3
1098880	0.60	1.90	60.90	0.03	0.14	0.40	0.01	0.19	40.10	99.00	0.05	12.37	191.60		1.7
1098881	0.60	1.00	49.90	0.03	0.06	0.80	0.01	0.29	42.50	94.00	0.20	18.14	74.80		2.4
1098882	1.10	0.90	18.90	0.03	0.08	0.40	0.01	0.40	2.20	58.00	0.20	17.30	137.20		0.8
1098883	0.50	2.10	31.10	0.03	0.04	0.05	0.01	0.15	1.10	15.00	0.05	13.08	59.60		0.7
1098884	0.40	2.40	36.90	0.03	0.08	0.30	0.01	0.33	2.30	29.00	0.05	13.53	81.60		1
1098885	0.20	0.20	28.60	0.03	0.06	0.10	0.00	0.31	1.00	16.00	0.05	10.93	60.50		1.6
1098886	0.50	1.20	50.40	0.03	0.06	2.70	0.00	0.15	1.80	28.00	0.05	13.17	91.60		2.7
1098887	0.80	1.90	34.40	0.03	0.05	2.50	0.00	0.23	1.40	28.00	0.05	16.33	96.50		3.1
1098888	0.80	1.20	42.70	0.03	0.09	2.70	0.00	0.71	6.10	33.00	0.05	15.96	118.60		3.6
1098889	0.50	3.30	51.70	0.03	0.01	2.00	0.00	0.31	2.20	24.00	0.05	13.99	97.50		3
1098890	0.70	1.70	60.80	0.03	0.08	2.00	0.00	0.50	8.50	40.00	0.05	13.88	88.30		2.3
1098891	0.20	0.70	662.60	0.03	0.11	1.30	0.00	0.08	0.40	9.00	0.05	5.52	31.60		1.9
1098892	0.40	1.20	711.60	0.03	0.11	2.40	0.00	0.08	0.50	8.00	0.05	6.46	39.10		3.4
1098893	0.30	1.20	589.70	0.03	0.07	1.70	0.00	0.13	0.50	12.00	0.05	7.55	48.70		2.8
1098894	0.50	1.90	200.40	0.03	0.03	1.10	0.00	0.16	0.50	14.00	0.05	11.45	69.10		3.7
1098895	1.20	2.60	67.30	0.03	0.08	3.30	0.00	0.22	0.80	20.00	0.05	8.09	99.00		5
1098896	1.30	1.40	52.30	0.03	0.06	2.20	0.00	0.20	1.00	33.00	0.05	12.78	110.90		5.5
1098897	1.20	1.10	44.20	0.03	0.03	1.60	0.00	0.17	0.80	27.00	0.05	9.72	82.10		4.3
1098898	0.60	0.90	36.20	0.03	0.08	1.90	0.00	0.16	1.00	25.00	0.05	9.78	78.50		2.7
1098899	0.50	0.90	40.60	0.03	0.01	2.00	0.00	0.14	1.10	20.00	0.05	6.72	80.00		3.8
1098900	1.10	0.80	35.10	0.03	0.02	1.90	0.01	0.13	1.20	24.00	0.05	16.65	73.40		2.8
1098951	0.70	5.50	28.30	0.03	0.03	1.80	0.00	0.11	0.60	13.00	0.05	3.48	130.70		0.4
1098952	0.60	2.60	7.60	0.03	0.01	4.10	0.02	0.18	0.60	46.00	0.10	2.83	81.40		1.5
1098953	0.90	3.50	10.20	0.03	0.01	1.00	0.00	0.16	0.50	28.00	0.05	3.74	84.80		0.5
1098954	1.30	29.20	71.90	0.03	0.06	2.50	0.01	0.34	1.60	20.00	0.05	14.74	153.50		1.3
1098955	1.40	2.10	50.30	0.03	0.03	1.60	0.00	0.11	6.00	21.00	0.05	15.04	82.20		2.3
1098956	1.60	2.90	31.40	0.03	0.01	3.00	0.01	0.12	1.30	26.00	0.05	7.80	125.30		3.7
1098957	3.10	5.30	42.10	0.03	0.01	3.70	0.01	0.21	2.60	35.00	0.05	20.19	134.20		4.3
1098958	1.00	2.10	16.70	0.03	0.02	3.00	0.01	0.15	1.20	32.00	0.05	5.46	106.40		1.3
1098959	1.40	1.60	59.80	0.03	0.01	1.50	0.00	0.30	8.70	18.00	0.05	8.80	114.70		2.9
1098960	1.00	1.20	30.70	0.03	0.01	2.10	0.00	0.23	2.10	28.00	0.05	15.61	165.90		4.7
1098961	1.20	0.90	21.20	0.03	0.04	1.90	0.00	0.27	3.00	30.00	0.05	16.30	227.80		4.4
1098962	1.10	2.30	40.20	0.03	0.03	2.20	0.00	0.08	2.20	19.00	0.05	16.34	115.60		1.9
1098963	1.30	2.40	34.40	0.03	0.03	1.20	0.01	0.14	1.50	18.00	0.05	17.22	104.20		2.4
1098964	1.30	1.40	35.10	0.03	0.02	3.40	0.01	0.13	1.40	25.00	0.05	22.88	65.60		2.4
1098965	1.50	2.20	70.80	0.03	0.05	1.80	0.00	0.17	1.50	24.00	0.05	13.88	109.30		6.4
1098966	0.50	1.50	511.10	0.03	0.02	5.10	0.00	0.24	1.00	18.00	0.05	10.63	72.30		8.6
1098967	0.60	1.30	650.40	0.03	0.04	3.90	0.00	0.14	0.80	13.00	0.05	9.50	56.80		5.3
1266501	0.40	0.90	19.60	0.03	0.04	3.10	0.00	0.35	1.20	27.00	0.05	12.33	463.30		1.8

Scarlet West Property (Car & Lin Claims) - 2011 Soil Sample Locations and Analytical Results																						
Sample No.	Sampler	Sample Date	grid_type	north	east	elevation	lab_ref_number	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm
1266502	FT	27/08/2011	UTM83-8	7122905	600899	1228	WHI11001354	185.00	1.99	10.10	1.50	2.00	206.10	1.00	0.28	0.43	0.27	35.90	10.70	28.70	1.59	17.21
1266503	FT	27/08/2011	UTM83-8	7122900	600949	1224	WHI11001354	120.00	1.66	9.00	1.30	2.00	208.80	0.50	0.28	0.96	0.54	24.50	15.60	26.30	1.71	14.40
1266504	FT	27/08/2011	UTM83-8	7122900	601048	1229	WHI11001354	161.00	1.66	10.20	1.90	2.00	171.20	1.00	0.34	1.03	0.24	33.10	13.40	29.10	2.31	32.68
1266505	FT	27/08/2011	UTM83-8	7122903	601104	1228	WHI11001354	110.00	0.42	5.60	0.60	4.00	43.70	1.00	0.41	0.56	0.64	43.10	10.30	8.10	1.35	24.78
1266506	FT	27/08/2011	UTM83-8	7122903	601152	1211	WHI11001354	67.00	1.85	8.10	0.80	2.00	137.00	0.50	0.26	0.59	0.16	28.60	10.30	31.30	1.24	14.32
1266507	FT	27/08/2011	UTM83-8	7122898	601200	1197	WHI11001354	144.00	0.77	7.70	8.00	6.00	111.20	0.90	0.22	1.19	0.22	46.60	10.50	16.40	1.67	24.84
1266508	FT	27/08/2011	UTM83-8	7122898	601301	1134	WHI11001354	88.00	2.16	5.20	7.00	8.00	112.30	1.20	0.20	1.69	0.20	47.10	9.80	40.70	1.23	33.65
1266509	FT	27/08/2011	UTM83-8	7122896	601347	1131	WHI11001354	44.00	2.51	6.40	2.10	7.00	327.50	1.30	0.21	1.03	0.15	55.10	11.00	50.90	1.22	42.53
1266510	FT	27/08/2011	UTM83-8	7122890	601402	1119	WHI11001354	32.00	2.41	6.00	5.90	5.00	132.40	1.30	0.29	0.76	0.38	55.30	10.30	50.60	1.15	23.57
1266511	FT	27/08/2011	UTM83-8	7122899	601452	1108	WHI11001354	28.00	2.88	1.50	3.80	2.00	149.60	1.00	0.32	0.08	0.19	8.00	12.70	40.20	2.02	7.01
1266512	FT	27/08/2011	UTM83-8	7122907	601502	1093	WHI11001354	134.00	2.25	16.00	1.60	2.00	83.70	0.70	0.40	0.04	0.17	16.00	15.70	36.90	4.27	15.02
1266513	FT	28/08/2011	UTM83-8	7128006	592602	1475	WHI11001355	23.00	0.07	3.90	0.40	2.00	14.50	0.10	0.02	16.03	0.12	4.90	1.70	5.10	0.23	3.84
1266514	FT	28/08/2011	UTM83-8	7128046	592599	1458	WHI11001355	15.00	0.07	6.60	0.60	2.00	16.10	0.10	0.02	15.55	0.09	3.90	1.60	4.10	0.17	3.30
1266515	FT	28/08/2011	UTM83-8	7128098	592608	1428	WHI11001355	22.00	0.14	8.30	0.30	2.00	29.20	0.20	0.04	13.79	0.17	5.50	3.00	3.70	0.29	6.35
1266516	FT	28/08/2011	UTM83-8	7128149	592597	1402	WHI11001355	21.00	0.20	21.00	0.80	3.00	25.40	0.20	0.06	14.95	0.20	8.40	3.60	5.20	0.72	8.12
1266517	FT	28/08/2011	UTM83-8	7128199	592601	1401	WHI11001355	50.00	0.80	12.90	0.60	5.00	65.70	0.40	0.15	9.83	0.60	19.10	6.10	12.00	1.08	12.64
1266518	FT	28/08/2011	UTM83-8	7128305	592605	1396	WHI11001355	15.00	0.18	2.80	2.10	5.00	23.50	0.10	0.08	12.50	0.15	6.20	1.40	4.10	0.22	3.25
1266519	FT	28/08/2011	UTM83-8	7128347	592600	1381	WHI11001355	17.00	0.13	2.40	0.90	4.00	18.50	0.10	0.05	13.53	0.11	5.30	1.30	7.30	0.16	2.69
1266520	FT	28/08/2011	UTM83-8	7128399	592598	1360	WHI11001355	10.00	0.08	3.20	0.90	4.00	14.80	0.05	0.05	16.01	0.11	3.70	1.10	3.60	0.14	2.23
1266521	FT	28/08/2011	UTM83-8	7128446	592593	1329	WHI11001355	17.00	0.18	15.90	0.60	3.00	22.50	0.20	0.06	12.45	0.12	9.90	1.80	6.00	0.38	4.39
1266522	FT	28/08/2011	UTM83-8	7128509	592604	1327	WHI11001355	24.00	0.18	4.30	0.40	3.00	40.90	0.20	0.04	14.40	0.13	4.80	2.00	4.50	0.24	3.85
1266523	FT	28/08/2011	UTM83-8	7128551	592602	1326	WHI11001355	22.00	0.15	2.60	0.40	3.00	34.40	0.10	0.04	15.55	0.12	5.10	1.50	4.70	0.19	3.02
1266524	FT	28/08/2011	UTM83-8	7128661	592604	1285	WHI11001355	251.00	0.02	14.60	0.20	1.00	7.40	0.30	0.09	8.64	0.11	2.20	1.80	1.10	0.03	2.39
1266525	FT	28/08/2011	UTM83-8	7128701	592602	1268	WHI11001355	241.00	0.91	12.60	1.30	3.00	105.90	0.50	0.16	5.21	1.05	12.80	5.80	12.60	0.73	8.69
1266526	FT	28/08/2011	UTM83-8	7128751	592600	1238	WHI11001355	190.00	1.08	23.20	1.80	5.00	129.80	1.00	0.35	1.56	1.39	18.90	10.90	18.10	1.39	21.31
1266527	FT	28/08/2011	UTM83-8	7128809	592592	1240	WHI11001355	141.00	0.79	18.70	1.50	4.00	87.70	0.80	0.27	3.87	0.87	12.00	8.30	12.70	1.26	18.17
1266528	FT	28/08/2011	UTM83-8	7128856	592592	1225	WHI11001355	120.00	1.43	6.90	3.30	4.00	101.20	0.80	0.17	0.95	0.27	43.60	7.80	39.80	1.23	16.07
1266529	FT	28/08/2011	UTM83-8	7129299	592596	1048	WHI11001355	126.00	1.28	7.40	2.70	5.00	322.20	0.90	0.24	1.82	0.37	34.50	10.30	26.00	1.40	28.42
1266530	FT	28/08/2011	UTM83-8	7129208	593098	1246	WHI11001355	71.00	2.05	4.10	0.50	3.00	193.10	1.10	0.18	0.37	0.36	47.60	9.00	40.40	2.23	14.61
1266531	FT	28/08/2011	UTM83-8	7129144	593092	1263	WHI11001355	56.00	1.31	5.00	3.40	5.00	128.00	1.20	0.17	1.03	0.36	43.20	8.00	41.40	1.66	22.94
1266532	FT	28/08/2011	UTM83-8	7129107	593096	1252	WHI11001355	53.00	1.70	5.30	4.00	6.00	113.60	1.40	0.21	1.35	0.26	47.00	11.80	46.40	1.89	29.29
1266533	FT	28/08/2011	UTM83-8	7129051	593095	1242	WHI11001355	152.00	1.43	10.50	3.20	3.00	91.20	1.30	0.18	0.89	0.60	49.70	10.10	46.00	1.83	27.37
1266534	FT	28/08/2011	UTM83-8	7128997	593089	1237	WHI11001355	97.00	1.62	9.10	3.60	6.00	111.90	1.40	0.18	0.96	0.34	46.70	9.40	43.10	1.33	26.23
1266535	FT	28/08/2011	UTM83-8	7128955	593094	1215	WHI11001355	108.00	1.57	10.80	3.60	5.00	81.70	1.00	0.14	4.62	0.26	34.60	9.90	42.70	2.19	25.88
1266553	AJ	27/08/2011	UTM83-8	7123501	599801	1333	WHI11001354	95.00	1.18	12.20	5.50	2.00	93.50	0.80	0.38	0.05	0.08	24.30	4.90	24.90	2.19	40.71
1266554	AJ	27/08/2011	UTM83-8	7123501	599848	1339	WHI11001354	23.00	1.62	14.70	1.60	2.00	55.20	0.40	0.41	0.03	0.11	16.40	14.50	33.80	3.35	16.26
1266555	AJ	27/08/2011	UTM83-8	7123502	599898	1343	WHI11001354	41.00	1.49	13.40	1.10	2.00	85.70	0.50	0.60	0.03	0.13	18.40	10.40	28.70	2.49	17.14
1266556	AJ	27/08/2011	UTM83-8	7123498	599949	1339	WHI11001354	25.00	1.34	18.50	1.40	2.00	85.50	0.40	0.57	0.04	0.10	16.00	8.40	32.10	2.62	13.55
1266557	AJ	27/08/2011	UTM83-8	7123501	600001	1333	WHI11001354	25.00	2.05	11.50	1.70	2.00	128.00	0.80	0.40	0.06	0.18	23.70	12.00	34.20	1.90	16.62
1266558	AJ	27/08/2011	UTM83-8	7123500	600049	1334	WHI11001354	63.00	1.26	10.10	1.30	2.00	271.60	0.90	0.45	0.06	0.10	23.30	12.00	25.10	3.43	16.89
1266559	AJ	27/08/2011	UTM83-8	7123500	600097	1344	WHI11001354	31.00	1.62	12.30	1.00	2.00	86.50	0.30	0.43	0.04	0.10	20.00	13.80	34.90	2.59	15.65
1266560	AJ	27/08/2011	UTM83-8	7123500	600151	1360	WHI11001354	63.00	1.68	26.70	0.70	1.00	68.60	0.90	0.58	0.03	0.16	15.30	20.50	29.50	4.21	40.47
1266561	AJ	27/08/2011	UTM83-8	7123501	600201	1372	WHI11001354	43.00	1.91	10.10	0.80	1.00	104.50	0.80	0.44	0.03	0.21	17.50	19.10	33.90	2.57	13.06
1266562	AJ	27/08/2011	UTM83-8	7123500	600248	1350	WHI11001354	45.00	1.57	9.50	1.90	2.00	102.00	1.30	0.45	0.03	0.14	13.00	21.90	31.00	3.39	33.06
1266563	AJ	27/08/2011	UTM83-8	7123499	600297	1330	WHI11001354	50.00	1.63	14.80	2.10	3.00	136.90	1.20	0.37	0.10	0.29	30.40	15.50	29.80	2.83	35.54
1266564	AJ	27/08/2011	UTM83-8	7123499	600348	1316	WHI11001354	56.00	1.26	4.10	1.10	0.50	73.60	0.50	0.39	0.02	0.08	10.00	16.30	24.60	3.08	17.71
1266565	AJ	27/08/2011	UTM83-8	7123500	600400	1296	WHI11001354	110.00	1.56	9.40	1.00	1.00	168.50	0.80	0.37	0.10	0.11	19.20	7.20	25.80	4.26	52.19
1266566	AJ	27/08/2011	UTM83-8	7123500	600447	1299	WHI11001354	83.00	1.83	10.80	0.60	2.00	150.60	0.60	0.33	0.08	0.14	30.50	9.40	28.30	2.05	18.36
1266567	AJ	27/08/2011	UTM83-8	7123499	600499	1287	WHI11001354	26.00	1.45	9.40	1.80	2.00	82.90	0.50	0.41	0.02	0.12	14.20	11.60	28.20	2.94	12.09
1266568	AJ	27/08/2011	UTM83-8	7123499	600547	1258	WHI11001354	85.00	1.44	15.60	0.40	0.50	76.40	0.70	0.40	0.04	0.29	12.80	12.60	29.10	2.04	17.18
1266569	AJ	27/08/2011	UTM83-8	7123499	600601	1235	WHI11001354	1														

Sample No.	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppb	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppb	S_pct	Sb_ppm	Sc_ppm
1266502	3.48	5.30	0.05	0.03	72.00	0.03	0.06	14.50	18.80	0.41	485.00	0.89	0.00	0.58	21.60	0.10	27.16	5.00	1.00	10.20	0.50	0.05	0.53	2.70
1266503	3.07	5.60	0.05	0.01	49.00	0.04	0.06	10.00	22.60	0.40	1801.00	0.99	0.01	0.59	19.60	0.10	29.32	5.00	1.00	15.30	0.50	0.05	0.47	2.20
1266504	3.21	4.90	0.05	0.04	122.00	0.04	0.07	12.80	28.40	0.46	780.00	0.85	0.01	0.75	31.00	0.09	29.60	5.00	1.00	11.20	0.50	0.07	0.70	3.50
1266505	3.57	1.10	0.05	0.02	61.00	0.08	0.06	9.20	3.10	0.04	199.00	0.49	0.00	0.07	17.10	0.04	31.96	5.00	1.00	5.90	0.50	0.03	0.40	4.30
1266506	2.98	6.50	0.05	0.06	18.00	0.05	0.07	12.90	35.30	0.74	372.00	0.69	0.00	0.75	19.90	0.02	17.44	5.00	1.00	12.20	0.50	0.01	0.34	2.40
1266507	2.55	2.20	0.05	0.11	123.00	0.04	0.13	23.70	17.00	0.35	343.00	0.67	0.00	0.25	18.70	0.03	17.70	5.00	1.00	10.20	0.50	0.04	0.38	4.50
1266508	2.50	6.70	0.05	0.13	62.00	0.04	0.13	25.00	50.80	1.84	259.00	0.43	0.00	0.35	25.10	0.05	12.52	5.00	1.00	11.30	0.50	0.06	0.25	4.00
1266509	2.73	7.90	0.05	0.17	36.00	0.04	0.13	26.80	87.20	2.30	275.00	0.39	0.00	0.46	27.50	0.03	18.48	5.00	1.00	12.80	1.00	0.03	0.28	5.20
1266510	2.82	6.80	0.05	0.10	34.00	0.06	0.12	23.90	65.40	1.90	372.00	0.52	0.00	0.46	25.40	0.03	17.48	5.00	1.00	9.70	0.50	0.01	0.44	5.90
1266511	4.16	7.40	0.05	0.05	16.00	0.04	0.10	3.70	73.20	0.77	421.00	0.36	0.00	0.26	32.40	0.04	17.38	5.00	1.00	17.30	0.50	0.01	0.20	2.10
1266512	5.52	7.40	0.05	0.04	38.00	0.04	0.08	7.60	50.90	0.55	572.00	1.19	0.00	1.13	20.60	0.08	22.62	5.00	1.00	15.90	0.50	0.02	0.81	2.10
1266513	0.20	0.20	0.05	0.01	2.50	0.01	0.02	4.10	0.80	10.14	200.00	0.77	0.01	0.06	4.80	0.02	9.41	5.00	1.00	1.00	0.50	0.03	0.69	0.30
1266514	0.22	0.20	0.05	0.01	2.50	0.01	0.01	3.30	0.80	10.04	221.00	0.49	0.01	0.04	5.10	0.02	15.83	5.00	1.00	0.80	1.00	0.02	0.70	0.30
1266515	0.32	0.30	0.05	0.01	2.50	0.01	0.02	4.10	1.30	9.34	288.00	0.67	0.01	0.08	15.10	0.04	5.20	5.00	1.00	1.30	2.00	0.03	0.62	0.40
1266516	0.70	0.60	0.05	0.03	2.50	0.01	0.03	5.00	1.70	9.38	258.00	1.45	0.01	0.18	12.90	0.04	7.93	5.00	1.00	2.10	2.00	0.03	0.72	0.80
1266517	1.29	1.70	0.05	0.07	8.00	0.01	0.08	10.70	6.10	6.58	416.00	1.64	0.01	0.32	19.30	0.07	10.38	5.00	1.00	6.00	0.50	0.05	0.47	1.50
1266518	0.25	0.40	0.05	0.01	25.00	0.02	0.02	5.20	1.50	8.21	191.00	0.33	0.01	0.08	4.60	0.03	5.04	5.00	1.00	1.80	1.00	0.04	0.24	0.30
1266519	0.20	0.30	0.05	0.01	21.00	0.01	0.02	4.80	1.20	8.93	135.00	0.43	0.01	0.05	6.20	0.03	6.04	5.00	1.00	1.40	1.00	0.02	0.28	0.40
1266520	0.15	0.20	0.05	0.01	22.00	0.01	0.01	3.70	0.80	10.07	158.00	0.48	0.01	0.03	5.40	0.02	7.44	5.00	1.00	0.90	0.50	0.03	0.23	0.30
1266521	0.48	0.40	0.05	0.02	25.00	0.01	0.03	8.10	1.50	8.60	197.00	0.77	0.01	0.08	13.60	0.04	4.07	5.00	1.00	1.60	1.00	0.03	0.77	0.50
1266522	0.38	0.40	0.05	0.01	16.00	0.01	0.02	3.30	1.90	9.50	435.00	0.37	0.01	0.09	7.30	0.02	4.09	5.00	1.00	1.60	1.00	0.01	0.25	0.50
1266523	0.26	0.30	0.05	0.01	21.00	0.01	0.01	4.20	1.50	10.20	297.00	0.37	0.01	0.06	6.70	0.03	4.22	5.00	1.00	1.40	0.50	0.03	0.22	0.30
1266524	13.94	0.05	0.10	0.01	438.00	0.01	0.01	1.70	0.20	6.63	1525.00	3.64	0.01	0.01	2.10	0.04	127.35	5.00	1.00	0.10	0.50	0.07	3.41	0.30
1266525	5.23	2.10	0.05	0.02	369.00	0.01	0.04	6.30	4.20	3.04	2341.00	1.50	0.01	0.30	10.40	0.13	125.18	5.00	1.00	4.70	0.50	0.07	2.77	1.20
1266526	3.01	3.30	0.05	0.04	235.00	0.04	0.13	9.50	6.40	0.64	1185.00	3.44	0.01	0.35	23.30	0.08	52.60	5.00	1.00	9.20	0.50	0.14	0.76	3.00
1266527	2.09	2.30	0.05	0.04	249.00	0.03	0.11	6.10	3.90	1.92	689.00	1.65	0.01	0.20	16.10	0.07	38.26	5.00	1.00	6.70	0.50	0.10	0.48	1.90
1266528	2.06	5.00	0.05	0.10	73.00	0.03	0.08	16.70	35.50	1.30	376.00	0.55	0.00	0.51	18.80	0.05	16.32	5.00	1.00	10.10	0.50	0.04	0.31	4.20
1266529	2.60	3.50	0.05	0.10	89.00	0.04	0.12	16.40	20.30	1.11	379.00	0.48	0.01	0.41	24.30	0.07	27.03	5.00	1.00	9.10	0.50	0.05	0.93	4.70
1266530	2.55	6.40	0.05	0.06	27.00	0.04	0.10	22.10	40.40	1.36	487.00	0.45	0.01	0.55	18.70	0.04	17.92	5.00	1.00	19.40	0.50	0.01	0.30	3.80
1266531	2.57	4.10	0.05	0.14	47.00	0.03	0.09	22.70	28.10	1.14	189.00	0.50	0.00	0.34	20.60	0.07	19.16	5.00	1.00	11.00	0.50	0.06	0.24	6.30
1266532	2.83	5.30	0.05	0.19	38.00	0.04	0.11	23.00	37.60	1.50	372.00	0.50	0.01	0.32	26.60	0.06	15.69	5.00	1.00	11.50	0.50	0.05	0.27	6.30
1266533	2.74	4.80	0.05	0.12	101.00	0.04	0.12	24.40	31.80	1.02	371.00	0.78	0.00	0.35	24.70	0.07	31.42	5.00	1.00	12.90	0.50	0.06	0.52	5.60
1266534	2.80	5.10	0.05	0.13	82.00	0.03	0.15	22.40	37.10	1.08	318.00	0.64	0.00	0.46	22.70	0.05	26.43	5.00	1.00	13.30	0.50	0.05	0.46	7.00
1266535	2.22	5.10	0.05	0.12	48.00	0.02	0.11	16.20	41.00	1.87	278.00	0.75	0.01	0.31	21.90	0.05	18.69	5.00	1.00	12.90	0.50	0.04	0.40	4.20
1266553	2.29	5.60	0.05	0.01	28.00	0.03	0.07	10.60	8.10	0.24	415.00	1.59	0.00	0.32	11.00	0.12	14.89	5.00	1.00	11.50	0.50	0.07	0.71	0.40
1266554	4.23	6.20	0.05	0.01	18.00	0.04	0.07	7.00	20.50	0.40	1762.00	1.50	0.00	0.57	18.90	0.05	20.12	5.00	1.00	11.40	1.00	0.02	0.69	2.00
1266555	3.69	6.90	0.05	0.01	32.00	0.03	0.08	7.90	13.70	0.26	1235.00	1.41	0.00	0.76	14.30	0.06	23.66	5.00	1.00	13.60	0.50	0.03	0.62	2.10
1266556	4.10	7.30	0.05	0.01	27.00	0.02	0.08	7.40	9.60	0.25	386.00	1.35	0.00	0.63	15.30	0.05	25.12	5.00	1.00	13.10	0.50	0.03	0.77	1.40
1266557	3.72	6.10	0.05	0.01	36.00	0.03	0.08	10.30	26.50	0.41	941.00	1.36	0.00	0.76	18.20	0.05	22.16	5.00	1.00	14.00	0.50	0.02	0.70	2.30
1266558	3.07	7.40	0.05	0.01	23.00	0.03	0.07	10.20	9.20	0.20	1786.00	1.41	0.00	0.63	11.60	0.07	31.65	5.00	1.00	15.40	0.50	0.06	0.73	1.60
1266559	4.04	7.40	0.05	0.01	35.00	0.04	0.09	9.50	21.70	0.30	1398.00	1.69	0.00	1.05	13.50	0.05	19.03	5.00	1.00	15.60	0.50	0.03	0.78	2.20
1266560	4.21	7.60	0.05	0.03	58.00	0.04	0.12	5.90	24.30	0.29	1782.00	1.04	0.01	0.51	16.20	0.08	83.74	5.00	1.00	15.20	0.50	0.04	0.47	2.70
1266561	4.96	8.50	0.05	0.01	46.00	0.05	0.11	7.30	16.90	0.19	2667.00	1.43	0.00	0.98	14.00	0.06	42.05	5.00	1.00	17.40	0.50	0.03	0.69	2.70
1266562	3.96	5.50	0.05	0.04	24.00	0.05	0.14	4.30	21.00	0.34	2309.00	0.69	0.01	0.62	23.50	0.07	38.86	5.00	1.00	16.60	0.50	0.03	0.54	3.00
1266563	3.57	4.50	0.05	0.01	29.00	0.04	0.10	12.20	25.10	0.48	1585.00	1.16	0.00	0.50	30.50	0.07	38.00	5.00	1.00	12.00	0.50	0.01	0.84	3.00
1266564	3.33	7.50	0.05	0.01	31.00	0.03	0.13	4.50	7.50	0.11	1566.00	0.72	0.01	0.60	8.90	0.05	16.31	5.00	1.00	20.20	0.50	0.03	0.33	2.10
1266565	2.76	5.40	0.05	0.03	20.00	0.03	0.10	8.40	18.20	0.27	385.00	0.98	0.00	0.59	15.30	0.07	30.38	5.00	1.00	20.10	0.50	0.03	0.45	2.60
1266566	3.37	5.60	0.05	0.03	20.00	0.03	0.08	12.80	22.20	0.36	528.00	1.08	0.00	0.74	20.40	0.05	30.93	5.00	1.00	15.10	1.00	0.01	0.66	2.60
1266567	4.69	6.50	0.05	0.01	28.00	0.04	0.11	6.40	14.80	0.23	792.00	1.07	0.00	0.86	15.30	0.05	32.95	5.00	1.00	16.70	0.50	0.01	0.65	2.00
1266568	3.74	7.20	0.05	0.02	41.00	0.04	0.09	5.50	25.10	0.20	2084.00	0.74	0.00	0.45	14.10	0.05	48.20	5.00	1.00	14.00	0.50	0.03	0.37	2.10
1266569	3.55	3.90	0.05	0.04	74.00	0.02	0.08	12.70	18.90	1.01	1111.00	0.95	0.01	0.52	19.60	0.10	134.0							

Sample No.	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Ti_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zn_pct	Zr_ppm
1266502	0.40	0.50	28.80	0.03	0.04	1.40	0.01	0.20	1.80	48.00	0.05	11.64	127.40		0.7
1266503	0.50	1.10	69.40	0.03	0.03	1.50	0.01	0.22	1.40	48.00	0.05	5.22	129.70		0.7
1266504	1.00	1.30	87.30	0.03	0.03	1.90	0.01	0.18	4.20	41.00	0.05	14.80	93.30		1.4
1266505	0.50	0.60	59.80	0.03	0.05	6.30	0.00	0.34	1.70	13.00	0.05	15.98	317.80		1.2
1266506	0.20	1.00	50.50	0.03	0.03	4.30	0.01	0.14	1.10	51.00	0.05	3.35	59.70		2.1
1266507	0.80	0.50	68.70	0.03	0.01	3.80	0.00	0.58	2.60	20.00	0.05	12.81	61.10		6.3
1266508	0.50	1.10	70.10	0.03	0.01	3.00	0.01	0.16	3.30	41.00	0.05	13.55	61.20		5.1
1266509	1.30	0.90	93.20	0.03	0.01	5.80	0.01	0.17	3.40	46.00	0.05	15.04	75.60		6.2
1266510	0.30	1.90	33.80	0.03	0.03	5.80	0.00	0.15	2.60	43.00	0.05	12.93	96.30		5.1
1266511	0.05	1.00	7.40	0.03	0.05	3.00	0.00	0.11	0.30	31.00	0.05	2.12	149.40		2
1266512	0.40	2.00	6.90	0.03	0.07	3.10	0.00	0.13	0.50	54.00	0.10	2.20	108.90		1.6
1266513	0.50	4.60	89.50	0.03	0.02	0.20	0.00	0.10	1.00	5.00	0.05	3.98	15.20		0.7
1266514	0.20	7.70	74.60	0.03	0.01	0.20	0.00	0.10	0.80	5.00	0.05	4.01	15.00		0.4
1266515	0.20	0.90	73.70	0.03	0.04	0.30	0.00	0.22	3.10	14.00	0.05	5.84	18.40		0.6
1266516	0.40	2.00	82.20	0.03	0.01	0.70	0.00	0.27	3.60	19.00	0.05	6.34	22.90		1.1
1266517	0.40	1.00	72.90	0.03	0.04	0.90	0.01	0.35	2.10	24.00	0.05	9.79	85.50		2.4
1266518	0.20	1.50	64.80	0.03	0.01	0.10	0.00	0.10	0.80	9.00	0.05	5.28	18.60		0.3
1266519	0.20	2.60	53.50	0.03	0.01	0.10	0.00	0.10	1.30	15.00	0.05	6.66	8.30		0.4
1266520	0.30	4.00	55.70	0.03	0.01	0.05	0.00	0.12	1.10	10.00	0.05	5.97	7.00		0.4
1266521	0.30	0.60	42.90	0.03	0.01	0.30	0.00	0.29	1.90	27.00	0.05	7.33	14.90		0.6
1266522	0.30	0.70	55.80	0.03	0.01	0.20	0.00	0.49	1.20	13.00	0.05	6.45	16.00		0.5
1266523	0.30	0.90	57.60	0.03	0.01	0.20	0.00	0.21	1.00	15.00	0.05	6.90	15.00		0.4
1266524	0.20	0.70	34.00	0.03	0.01	0.05	0.00	7.03	1.90	3.00	0.05	1.81	309.80		0.2
1266525	0.50	0.70	20.70	0.03	0.03	0.50	0.01	2.83	1.40	24.00	0.05	6.28	891.60		0.8
1266526	0.20	0.90	42.40	0.03	0.03	1.40	0.00	0.79	1.70	37.00	0.05	12.29	432.90		1.2
1266527	0.30	0.70	54.20	0.03	0.02	0.80	0.00	0.47	1.20	24.00	0.05	7.95	267.90		0.9
1266528	0.80	1.20	41.20	0.03	0.01	2.50	0.01	0.20	5.90	37.00	0.05	10.26	83.40		3.8
1266529	0.50	0.60	53.10	0.03	0.01	3.80	0.00	0.16	1.70	23.00	0.05	14.28	127.40		4.8
1266530	0.20	0.90	16.10	0.03	0.01	4.40	0.01	0.16	0.90	41.00	0.05	7.59	87.10		2.5
1266531	1.10	0.70	51.80	0.03	0.01	3.80	0.00	0.13	1.40	30.00	0.05	14.21	101.20		5.5
1266532	1.00	1.20	60.00	0.03	0.02	4.40	0.00	0.15	1.40	39.00	0.05	16.40	105.10		7.5
1266533	1.00	1.10	41.40	0.03	0.02	2.80	0.00	0.24	2.80	42.00	0.05	17.03	141.60		3.7
1266534	1.00	0.90	42.50	0.03	0.01	4.40	0.00	0.25	1.40	43.00	0.05	16.75	120.40		4.8
1266535	1.00	1.40	120.00	0.03	0.01	3.30	0.01	0.28	3.60	37.00	0.05	10.63	96.50		5.6
1266553	0.30	1.10	8.90	0.03	0.06	0.30	0.01	0.15	1.30	49.00	0.10	3.68	47.50		0.3
1266554	0.30	3.40	6.00	0.03	0.05	1.60	0.02	0.09	0.80	50.00	0.20	2.62	66.70		0.2
1266555	0.20	2.90	5.20	0.03	0.02	1.90	0.01	0.12	0.80	50.00	0.20	3.07	62.40		0.5
1266556	0.30	2.50	6.20	0.03	0.06	0.90	0.01	0.17	0.90	53.00	0.20	3.21	58.40		0.2
1266557	0.30	1.10	8.50	0.03	0.04	2.10	0.01	0.16	0.80	55.00	0.20	3.46	89.30		0.4
1266558	0.20	1.60	9.50	0.03	0.05	0.60	0.02	0.17	0.80	59.00	0.10	3.88	56.70		0.1
1266559	0.40	1.40	7.50	0.03	0.05	2.90	0.02	0.14	0.70	57.00	0.20	2.80	67.10		0.3
1266560	0.30	1.30	8.90	0.03	0.05	3.20	0.00	0.13	0.70	35.00	0.20	4.04	84.30		1
1266561	0.50	1.40	5.60	0.03	0.07	3.80	0.01	0.15	0.70	52.00	0.10	3.44	123.70		0.7
1266562	0.20	2.40	6.40	0.03	0.06	2.60	0.01	0.13	1.20	33.00	0.20	5.86	80.80		0.8
1266563	0.40	0.80	10.60	0.03	0.03	4.60	0.02	0.13	1.10	41.00	0.20	6.15	118.10		0.5
1266564	0.20	1.70	5.50	0.03	0.03	2.40	0.00	0.11	0.70	36.00	0.05	3.94	51.20		0.6
1266565	0.20	1.10	9.70	0.03	0.05	1.60	0.00	0.19	1.40	40.00	0.20	6.98	78.30		0.5
1266566	0.20	1.60	9.60	0.03	0.05	4.10	0.01	0.17	0.90	49.00	0.20	5.21	92.70		0.9
1266567	0.30	1.70	4.60	0.03	0.05	3.30	0.01	0.13	0.70	47.00	0.20	2.98	91.80		0.5
1266568	0.30	1.60	5.90	0.03	0.02	2.60	0.00	0.11	0.60	33.00	0.05	3.32	111.30		0.8
1266569	0.30	0.60	20.90	0.03	0.03	1.90	0.01	0.24	1.30	37.00	0.10	11.21	528.40		1.2
1266570	0.30	0.90	32.60	0.03	0.01	2.90	0.01	0.26	1.10	33.00	0.10	9.49	398.30		1.9
1266571	0.05	0.80	20.40	0.03	0.04	3.00	0.00	0.22	0.80	16.00	0.05	7.44	134.70		0.9
1266572	0.40	0.40	51.10	0.03	0.01	1.00	0.00	0.19	0.50	11.00	0.05	5.71	194.10		0.3
1266573	0.40	0.60	31.20	0.03	0.03	1.70	0.01	0.44	1.50	36.00	0.10	9.43	863.00		0.7
1266574	0.60	0.90	26.80	0.03	0.03	2.00	0.01	1.29	1.60	34.00	0.10	9.43	2233.70		1.1
1266575	0.60	0.70	28.70	0.03	0.03	1.20	0.01	1.12	2.20	32.00	0.05	8.60	960.00		1.1
1266576	0.50	0.80	21.40	0.03	0.04	1.20	0.01	1.19	2.90	48.00	0.05	13.16	3881.10		0.8

Scarlet West Property (Car & Lin Claims) - 2011 Soil Sample Locations and Analytical Results																						
Sample No.	Sampler	Sample Date	grid_type	north	east	elevation	lab_ref_number	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm
1266577	AJ	27/08/2011	UTM83-8	7123500	600998	1184	WHI11001354	62.00	0.10	5.90	0.50	2.00	45.50	0.30	0.01	10.68	11.97	4.70	1.00	1.90	0.11	2.69
1266578	AJ	27/08/2011	UTM83-8	7123500	601048	1150	WHI11001354	257.00	1.24	13.90	1.40	4.00	151.20	0.90	0.26	1.87	4.95	24.20	8.80	20.90	0.73	22.98
1266579	AJ	27/08/2011	UTM83-8	7123498	601201	1106	WHI11001354	126.00	1.55	10.20	6.60	6.00	124.10	1.00	0.23	2.17	0.41	48.50	10.30	29.30	1.38	32.33
1266580	AJ	27/08/2011	UTM83-8	7123501	601249	1093	WHI11001354	99.00	1.55	5.00	6.40	6.00	110.60	0.80	0.20	2.51	0.28	34.60	7.00	31.40	1.14	40.17
1266581	AJ	27/08/2011	UTM83-8	7123499	601298	1099	WHI11001354	107.00	1.97	7.90	7.60	4.00	109.20	1.10	0.24	0.67	0.24	51.30	10.90	37.20	0.98	28.58
1266582	AJ	27/08/2011	UTM83-8	7123502	601399	1060	WHI11001354	59.00	1.35	9.70	19.00	5.00	90.10	0.90	0.24	2.06	0.40	54.10	11.70	33.90	2.02	46.53
1266583	AJ	27/08/2011	UTM83-8	7123500	601447	1041	WHI11001354	89.00	1.73	3.30	4.30	5.00	164.20	1.00	0.23	1.18	0.21	41.80	9.50	35.60	1.11	39.53
1266584	AJ	27/08/2011	UTM83-8	7130598	598100	1414	WHI11001354	245.00	0.99	24.90	1.10	5.00	160.20	0.70	0.22	7.25	0.62	31.10	8.20	17.80	0.99	21.63
1266585	AJ	27/08/2011	UTM83-8	7130650	598102	1406	WHI11001354	674.00	0.73	38.40	0.80	7.00	127.90	0.70	0.14	15.41	0.63	20.10	5.20	11.00	0.73	13.77
1266586	AJ	27/08/2011	UTM83-8	7130694	598096	1390	WHI11001354	459.00	0.63	20.70	3.70	5.00	119.40	0.40	0.12	11.47	1.69	15.40	5.60	10.10	0.46	12.06
1266587	AJ	27/08/2011	UTM83-8	7130502	598098	1426	WHI11001354	240.00	1.33	11.70	1.60	3.00	223.20	0.80	0.26	5.30	0.84	42.30	10.00	22.30	1.23	18.70
1266588	AJ	27/08/2011	UTM83-8	7130449	598096	1408	WHI11001354	338.00	1.33	28.10	0.80	4.00	145.70	0.80	0.21	4.69	1.27	25.50	11.40	20.00	0.76	17.68
1266589	AJ	27/08/2011	UTM83-8	7130403	598097	1388	WHI11001354	192.00	0.99	21.40	2.30	6.00	78.90	0.90	0.33	5.60	0.50	24.80	14.50	15.80	1.66	32.83
1266590	AJ	27/08/2011	UTM83-8	7130354	598099	1368	WHI11001354	132.00	1.22	17.90	1.20	2.00	113.20	0.90	0.30	1.38	0.48	20.80	14.30	22.80	2.81	30.51
1266591	AJ	27/08/2011	UTM83-8	7130250	598097	1345	WHI11001354	48.00	0.24	5.20	0.40	0.50	27.20	0.20	0.06	26.06	0.17	4.10	3.20	4.20	0.44	6.55
1266592	AJ	27/08/2011	UTM83-8	7130152	598098	1302	WHI11001354	226.00	1.15	16.10	0.90	2.00	122.30	0.60	0.28	1.77	0.33	21.60	14.00	22.20	2.89	38.06
1266593	AJ	27/08/2011	UTM83-8	7130098	598101	1281	WHI11001354															
1266594	AJ	27/08/2011	UTM83-8	7130056	598098	1253	WHI11001354															
1266595	AJ	27/08/2011	UTM83-8	7130005	598103	1243	WHI11001354	78.00	1.44	8.40	0.60	1.00	138.90	0.60	0.33	0.16	0.35	23.50	8.80	26.90	1.20	20.79
1266596	AJ	27/08/2011	UTM83-8	7130547	597849	1473	WHI11001354	505.00	1.28	37.40	0.10	1.00	138.40	0.90	0.23	6.23	0.93	28.20	8.70	19.80	0.64	17.27
1266597	AJ	27/08/2011	UTM83-8	7130599	597851	1464	WHI11001354	135.00	0.35	11.80	0.10	2.00	96.70	0.20	0.08	13.17	0.61	12.20	3.70	6.00	0.32	7.68
1266598	AJ	27/08/2011	UTM83-8	7130646	597848	1446	WHI11001354	270.00	0.86	338.40	0.80	2.00	811.90	0.70	0.17	1.95	1.39	22.50	7.90	18.30	0.69	17.65
1266599	AJ	27/08/2011	UTM83-8	7130700	597848	1414	WHI11001354	602.00	1.41	32.70	1.60	2.00	147.40	1.00	0.27	2.65	1.14	30.00	11.90	24.80	0.81	24.29
1266600	AJ	27/08/2011	UTM83-8	7130500	597847	1471	WHI11001354	1518.00	1.17	45.60	1.00	2.00	142.80	0.70	0.20	4.30	2.79	27.50	11.80	20.20	0.44	20.25
1266601	BI	27/08/2011	UTM83-8	7127600	596349	1494	WHI11001354	74.00	1.64	10.50	0.30	7.00	255.70	1.20	0.21	0.31	0.17	60.10	14.90	24.30	1.25	23.22
1266602	BI	27/08/2011	UTM83-8	7127550	596349	1493	WHI11001354	123.00	1.97	5.90	1.80	5.00	140.60	1.50	0.25	0.11	0.25	37.00	11.30	29.30	1.79	15.05
1266603	BI	27/08/2011	UTM83-8	7127501	596348	1491	WHI11001354	67.00	2.06	6.30	0.10	5.00	263.20	2.00	0.24	0.79	0.38	47.00	13.30	31.90	1.74	15.84
1266604	BI	27/08/2011	UTM83-8	7127450	596348	1486	WHI11001354	71.00	1.67	7.60	0.30	4.00	214.50	1.60	0.21	0.65	0.27	67.80	12.90	30.50	1.08	19.21
1266605	BI	27/08/2011	UTM83-8	7127401	596347	1480	WHI11001354	45.00	2.27	5.60	0.90	5.00	267.40	2.10	0.22	0.53	0.09	59.10	14.70	34.40	1.73	14.63
1266606	BI	27/08/2011	UTM83-8	7127351	596348	1481	WHI11001354	55.00	2.29	8.00	0.20	4.00	182.90	1.60	0.23	0.40	0.10	54.20	11.30	33.90	1.63	11.61
1266607	BI	27/08/2011	UTM83-8	7128752	596348	1636	WHI11001354	53.00	0.86	10.00	0.20	2.00	66.00	0.80	0.14	9.16	0.43	15.70	7.20	14.60	0.98	9.80
1266608	BI	27/08/2011	UTM83-8	7128799	596349	1632	WHI11001354	209.00	1.35	12.60	1.30	3.00	118.00	0.60	0.22	2.68	1.11	20.00	8.20	23.70	0.87	17.07
1266609	BI	27/08/2011	UTM83-8	7128851	596348	1616	WHI11001354	276.00	1.11	11.90	1.60	3.00	93.50	0.70	0.19	3.19	2.69	17.30	7.50	20.50	0.56	14.88
1266610	BI	27/08/2011	UTM83-8	7128898	596347	1592	WHI11001354	132.00	0.26	8.70	0.10	1.00	36.70	0.30	0.07	15.67	2.28	12.00	3.60	6.10	0.48	7.52
1266611	BI	27/08/2011	UTM83-8	7128950	596349	1562	WHI11001354	105.00	0.18	8.60	0.10	1.00	20.80	0.30	0.06	16.51	1.76	11.10	2.60	4.70	0.41	6.11
1266612	BI	27/08/2011	UTM83-8	7129002	596350	1552	WHI11001354	405.00	0.74	19.80	1.40	4.00	60.90	1.00	0.38	0.90	0.71	20.50	12.70	14.60	1.93	40.64
1266613	BI	27/08/2011	UTM83-8	7129053	596347	1569	WHI11001354	145.00	1.16	11.30	0.80	3.00	91.00	1.10	0.28	1.01	0.18	21.30	9.70	19.00	0.68	26.22
1266614	BI	27/08/2011	UTM83-8	7129102	596347	1584	WHI11001354	189.00	1.25	10.50	5.90	7.00	89.20	1.20	0.21	1.57	0.32	34.00	10.30	28.30	1.51	35.46
1266615	BI	27/08/2011	UTM83-8	7129150	596349	1602	WHI11001354	95.00	1.73	4.20	3.50	5.00	82.90	1.20	0.16	1.53	0.43	51.40	10.30	40.30	0.44	31.78
1266616	BI	27/08/2011	UTM83-8	7129202	596346	1622	WHI11001354	60.00	1.83	4.40	4.60	6.00	67.90	1.00	0.16	1.55	0.36	54.40	11.10	44.70	1.69	35.60
1266617	BI	27/08/2011	UTM83-8	7129249	596349	1637	WHI11001354	76.00	1.97	7.70	5.20	5.00	71.80	1.30	0.19	0.81	0.34	52.60	12.40	47.50	1.28	33.37
1266618	BI	27/08/2011	UTM83-8	7129351	596353	1591	WHI11001354	55.00	2.02	8.40	15.20	4.00	71.30	1.00	0.21	2.12	0.19	56.50	13.20	48.40	2.13	44.37
1266619	BI	27/08/2011	UTM83-8	7129397	596352	1580	WHI11001354	62.00	0.82	1.80	0.70	8.00	625.30	1.00	0.12	2.68	0.47	18.30	6.30	20.40	1.34	12.70
1266620	BI	27/08/2011	UTM83-8	7129450	596345	1561	WHI11001354	14.00	1.47	0.70	1.00	3.00	192.70	1.20	0.20	4.17	0.07	53.70	12.90	34.20	1.81	11.38
1266621	BI	27/08/2011	UTM83-8	7129496	596347	1563	WHI11001354	20.00	1.47	3.00	0.70	2.00	92.40	0.90	0.19	8.33	0.13	31.00	12.10	34.60	0.73	17.75
1266622	BI	27/08/2011	UTM83-8	7129550	596351	1557	WHI11001354	19.00	1.76	2.60	2.60	5.00	71.60	1.20	0.28	1.94	0.13	27.70	13.60	42.20	0.76	27.96
1266623	BI	27/08/2011	UTM83-8	7128701	595101	1328	WHI11001354	46.00	0.96	5.00	0.90	5.00	77.60	0.60	0.26	0.49	0.29	45.80	7.40	15.90	0.76	12.95
1266624	BI	27/08/2011	UTM83-8	7128751	595099	1319	WHI11001354	38.00	0.85	6.70	1.00	6.00	111.10	0.70	0.27	1.73	0.69	89.40	5.80	21.10	0.79	15.16
1266625	BI	27/08/2011	UTM83-8	7128802	595101	1313	WHI11001354	63.00	0.57	7.60	0.80	4.00	101.50	0.30	0.20	0.80	0.15	61.80	5.30	11.70	0.52	10.09
1266626	BI	27/08/2011	UTM83-8	7128851	595100	1308	WHI11001354	82.00	0.76	6.10	2.10	5.00	225.90	0.90	0.22	2.72	0.24	22.80	6.90	14.90	0.98	32.83
1266627	BI	27/08/2011	UTM83-8	7128900	595100	1295	WHI11001354	64.00	0.91	7.30	1.20	1.00	91.10	0.50	0.41	0.17	0.21	10.30	11.80	21.40	2	

Sample No.	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppb	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppb	S_pct	Sb_ppm	Sc_ppm
1266577	19.29	0.30	0.05	0.01	139.00	0.01	0.01	2.90	0.60	5.54	2822.00	1.74	0.01	0.03	2.20	0.06	740.03	5.00	1.00	0.70	0.50	0.04	0.12	0.40
1266578	9.95	3.00	0.05	0.07	142.00	0.02	0.06	13.10	8.90	0.70	5058.00	1.49	0.01	0.29	22.10	0.16	129.23	5.00	1.00	7.80	0.50	0.07	0.45	3.10
1266579	2.52	4.50	0.05	0.10	80.00	0.04	0.12	23.90	47.50	1.29	430.00	0.53	0.01	0.35	21.60	0.07	22.74	5.00	1.00	9.30	0.50	0.07	0.44	3.40
1266580	2.00	4.70	0.05	0.10	74.00	0.04	0.10	20.00	48.90	1.46	294.00	0.33	0.01	0.30	19.70	0.09	14.50	5.00	1.00	9.70	0.50	0.11	0.33	2.60
1266581	3.25	5.40	0.05	0.08	42.00	0.04	0.11	24.40	50.80	1.39	442.00	0.48	0.00	0.34	26.80	0.05	20.73	5.00	1.00	10.60	0.50	0.03	0.45	5.70
1266582	2.92	4.00	0.05	0.13	53.00	0.04	0.10	24.40	46.50	1.58	381.00	0.72	0.01	0.28	29.90	0.08	27.10	5.00	1.00	7.60	0.50	0.05	0.34	6.90
1266583	2.42	4.80	0.05	0.13	48.00	0.03	0.10	21.40	49.50	1.34	324.00	0.33	0.01	0.39	25.00	0.07	13.58	5.00	1.00	9.70	0.50	0.05	0.33	5.10
1266584	2.46	2.30	0.05	0.03	144.00	0.02	0.07	13.20	8.80	1.31	771.00	0.90	0.01	0.38	17.70	0.19	47.68	5.00	1.00	6.60	0.50	0.10	4.27	1.20
1266585	2.74	1.50	0.05	0.02	268.00	0.07	0.06	7.60	4.60	2.45	2348.00	0.99	0.01	0.11	10.20	0.39	42.81	5.00	1.00	6.60	0.50	0.08	11.91	0.60
1266586	3.03	1.50	0.05	0.02	141.00	0.05	0.04	6.10	4.20	5.06	2958.00	1.32	0.01	0.13	10.00	0.12	44.58	5.00	1.00	4.10	0.50	0.07	7.36	0.70
1266587	2.58	3.50	0.05	0.03	104.00	0.03	0.06	17.10	9.20	0.41	569.00	1.29	0.01	0.72	18.80	0.15	46.48	5.00	1.00	6.80	0.50	0.10	0.76	1.70
1266588	3.64	3.10	0.05	0.07	101.00	0.03	0.06	11.10	8.70	2.32	2350.00	1.17	0.01	0.31	18.10	0.18	68.02	5.00	1.00	5.70	0.50	0.10	3.82	1.50
1266589	3.52	2.20	0.05	0.11	84.00	0.05	0.08	12.70	9.30	0.85	616.00	1.06	0.01	0.23	25.50	0.12	64.44	5.00	1.00	5.00	0.50	0.06	2.14	3.30
1266590	3.27	3.20	0.05	0.05	118.00	0.04	0.06	10.30	12.20	0.35	498.00	0.96	0.00	0.52	25.40	0.10	43.54	5.00	1.00	8.60	0.50	0.07	1.61	2.70
1266591	0.73	0.60	0.05	0.03	41.00	0.01	0.02	2.20	2.40	0.30	146.00	0.22	0.00	0.08	4.60	0.04	17.87	5.00	1.00	1.70	0.50	0.01	0.42	0.60
1266592	3.14	3.20	0.05	0.07	389.00	0.03	0.10	11.10	14.50	0.33	308.00	0.74	0.00	0.39	30.10	0.07	46.96	5.00	1.00	9.00	0.50	0.05	2.12	4.40
1266593																								
1266594																								
1266595	3.31	4.60	0.05	0.06	46.00	0.02	0.10	10.90	20.00	0.43	336.00	1.03	0.00	0.39	20.40	0.07	32.46	5.00	1.00	9.00	0.50	0.03	0.52	2.80
1266596	3.65	2.80	0.05	0.03	229.00	0.03	0.03	13.80	7.60	1.69	1871.00	1.48	0.01	0.42	17.40	0.16	145.31	5.00	1.00	4.50	0.50	0.11	10.05	1.40
1266597	2.34	0.70	0.05	0.01	157.00	0.01	0.02	4.40	2.60	6.14	2350.00	0.38	0.01	0.10	5.60	0.12	34.39	5.00	1.00	2.80	0.50	0.01	3.20	0.60
1266598	23.99	3.60	0.20	0.05	202.00	1.86	0.01	9.00	5.60	0.60	10000.00	2.64	0.00	0.22	36.20	0.16	29.43	5.00	1.00	3.60	1.00	0.11	16.34	2.60
1266599	3.81	3.80	0.05	0.09	385.00	0.07	0.06	14.40	9.90	1.06	1796.00	1.10	0.01	0.60	25.70	0.20	78.81	5.00	1.00	7.10	0.50	0.09	3.60	3.10
1266600	4.64	2.70	0.05	0.09	714.00	0.06	0.04	12.00	6.40	2.05	3662.00	4.03	0.01	0.27	21.10	0.18	73.25	5.00	1.00	4.60	0.50	0.13	5.11	2.50
1266601	3.97	4.70	0.05	0.20	29.00	0.05	0.25	21.40	12.90	0.33	488.00	2.32	0.00	0.44	28.60	0.10	17.94	5.00	1.00	18.70	0.50	0.04	0.33	4.70
1266602	3.75	5.80	0.05	0.23	35.00	0.04	0.18	14.50	14.80	0.28	400.00	1.71	0.00	0.61	25.50	0.12	17.80	5.00	1.00	20.90	0.50	0.06	0.50	3.30
1266603	3.87	6.10	0.05	0.24	32.00	0.05	0.22	16.70	17.90	0.30	506.00	2.64	0.00	0.49	34.90	0.11	17.23	16.00	1.00	22.20	0.50	0.04	0.48	4.10
1266604	3.89	4.30	0.05	0.19	31.00	0.06	0.19	20.40	15.60	0.37	408.00	1.83	0.00	0.53	40.10	0.08	16.34	5.00	1.00	16.70	0.50	0.03	0.30	4.60
1266605	4.03	6.10	0.05	0.19	30.00	0.05	0.21	21.10	18.40	0.36	456.00	1.16	0.00	0.52	32.00	0.07	16.30	10.00	1.00	20.50	0.50	0.03	0.18	4.20
1266606	3.62	6.40	0.05	0.18	15.00	0.03	0.16	18.70	17.80	0.45	338.00	0.98	0.00	0.68	29.40	0.09	14.71	11.00	1.00	17.00	0.50	0.03	0.29	3.40
1266607	1.90	2.10	0.05	0.03	67.00	0.01	0.06	7.40	6.00	4.84	1222.00	1.27	0.01	0.23	12.20	0.11	314.31	5.00	1.00	5.30	0.50	0.04	0.44	1.50
1266608	2.58	3.70	0.05	0.07	141.00	0.03	0.07	11.90	10.20	1.30	1101.00	1.04	0.01	0.51	19.40	0.20	494.24	5.00	1.00	6.60	0.50	0.09	0.62	2.10
1266609	2.52	3.00	0.05	0.06	301.00	0.01	0.05	9.80	8.30	1.51	1783.00	1.06	0.01	0.46	16.40	0.15	544.15	5.00	1.00	5.20	0.50	0.12	0.61	1.30
1266610	1.66	0.70	0.05	0.03	77.00	0.01	0.02	7.20	2.40	9.02	1877.00	1.34	0.01	0.10	7.90	0.11	393.38	5.00	1.00	2.00	1.00	0.01	0.57	0.90
1266611	1.62	0.50	0.05	0.03	73.00	0.01	0.02	6.90	1.70	9.36	1597.00	1.28	0.01	0.08	5.60	0.09	205.54	5.00	1.00	1.60	0.50	0.01	0.82	0.90
1266612	4.04	2.40	0.05	0.12	129.00	0.03	0.12	10.50	7.60	0.29	584.00	0.90	0.00	0.17	26.60	0.11	88.77	5.00	1.00	8.60	0.50	0.05	1.78	3.40
1266613	2.79	3.50	0.05	0.13	56.00	0.03	0.12	11.10	14.30	0.44	332.00	0.86	0.00	0.32	21.70	0.09	30.14	5.00	1.00	9.00	0.50	0.07	0.46	3.00
1266614	2.59	4.00	0.05	0.18	82.00	0.03	0.15	18.40	20.20	1.07	204.00	0.82	0.00	0.29	27.60	0.10	23.23	19.00	1.00	10.50	0.50	0.08	0.50	3.90
1266615	2.39	5.70	0.05	0.14	50.00	0.03	0.14	27.00	33.60	1.75	437.00	0.42	0.00	0.28	27.20	0.07	13.43	5.00	1.00	9.40	0.50	0.07	0.24	3.10
1266616	2.23	5.80	0.05	0.14	55.00	0.04	0.14	27.00	43.20	2.01	434.00	0.47	0.00	0.36	26.00	0.07	15.44	12.00	1.00	14.20	0.50	0.09	0.19	4.20
1266617	2.59	6.30	0.05	0.23	37.00	0.04	0.12	24.40	45.30	2.18	458.00	0.55	0.00	0.41	28.40	0.07	16.33	5.00	1.00	11.10	0.50	0.07	0.23	4.20
1266618	2.44	6.30	0.05	0.15	26.00	0.01	0.12	28.70	46.90	3.13	362.00	0.47	0.00	0.14	28.00	0.05	21.59	12.00	1.00	10.40	0.50	0.01	0.14	4.50
1266619	1.10	2.50	0.05	0.14	98.00	0.01	0.07	10.10	11.60	0.87	702.00	0.79	0.01	0.31	15.50	0.11	11.66	10.00	1.00	6.20	0.50	0.18	0.20	2.10
1266620	2.49	4.50	0.05	0.15	16.00	0.01	0.11	28.50	32.80	1.94	306.00	0.19	0.00	0.04	36.70	0.07	8.15	5.00	1.00	6.70	0.50	0.01	0.10	3.70
1266621	2.54	4.60	0.05	0.14	20.00	0.01	0.09	16.60	32.90	1.41	274.00	0.21	0.00	0.08	36.10	0.06	10.19	5.00	1.00	5.50	0.50	0.01	0.08	3.80
1266622	2.89	5.00	0.05	0.15	35.00	0.05	0.11	13.30	43.70	1.38	310.00	0.32	0.01	0.17	45.20	0.07	15.06	5.00	1.00	6.70	0.50	0.04	0.15	4.30
1266623	1.67	2.80	0.05	0.05	46.00	0.02	0.12	21.00	14.20	0.31	1495.00	0.64	0.00	0.17	13.10	0.09	28.34	5.00	1.00	9.60	0.50	0.07	0.27	2.10
1266624	1.53	2.30	0.05	0.06	47.00	0.03	0.09	37.50	20.10	0.35	2346.00	0.78	0.01	0.22	11.30	0.13	39.70	5.00	1.00	9.30	0.50	0.10	0.31	1.50
1266625	1.59	1.60	0.05	0.02	28.00	0.03	0.06	15.80	16.00	0.33	1380.00	1.13	0.00	0.12	11.00	0.05	31.10	5.00	1.00	5.90	2.00	0.05	0.27	1.50
1266626	1.41	2.10	0.05	0.02	89.00	0.02	0.05	14.30	7.70	0.21	1453.00	0.83	0.01	0.27	11.00	0.17	21.96	5.00	1.00	6.20	0.50	0.18	0.33	0.90
1266627	3.17	5.80	0.05	0.01	19.00	0.03	0.15	4.80	7.60	0.19	1090.00	0.95	0.01	0.34	12.40	0.05	22.94	5.00	1.00	16.60	0.50	0.04	0.34	1.60
1266628	1.93	0.90	0.05	0.01	1159.00	0.01	0.09	3.90	3.40	7.02	1085.00	2.49	0.01	0.08										

Sample No.	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Ti_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zn_pct	Zr_ppm
1266577	0.50	0.30	29.30	0.03	0.01	0.30	0.00	24.76	2.80	6.00	0.05	3.42	2238.30		0.3
1266578	0.60	0.50	20.10	0.03	0.05	2.80	0.00	1.41	4.60	31.00	0.05	15.87	2207.90		2.2
1266579	0.60	1.70	77.00	0.03	0.03	1.80	0.01	0.31	5.10	32.00	0.05	14.58	105.00		3.3
1266580	0.60	1.10	79.80	0.03	0.01	1.20	0.00	0.15	8.20	29.00	0.05	13.77	96.00		3.9
1266581	0.30	0.50	33.90	0.03	0.05	4.10	0.01	0.13	1.60	36.00	0.05	17.13	94.20		3
1266582	0.80	2.60	60.70	0.03	0.03	4.40	0.00	0.13	1.60	24.00	0.05	20.47	122.90		6.1
1266583	0.70	0.50	49.60	0.03	0.01	3.00	0.01	0.09	2.60	29.00	0.05	16.30	103.00		4.3
1266584	0.70	0.90	134.80	0.03	0.08	0.50	0.01	0.60	1.60	30.00	0.20	23.86	151.50		0.8
1266585	0.50	1.90	361.90	0.03	0.03	0.20	0.00	0.35	1.90	21.00	0.05	23.16	135.00		0.7
1266586	0.60	0.60	52.20	0.03	0.03	0.30	0.00	0.22	1.00	21.00	0.05	16.46	161.70		0.7
1266587	0.80	2.30	215.80	0.03	0.05	0.70	0.01	0.15	1.00	39.00	0.10	24.69	139.30		1.3
1266588	0.70	0.80	23.80	0.03	0.03	0.80	0.01	0.30	0.90	45.00	0.05	18.54	324.50		1.6
1266589	0.70	1.40	75.00	0.03	0.09	1.60	0.01	0.22	0.70	26.00	0.10	17.88	134.20		2.9
1266590	0.60	0.60	36.30	0.03	0.09	0.80	0.01	0.20	0.90	33.00	0.10	10.40	146.70		1.1
1266591	0.20	0.20	218.30	0.03	0.07	0.30	0.00	0.06	0.40	7.00	0.05	3.10	68.10		0.7
1266592	0.80	1.00	53.80	0.03	0.08	1.60	0.01	0.41	0.80	28.00	0.10	12.59	204.60		2.1
1266593															
1266594															
1266595	0.30	3.00	10.70	0.03	0.04	2.40	0.00	0.12	0.80	34.00	0.05	6.13	228.40		1.6
1266596	0.80	1.20	63.50	0.03	0.04	0.50	0.01	0.17	1.30	37.00	0.10	25.15	273.20		0.7
1266597	0.70	1.40	60.80	0.03	0.05	0.20	0.00	0.13	0.70	12.00	0.05	11.80	136.40		0.3
1266598	1.70	0.60	69.90	0.03	0.09	0.90	0.01	0.88	6.30	18.00	0.30	26.03	1050.50		1.1
1266599	1.00	2.50	37.80	0.03	0.08	1.40	0.01	0.30	2.00	39.00	0.10	23.90	336.20		2.5
1266600	0.90	1.80	24.40	0.03	0.03	1.00	0.01	0.32	1.90	43.00	0.05	26.42	845.80		2.1
1266601	0.50	2.10	22.50	0.03	0.01	3.90	0.00	0.22	1.60	35.00	0.05	14.34	95.20		7.9
1266602	0.40	1.10	8.90	0.03	0.05	3.00	0.00	0.26	1.00	52.00	0.05	8.88	121.10		8.2
1266603	0.60	2.50	36.90	0.03	0.01	2.90	0.00	0.35	1.00	66.00	0.05	10.49	129.20		9.8
1266604	0.50	0.90	46.00	0.03	0.01	3.30	0.00	0.29	1.20	42.00	0.05	13.59	107.10		8.8
1266605	0.30	1.80	37.90	0.03	0.01	3.50	0.00	0.26	0.80	36.00	0.05	11.20	81.30		7.4
1266606	0.40	1.00	20.50	0.03	0.01	3.00	0.01	0.25	0.90	45.00	0.05	9.57	79.10		6
1266607	0.50	0.60	38.60	0.03	0.01	0.80	0.01	0.36	1.10	24.00	0.05	7.43	187.10		0.7
1266608	0.70	0.80	24.10	0.03	0.03	1.40	0.01	0.39	1.40	33.00	0.10	12.24	532.00		2.2
1266609	0.80	2.40	19.70	0.03	0.01	0.70	0.01	0.34	1.60	31.00	0.05	9.35	904.60		1.2
1266610	0.30	1.10	53.10	0.03	0.06	0.60	0.01	1.65	2.40	10.00	0.05	7.12	991.60		0.8
1266611	0.30	2.90	53.10	0.03	0.04	0.90	0.00	1.49	2.60	7.00	0.05	6.42	1110.60		0.8
1266612	0.60	2.10	32.40	0.03	0.04	2.70	0.00	0.33	2.30	16.00	0.05	20.20	301.50		3.5
1266613	0.60	2.00	40.70	0.03	0.03	2.30	0.00	0.11	2.90	21.00	0.05	10.11	86.30		3.8
1266614	0.80	1.20	48.00	0.03	0.03	2.90	0.00	0.22	2.70	24.00	0.05	13.62	114.90		5.9
1266615	0.80	1.10	41.30	0.03	0.01	2.10	0.00	0.11	1.70	30.00	0.05	14.26	107.00		3.9
1266616	0.90	2.00	39.00	0.03	0.04	2.10	0.01	0.13	1.90	31.00	0.05	17.00	87.80		5.3
1266617	0.80	2.90	24.30	0.03	0.03	3.10	0.01	0.13	1.50	35.00	0.05	14.78	94.90		6.9
1266618	1.10	2.50	39.30	0.03	0.02	6.30	0.01	0.08	1.30	30.00	0.05	14.05	87.40		5.9
1266619	1.30	6.80	59.30	0.03	0.01	0.90	0.01	0.08	1.80	11.00	0.05	13.39	55.80		4.3
1266620	0.40	2.00	63.50	0.03	0.01	9.20	0.01	0.04	0.90	13.00	0.05	10.93	75.50		10.1
1266621	0.50	3.20	152.10	0.03	0.01	7.40	0.00	0.04	1.40	13.00	0.05	12.07	69.40		7.2
1266622	0.10	2.00	45.70	0.03	0.01	5.70	0.00	0.06	1.40	16.00	0.05	12.62	93.80		5.6
1266623	0.10	2.10	12.70	0.03	0.01	1.90	0.00	0.10	0.70	17.00	0.05	13.88	76.60		1.3
1266624	0.20	2.70	25.90	0.03	0.02	2.30	0.00	0.09	1.20	21.00	0.05	19.99	152.50		1.9
1266625	0.20	2.30	14.70	0.03	0.01	2.00	0.00	0.07	1.30	14.00	0.05	8.50	47.00		1.2
1266626	0.80	1.80	35.80	0.03	0.01	0.30	0.00	0.08	8.10	14.00	0.05	13.53	52.90		0.9
1266627	0.05	6.20	8.70	0.03	0.03	1.70	0.00	0.11	0.70	27.00	0.05	3.86	91.20		0.2
1266628	0.30	2.80	82.40	0.03	0.01	1.10	0.00	0.54	1.50	7.00	0.05	4.52	870.70		0.6
1266629	0.50	1.80	161.50	0.03	0.01	0.50	0.00	1.45	3.30	13.00	0.05	6.27	1880.50		0.7
1266630	0.40	0.50	53.30	0.03	0.01	0.70	0.00	2.83	1.40	7.00	0.05	3.23	1333.30		0.5
1266631	0.90	8.60	226.30	0.03	0.01	0.70	0.00	0.28	10.20	13.00	0.05	10.41	80.60		2.5
1266632	0.60	3.50	113.80	0.03	0.01	1.80	0.00	0.50	3.50	19.00	0.05	10.64	208.30		3.7
1266633	1.10	3.70	60.00	0.03	0.01	4.50	0.00	0.23	1.60	25.00	0.05	8.80	96.40		2.6
1266634	1.10	1.40	55.20	0.03	0.01	2.00	0.01	0.42	2.50	29.00	0.05	13.14	108.60		3.2

Scarlet West Property (Car & Lin Claims) - 2011 Soil Sample Locations and Analytical Results																							
Sample No.	Sampler	Sample Date	grid_type	north	east	elevation	lab_ref_number	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	
1266635	BI	27/08/2011	UTM83-8	7129298	595101	1306	WHI11001354	79.00	1.77	5.00	4.40	6.00	125.20	1.10	0.26	1.31	0.29	48.60	11.70	41.20	6.76	52.89	
1266636	BI	27/08/2011	UTM83-8	7129350	595100	1304	WHI11001354	52.00	1.36	2.10	3.90	4.00	85.70	1.00	0.20	0.88	0.23	51.40	9.70	39.40	3.31	27.72	
1266637	BI	27/08/2011	UTM83-8	7129401	595097	1299	WHI11001354	75.00	1.87	7.00	4.30	5.00	192.30	1.10	0.22	1.26	0.20	50.80	12.10	46.50	4.53	40.64	
1266638	BI	27/08/2011	UTM83-8	7129450	595101	1264	WHI11001354	49.00	1.03	4.00	2.70	7.00	333.20	0.90	0.17	2.39	0.38	32.50	9.20	30.90	2.46	26.69	
1266639	BI	27/08/2011	UTM83-8	7129499	595099	1255	WHI11001354	46.00	1.56	5.50	2.50	5.00	159.50	0.70	0.22	1.47	0.43	40.10	8.50	35.00	2.28	31.76	
1266640	BI	27/08/2011	UTM83-8	7129550	595097	1257	WHI11001354	66.00	1.26	6.00	1.80	6.00	186.80	1.00	0.29	2.59	0.36	32.50	10.90	31.00	4.99	25.78	
1266641	BI	28/08/2011	UTM83-8	7127801	596099	1656	WHI11001355	21.00	0.67	1.60	0.10	9.00	309.70	0.80	0.12	11.88	0.10	22.80	9.60	12.10	0.74	12.24	
1266642	BI	28/08/2011	UTM83-8	7127849	596101	1661	WHI11001355	17.00	0.58	1.70	0.10	9.00	202.20	1.00	0.10	14.34	0.07	26.20	10.20	13.00	0.71	11.91	
1266643	BI	28/08/2011	UTM83-8	7127902	596099	1669	WHI11001355	14.00	0.43	1.50	0.10	7.00	120.80	0.60	0.06	25.21	0.03	25.20	6.40	9.70	0.54	8.16	
1266644	BI	28/08/2011	UTM83-8	7127953	596100	1672	WHI11001355	9.00	0.39	2.00	0.10	7.00	104.50	0.70	0.07	19.73	0.02	23.60	8.70	7.50	0.75	8.78	
1266645	BI	28/08/2011	UTM83-8	7128001	596098	1673	WHI11001355	14.00	0.47	1.80	0.10	7.00	100.00	0.80	0.09	16.72	0.05	24.60	8.60	9.10	1.27	11.09	
1266646	BI	28/08/2011	UTM83-8	7128050	596099	1680	WHI11001355	15.00	0.46	1.70	0.10	7.00	142.40	0.80	0.09	19.66	0.04	27.60	8.60	10.30	0.65	11.54	
1266647	BI	28/08/2011	UTM83-8	7128104	596097	1682	WHI11001355	15.00	0.45	2.10	0.10	6.00	112.30	0.90	0.08	20.45	0.04	29.00	9.10	10.40	0.87	10.31	
1266648	BI	28/08/2011	UTM83-8	7128152	596099	1680	WHI11001355	35.00	0.69	2.90	0.10	9.00	155.10	1.30	0.15	7.28	0.08	35.10	12.70	14.10	1.07	16.27	
1266649	BI	28/08/2011	UTM83-8	7128200	596098	1678	WHI11001355	27.00	0.54	2.90	0.10	7.00	109.20	0.80	0.12	17.29	0.08	35.20	9.20	11.80	0.79	11.90	
1266650	BI	28/08/2011	UTM83-8	7128252	596098	1680	WHI11001355	66.00	0.92	4.50	0.10	9.00	181.40	1.50	0.19	3.13	0.22	38.60	16.60	22.70	1.93	20.42	
1266651	CM	27/08/2011	UTM83-8	7123096	600002	1347	WHI11001354	59.00	1.51	12.60	1.90	0.50	131.70	1.30	0.30	0.10	0.10	24.40	15.20	28.20	2.96	47.37	
1266652	CM	27/08/2011	UTM83-8	7123104	600050	1358	WHI11001354	31.00	1.78	10.90	0.90	2.00	105.20	1.40	0.32	0.07	0.16	23.40	11.40	29.70	3.06	31.26	
1266653	CM	27/08/2011	UTM83-8	7123100	600097	1367	WHI11001354	35.00	1.42	11.70	1.50	2.00	126.20	1.20	0.33	0.04	0.14	14.80	12.90	29.10	4.14	18.16	
1266654	CM	27/08/2011	UTM83-8	7123099	600150	1386	WHI11001354	19.00	1.43	11.40	1.20	1.00	152.70	1.90	0.34	0.04	0.14	12.70	18.10	29.20	4.34	15.16	
1266655	CM	27/08/2011	UTM83-8	7123103	600201	1399	WHI11001354	8.00	1.08	10.30	0.50	2.00	88.40	1.20	0.38	0.03	0.10	6.60	24.70	34.40	3.88	99.84	
1266656	CM	27/08/2011	UTM83-8	7123101	600249	1405	WHI11001354	12.00	1.26	8.60	0.30	0.50	84.70	0.60	0.34	0.04	0.14	21.40	14.30	24.60	1.65	13.88	
1266657	CM	27/08/2011	UTM83-8	7123232	600314	1389	WHI11001354	38.00	0.39	14.20	1.40	0.50	81.10	0.30	0.60	0.09	0.01	12.50	4.30	5.50	1.36	13.88	
1266658	CM	27/08/2011	UTM83-8	7123104	600299	1385	WHI11001354	33.00	1.56	9.30	0.30	0.50	91.70	0.80	0.32	0.06	0.24	23.30	12.50	29.40	1.72	25.83	
1266659	CM	27/08/2011	UTM83-8	7123102	600355	1385	WHI11001354	47.00	1.38	6.40	0.50	2.00	105.60	1.00	0.42	0.05	0.32	15.30	24.40	25.10	3.00	16.30	
1266660	CM	27/08/2011	UTM83-8	7123103	600405	1382	WHI11001354	33.00	0.67	5.60	0.10	1.00	43.30	0.30	0.07	9.37	1.69	10.60	3.50	8.30	0.37	4.18	
1266661	CM	27/08/2011	UTM83-8	7123177	600399	1381	WHI11001354	15.00	0.48	7.30	5.00	3.00	101.40	0.40	0.51	0.13	0.14	4.20	4.90	6.10	2.04	8.05	
1266662	CM	27/08/2011	UTM83-8	7123096	600447	1376	WHI11001354	71.00	0.40	3.70	1.90	3.00	112.10	0.70	0.13	9.82	13.54	9.40	3.20	6.50	0.40	5.08	
1266663	CM	27/08/2011	UTM83-8	7123103	600505	1379	WHI11001354	185.00	0.09	3.00	1.00	4.00	23.10	0.20	0.06	9.22	46.81	6.00	1.50	2.30	0.15	2.98	
1266664	CM	27/08/2011	UTM83-8	7123102	600549	1367	WHI11001354	123.00	0.69	6.00	1.70	4.00	197.40	0.60	0.11	7.87	22.17	15.60	4.60	10.80	0.37	10.52	
1266665	CM	27/08/2011	UTM83-8	7123102	600600	1352	WHI11001354	85.00	1.68	10.20	2.00	2.00	213.50	0.90	0.25	1.96	4.77	19.30	6.90	23.90	1.03	11.74	
1266666	CM	27/08/2011	UTM83-8	7123097	600647	1331	WHI11001354	95.00	1.87	13.50	0.90	2.00	231.40	1.60	0.27	0.82	3.59	30.60	9.50	27.20	0.94	13.80	
1266667	CM	27/08/2011	UTM83-8	7123096	600700	1303	WHI11001354	164.00	1.52	15.70	2.00	3.00	181.20	1.20	0.19	2.40	7.41	24.00	8.90	22.60	0.71	14.83	
1266668	CM	27/08/2011	UTM83-8	7123100	600754	1281	WHI11001354	52.00	1.27	8.80	1.50	4.00	157.80	0.80	0.27	1.12	1.56	10.70	7.40	19.40	1.37	13.33	
1266669	CM	27/08/2011	UTM83-8	7123100	600803	1259	WHI11001354	51.00	0.94	11.20	1.10	5.00	89.60	0.80	0.32	0.96	2.09	12.70	8.40	17.30	1.61	15.49	
1266670	CM	27/08/2011	UTM83-8	7123102	600847	1246	WHI11001354	129.00	0.94	12.10	1.60	2.00	110.60	0.70	0.21	0.37	5.05	20.80	6.90	17.00	0.86	15.64	
1266671	CM	27/08/2011	UTM83-8	7123099	600903	1242	WHI11001354	53.00	1.84	7.40	0.90	2.00	149.50	0.60	0.28	0.57	0.45	22.90	8.70	27.10	1.47	10.98	
1266672	CM	27/08/2011	UTM83-8	7123101	600948	1238	WHI11001354	69.00	1.81	7.70	0.10	2.00	201.20	0.60	0.28	0.68	1.71	21.70	9.50	27.70	1.25	14.81	
1266673	CM	27/08/2011	UTM83-8	7123101	601004	1236	WHI11001354	21.00	0.94	7.90	0.60	2.00	76.40	0.50	0.32	0.30	0.63	21.40	10.50	14.60	1.41	18.55	
1266674	CM	27/08/2011	UTM83-8	7123103	601055	1238	WHI11001354	67.00	1.42	5.90	0.30	1.00	99.50	0.70	0.36	0.10	0.20	14.00	10.70	16.10	1.48	22.08	
1266675	CM	27/08/2011	UTM83-8	7123101	601098	1225	WHI11001354	78.00	1.19	10.20	0.70	2.00	95.40	1.20	0.34	0.93	0.36	36.30	9.90	19.80	0.88	21.78	
1266676	CM	27/08/2011	UTM83-8	7123104	601153	1212	WHI11001354	173.00	1.12	9.70	5.00	4.00	120.90	0.70	0.21	1.85	0.64	35.70	8.80	20.10	1.02	23.98	
1266677	CM	27/08/2011	UTM83-8	7123099	601206	1204	WHI11001354	56.00	1.91	8.50	1.20	2.00	228.90	0.80	0.29	0.60	0.36	29.40	10.30	35.00	1.58	19.76	
1266678	CM	27/08/2011	UTM83-8	7123104	601252	1202	WHI11001354	121.00	2.65	5.80	0.70	2.00	161.00	1.20	0.28	0.49	0.38	35.10	9.40	46.90	1.57	19.32	
1266679	CM	27/08/2011	UTM83-8	7123103	601303	1208	WHI11001354	32.00	2.92	2.40	1.70	2.00	128.50	0.90	0.19	0.29	0.17	38.20	10.20	47.80	1.69	23.52	
1266680	CM	27/08/2011	UTM83-8	7123103	601347	1200	WHI11001354																
1266681	CM	27/08/2011	UTM83-8	7123099	601397	1180	WHI11001354	64.00	1.99	9.00	1.90	3.00	146.20	1.10	0.19	1.04	0.66	34.20	8.90	46.50	0.60	21.87	
1266682	CM	27/08/2011	UTM83-8	7122990	601022	1204	WHI11001354	141.00	0.30	5.40	1.30	3.00	54.10	0.50	0.11	1.01	0.39	13.60	6.70	5.90	1.52	14.39	
1266701	AJ	27/08/2011	UTM83-8	7130454	597847	1484	WHI11001355	136.00	1.00	28.20	2.50	4.00	128.40	0.70	0.33	2.51	0.20	36.90	14.90	22.70	1.61	35.09	
1266702	AJ	27/08/2011	UTM83-8	7130401	597848	1495	WHI11001355	186.00	1.69	29.50	1.40	2.00	162.80	0.80	0.28	0.78	0.65	32.50	11.50	26.10	1.41	22.54	
1266703	AJ	27/08/2011	UTM83-8	7130347	597844	1485	WHI11001355	152.00	1.66	20.90	2.00	2.00	135.50	0.70</									

Sample No.	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppb	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppb	S_pct	Sb_ppm	Sc_ppm
1266635	2.62	5.30	0.05	0.12	106.00	0.03	0.17	25.10	37.40	1.71	494.00	0.57	0.01	0.39	25.60	0.08	25.60	5.00	1.00	15.50	0.50	0.07	0.34	5.20
1266636	2.54	4.00	0.05	0.08	73.00	0.04	0.14	28.00	25.90	1.28	230.00	0.52	0.01	0.22	27.10	0.06	16.31	5.00	1.00	12.20	0.50	0.06	0.22	7.00
1266637	2.60	5.60	0.05	0.11	92.00	0.04	0.15	26.70	43.20	2.27	322.00	0.65	0.01	0.28	29.20	0.06	21.85	5.00	1.00	13.60	0.50	0.04	0.36	5.40
1266638	1.79	3.00	0.05	0.10	98.00	0.02	0.11	16.80	20.40	1.21	400.00	0.94	0.01	0.28	23.90	0.09	13.52	5.00	1.00	8.90	0.50	0.11	0.42	3.40
1266639	2.01	4.30	0.05	0.11	48.00	0.03	0.10	21.70	31.10	1.52	174.00	0.44	0.01	0.26	24.00	0.07	24.47	5.00	1.00	9.20	0.50	0.09	0.24	3.50
1266640	2.46	3.60	0.05	0.11	94.00	0.04	0.12	16.30	23.40	0.81	479.00	0.56	0.01	0.31	30.90	0.07	30.16	5.00	1.00	11.50	1.00	0.09	0.34	4.70
1266641	2.31	1.80	0.05	0.10	2.50	0.03	0.22	8.80	4.70	0.26	434.00	0.68	0.00	0.29	19.90	0.05	13.79	5.00	1.00	10.90	0.50	0.04	0.05	3.00
1266642	2.36	1.50	0.05	0.07	2.50	0.04	0.18	11.20	5.20	1.00	320.00	1.03	0.01	0.20	21.80	0.05	7.71	5.00	1.00	8.40	0.50	0.01	0.10	3.50
1266643	1.56	1.20	0.05	0.05	2.50	0.02	0.14	11.10	4.10	0.28	237.00	0.51	0.01	0.10	16.40	0.04	7.76	5.00	1.00	6.30	0.50	0.01	0.04	2.70
1266644	1.65	1.10	0.05	0.10	2.50	0.02	0.15	10.90	4.80	0.83	215.00	0.72	0.01	0.06	19.70	0.04	9.53	5.00	1.00	6.80	1.00	0.01	0.06	3.40
1266645	1.89	1.30	0.05	0.08	2.50	0.02	0.17	10.80	5.50	0.70	275.00	0.80	0.01	0.07	20.80	0.05	8.55	5.00	1.00	9.10	0.50	0.01	0.04	3.40
1266646	2.10	1.30	0.05	0.07	2.50	0.03	0.14	12.30	6.00	0.63	294.00	0.60	0.01	0.11	16.70	0.06	8.20	5.00	1.00	6.70	0.50	0.01	0.04	3.60
1266647	1.99	1.40	0.05	0.07	2.50	0.03	0.15	13.00	5.40	0.66	305.00	0.68	0.01	0.07	18.90	0.05	8.41	5.00	1.00	7.10	0.50	0.01	0.05	3.80
1266648	2.95	1.80	0.05	0.11	18.00	0.04	0.18	16.10	7.30	0.42	342.00	1.21	0.01	0.35	30.80	0.08	13.84	5.00	1.00	9.20	0.50	0.07	0.12	3.30
1266649	2.21	1.50	0.05	0.06	2.50	0.03	0.15	14.50	5.10	0.30	349.00	1.32	0.01	0.09	22.80	0.07	11.68	5.00	1.00	7.20	0.50	0.01	0.06	3.40
1266650	3.63	2.60	0.05	0.14	2.50	0.05	0.28	20.00	9.80	0.48	276.00	2.66	0.00	0.31	48.60	0.10	17.43	5.00	1.00	14.80	0.50	0.04	0.23	6.10
1266651	3.24	4.70	0.05	0.02	46.00	0.04	0.10	12.00	25.80	0.44	986.00	1.19	0.01	0.52	27.40	0.05	26.53	5.00	1.00	12.00	0.50	0.02	0.54	3.00
1266652	3.45	5.40	0.05	0.01	34.00	0.03	0.12	11.40	28.10	0.41	778.00	1.20	0.01	0.65	24.30	0.05	26.22	5.00	1.00	15.30	0.50	0.02	0.65	2.70
1266653	3.36	5.10	0.05	0.01	36.00	0.03	0.15	7.00	16.10	0.26	918.00	1.01	0.01	0.43	21.20	0.06	30.52	5.00	1.00	17.90	0.50	0.04	0.65	2.40
1266654	3.55	4.80	0.05	0.01	26.00	0.04	0.16	5.50	15.50	0.32	1908.00	1.03	0.01	0.40	26.50	0.05	40.86	5.00	1.00	18.70	0.50	0.03	0.64	3.50
1266655	4.14	3.60	0.05	0.01	26.00	0.05	0.19	2.00	14.10	0.26	2358.00	0.52	0.01	0.23	31.20	0.02	34.28	5.00	1.00	16.20	0.50	0.01	0.51	4.60
1266656	3.14	5.60	0.05	0.01	31.00	0.02	0.10	10.30	14.10	0.18	1438.00	1.48	0.00	0.72	15.60	0.04	28.12	5.00	1.00	15.90	0.50	0.01	0.79	1.90
1266657	2.34	1.80	0.05	0.01	50.00	0.05	0.09	6.10	3.20	0.04	70.00	3.49	0.01	0.01	5.90	0.01	127.30	5.00	1.00	7.20	0.50	0.05	0.71	2.00
1266658	3.37	5.40	0.05	0.01	42.00	0.04	0.10	10.60	17.80	0.33	1074.00	1.24	0.00	0.43	18.50	0.06	29.24	5.00	1.00	14.50	0.50	0.04	0.62	1.60
1266659	4.34	5.00	0.05	0.01	55.00	0.04	0.14	6.90	16.30	0.14	1897.00	1.23	0.00	0.63	16.70	0.05	26.53	5.00	1.00	22.60	0.50	0.02	0.53	3.80
1266660	2.11	1.20	0.05	0.01	74.00	0.01	0.03	5.70	3.40	6.76	1833.00	1.42	0.01	0.11	5.30	0.14	3976.21	5.00	1.00	4.10	0.50	0.08	0.17	0.90
1266661	3.11	1.50	0.05	0.01	31.00	0.08	0.16	2.30	1.80	0.10	155.00	0.28	0.00	0.06	7.50	0.02	55.48	5.00	1.00	9.60	0.50	0.01	0.35	2.60
1266662	8.17	1.40	0.05	0.01	361.00	0.01	0.02	5.30	2.30	7.55	4607.00	0.49	0.01	0.09	4.50	0.12	564.48	5.00	1.00	3.40	0.50	0.09	0.18	1.00
1266663	7.28	1.20	1.10	0.01	373.00	0.01	0.02	3.60	0.70	6.71	2652.00	0.69	0.01	0.02	1.80	0.06	1603.30	5.00	1.00	1.00	0.50	0.38	0.05	0.70
1266664	9.12	1.90	0.05	0.02	152.00	0.01	0.03	9.10	4.30	5.24	4170.00	0.64	0.01	0.14	10.50	0.14	410.41	5.00	1.00	3.10	0.50	0.09	0.31	1.50
1266665	10.12	4.30	0.05	0.02	497.00	0.03	0.04	11.70	9.10	1.07	2285.00	1.95	0.00	0.46	14.10	0.20	2234.42	5.00	1.00	8.40	0.50	0.11	0.55	1.80
1266666	9.90	5.20	0.10	0.05	91.00	0.03	0.04	17.80	8.60	0.39	8461.00	2.37	0.00	0.47	18.50	0.18	179.55	5.00	1.00	9.40	0.50	0.11	0.62	2.70
1266667	13.14	4.10	0.10	0.05	249.00	0.01	0.03	15.50	6.60	1.20	7451.00	5.31	0.00	0.36	19.60	0.19	370.82	5.00	1.00	5.80	0.50	0.13	0.41	2.50
1266668	2.65	4.30	0.05	0.04	48.00	0.03	0.10	5.60	7.70	0.35	932.00	1.27	0.00	0.55	13.40	0.11	62.80	5.00	1.00	13.50	0.50	0.11	0.24	2.40
1266669	3.61	3.10	0.05	0.03	55.00	0.03	0.11	7.00	9.30	0.41	608.00	1.73	0.00	0.54	18.50	0.06	155.55	5.00	1.00	12.40	0.50	0.07	0.40	3.20
1266670	19.12	2.80	0.10	0.06	379.00	0.03	0.06	12.60	6.60	0.27	2518.00	1.41	0.00	0.32	14.40	0.13	716.01	5.00	1.00	7.70	0.50	0.07	0.34	3.50
1266671	3.11	6.00	0.05	0.02	39.00	0.03	0.05	10.90	16.50	0.45	1172.00	1.29	0.00	0.89	16.70	0.07	51.61	5.00	1.00	9.80	0.50	0.05	0.40	2.50
1266672	3.12	6.10	0.05	0.01	39.00	0.03	0.05	10.00	17.30	0.46	857.00	1.11	0.00	0.81	16.90	0.05	31.31	5.00	1.00	9.40	0.50	0.03	0.40	2.80
1266673	3.26	3.00	0.05	0.01	21.00	0.05	0.08	6.80	11.00	0.13	354.00	0.68	0.00	0.33	19.10	0.03	40.31	5.00	1.00	11.20	0.50	0.01	0.36	2.30
1266674	4.08	3.90	0.05	0.02	23.00	0.05	0.06	4.80	17.00	0.15	454.00	0.61	0.00	0.25	20.30	0.03	31.14	5.00	1.00	9.90	0.50	0.01	0.36	2.50
1266675	3.78	2.90	0.05	0.06	129.00	0.04	0.09	16.20	10.20	0.42	375.00	0.70	0.00	0.39	25.30	0.06	30.11	5.00	1.00	8.70	0.50	0.03	0.40	4.50
1266676	2.25	3.30	0.05	0.06	105.00	0.03	0.08	24.00	15.80	0.31	407.00	0.60	0.00	0.55	19.60	0.07	18.68	5.00	1.00	9.40	0.50	0.08	0.37	2.60
1266677	2.83	6.90	0.05	0.02	30.00	0.04	0.07	14.40	26.30	0.68	480.00	0.98	0.00	0.93	19.90	0.07	18.33	5.00	1.00	11.20	0.50	0.04	0.45	2.90
1266678	3.04	7.80	0.05	0.06	28.00	0.04	0.07	15.50	45.30	1.39	305.00	0.50	0.00	0.68	27.00	0.05	16.56	5.00	1.00	14.50	0.50	0.03	0.26	4.00
1266679	2.74	8.60	0.05	0.10	11.00	0.04	0.07	18.30	53.70	1.86	234.00	0.31	0.00	0.36	27.20	0.01	13.75	5.00	1.00	15.80	0.50	0.01	0.17	2.90
1266680																								
1266681	2.44	6.20	0.05	0.11	29.00	0.03	0.08	16.90	53.60	1.89	311.00	0.44	0.00	0.53	23.20	0.05	13.57	5.00	1.00	10.50	0.50	0.04	0.33	4.30
1266682	31.43	1.00	0.10	0.06	72.00	0.01	0.03	7.50	3.60	0.12	2111.00	0.70	0.00	0.15	21.10	0.05	30.46	5.00	1.00	3.80	0.50	0.04	0.23	2.50
1266701	3.44	3.20	0.05	0.05	238.00	0.05	0.09	17.50	8.40	0.28	419.00	0.99	0.01	0.31	29.60	0.08	36.33	5.00	1.00	7.30	0.50	0.04	1.10	3.90
1266702	3.42	4.70	0.05	0.03	302.00	0.04	0.06	14.70	11.70	0.35	615.00	1.06	0.00	0.40	25.90	0.07	55.07	5.00	1.00	8.80	0.50	0.04	2.18	3.30
1266703	3.01	4.60	0.05	0.01	131.00	0.02	0.06	10.90	11.70	0.47	943.00	1.11	0.01	0.61	22.40	0.09	72.41	5.00	1.00	8.90	0.50	0.07	1.04	1.90
1266704	3.49	4.10	0.05	0																				

Sample No.	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Ti_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zn_pct	Zr_ppm
1266635	1.10	5.30	45.40	0.03	0.01	3.20	0.01	0.16	1.50	29.00	0.05	17.21	106.40		3.6
1266636	1.50	1.50	30.50	0.03	0.01	4.10	0.00	0.14	1.80	22.00	0.05	15.50	98.80		3
1266637	1.10	4.70	37.00	0.03	0.02	4.60	0.00	0.19	1.50	30.00	0.05	16.53	94.40		4.8
1266638	1.00	2.00	67.00	0.03	0.01	2.30	0.00	0.16	2.70	18.00	0.05	12.37	93.60		5
1266639	0.50	3.10	39.80	0.03	0.01	2.90	0.00	0.10	1.20	19.00	0.05	12.02	111.30		5.1
1266640	0.50	8.20	76.00	0.03	0.02	2.50	0.01	0.11	2.90	15.00	0.05	12.11	119.30		4.1
1266641	0.20	0.60	258.90	0.03	0.01	2.20	0.00	0.18	0.50	9.00	0.05	11.05	78.90		4.6
1266642	0.30	0.60	593.40	0.03	0.01	2.50	0.00	0.21	0.60	17.00	0.05	9.48	63.80		4.7
1266643	0.40	0.50	1048.80	0.03	0.01	1.80	0.00	0.11	0.40	7.00	0.05	7.82	26.70		3
1266644	0.20	0.30	892.10	0.03	0.01	3.50	0.00	0.06	0.50	5.00	0.05	7.08	32.90		7.7
1266645	0.20	0.80	751.00	0.03	0.01	3.30	0.00	0.15	0.70	11.00	0.05	8.50	58.30		6.6
1266646	0.20	0.40	882.60	0.03	0.01	2.70	0.00	0.06	0.60	7.00	0.05	10.06	52.50		4.6
1266647	0.20	0.60	948.80	0.03	0.01	3.00	0.00	0.09	0.60	9.00	0.05	9.64	46.90		5.7
1266648	0.40	1.00	315.70	0.03	0.01	1.80	0.00	0.17	0.60	12.00	0.05	11.29	67.40		6.5
1266649	0.30	0.70	702.90	0.03	0.01	2.60	0.00	0.08	0.70	11.00	0.05	11.72	53.80		4.2
1266650	0.40	1.60	99.50	0.03	0.01	3.40	0.00	0.51	1.00	45.00	0.05	15.98	88.40		8.5
1266651	0.30	1.70	10.10	0.03	0.03	4.20	0.01	0.11	1.20	38.00	0.10	6.81	82.00		0.6
1266652	0.30	1.40	9.40	0.03	0.03	2.70	0.01	0.16	0.90	46.00	0.20	5.60	92.90		0.4
1266653	0.30	2.00	9.60	0.03	0.04	1.50	0.01	0.13	1.00	42.00	0.10	4.79	80.90		0.2
1266654	0.30	3.30	9.50	0.03	0.05	2.80	0.01	0.12	1.90	42.00	0.20	6.24	67.40		0.3
1266655	0.05	3.50	18.50	0.03	0.05	6.70	0.01	0.14	1.10	27.00	0.10	4.77	85.70		0.3
1266656	0.40	1.60	8.20	0.03	0.07	2.60	0.02	0.14	0.70	55.00	0.10	2.67	74.10		0.3
1266657	0.05	1.50	25.50	0.03	0.05	3.80	0.00	0.22	0.20	6.00	0.05	3.33	26.10		0.9
1266658	0.40	2.60	8.90	0.03	0.04	0.80	0.01	0.15	0.90	47.00	0.10	4.75	108.20		0.2
1266659	0.30	2.80	5.80	0.03	0.10	4.20	0.01	0.15	0.70	35.00	0.05	3.97	107.40		0.7
1266660	0.30	1.60	50.30	0.03	0.01	0.50	0.00	0.13	0.90	13.00	0.05	5.54	602.90		0.3
1266661	0.05	1.20	5.80	0.03	0.04	2.30	0.00	0.17	0.30	9.00	0.05	3.30	26.70		0.9
1266662	0.60	1.10	41.50	0.03	0.01	0.50	0.00	1.33	1.10	11.00	0.05	5.55	3895.40		0.6
1266663	0.80	0.40	42.90	0.03	0.01	0.60	0.00	3.87	1.30	3.00	0.05	3.69	10000.00	2.17	0.4
1266664	0.90	2.70	44.50	0.03	0.01	1.00	0.01	3.01	2.20	16.00	0.05	8.49	10000.00	1.17	0.6
1266665	0.60	1.00	14.60	0.03	0.04	0.90	0.01	1.34	3.20	44.00	0.10	10.93	3084.70		0.7
1266666	0.60	1.00	10.80	0.03	0.09	1.60	0.01	1.16	3.20	47.00	0.10	17.39	1512.80		1.6
1266667	0.90	1.20	17.40	0.03	0.06	1.40	0.01	1.11	5.20	39.00	0.05	16.03	2717.60		1.7
1266668	0.20	9.70	16.80	0.03	0.04	1.20	0.00	0.37	0.90	26.00	0.05	4.60	554.00		1.2
1266669	0.20	0.90	12.60	0.03	0.04	2.10	0.00	0.42	0.80	23.00	0.05	6.00	1287.20		1
1266670	0.50	1.30	7.40	0.03	0.05	3.40	0.00	7.73	3.00	23.00	0.05	13.38	2292.30		1.8
1266671	0.30	0.90	12.20	0.03	0.04	1.70	0.01	0.43	1.00	52.00	0.10	5.13	239.40		0.8
1266672	0.20	2.50	11.80	0.03	0.05	1.80	0.01	0.22	1.30	55.00	0.10	3.75	252.70		0.5
1266673	0.20	1.80	21.40	0.03	0.07	3.60	0.00	0.15	0.80	28.00	0.05	4.36	149.60		1.5
1266674	0.20	1.60	7.40	0.03	0.07	3.90	0.00	0.11	0.50	29.00	0.05	4.09	84.00		1.4
1266675	0.20	1.40	22.80	0.03	0.08	3.10	0.00	0.23	1.60	28.00	0.05	17.62	81.40		2.2
1266676	0.70	1.90	75.90	0.03	0.03	1.40	0.01	0.20	7.60	27.00	0.05	12.46	113.70		2.5
1266677	0.30	1.80	25.80	0.03	0.05	1.90	0.01	0.16	3.00	57.00	0.10	4.73	90.20		0.9
1266678	0.20	1.50	24.00	0.03	0.04	3.20	0.01	0.16	5.80	57.00	0.05	7.61	138.60		1.8
1266679	0.10	1.70	17.20	0.03	0.01	5.00	0.01	0.16	1.10	58.00	0.05	3.73	91.00		5.4
1266680															
1266681	0.60	0.80	51.90	0.03	0.03	2.90	0.01	0.08	4.40	39.00	0.05	10.34	87.00		4.5
1266682	0.60	0.30	87.40	0.03	0.02	2.20	0.00	16.14	3.70	9.00	0.05	8.13	5712.70		2.6
1266701	0.50	4.10	98.80	0.03	0.07	2.20	0.01	0.66	0.80	32.00	0.10	15.84	89.40		1.3
1266702	0.40	0.70	20.80	0.03	0.06	1.50	0.01	0.30	0.90	44.00	0.20	12.97	212.80		0.5
1266703	0.50	0.90	19.20	0.03	0.05	0.80	0.01	0.19	0.90	43.00	0.20	10.29	368.40		0.5
1266704	0.60	0.90	77.90	0.03	0.06	0.90	0.01	0.38	1.00	42.00	0.10	13.94	666.50		0.7
1266705	0.50	11.10	7.20	0.03	0.05	0.80	0.02	0.13	0.70	47.00	0.20	3.38	89.40		0.3
1266706	0.50	2.80	7.70	0.03	0.03	0.90	0.02	0.13	0.70	46.00	0.10	3.42	89.90		0.2
1266707	0.40	10.10	8.00	0.03	0.07	1.30	0.01	0.14	0.50	53.00	0.05	2.85	129.90		0.3
1266708	0.40	7.00	7.90	0.03	0.04	1.60	0.01	0.13	0.50	52.00	0.10	2.98	132.30		0.5
1266709	0.40	0.70	17.90	0.03	0.06	2.30	0.02	0.30	1.50	47.00	0.20	15.40	96.80		0.8
1266710	0.50	1.30	26.40	0.03	0.08	2.00	0.01	0.27	2.20	39.00	0.10	12.69	100.30		1.2

Scarlet West Property (Car & Lin Claims) - 2011 Soil Sample Locations and Analytical Results																						
Sample No.	Sampler	Sample Date	grid_type	north	east	elevation	lab_ref_number	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm
1266711	AJ	28/08/2011	UTM83-8	7127651	595349	1393	WHI11001355	53.00	1.62	12.50	2.10	3.00	141.10	0.60	0.29	0.76	0.16	28.00	7.00	26.30	1.61	10.69
1266712	AJ	28/08/2011	UTM83-8	7127701	595351	1389	WHI11001355	181.00	1.66	8.80	0.50	6.00	143.50	1.40	0.31	0.59	0.13	22.50	11.10	23.80	2.78	20.18
1266713	AJ	28/08/2011	UTM83-8	7127750	595349	1395	WHI11001355	25.00	0.77	6.20	0.40	3.00	56.00	0.50	0.19	0.11	0.05	20.50	5.30	14.00	1.61	14.53
1266714	AJ	28/08/2011	UTM83-8	7127801	595349	1386	WHI11001355	109.00	2.47	16.60	1.20	4.00	155.80	1.10	0.27	0.26	0.52	66.60	14.80	32.80	2.03	17.60
1266715	AJ	28/08/2011	UTM83-8	7127849	595348	1381	WHI11001355	41.00	1.68	23.90	0.10	7.00	271.40	1.50	0.21	0.29	0.50	38.80	13.40	21.10	2.12	23.12
1266716	AJ	28/08/2011	UTM83-8	7127900	595351	1381	WHI11001355	119.00	1.76	7.20	1.40	7.00	151.50	1.00	0.26	0.70	0.32	45.50	8.30	27.60	1.80	19.38
1266717	AJ	28/08/2011	UTM83-8	7127949	595349	1377	WHI11001355	20.00	1.74	9.80	1.00	2.00	127.50	0.50	0.27	0.21	0.12	27.10	5.40	26.40	1.89	10.34
1266718	AJ	28/08/2011	UTM83-8	7128001	595351	1373	WHI11001355	107.00	1.16	4.90	1.60	6.00	102.80	0.60	0.36	0.23	0.09	34.10	7.10	20.80	2.44	12.66
1266719	AJ	28/08/2011	UTM83-8	7128052	595349	1364	WHI11001355	241.00	1.29	51.10	2.20	16.00	253.00	1.10	0.29	1.32	0.73	32.60	11.90	26.00	2.31	27.23
1266720	AJ	28/08/2011	UTM83-8	7128100	595348	1363	WHI11001355	89.00	1.09	3.70	1.50	6.00	82.70	0.60	0.18	0.37	0.12	44.00	7.00	15.60	2.28	10.60
1266721	AJ	28/08/2011	UTM83-8	7128201	595348	1351	WHI11001355	31.00	1.68	6.10	1.00	4.00	123.20	0.70	0.24	0.14	0.13	44.40	7.50	21.50	1.92	10.78
1266722	AJ	28/08/2011	UTM83-8	7128250	595348	1335	WHI11001355	100.00	1.00	12.00	1.00	4.00	88.90	0.80	0.24	0.70	0.24	32.90	9.00	15.70	0.98	14.34
1266723	AJ	28/08/2011	UTM83-8	7128300	595348	1328	WHI11001355	37.00	1.50	7.00	0.30	2.00	73.40	1.00	0.37	0.03	0.10	11.70	10.10	27.50	2.85	22.29
1266724	AJ	28/08/2011	UTM83-8	7128350	595349	1330	WHI11001355	17.00	1.52	6.80	2.40	2.00	76.40	0.90	0.30	0.06	0.10	22.30	10.90	22.90	2.10	17.47
1266725	AJ	28/08/2011	UTM83-8	7128401	595349	1333	WHI11001355	55.00	1.43	5.70	0.50	2.00	69.10	0.60	0.32	0.10	0.10	12.50	6.80	22.90	2.44	13.90
1266726	AJ	28/08/2011	UTM83-8	7128451	595349	1335	WHI11001355	15.00	1.62	4.70	1.30	0.50	62.00	0.70	0.41	0.03	0.04	9.90	16.20	29.30	3.25	32.33
1266727	AJ	28/08/2011	UTM83-8	7128500	595349	1329	WHI11001355	28.00	1.60	8.20	1.40	3.00	182.80	1.10	0.31	0.14	0.10	25.90	12.00	27.00	2.45	24.24
1266728	AJ	28/08/2011	UTM83-8	7128549	595348	1324	WHI11001355	18.00	1.70	11.80	1.10	2.00	88.50	0.90	0.37	0.09	0.16	16.90	16.50	32.10	3.58	29.39
1266729	AJ	28/08/2011	UTM83-8	7128601	595347	1319	WHI11001355	54.00	1.07	8.90	1.60	4.00	180.20	1.20	0.37	0.27	0.07	14.00	12.70	20.60	7.56	41.14
1266730	AJ	28/08/2011	UTM83-8	7128650	595350	1328	WHI11001355	20.00	1.58	11.40	1.20	0.50	70.40	0.60	0.40	0.03	0.06	15.00	15.50	29.10	2.75	14.86
1266731	AJ	28/08/2011	UTM83-8	7128699	595349	1333	WHI11001355	67.00	0.85	14.10	2.60	3.00	109.20	1.10	0.25	9.42	0.27	19.90	8.40	19.10	1.14	14.92
1266732	AJ	28/08/2011	UTM83-8	7128749	595349	1334	WHI11001355	93.00	1.11	6.50	1.80	4.00	158.50	1.00	0.36	0.53	0.94	20.60	12.20	21.60	3.59	37.05
1266733	AJ	28/08/2011	UTM83-8	7128802	595346	1330	WHI11001355	106.00	1.67	12.40	1.10	3.00	187.60	1.30	0.34	0.96	0.48	28.20	10.00	30.20	1.87	15.68
1266734	AJ	28/08/2011	UTM83-8	7128850	595349	1331	WHI11001355	262.00	1.19	18.70	2.70	3.00	144.60	1.00	0.30	1.31	2.76	17.60	9.40	20.00	1.94	19.43
1266735	AJ	28/08/2011	UTM83-8	7128900	595347	1336	WHI11001355	84.00	1.36	12.60	0.10	3.00	143.70	0.90	0.31	0.75	0.80	28.70	8.90	24.60	1.67	12.85
1266736	AJ	28/08/2011	UTM83-8	7128948	595347	1359	WHI11001355	289.00	0.86	13.10	0.30	5.00	144.00	1.00	0.27	3.09	1.17	13.70	8.10	11.20	2.66	19.21
1266737	AJ	28/08/2011	UTM83-8	7128999	595349	1359	WHI11001355	168.00	1.26	8.20	0.10	8.00	184.80	1.10	0.21	2.52	0.28	38.10	10.90	23.40	1.22	17.88
1266738	AJ	28/08/2011	UTM83-8	7129049	595346	1349	WHI11001355	146.00	0.90	9.20	0.30	8.00	93.50	0.80	0.19	4.70	0.51	28.00	8.70	19.10	1.16	14.73
1266739	AJ	28/08/2011	UTM83-8	7129100	595348	1336	WHI11001355	155.00	1.02	8.20	0.30	5.00	195.10	1.10	0.20	2.17	0.52	22.50	7.30	17.90	0.95	16.18
1266740	AJ	28/08/2011	UTM83-8	7129150	595350	1339	WHI11001355	105.00	1.53	8.00	5.30	5.00	92.00	1.00	0.20	1.87	0.55	39.50	9.40	30.10	1.25	28.77
1266741	AJ	28/08/2011	UTM83-8	7129198	595347	1335	WHI11001355	192.00	1.33	10.90	3.60	4.00	158.40	1.10	0.24	1.41	0.62	38.00	10.70	29.10	1.15	28.72
1266742	AJ	28/08/2011	UTM83-8	7129249	595348	1313	WHI11001355	127.00	2.00	8.60	3.40	4.00	153.90	1.10	0.24	1.00	0.42	42.40	10.20	44.50	2.47	36.74
1266743	AJ	28/08/2011	UTM83-8	7129300	595349	1296	WHI11001355	103.00	1.35	8.50	0.30	3.00	171.60	0.80	0.30	1.56	0.35	16.60	7.10	20.80	1.19	14.03
1266744	AJ	28/08/2011	UTM83-8	7129350	595349	1274	WHI11001355	101.00	1.32	9.30	1.20	5.00	132.80	1.20	0.34	0.67	0.38	26.90	12.30	25.90	1.31	21.79
1266745	AJ	28/08/2011	UTM83-8	7129399	595350	1251	WHI11001355	103.00	1.40	9.50	2.40	5.00	115.40	1.10	0.27	3.34	0.36	29.60	10.70	27.00	1.64	25.95
1266746	AJ	28/08/2011	UTM83-8	7129449	595349	1234	WHI11001355	122.00	0.70	14.50	1.30	6.00	60.50	0.90	0.33	0.93	0.27	29.50	13.00	21.20	3.38	32.34
1266747	AJ	28/08/2011	UTM83-8	7129500	595350	1227	WHI11001355	103.00	1.58	6.80	3.20	4.00	270.50	1.20	0.25	1.06	0.25	41.70	10.70	35.10	1.44	31.56
1266748	AJ	28/08/2011	UTM83-8	7129553	595351	1217	WHI11001355	159.00	1.33	10.90	1.10	4.00	149.60	1.20	0.30	0.73	0.45	36.90	12.30	27.60	2.01	32.94
1266751	BI	28/08/2011	UTM83-8	7128301	596099	1689	WHI11001355	303.00	1.53	5.10	0.80	8.00	174.90	2.00	0.23	0.71	0.35	52.00	13.20	25.40	2.88	22.92
1266752	BI	28/08/2011	UTM83-8	7128399	596100	1690	WHI11001355	293.00	0.94	8.50	0.60	6.00	69.40	1.00	0.23	0.23	0.16	46.20	15.30	24.00	2.75	23.40
1266753	BI	28/08/2011	UTM83-8	7128451	596098	1664	WHI11001355	100.00	0.93	2.00	0.40	6.00	77.50	0.80	0.19	1.29	0.14	37.00	5.60	16.40	1.28	14.05
1266754	BI	28/08/2011	UTM83-8	7128504	596098	1652	WHI11001355	28.00	2.03	20.60	1.30	2.00	186.10	1.80	0.51	0.03	0.08	22.30	31.50	31.60	5.58	47.00
1266755	BI	28/08/2011	UTM83-8	7128550	596099	1655	WHI11001355	67.00	1.83	20.20	2.10	2.00	273.30	1.60	0.56	0.05	0.10	21.40	38.40	29.30	5.20	47.69
1266756	BI	28/08/2011	UTM83-8	7128600	596099	1658	WHI11001355	26.00	1.63	4.80	2.10	2.00	256.50	1.60	0.39	0.05	0.05	16.00	23.00	33.60	4.12	39.10
1266757	BI	28/08/2011	UTM83-8	7128653	596100	1662	WHI11001355	24.00	1.63	4.10	2.50	2.00	171.20	1.70	0.35	0.04	0.04	16.50	24.10	28.30	4.52	41.91
1266758	BI	28/08/2011	UTM83-8	7128699	596097	1647	WHI11001355	90.00	0.97	5.90	0.70	4.00	74.40	0.60	0.16	5.07	0.54	10.20	4.70	16.00	0.64	11.23
1266759	BI	28/08/2011	UTM83-8	7128801	596099	1662	WHI11001355	106.00	0.31	5.90	0.40	3.00	30.00	0.30	0.06	10.49	3.01	5.80	1.90	5.20	0.28	4.48
1266760	BI	28/08/2011	UTM83-8	7128851	596101	1635	WHI11001355	153.00	0.12	7.30	0.10	2.00	16.30	0.20	0.03	13.51	8.57	4.70	1.10	3.40	0.43	3.02
1266761	BI	28/08/2011	UTM83-8	7128951	596097	1581	WHI11001355	106.00	0.12	4.40	0.30	3.00	15.00	0.30	0.02	13.35	2.64	4.90	1.30	3.50	0.22	2.43
1266762	BI	28/08/2011	UTM83-8	7129001	596100	1548	WHI11001355	317.00	0.14	10.90	0.30	4.00	17.70	0.30	0.03	10.15	8.58	6.50	1.30	3.80	0.22	3.71
1266763	BI	28/08/2011	UTM83-8	7129051	5																	

Sample No.	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppb	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppb	S_pct	Sb_ppm	Sc_ppm
1266711	2.51	5.70	0.05	0.01	29.00	0.03	0.08	10.20	12.90	0.38	293.00	1.56	0.00	0.66	18.30	0.08	15.82	5.00	1.00	11.90	0.50	0.06	0.50	1.50
1266712	2.92	4.60	0.05	0.09	24.00	0.05	0.18	9.70	16.10	0.35	230.00	1.57	0.00	0.31	28.90	0.08	23.98	5.00	1.00	22.30	1.00	0.04	0.33	3.30
1266713	1.94	2.70	0.05	0.03	7.00	0.01	0.11	7.60	5.50	0.14	117.00	2.06	0.00	0.14	14.40	0.05	17.06	5.00	1.00	12.60	0.50	0.02	0.38	1.00
1266714	3.30	5.20	0.10	0.03	34.00	0.03	0.10	18.40	20.30	0.48	498.00	3.11	0.00	0.67	59.90	0.08	17.72	5.00	1.00	14.30	0.50	0.03	0.95	3.20
1266715	3.92	4.60	0.05	0.06	16.00	0.04	0.22	11.30	12.80	0.27	243.00	7.29	0.00	0.13	35.80	0.06	21.61	5.00	1.00	20.80	2.00	0.02	1.64	3.70
1266716	3.12	5.30	0.05	0.05	41.00	0.04	0.16	27.50	25.00	0.57	526.00	0.86	0.00	0.42	23.90	0.09	16.27	5.00	1.00	19.60	3.00	0.06	0.39	3.00
1266717	2.66	6.70	0.05	0.01	24.00	0.03	0.06	12.10	14.80	0.37	230.00	1.38	0.00	0.53	15.70	0.04	13.52	5.00	1.00	10.80	0.50	0.02	0.59	1.20
1266718	2.02	4.20	0.05	0.01	26.00	0.05	0.16	15.10	12.10	0.31	304.00	1.00	0.01	0.24	15.10	0.08	24.15	5.00	1.00	16.30	1.00	0.06	0.38	1.20
1266719	3.24	3.80	0.05	0.12	59.00	0.04	0.28	15.90	11.30	0.39	339.00	10.54	0.01	0.49	60.20	0.16	21.27	5.00	1.00	19.10	5.00	0.11	1.47	3.70
1266720	1.90	3.10	0.05	0.02	23.00	0.02	0.17	19.80	13.50	0.36	346.00	0.45	0.00	0.26	15.50	0.06	14.14	5.00	1.00	14.90	0.50	0.03	0.33	2.70
1266721	2.29	4.70	0.05	0.03	15.00	0.03	0.14	13.70	17.20	0.38	368.00	0.68	0.00	0.34	16.60	0.05	14.32	5.00	1.00	18.50	1.00	0.02	0.37	2.00
1266722	2.01	2.90	0.05	0.04	38.00	0.02	0.09	14.70	16.10	0.36	1320.00	0.49	0.00	0.21	17.20	0.07	21.59	5.00	1.00	9.80	0.50	0.04	0.28	2.70
1266723	4.04	6.80	0.05	0.02	16.00	0.03	0.10	4.10	13.60	0.23	821.00	0.75	0.00	0.32	13.80	0.07	21.90	5.00	1.00	14.60	0.50	0.05	0.25	1.60
1266724	3.07	4.60	0.05	0.04	13.00	0.05	0.10	5.20	27.80	0.34	1124.00	0.63	0.00	0.30	23.30	0.05	20.55	5.00	1.00	12.20	0.50	0.03	0.29	2.10
1266725	2.78	6.60	0.05	0.01	33.00	0.01	0.11	5.50	17.30	0.21	507.00	1.25	0.00	0.41	12.30	0.04	15.40	5.00	1.00	17.00	2.00	0.03	0.29	1.70
1266726	4.11	8.60	0.05	0.03	17.00	0.04	0.14	4.10	11.10	0.17	1465.00	0.88	0.01	0.45	11.40	0.06	13.85	5.00	1.00	21.30	0.50	0.04	0.32	2.60
1266727	3.27	6.00	0.05	0.01	16.00	0.02	0.15	9.50	20.60	0.32	737.00	1.27	0.00	0.26	21.80	0.03	20.20	5.00	1.00	20.00	0.50	0.01	0.36	3.00
1266728	4.67	6.90	0.05	0.02	19.00	0.04	0.14	6.70	25.90	0.34	1453.00	1.84	0.00	0.34	23.50	0.04	40.45	5.00	1.00	18.40	0.50	0.01	0.46	3.00
1266729	3.32	3.40	0.05	0.05	33.00	0.04	0.16	6.40	14.50	0.26	532.00	0.90	0.00	0.30	25.40	0.05	28.29	5.00	1.00	16.60	0.50	0.05	0.33	5.20
1266730	4.06	7.50	0.05	0.01	27.00	0.04	0.09	6.70	18.60	0.23	1498.00	1.28	0.00	0.58	14.60	0.04	29.58	5.00	1.00	17.40	1.00	0.01	0.50	2.30
1266731	2.10	2.10	0.05	0.05	341.00	0.05	0.07	9.30	9.10	5.59	1125.00	1.91	0.01	0.21	17.70	0.10	43.45	5.00	1.00	7.30	0.50	0.01	1.05	3.40
1266732	3.27	3.80	0.05	0.09	610.00	0.03	0.18	9.20	14.40	0.28	684.00	1.03	0.00	0.48	27.50	0.07	49.68	5.00	1.00	16.80	0.50	0.06	0.57	4.60
1266733	3.12	5.00	0.05	0.07	287.00	0.03	0.10	13.30	18.10	0.63	942.00	1.36	0.01	0.56	24.50	0.20	32.89	5.00	1.00	13.20	0.50	0.04	0.74	3.30
1266734	3.11	3.90	0.05	0.08	4810.00	0.03	0.11	9.60	8.60	0.67	843.00	1.22	0.00	0.39	22.40	0.11	219.07	5.00	1.00	11.00	0.50	0.06	0.72	3.30
1266735	3.06	4.70	0.05	0.05	214.00	0.04	0.13	12.90	12.90	0.36	596.00	2.05	0.00	0.56	19.50	0.12	50.28	5.00	1.00	15.90	0.50	0.06	0.81	2.60
1266736	2.94	2.20	0.05	0.09	1239.00	0.04	0.09	6.60	4.70	1.43	809.00	0.95	0.00	0.24	18.00	0.12	157.27	5.00	1.00	8.50	0.50	0.10	0.90	2.20
1266737	2.79	3.50	0.05	0.06	193.00	0.03	0.14	15.90	11.70	0.84	601.00	1.77	0.00	0.45	26.60	0.11	31.16	5.00	1.00	11.10	0.50	0.08	0.42	2.20
1266738	2.43	2.40	0.05	0.09	2446.00	0.01	0.14	14.30	8.40	2.49	378.00	1.57	0.01	0.30	21.70	0.11	35.13	5.00	1.00	10.30	0.50	0.06	0.45	2.50
1266739	2.25	2.90	0.05	0.08	403.00	0.04	0.09	11.80	7.50	0.35	379.00	1.36	0.01	0.42	16.40	0.15	35.66	5.00	1.00	8.40	0.50	0.16	0.46	1.80
1266740	2.41	4.70	0.05	0.08	834.00	0.03	0.13	21.90	33.80	1.24	415.00	0.75	0.00	0.39	23.00	0.09	28.83	5.00	1.00	12.30	0.50	0.10	0.34	3.10
1266741	2.69	4.00	0.05	0.06	195.00	0.03	0.09	22.90	19.50	0.64	565.00	0.92	0.00	0.50	25.20	0.09	37.96	5.00	1.00	9.80	0.50	0.07	0.73	2.80
1266742	2.66	6.40	0.05	0.10	112.00	0.04	0.10	25.10	49.60	1.91	392.00	0.65	0.00	0.44	26.50	0.09	21.27	5.00	1.00	13.90	0.50	0.08	0.41	3.60
1266743	2.62	4.50	0.05	0.08	3646.00	0.03	0.10	9.90	16.20	0.53	516.00	1.30	0.00	0.56	16.60	0.08	63.65	5.00	1.00	12.40	0.50	0.06	0.47	2.50
1266744	3.19	4.00	0.05	0.15	990.00	0.03	0.17	15.00	20.20	0.45	587.00	1.35	0.00	0.45	28.30	0.06	41.38	5.00	1.00	13.40	0.50	0.03	0.45	4.00
1266745	2.49	4.10	0.05	0.12	621.00	0.03	0.13	14.90	26.80	2.39	558.00	0.93	0.00	0.34	24.40	0.08	34.24	5.00	1.00	10.70	0.50	0.03	0.40	3.80
1266746	2.90	2.80	0.05	0.08	107.00	0.03	0.17	13.70	10.90	0.50	504.00	0.71	0.00	0.12	26.60	0.08	25.01	5.00	1.00	11.90	0.50	0.05	0.94	4.20
1266747	2.64	4.90	0.05	0.15	75.00	0.04	0.11	22.10	31.00	1.18	285.00	0.44	0.00	0.29	27.00	0.08	29.04	5.00	1.00	10.80	0.50	0.07	0.43	4.20
1266748	2.98	4.10	0.05	0.15	536.00	0.04	0.12	15.20	23.60	0.63	920.00	1.43	0.00	0.31	33.80	0.13	42.91	5.00	1.00	10.80	0.50	0.04	0.66	4.60
1266751	3.45	4.50	0.05	0.10	50.00	0.04	0.29	23.80	14.80	0.29	435.00	1.88	0.01	0.60	36.80	0.09	25.61	5.00	1.00	21.80	1.00	0.07	0.56	4.00
1266752	2.63	2.80	0.05	0.06	40.00	0.04	0.18	17.20	15.50	0.35	608.00	2.43	0.00	0.11	31.90	0.05	40.72	5.00	1.00	12.80	0.50	0.03	0.52	3.60
1266753	1.51	2.90	0.05	0.07	47.00	0.01	0.14	22.40	14.10	0.34	438.00	0.49	0.01	0.26	12.10	0.11	15.80	5.00	1.00	11.30	0.50	0.09	0.25	1.70
1266754	4.37	6.50	0.05	0.07	24.00	0.05	0.13	7.70	51.00	0.57	3561.00	1.13	0.01	0.23	33.40	0.05	28.88	5.00	1.00	15.20	0.50	0.01	0.35	5.80
1266755	4.31	6.40	0.05	0.05	36.00	0.04	0.12	6.30	53.10	0.57	4938.00	1.16	0.01	0.18	36.40	0.04	72.86	5.00	1.00	13.80	0.50	0.01	0.37	5.70
1266756	4.02	6.00	0.05	0.03	19.00	0.04	0.15	5.20	37.60	0.51	1744.00	0.92	0.01	0.18	35.70	0.03	29.27	5.00	1.00	17.00	0.50	0.01	0.29	5.30
1266757	3.41	6.30	0.05	0.02	22.00	0.04	0.17	5.80	36.40	0.47	1426.00	0.46	0.01	0.17	31.80	0.03	29.67	5.00	1.00	21.00	0.50	0.01	0.18	4.70
1266758	1.65	2.50	0.05	0.02	362.00	0.01	0.06	6.60	9.10	2.78	714.00	0.70	0.01	0.39	11.90	0.13	106.66	5.00	1.00	6.40	0.50	0.11	0.33	1.00
1266759	1.04	0.80	0.05	0.01	422.00	0.01	0.03	3.20	2.20	7.98	1941.00	0.33	0.02	0.12	3.10	0.10	326.73	5.00	1.00	2.10	0.50	0.06	0.56	0.40
1266760	1.07	0.50	0.05	0.01	465.00	0.01	0.02	2.90	1.00	9.49	1547.00	0.26	0.01	0.03	2.90	0.08	519.54	5.00	1.00	1.50	0.50	0.01	0.62	0.40
1266761	0.66	0.40	0.05	0.01	525.00	0.01	0.02	2.90	1.00	9.38	1424.00	0.24	0.01	0.03	2.50	0.06	194.09	5.00	1.00	1.50	0.50	0.03	0.28	0.30
1266762	2.31	0.60	0.05	0.01	1792.00	0.01	0.02	3.90	1.00	7.77	1227.00	1.30	0.01	0.05	3.60	0.09	1117.19	5.00	1.00	1.40	0.50	0.05	0.82	0.50
1266763	3.65	1.10	0.05	0.02	963.00	0.01	0.08	4.00	1.80	3.35	732													

Sample No.	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Ti_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zn_pct	Zr_ppm
1266711	0.30	0.70	13.90	0.03	0.04	0.60	0.01	0.28	1.20	50.00	0.10	4.61	60.50		0.3
1266712	0.40	1.30	13.10	0.03	0.23	1.90	0.00	0.25	1.10	29.00	0.05	10.09	89.80		2.6
1266713	0.20	0.80	4.00	0.03	0.04	1.00	0.00	0.18	0.50	18.00	0.05	3.52	43.60		1
1266714	0.50	1.00	14.90	0.03	0.07	1.80	0.02	0.36	2.50	53.00	0.10	14.68	119.20		0.9
1266715	0.70	0.80	18.50	0.03	0.04	2.90	0.00	0.61	1.80	54.00	0.05	8.83	167.90		2.2
1266716	0.50	1.00	38.80	0.03	0.05	1.70	0.01	0.21	2.20	39.00	0.05	13.67	104.80		1.3
1266717	0.40	0.70	11.60	0.03	0.04	0.50	0.02	0.21	0.60	57.00	0.20	3.78	70.10		0.05
1266718	0.40	19.60	10.70	0.03	0.04	0.40	0.01	0.13	0.70	29.00	0.05	6.69	61.60		0.05
1266719	1.60	1.70	37.10	0.03	0.08	2.10	0.00	1.13	10.00	56.00	0.05	18.25	212.20		4.4
1266720	0.10	0.80	12.50	0.03	0.01	2.10	0.01	0.12	0.50	17.00	0.05	13.04	58.10		0.9
1266721	0.30	0.60	6.70	0.03	0.02	2.10	0.01	0.17	0.50	29.00	0.05	4.66	58.60		0.7
1266722	0.30	1.70	17.20	0.03	0.03	1.40	0.01	0.10	0.60	18.00	0.05	13.44	62.20		1
1266723	0.40	1.30	4.40	0.03	0.04	0.60	0.01	0.09	0.70	25.00	0.05	4.95	68.20		0.6
1266724	0.20	2.90	5.60	0.03	0.04	2.00	0.01	0.10	0.60	24.00	0.10	4.15	69.50		0.9
1266725	0.40	3.30	7.00	0.03	0.03	1.20	0.01	0.17	0.60	38.00	0.10	3.47	56.90		0.4
1266726	0.40	1.90	4.90	0.03	0.04	2.50	0.01	0.16	0.80	32.00	0.05	5.50	54.20		1.1
1266727	0.10	1.30	9.20	0.03	0.02	2.70	0.01	0.17	0.90	35.00	0.05	8.15	84.30		0.6
1266728	0.30	2.00	7.50	0.03	0.02	3.10	0.01	0.17	1.00	35.00	0.05	5.93	112.20		0.6
1266729	0.10	2.70	14.30	0.03	0.03	3.10	0.00	0.19	1.50	19.00	0.05	12.77	94.10		1.4
1266730	0.40	2.80	4.80	0.03	0.06	3.10	0.01	0.14	0.60	41.00	0.10	3.29	58.00		0.6
1266731	0.30	1.40	206.20	0.03	0.03	3.00	0.00	0.57	2.50	22.00	0.10	10.64	100.00		1.7
1266732	0.40	2.00	17.90	0.03	0.03	2.80	0.01	0.21	1.40	24.00	0.05	11.76	330.50		2.1
1266733	0.40	1.20	29.00	0.03	0.08	2.30	0.01	0.20	1.70	39.00	0.20	11.13	310.20		1.4
1266734	0.60	1.20	28.60	0.03	0.03	2.00	0.00	0.39	1.60	27.00	0.05	9.64	1083.00		2.1
1266735	0.50	1.30	19.40	0.03	0.03	1.60	0.01	0.29	1.80	39.00	0.10	9.37	325.50		1.3
1266736	0.50	0.80	33.70	0.03	0.06	1.60	0.00	0.59	2.00	17.00	0.05	10.23	765.10		2.7
1266737	0.60	2.10	46.50	0.03	0.03	1.00	0.00	0.21	2.20	31.00	0.05	14.74	107.40		2.7
1266738	0.40	1.10	42.40	0.03	0.04	1.40	0.00	0.23	1.60	25.00	0.05	13.27	168.20		3.1
1266739	0.70	0.50	45.60	0.03	0.06	0.90	0.00	0.21	3.60	26.00	0.05	11.45	136.50		3
1266740	0.80	2.00	52.70	0.03	0.04	1.60	0.01	0.15	5.00	36.00	0.05	13.96	109.50		3
1266741	1.00	0.70	44.70	0.03	0.03	1.30	0.01	0.14	3.50	36.00	0.10	15.72	118.40		1.9
1266742	1.80	0.90	39.00	0.03	0.03	1.80	0.01	0.16	7.40	38.00	0.05	19.31	126.60		3.2
1266743	0.60	1.10	42.40	0.03	0.06	1.80	0.00	0.19	1.80	33.00	0.05	8.94	189.50		2.1
1266744	0.40	0.80	16.00	0.03	0.05	3.90	0.00	0.18	1.40	32.00	0.05	12.84	152.30		4.5
1266745	0.70	1.40	34.60	0.03	0.01	3.30	0.01	0.15	1.80	28.00	0.05	12.83	132.20		3.7
1266746	0.70	1.10	39.80	0.03	0.07	3.90	0.00	0.22	2.50	21.00	0.05	13.20	112.60		2.9
1266747	1.20	0.50	33.20	0.03	0.03	3.20	0.00	0.16	2.20	25.00	0.05	15.12	125.00		4.7
1266748	0.70	1.00	28.20	0.03	0.05	4.00	0.01	0.17	3.30	28.00	0.05	15.90	197.20		4.6
1266751	0.70	1.80	35.80	0.03	0.04	2.00	0.00	0.33	1.20	47.00	0.05	18.10	107.60		5.2
1266752	0.30	3.00	10.80	0.03	0.01	3.80	0.00	0.17	0.90	15.00	0.05	18.09	98.00		2.3
1266753	0.20	1.40	22.50	0.03	0.01	1.10	0.00	0.10	0.90	15.00	0.05	17.92	60.70		2.1
1266754	0.20	1.20	11.90	0.03	0.04	4.70	0.01	0.12	1.40	37.00	0.10	7.70	101.10		2.8
1266755	0.10	5.70	17.70	0.03	0.05	4.90	0.01	0.19	1.30	28.00	0.05	8.12	93.80		2.6
1266756	0.05	3.10	9.50	0.03	0.03	5.80	0.01	0.14	1.00	27.00	0.05	8.55	85.80		2.1
1266757	0.05	2.10	11.90	0.03	0.01	5.10	0.01	0.15	1.00	24.00	0.05	8.27	80.80		1.7
1266758	0.30	1.50	26.30	0.03	0.01	0.40	0.01	0.18	1.00	21.00	0.05	6.56	204.20		0.6
1266759	0.40	1.40	43.30	0.03	0.01	0.20	0.01	0.21	1.60	13.00	0.05	3.92	497.60		0.8
1266760	0.30	1.30	63.20	0.03	0.01	0.30	0.00	1.69	1.50	5.00	0.05	3.49	2411.80		0.5
1266761	0.30	3.60	80.30	0.03	0.01	0.20	0.00	1.11	1.20	5.00	0.05	2.90	1715.20		0.4
1266762	0.60	1.70	97.20	0.03	0.01	0.30	0.00	1.86	1.60	5.00	0.05	4.32	3235.70		0.5
1266763	0.50	1.50	33.50	0.03	0.04	0.50	0.00	1.19	1.60	12.00	0.05	6.61	1493.40		1.1
1266764	0.40	1.30	82.30	0.03	0.01	0.40	0.00	1.14	1.50	5.00	0.05	3.81	1901.40		0.6
1266765	0.50	1.50	57.30	0.03	0.01	1.90	0.00	1.15	2.40	17.00	0.05	9.31	1260.90		1.4
1266766	1.10	0.70	50.60	0.03	0.03	2.60	0.00	0.43	6.20	18.00	0.05	11.35	440.40		6
1266767	0.90	1.10	38.60	0.03	0.01	1.70	0.00	0.19	5.30	27.00	0.05	16.63	149.20		3.8
1266768	0.80	0.60	31.50	0.03	0.02	2.70	0.00	0.22	3.60	18.00	0.05	12.42	332.40		3
1266769	0.80	2.20	95.60	0.03	0.01	6.70	0.00	0.16	1.60	26.00	0.05	10.01	93.50		7.3
1266770	0.30	0.90	23.10	0.03	0.02	3.40	0.00	0.07	1.50	15.00	0.05	16.16	90.50		3.8

Scarlet West Property (Car & Lin Claims) - 2011 Soil Sample Locations and Analytical Results																							
Sample No.	Sampler	Sample Date	grid_type	north	east	elevation	lab_ref_number	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	
1266801	PM	28/08/2011	UTM83-8	7128448	592101	1143	WHI11001355	61.00	0.83	14.60	0.70	4.00	82.50	0.60	0.12	10.25	0.42	16.80	6.00	20.40	0.88	9.08	
1266802	PM	28/08/2011	UTM83-8	7128503	592102	1128	WHI11001355	68.00	1.00	19.60	0.10	5.00	105.30	1.00	0.19	4.45	0.40	31.80	11.10	23.50	0.92	13.11	
1266803	PM	28/08/2011	UTM83-8	7128549	592101	1115	WHI11001355	134.00	1.20	12.40	1.20	6.00	101.00	0.80	0.21	4.17	0.35	28.00	10.40	26.60	1.38	18.46	
1266804	PM	28/08/2011	UTM83-8	7128601	592103	1103	WHI11001355	16.00	0.27	11.20	0.20	3.00	36.80	0.20	0.07	18.16	0.20	10.10	3.70	5.70	1.58	8.25	
1266805	PM	28/08/2011	UTM83-8	7128649	592100	1089	WHI11001355	158.00	1.10	17.70	0.90	7.00	190.30	0.80	0.21	2.54	0.38	29.90	11.30	20.70	1.37	19.37	
1266806	PM	28/08/2011	UTM83-8	7128699	592098	1083	WHI11001355	159.00	1.22	15.50	1.10	6.00	147.70	0.80	0.23	1.96	0.46	31.30	10.90	23.80	1.07	20.65	
1266807	PM	28/08/2011	UTM83-8	7128748	592098	1065	WHI11001355	192.00	0.98	19.50	1.50	6.00	174.30	0.70	0.19	2.00	0.61	19.80	9.10	19.40	0.75	20.85	
1266808	PM	28/08/2011	UTM83-8	7128800	592099	1058	WHI11001355	191.00	0.99	16.40	2.00	6.00	201.20	0.90	0.20	3.27	0.60	22.40	9.90	19.70	1.15	24.81	
1266809	PM	28/08/2011	UTM83-8	7128852	592097	1048	WHI11001355	141.00	1.06	16.40	1.20	6.00	104.30	0.90	0.24	3.12	0.45	26.00	10.30	22.60	1.48	23.10	
1266810	PM	28/08/2011	UTM83-8	7128900	592100	1048	WHI11001355	155.00	1.28	10.70	3.00	6.00	193.80	0.90	0.23	1.69	0.41	35.00	12.00	32.90	1.40	27.61	
1266811	PM	28/08/2011	UTM83-8	7128949	592102	1060	WHI11001355	143.00	1.36	8.00	1.90	5.00	204.00	0.90	0.20	1.49	0.43	33.80	11.80	33.30	1.66	31.67	
1266812	PM	28/08/2011	UTM83-8	7129000	592101	1046	WHI11001355	121.00	1.18	7.30	2.30	4.00	169.90	1.00	0.21	1.61	0.35	36.00	11.10	30.40	1.19	27.49	
1266813	PM	28/08/2011	UTM83-8	7129053	592101	1017	WHI11001355	125.00	1.32	6.50	2.40	5.00	192.10	1.00	0.24	1.43	0.36	38.90	12.20	32.40	1.09	31.97	
1266814	PM	28/08/2011	UTM83-8	7128899	593100	1225	WHI11001355	255.00	1.11	15.70	1.40	6.00	93.50	1.10	0.40	1.57	0.28	30.70	15.60	20.90	5.32	29.88	
1266815	PM	28/08/2011	UTM83-8	7128849	593101	1252	WHI11001355	538.00	0.95	37.80	1.40	5.00	77.50	1.00	0.62	0.29	0.26	30.70	24.00	15.50	4.36	53.54	
1266816	PM	28/08/2011	UTM83-8	7128803	593097	1266	WHI11001355	79.00	0.56	9.70	1.10	3.00	53.70	0.50	0.08	13.46	0.31	14.70	4.60	11.60	0.53	6.37	
1266817	PM	28/08/2011	UTM83-8	7128752	593096	1278	WHI11001355	71.00	0.19	9.30	0.70	3.00	21.80	0.20	0.03	13.81	0.31	6.30	2.80	4.50	0.25	4.75	
1266818	PM	28/08/2011	UTM83-8	7128701	593097	1295	WHI11001355	171.00	0.23	31.90	0.90	4.00	35.30	0.30	0.05	12.12	0.33	10.50	4.10	10.90	0.43	9.01	
1266819	PM	28/08/2011	UTM83-8	7128603	593101	1335	WHI11001355	15.00	0.11	8.20	0.90	3.00	22.00	0.20	0.02	16.15	0.08	4.60	1.60	5.40	0.24	3.11	
1266820	PM	28/08/2011	UTM83-8	7128552	593100	1364	WHI11001355	11.00	0.13	9.80	0.10	4.00	24.10	0.10	0.03	15.43	0.09	5.20	1.90	6.30	0.27	3.81	
1266821	PM	28/08/2011	UTM83-8	7128501	593100	1393	WHI11001355	7.00	0.08	3.70	0.10	2.00	22.90	0.10	0.01	15.25	0.06	3.60	1.20	3.40	0.15	1.64	
1267031	BI	27/08/2011	UTM83-8	7128700	596348	1631	WHI11001355	83.00	1.33	8.90	0.70	6.00	160.90	0.80	0.18	5.66	0.90	27.20	6.10	20.40	1.24	12.15	
1267032	BI	27/08/2011	UTM83-8	7128650	596348	1616	WHI11001355	95.00	1.91	15.30	0.50	8.00	142.20	1.00	0.25	3.63	0.39	29.90	8.30	29.80	3.55	17.32	
1267033	BI	27/08/2011	UTM83-8	7128601	596347	1596	WHI11001355	95.00	1.57	11.10	0.60	4.00	134.10	1.30	0.27	1.49	0.73	46.20	9.80	24.90	1.67	16.86	
1267034	BI	27/08/2011	UTM83-8	7128551	596348	1580	WHI11001355	56.00	1.42	7.90	3.10	3.00	119.40	1.60	0.47	0.26	0.45	13.70	18.50	22.30	3.03	31.82	
1267035	BI	27/08/2011	UTM83-8	7128497	596350	1574	WHI11001355	31.00	1.57	7.80	3.30	2.00	131.70	1.40	0.42	0.05	0.07	19.70	21.20	29.10	3.66	24.50	
1267036	BI	27/08/2011	UTM83-8	7128450	596350	1582	WHI11001355	58.00	2.14	13.20	1.60	2.00	155.90	2.20	0.52	0.07	0.10	23.10	40.20	32.40	5.41	39.17	
1267037	BI	27/08/2011	UTM83-8	7128400	596349	1580	WHI11001355	61.00	1.13	4.70	1.00	5.00	118.80	0.90	0.26	0.83	0.14	24.50	7.70	18.40	1.13	15.56	
1267038	BI	27/08/2011	UTM83-8	7128350	596348	1576	WHI11001355	89.00	1.16	3.10	1.30	5.00	100.00	0.80	0.28	0.41	0.13	38.30	5.70	18.80	1.42	12.97	
1267039	BI	27/08/2011	UTM83-8	7128201	596350	1600	WHI11001355	130.00	1.07	2.70	1.90	7.00	120.60	0.80	0.25	0.89	0.12	58.80	12.40	20.70	2.36	19.07	
1267040	BI	27/08/2011	UTM83-8	7128152	596348	1591	WHI11001355	71.00	0.88	4.80	1.00	4.00	106.80	0.50	0.24	0.36	0.20	22.00	7.40	16.40	1.43	14.47	
1267041	BI	27/08/2011	UTM83-8	7128098	596349	1589	WHI11001355	52.00	0.99	5.40	1.30	5.00	80.40	0.60	0.23	0.40	0.17	27.10	10.50	21.00	1.59	15.97	
1267042	BI	27/08/2011	UTM83-8	7128052	596349	1590	WHI11001355	44.00	1.28	5.00	1.00	7.00	169.50	1.10	0.23	0.94	0.16	33.70	12.00	22.70	1.02	16.07	
1267043	BI	27/08/2011	UTM83-8	7127999	596349	1577	WHI11001355	71.00	1.21	5.30	2.40	6.00	140.80	1.50	0.22	0.90	0.18	51.60	13.20	23.90	1.18	18.18	
1267044	BI	27/08/2011	UTM83-8	7127950	596349	1559	WHI11001355	84.00	1.26	4.00	0.40	9.00	172.90	1.40	0.19	1.85	0.28	45.90	12.90	21.00	0.92	17.30	
1267045	BI	27/08/2011	UTM83-8	7127900	596349	1548	WHI11001355	65.00	1.38	3.90	1.00	10.00	171.00	1.60	0.20	1.26	0.21	48.50	13.00	22.70	0.81	17.00	
1267046	BI	27/08/2011	UTM83-8	7127850	596348	1535	WHI11001355	78.00	1.37	4.30	0.80	7.00	194.40	1.40	0.20	0.74	0.36	56.50	14.70	23.00	0.74	15.16	
1267047	BI	27/08/2011	UTM83-8	7127801	596349	1524	WHI11001355	32.00	0.93	2.60	0.40	9.00	110.20	1.20	0.12	10.41	0.12	40.00	10.60	15.50	0.84	13.70	
1267048	BI	27/08/2011	UTM83-8	7127752	596351	1517	WHI11001355	41.00	1.50	3.50	0.10	8.00	192.20	1.90	0.17	1.33	0.13	64.10	14.90	24.20	1.01	15.86	
1267049	BI	27/08/2011	UTM83-8	7127701	596350	1501	WHI11001355	40.00	1.21	3.40	0.50	10.00	385.70	1.50	0.17	2.16	0.16	52.40	11.70	21.40	0.83	15.45	
1267050	BI	27/08/2011	UTM83-8	7127649	596348	1498	WHI11001355	53.00	1.76	3.20	0.20	6.00	314.80	1.40	0.22	0.46	0.08	36.40	8.50	24.40	1.42	13.52	
1267101	PM	27/08/2011	UTM83-8	7129450	596852	1734	WHI11001355	47.00	1.54	4.10	7.20	4.00	496.20	1.40	0.33	0.29	0.18	64.90	12.80	36.00	4.74	55.81	
1267102	PM	27/08/2011	UTM83-8	7129498	596846	1699	WHI11001355	42.00	1.77	6.80	5.60	4.00	179.70	1.20	0.38	0.94	0.15	67.20	16.30	39.70	2.74	67.18	
1267103	PM	27/08/2011	UTM83-8	7129548	596848	1665	WHI11001355	74.00	1.99	3.30	1.30	5.00	64.80	1.40	0.36	0.70	0.20	31.20	14.00	45.00	1.56	38.78	
1267104	PM	27/08/2011	UTM83-8	7129699	596851	1602	WHI11001355	212.00	0.54	13.50	0.60	5.00	67.80	1.00	0.32	0.94	0.51	24.60	12.50	8.90	3.03	28.39	
1267105	PM	27/08/2011	UTM83-8	7129752	596845	1579	WHI11001355	157.00	0.70	11.20	0.30	6.00	104.50	0.70	0.35	1.50	0.25	11.90	9.10	10.60	1.71	22.64	
1267106	PM	27/08/2011	UTM83-8	7129796	596848	1562	WHI11001355	178.00	1.00	16.00	0.60	5.00	131.20	1.20	0.47	0.98	0.43	20.00	12.70	16.90	1.92	42.33	
1267107	PM	27/08/2011	UTM83-8	7129904	596852	1516	WHI11001355	172.00	0.76	11.50	1.40	3.00	100.90	1.10	0.44	0.29	0.27	21.80	16.90	14.80	1.46	54.11	
1267108	PM	27/08/2011	UTM83-8	7129952	596852	1521	WHI11001355	142.00	1.25	7.60	0.80	3.00	140.50	0.80	0.35	0.62	0.21	17.30	11.60	22.30	2.12	29.01	
1267109	PM	27/08/2011	UTM83-8	7130000	596852	1518	WHI11001355	43.00	1.78	9.40	1.20	2.00	63.20	0.80	0.32	0.07	0.30	24.40	22.20	26.50	2.11	36.59	
1267110	PM	27/08/2011	UTM83-8	71																			

Sample No.	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppb	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppb	S_pct	Sb_ppm	Sc_ppm
1266801	1.51	2.20	0.05	0.02	39.00	0.01	0.06	7.70	8.10	5.20	645.00	0.74	0.01	0.32	16.70	0.11	14.94	5.00	1.00	7.20	0.50	0.01	0.58	1.40
1266802	2.77	2.70	0.05	0.06	63.00	0.02	0.10	12.20	12.70	2.54	869.00	1.40	0.00	0.30	23.00	0.06	25.82	5.00	1.00	7.80	0.50	0.03	0.89	3.00
1266803	2.57	3.60	0.05	0.07	92.00	0.02	0.13	12.90	18.60	2.43	432.00	0.91	0.01	0.39	24.80	0.08	30.49	5.00	1.00	9.80	0.50	0.02	0.84	3.30
1266804	0.74	0.80	0.05	0.02	13.00	0.01	0.06	5.00	2.40	7.26	192.00	1.90	0.01	0.14	11.50	0.04	6.06	5.00	1.00	3.80	0.50	0.01	0.42	1.00
1266805	2.81	3.10	0.05	0.05	126.00	0.03	0.14	11.60	14.10	1.29	800.00	1.09	0.00	0.36	22.80	0.07	34.99	5.00	1.00	9.10	0.50	0.05	2.03	3.00
1266806	3.14	3.30	0.05	0.07	109.00	0.03	0.11	15.00	16.70	1.10	643.00	0.99	0.00	0.36	22.20	0.06	37.51	5.00	1.00	7.70	0.50	0.04	1.81	3.90
1266807	2.66	3.00	0.05	0.06	162.00	0.03	0.10	8.90	12.20	0.86	729.00	0.97	0.00	0.35	18.80	0.09	40.81	5.00	1.00	7.00	1.00	0.09	2.46	2.10
1266808	2.72	3.00	0.05	0.08	196.00	0.01	0.14	10.50	12.80	1.50	580.00	1.05	0.01	0.43	21.90	0.09	37.09	5.00	1.00	8.40	0.50	0.05	3.16	2.90
1266809	3.00	3.10	0.05	0.09	123.00	0.03	0.13	12.90	14.40	1.68	435.00	0.99	0.00	0.32	22.80	0.07	34.72	5.00	1.00	9.50	0.50	0.03	1.87	4.10
1266810	2.91	4.20	0.05	0.09	114.00	0.03	0.12	16.20	18.80	0.85	431.00	0.76	0.00	0.49	26.00	0.07	26.41	5.00	1.00	9.50	0.50	0.05	1.16	4.50
1266811	2.57	4.20	0.05	0.12	112.00	0.03	0.11	15.40	20.70	0.84	377.00	0.58	0.00	0.52	27.30	0.08	20.61	5.00	1.00	10.00	0.50	0.06	0.87	4.40
1266812	2.55	3.50	0.05	0.11	99.00	0.03	0.10	16.80	19.30	1.05	335.00	0.67	0.00	0.41	25.80	0.06	22.52	5.00	1.00	7.80	0.50	0.04	0.88	4.20
1266813	2.53	3.80	0.05	0.15	82.00	0.03	0.11	18.50	20.50	0.90	350.00	0.54	0.00	0.37	28.60	0.07	22.86	5.00	1.00	8.30	0.50	0.05	0.76	4.30
1266814	3.67	3.30	0.05	0.06	66.00	0.03	0.17	12.90	15.20	1.01	676.00	1.23	0.00	0.20	35.80	0.09	46.34	5.00	1.00	14.10	0.50	0.02	0.64	4.60
1266815	6.25	2.50	0.05	0.14	140.00	0.05	0.19	10.90	7.10	0.26	725.00	1.31	0.00	0.09	66.30	0.04	97.05	5.00	1.00	13.80	0.50	0.05	0.92	6.80
1266816	1.10	1.50	0.05	0.03	25.00	0.01	0.04	8.70	5.00	6.94	422.00	1.13	0.01	0.16	13.00	0.06	19.26	5.00	1.00	4.10	0.50	0.01	0.46	1.10
1266817	1.71	0.40	0.05	0.01	40.00	0.01	0.03	3.90	1.40	7.12	475.00	1.94	0.01	0.05	6.20	0.10	29.32	5.00	1.00	1.50	0.50	0.01	0.77	0.60
1266818	0.91	0.70	0.05	0.03	95.00	0.01	0.05	5.10	1.60	5.78	192.00	7.77	0.01	0.05	21.90	0.10	10.11	5.00	1.00	2.50	0.50	0.01	0.82	1.10
1266819	0.31	0.30	0.05	0.01	21.00	0.01	0.02	3.20	1.20	8.14	230.00	0.67	0.01	0.05	10.80	0.04	3.04	5.00	1.00	1.00	2.00	0.01	0.52	0.40
1266820	0.30	0.30	0.05	0.01	22.00	0.01	0.03	3.80	1.00	7.72	256.00	0.68	0.01	0.05	11.00	0.06	3.82	5.00	1.00	1.20	0.50	0.01	0.45	0.40
1266821	0.18	0.20	0.05	0.01	22.00	0.01	0.01	2.80	1.00	7.76	240.00	0.38	0.01	0.04	7.80	0.01	2.89	5.00	1.00	0.80	0.50	0.01	0.26	0.30
1267031	1.85	3.40	0.05	0.04	76.00	0.01	0.11	18.40	8.60	1.91	2247.00	1.31	0.01	0.32	11.80	0.81	100.31	5.00	1.00	9.50	0.50	0.16	0.45	1.10
1267032	2.46	5.40	0.05	0.09	75.00	0.03	0.20	27.10	14.30	0.95	1113.00	1.67	0.01	0.47	20.00	1.03	78.35	5.00	1.00	18.70	0.50	0.08	0.69	2.90
1267033	2.60	4.10	0.05	0.04	155.00	0.03	0.13	21.50	16.90	0.65	1405.00	1.60	0.00	0.29	22.80	0.42	75.45	5.00	1.00	12.30	0.50	0.05	0.55	2.60
1267034	4.00	4.90	0.05	0.04	378.00	0.06	0.15	5.40	20.40	0.30	1087.00	0.84	0.00	0.34	24.60	0.12	53.49	5.00	1.00	16.10	0.50	0.08	0.52	2.50
1267035	4.08	6.20	0.05	0.01	25.00	0.05	0.11	6.80	28.20	0.37	1838.00	0.83	0.00	0.48	20.10	0.05	30.70	5.00	1.00	16.00	0.50	0.01	0.39	3.30
1267036	4.95	7.20	0.05	0.06	45.00	0.06	0.11	6.70	49.00	0.61	3690.00	0.83	0.00	0.30	30.20	0.06	53.28	5.00	1.00	15.00	0.50	0.03	0.39	5.40
1267037	2.04	3.50	0.05	0.09	24.00	0.03	0.14	13.10	17.90	0.42	458.00	0.47	0.00	0.39	15.10	0.09	16.22	5.00	1.00	12.60	0.50	0.06	0.32	2.10
1267038	1.87	3.60	0.05	0.08	21.00	0.02	0.16	15.30	14.40	0.34	172.00	0.74	0.00	0.33	16.10	0.10	11.07	5.00	1.00	13.60	0.50	0.06	0.29	1.90
1267039	2.38	3.40	0.05	0.09	33.00	0.03	0.18	22.10	11.20	0.34	509.00	0.81	0.00	0.34	19.30	0.14	21.73	5.00	1.00	15.60	0.50	0.09	0.34	3.20
1267040	2.24	3.60	0.05	0.01	21.00	0.02	0.17	7.40	7.30	0.15	395.00	1.57	0.00	0.27	15.10	0.07	19.88	5.00	1.00	13.40	0.50	0.06	0.39	0.90
1267041	2.64	3.50	0.05	0.01	18.00	0.03	0.14	8.50	11.70	0.27	366.00	1.53	0.00	0.23	21.90	0.07	19.55	5.00	1.00	12.60	0.50	0.05	0.45	1.00
1267042	3.31	4.40	0.05	0.07	34.00	0.04	0.20	14.00	10.10	0.21	610.00	1.80	0.00	0.49	25.30	0.13	18.23	5.00	1.00	14.80	0.50	0.10	0.33	2.20
1267043	3.37	3.30	0.05	0.08	20.00	0.04	0.19	18.70	13.80	0.24	358.00	2.16	0.00	0.36	34.00	0.08	22.09	5.00	1.00	13.40	0.50	0.07	0.34	2.60
1267044	3.40	3.60	0.05	0.15	32.00	0.05	0.23	22.90	11.50	0.27	397.00	1.42	0.00	0.44	33.10	0.11	17.03	5.00	1.00	14.70	0.50	0.08	0.23	3.50
1267045	3.59	3.90	0.05	0.15	39.00	0.05	0.28	25.30	12.70	0.28	386.00	1.08	0.00	0.50	34.60	0.10	17.05	5.00	1.00	14.80	0.50	0.07	0.17	4.20
1267046	3.59	3.90	0.05	0.12	29.00	0.05	0.27	25.20	11.10	0.25	1118.00	1.42	0.00	0.40	30.90	0.11	16.56	5.00	1.00	14.80	0.50	0.08	0.22	3.40
1267047	2.63	2.20	0.05	0.10	21.00	0.04	0.20	17.80	7.90	0.29	313.00	0.98	0.01	0.29	26.20	0.08	12.53	5.00	1.00	11.00	0.50	0.04	0.11	3.80
1267048	3.81	3.90	0.05	0.16	36.00	0.04	0.22	28.00	12.70	0.27	544.00	1.24	0.00	0.41	32.00	0.09	16.63	5.00	1.00	16.10	0.50	0.08	0.16	4.70
1267049	3.38	3.40	0.05	0.17	26.00	0.04	0.23	24.60	10.70	0.25	421.00	1.20	0.00	0.44	30.90	0.08	15.50	5.00	1.00	14.90	0.50	0.08	0.16	4.40
1267050	3.39	5.00	0.05	0.21	29.00	0.05	0.23	16.20	11.20	0.25	309.00	1.36	0.00	0.46	21.30	0.13	15.20	5.00	1.00	22.10	0.50	0.07	0.14	3.70
1267101	2.72	4.90	0.05	0.12	34.00	0.03	0.10	32.30	39.10	1.47	548.00	0.54	0.00	0.30	31.80	0.09	27.41	5.00	1.00	9.20	1.00	0.01	0.45	5.10
1267102	2.58	5.60	0.05	0.14	23.00	0.03	0.11	31.30	43.20	1.89	401.00	0.36	0.00	0.15	34.50	0.08	43.08	5.00	1.00	8.10	0.50	0.01	0.24	4.90
1267103	3.43	6.40	0.05	0.23	32.00	0.04	0.12	16.30	51.10	1.27	298.00	0.28	0.00	0.24	49.30	0.09	22.97	5.00	1.00	8.30	0.50	0.04	0.15	6.80
1267104	3.06	1.50	0.05	0.13	169.00	0.04	0.12	10.90	6.90	0.14	246.00	0.58	0.00	0.07	30.60	0.17	73.15	5.00	1.00	7.20	0.50	0.08	0.58	4.10
1267105	2.55	2.20	0.05	0.11	125.00	0.03	0.13	5.00	8.50	0.20	259.00	0.71	0.01	0.11	20.90	0.12	42.14	5.00	1.00	6.90	0.50	0.15	0.44	2.30
1267106	3.78	3.20	0.05	0.15	128.00	0.03	0.20	7.30	18.10	0.46	329.00	2.32	0.02	0.11	30.20	0.12	40.23	5.00	1.00	9.10	1.00	0.25	0.55	4.00
1267107	4.26	2.50	0.05	0.08	185.00	0.04	0.13	9.40	10.10	0.21	631.00	1.95	0.00	0.12	41.90	0.08	32.35	5.00	1.00	7.50	2.00	0.06	0.63	6.10
1267108	4.40	4.60	0.05	0.03	35.00	0.03	0.11	7.40	13.50	0.28	529.00	1.32	0.00	0.36	24.40	0.12	38.13	5.00	1.00	14.60	1.00	0.06	0.60	3.00
1267109	4.68	3.90	0.05	0.10	39.00	0.05	0.09	9.00	27.00	0.26	782.00	1.09	0.00	0.39	34.60	0.08	30.86	5.00	1.00	11.20	0.50	0.03	0.66	4.20
1267110	4.06	4.10	0.05	0.01	42.00	0.03	0.09	7.50	7.00	0.15	251.00	1.26	0.00	0.28	26.00									

Sample No.	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Ti_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zn_pct	Zr_ppm
1266801	0.40	1.40	60.50	0.03	0.04	0.80	0.01	0.22	3.00	33.00	0.05	7.45	72.20		0.9
1266802	0.40	2.60	29.00	0.03	0.01	2.60	0.00	0.32	1.70	38.00	0.05	8.62	107.90		2.2
1266803	0.70	1.20	41.00	0.03	0.02	2.70	0.01	0.29	1.80	32.00	0.05	10.91	137.80		2.5
1266804	0.30	0.90	94.90	0.03	0.05	1.10	0.00	0.28	3.80	18.00	0.05	5.30	25.90		1.6
1266805	0.50	0.70	39.90	0.03	0.01	2.00	0.00	0.22	1.60	25.00	0.05	9.35	154.30		1.7
1266806	0.70	1.20	32.50	0.03	0.03	2.90	0.00	0.20	1.20	29.00	0.05	13.76	132.40		2.5
1266807	1.00	0.40	53.10	0.03	0.03	1.20	0.00	0.30	2.90	25.00	0.05	10.02	176.50		2.2
1266808	0.60	0.90	40.30	0.03	0.01	2.00	0.01	0.21	1.10	25.00	0.05	11.68	152.60		2.6
1266809	0.70	1.00	44.50	0.03	0.04	3.70	0.00	0.21	1.40	25.00	0.05	12.83	129.30		3.6
1266810	1.20	0.70	66.40	0.03	0.03	3.00	0.01	0.17	1.90	31.00	0.05	12.72	156.90		3.4
1266811	1.40	0.40	64.30	0.03	0.05	3.10	0.01	0.16	2.70	31.00	0.05	12.69	144.70		5
1266812	0.90	1.30	57.60	0.03	0.01	3.80	0.01	0.12	1.70	23.00	0.05	12.24	127.20		4.7
1266813	1.00	0.40	54.10	0.03	0.03	3.90	0.00	0.13	2.20	24.00	0.05	13.02	140.00		4.9
1266814	0.40	2.70	21.60	0.03	0.08	4.60	0.01	0.41	2.00	25.00	0.05	19.94	182.20		2.7
1266815	1.10	0.70	13.60	0.03	0.19	6.20	0.00	0.26	1.50	12.00	0.05	23.46	293.10		6
1266816	0.50	1.10	56.90	0.03	0.01	0.60	0.00	0.25	1.30	27.00	0.05	9.12	96.00		0.9
1266817	0.20	0.60	57.60	0.03	0.01	0.40	0.00	1.11	1.90	12.00	0.05	4.18	120.30		0.7
1266818	0.30	1.10	218.50	0.03	0.03	0.40	0.00	0.65	5.90	64.00	0.05	6.20	46.40		1
1266819	0.20	0.50	92.60	0.03	0.01	0.20	0.00	0.34	3.00	18.00	0.05	4.56	10.50		0.5
1266820	0.20	0.90	92.20	0.03	0.02	0.20	0.00	0.40	3.40	20.00	0.05	5.17	11.10		0.7
1266821	0.30	0.80	66.10	0.03	0.01	0.10	0.00	0.24	1.00	12.00	0.05	4.49	5.50		0.5
1267031	0.60	2.30	41.80	0.03	0.05	0.60	0.01	0.24	3.80	28.00	0.05	24.21	238.80		1
1267032	0.80	0.90	39.90	0.03	0.03	2.10	0.02	0.41	3.40	47.00	0.10	54.69	204.20		2.3
1267033	0.50	1.00	24.00	0.03	0.05	2.00	0.01	0.21	2.40	31.00	0.10	24.70	215.90		1.4
1267034	0.20	1.20	11.70	0.03	0.04	1.60	0.00	0.20	0.90	25.00	0.05	7.60	125.90		1
1267035	0.20	1.90	7.20	0.03	0.04	3.30	0.01	0.13	0.90	34.00	0.10	5.50	70.40		0.9
1267036	0.20	1.80	7.90	0.03	0.03	3.70	0.00	0.14	1.10	32.00	0.10	8.84	94.90		2.1
1267037	0.20	0.70	14.50	0.03	0.03	1.90	0.00	0.10	1.00	19.00	0.05	10.59	59.90		2.5
1267038	0.20	0.70	17.40	0.03	0.03	1.60	0.00	0.10	0.70	21.00	0.05	8.61	61.30		2.6
1267039	0.30	3.50	24.40	0.03	0.01	1.90	0.00	0.15	1.40	21.00	0.05	21.00	67.50		2.8
1267040	0.30	1.10	18.80	0.03	0.03	0.50	0.00	0.13	0.60	27.00	0.05	4.95	78.30		0.6
1267041	0.30	1.30	25.00	0.03	0.05	0.50	0.01	0.14	0.50	30.00	0.05	3.82	88.00		0.3
1267042	0.40	1.10	52.80	0.03	0.04	1.00	0.00	0.18	0.80	37.00	0.05	9.68	94.40		3.4
1267043	0.30	1.90	53.80	0.03	0.02	1.50	0.00	0.20	0.80	30.00	0.05	13.48	91.00		4.2
1267044	0.30	1.20	108.40	0.03	0.01	1.60	0.00	0.21	0.60	28.00	0.05	15.81	101.30		6.2
1267045	0.30	0.90	79.70	0.03	0.01	2.10	0.00	0.19	0.70	26.00	0.05	16.86	99.90		7.4
1267046	0.30	0.90	45.60	0.03	0.02	1.70	0.00	0.21	0.70	30.00	0.05	16.06	114.30		5.5
1267047	0.30	0.80	561.00	0.03	0.01	2.10	0.00	0.17	0.60	16.00	0.05	13.01	66.90		5.3
1267048	0.20	0.70	91.80	0.03	0.01	2.30	0.00	0.19	0.80	25.00	0.05	17.93	87.30		7.2
1267049	0.30	1.20	117.40	0.03	0.01	2.50	0.00	0.21	0.60	25.00	0.05	16.99	85.90		8
1267050	0.20	0.80	25.20	0.03	0.01	2.70	0.00	0.26	0.80	29.00	0.05	12.22	68.30		7.7
1267101	0.40	1.10	18.10	0.03	0.07	8.20	0.02	0.07	1.10	27.00	0.10	21.92	97.90		5.6
1267102	0.50	0.90	22.40	0.03	0.02	8.20	0.01	0.06	1.20	22.00	0.05	16.17	105.20		6.4
1267103	0.60	0.80	23.30	0.03	0.04	5.70	0.01	0.08	2.30	21.00	0.05	22.50	122.30		7.5
1267104	1.00	0.60	52.50	0.03	0.06	4.40	0.00	0.13	1.00	8.00	0.05	18.21	277.00		4.4
1267105	0.60	0.90	44.70	0.03	0.06	1.90	0.00	0.14	1.40	10.00	0.05	10.94	137.80		3.7
1267106	0.90	0.90	46.40	0.03	0.07	6.30	0.00	0.21	1.50	18.00	0.05	11.92	151.30		5.2
1267107	0.60	1.00	24.40	0.03	0.08	4.60	0.00	0.17	0.90	22.00	0.05	16.66	131.90		2.6
1267108	0.50	1.50	25.50	0.03	0.07	1.20	0.00	0.17	0.60	39.00	0.05	5.24	120.30		0.9
1267109	0.60	1.00	8.30	0.03	0.05	4.30	0.01	0.13	0.90	35.00	0.05	5.15	112.60		2.5
1267110	0.50	1.90	7.80	0.03	0.06	1.80	0.00	0.10	0.40	36.00	0.05	3.98	82.20		0.7
1267111	0.70	2.10	21.60	0.03	0.09	3.30	0.01	0.18	0.70	43.00	0.05	17.46	110.00		2.8
1267112	0.50	1.50	10.50	0.03	0.11	3.20	0.01	0.16	0.60	46.00	0.05	5.29	123.70		2.1
1267113	0.60	1.90	11.70	0.03	0.08	4.20	0.00	0.19	0.70	32.00	0.05	6.07	114.00		2.4
1267114	1.10	1.20	48.30	0.03	0.06	1.80	0.00	0.13	0.90	24.00	0.05	21.76	91.00		3.1
1267115	0.70	0.80	23.30	0.03	0.06	2.00	0.01	0.24	0.80	38.00	0.10	6.85	4099.50		1.1
1267116	0.90	0.90	11.80	0.03	0.03	3.70	0.01	0.19	0.80	50.00	0.05	6.56	120.10		5.3
1267117	1.00	0.80	40.00	0.03	0.06	0.70	0.01	0.35	0.60	33.00	0.10	13.06	669.10		1.1

Scarlet West Property (Car & Lin Claims) - 2011 Soil Sample Locations and Analytical Results																						
Sample No.	Sampler	Sample Date	grid_type	north	east	elevation	lab_ref_number	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm
1267118	PM	27/08/2011	UTM83-8	7130498	596852	1397	WHI11001355	389.00	0.62	15.70	0.30	3.00	701.50	0.30	0.09	9.75	1.98	12.80	5.60	9.20	0.68	11.23
1267119	PM	27/08/2011	UTM83-8	7130602	596847	1366	WHI11001355	542.00	0.80	34.10	1.90	5.00	125.90	0.50	0.23	8.30	1.92	21.20	8.70	11.20	1.38	21.93
1267120	PM	27/08/2011	UTM83-8	7130652	596845	1387	WHI11001355	272.00	0.57	30.00	1.80	3.00	1164.10	0.50	0.18	11.40	1.84	12.10	4.80	9.00	0.42	9.62
1267121	PM	27/08/2011	UTM83-8	7130700	596848	1402	WHI11001355	635.00	1.76	100.90	1.60	3.00	555.90	1.10	0.34	2.48	3.37	30.30	12.00	24.80	1.35	22.67
1267122	PM	27/08/2011	UTM83-8	7129997	597350	1523	WHI11001355	135.00	1.28	8.50	2.20	2.00	78.60	0.30	0.36	0.09	0.11	16.60	8.80	21.90	2.41	24.53
1267123	PM	27/08/2011	UTM83-8	7130048	597353	1524	WHI11001355	61.00	1.73	10.00	1.80	3.00	78.80	0.60	0.41	0.06	0.31	20.80	12.50	29.10	2.78	28.63
1267124	PM	27/08/2011	UTM83-8	7130100	597346	1533	WHI11001355	129.00	1.63	8.70	1.50	2.00	75.60	0.90	0.38	0.03	0.19	12.10	18.30	22.20	3.10	46.79
1267125	PM	27/08/2011	UTM83-8	7130155	597350	1550	WHI11001355	139.00	1.87	8.60	1.90	4.00	193.50	1.20	0.37	0.22	1.94	19.10	53.40	29.10	2.91	74.74
1267126	PM	27/08/2011	UTM83-8	7130202	597351	1552	WHI11001355	44.00	2.33	9.50	0.90	3.00	60.50	1.30	0.37	0.02	0.15	12.10	49.30	38.60	5.39	88.79
1267127	PM	27/08/2011	UTM83-8	7130252	597350	1542	WHI11001355	54.00	1.98	10.20	2.60	3.00	75.80	0.70	0.39	0.08	0.13	25.50	16.80	33.80	5.21	42.16
1267128	PM	27/08/2011	UTM83-8	7130300	597350	1529	WHI11001355	130.00	2.15	11.00	1.20	4.00	193.30	1.10	0.35	0.88	0.97	54.40	17.90	33.90	2.90	33.12
1267129	PM	27/08/2011	UTM83-8	7130349	597348	1517	WHI11001355	37.00	2.13	13.60	1.30	2.00	176.00	0.70	0.33	0.35	0.23	29.50	11.10	32.40	3.16	21.42
1267130	PM	27/08/2011	UTM83-8	7130404	597348	1506	WHI11001355	61.00	1.72	15.80	2.70	3.00	169.70	0.80	0.35	0.57	0.17	33.60	11.70	27.50	4.35	23.63
1267131	PM	27/08/2011	UTM83-8	7130499	597348	1483	WHI11001355	144.00	0.67	20.30	1.30	6.00	93.60	0.60	0.32	5.26	0.45	34.60	17.90	14.30	3.11	45.38
1267132	PM	27/08/2011	UTM83-8	7130546	597348	1460	WHI11001355	179.00	1.02	16.10	1.80	5.00	142.80	0.60	0.28	2.74	0.67	28.20	15.10	18.60	1.55	30.64
1267133	PM	27/08/2011	UTM83-8	7130602	597351	1442	WHI11001355	230.00	0.91	20.80	1.20	4.00	122.80	0.50	0.17	6.37	1.48	19.80	8.60	15.90	0.81	17.49
1267134	PM	27/08/2011	UTM83-8	7130650	597348	1430	WHI11001355	169.00	1.39	34.30	1.60	3.00	137.10	0.40	0.27	2.10	0.75	22.30	10.50	23.80	0.97	15.44
1267135	PM	27/08/2011	UTM83-8	7130698	597351	1403	WHI11001355	430.00	0.79	38.60	2.50	4.00	168.70	0.50	0.17	7.98	0.74	23.00	8.50	14.90	1.44	20.60
1267136	PM	28/08/2011	UTM83-8	7127552	592100	1356	WHI11001355	30.00	0.48	29.60	0.30	9.00	51.20	0.50	0.15	14.26	0.22	18.80	5.20	9.20	6.29	12.59
1267137	PM	28/08/2011	UTM83-8	7127596	592097	1348	WHI11001355	36.00	0.34	20.20	0.10	5.00	40.40	0.30	0.10	15.29	0.17	10.10	4.60	7.30	1.94	9.09
1267138	PM	28/08/2011	UTM83-8	7127647	592098	1357	WHI11001355	31.00	0.33	19.20	0.20	5.00	35.30	0.30	0.09	15.74	0.15	10.80	4.00	6.50	2.48	10.07
1267139	PM	28/08/2011	UTM83-8	7127698	592099	1387	WHI11001355	27.00	0.32	11.50	0.50	4.00	31.40	0.30	0.05	15.32	0.16	7.90	2.90	5.50	0.96	5.97
1267140	PM	28/08/2011	UTM83-8	7127748	592097	1397	WHI11001355	10.00	0.07	4.50	0.10	0.50	11.50	0.10	0.01	18.23	0.05	3.50	2.70	2.20	0.41	6.70
1267141	PM	28/08/2011	UTM83-8	7127800	592094	1388	WHI11001355	12.00	0.09	2.30	0.10	2.00	9.90	0.05	0.02	5.97	0.08	2.70	1.10	2.10	0.16	2.04
1267142	PM	28/08/2011	UTM83-8	7127897	592103	1311	WHI11001355	69.00	0.30	6.20	1.10	2.00	29.70	0.10	0.21	5.95	0.19	9.10	2.40	4.90	0.46	4.52
1267143	PM	28/08/2011	UTM83-8	7127953	592101	1281	WHI11001355	52.00	0.32	4.50	0.60	3.00	37.20	0.30	0.09	6.44	0.28	8.10	2.50	4.20	0.38	4.34
1267144	PM	28/08/2011	UTM83-8	7128003	592102	1277	WHI11001355	108.00	0.77	12.80	1.50	6.00	71.30	0.40	0.13	9.09	0.54	14.70	5.70	11.60	0.92	9.40
1267145	PM	28/08/2011	UTM83-8	7128100	592105	1220	WHI11001355	20.00	0.63	35.80	1.10	10.00	75.00	0.70	0.21	16.38	0.39	22.80	5.60	9.70	8.64	14.70
1267146	PM	28/08/2011	UTM83-8	7128200	592097	1212	WHI11001355	115.00	1.17	16.30	1.40	6.00	104.60	0.80	0.22	5.03	0.60	26.20	8.50	18.80	1.51	13.54
1267147	PM	28/08/2011	UTM83-8	7128253	592098	1202	WHI11001355	89.00	1.11	8.50	1.20	7.00	99.60	0.70	0.18	9.66	0.30	20.90	7.30	19.30	1.46	13.23
1267148	PM	28/08/2011	UTM83-8	7128304	592095	1189	WHI11001355	72.00	1.15	10.10	1.60	6.00	90.00	0.70	0.16	5.09	0.26	24.60	7.30	20.20	1.69	13.53
1267149	PM	28/08/2011	UTM83-8	7128354	592100	1177	WHI11001355	32.00	1.71	13.10	1.50	5.00	147.00	1.00	0.26	0.80	0.27	32.50	9.10	28.90	1.68	15.05
1267150	PM	28/08/2011	UTM83-8	7128398	592101	1158	WHI11001355	89.00	1.07	15.40	2.10	8.00	91.80	0.60	0.22	4.08	0.39	22.00	6.50	20.60	1.54	15.92
1267151	SP	27/08/2011	UTM83-8	7130048	597595	1427	WHI11001354	196.00	1.25	16.00	5.20	6.00	120.10	0.70	0.44	0.21	0.51	24.40	26.40	27.10	3.23	33.17
1267152	SP	27/08/2011	UTM83-8	7130101	597598	1458	WHI11001354	75.00	1.82	9.80	1.90	3.00	85.80	1.20	0.35	0.05	0.23	16.50	34.60	29.60	4.61	56.75
1267153	SP	27/08/2011	UTM83-8	7130252	597598	1518	WHI11001354	94.00	1.77	5.00	1.40	1.00	72.20	1.20	0.30	0.88	0.36	34.20	16.10	34.20	2.13	40.86
1267154	SP	27/08/2011	UTM83-8	7130303	597596	1520	WHI11001354	109.00	0.85	7.00	1.20	2.00	94.50	0.60	0.20	1.43	0.82	18.60	8.00	15.80	1.31	21.38
1267155	SP	27/08/2011	UTM83-8	7130351	597597	1513	WHI11001354	709.00	1.06	21.10	1.90	2.00	100.00	0.70	0.23	4.32	2.17	27.80	8.80	20.80	1.94	30.20
1267156	SP	27/08/2011	UTM83-8	7130401	597601	1505	WHI11001354	98.00	1.43	12.40	0.80	2.00	128.20	0.80	0.29	0.91	0.60	20.20	9.90	26.60	4.22	24.77
1267157	SP	27/08/2011	UTM83-8	7130452	597599	1496	WHI11001354	332.00	1.23	73.40	1.30	5.00	126.70	0.90	0.28	2.28	2.55	23.80	11.80	21.80	2.18	27.84
1267158	SP	27/08/2011	UTM83-8	7130504	597598	1477	WHI11001354	190.00	1.00	24.70	0.80	2.00	124.70	0.60	0.26	4.88	0.55	27.30	13.20	20.60	1.71	35.04
1267159	SP	27/08/2011	UTM83-8	7130603	597600	1442	WHI11001354	400.00	1.35	34.30	1.90	3.00	169.10	0.70	0.26	2.43	1.23	36.00	11.30	22.50	0.92	26.18
1267160	SP	27/08/2011	UTM83-8	7130650	597595	1419	WHI11001354	401.00	1.17	46.40	1.50	2.00	184.50	0.70	0.22	1.55	1.33	30.90	10.60	21.30	1.07	21.22
1267161	SP	27/08/2011	UTM83-8	7130699	597596	1406	WHI11001354	607.00	1.67	37.40	1.20	2.00	139.70	0.80	0.27	1.99	2.67	45.80	11.30	26.70	1.32	20.09
1267162	SP	28/08/2011	UTM83-8	7127600	595849	1557	WHI11001355	115.00	0.34	41.10	0.40	10.00	207.60	0.40	0.08	12.84	0.27	18.10	7.90	13.20	2.90	11.48
1267163	SP	28/08/2011	UTM83-8	7127646	595849	1546	WHI11001355	114.00	0.61	29.40	3.20	13.00	236.30	0.80	0.17	6.44	0.32	26.20	13.00	13.80	2.15	21.24
1267164	SP	28/08/2011	UTM83-8	7127698	595849	1541	WHI11001355	153.00	0.63	25.30	2.50	11.00	193.30	0.70	0.15	4.53	0.32	36.40	12.00	15.20	1.06	23.63
1267165	SP	28/08/2011	UTM83-8	7127752	595851	1534	WHI11001355	204.00	0.79	34.10	1.80	12.00	187.70	0.90	0.14	5.74	0.40	29.00	10.30	17.50	1.26	20.54
1267166	SP	28/08/2011	UTM83-8	7127797	595850	1531	WHI11001355	231.00	1.06	38.60	1.50	15.00	303.50	1.10	0.18	3.09	0.39	39.20	13.80	21.40	1.46	25.74
1267167	SP	28/08/2011	UTM83-8	7127851	595850	1532	WHI11001355	84.00	1.00	12.80	0.70	12.00	213.20	0.90	0.15	4.29	0.24	39.20	12.10	19.80	1.05	18.48
1267168	SP	28/08/2011	UTM83-8																			

Sample No.	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppb	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppb	S_pct	Sb_ppm	Sc_ppm
1267118	1.90	1.40	0.05	0.01	289.00	0.01	0.04	5.70	4.30	5.64	1576.00	0.93	0.01	0.15	9.60	0.09	92.05	5.00	1.00	4.00	0.50	0.06	7.23	1.10
1267119	2.61	1.80	0.05	0.04	348.00	0.06	0.11	9.50	6.70	4.18	1574.00	0.79	0.01	0.16	16.50	0.14	82.31	12.00	1.00	6.40	0.50	0.05	8.51	2.60
1267120	1.74	1.20	0.05	0.01	172.00	0.02	0.03	5.80	4.40	6.20	1325.00	0.58	0.01	0.18	9.20	0.07	30.48	5.00	1.00	2.70	0.50	0.07	51.52	1.20
1267121	5.68	4.30	0.05	0.04	334.00	0.09	0.05	14.30	11.30	1.18	4963.00	1.95	0.01	0.34	22.50	0.20	108.89	5.00	1.00	8.80	0.50	0.11	15.34	2.50
1267122	3.21	5.10	0.05	0.01	47.00	0.01	0.06	8.10	9.00	0.23	358.00	1.62	0.01	0.37	18.60	0.09	18.32	5.00	1.00	12.90	0.50	0.07	0.82	1.10
1267123	3.88	5.50	0.05	0.01	39.00	0.04	0.09	10.10	19.60	0.36	372.00	1.56	0.01	0.54	25.30	0.06	19.10	5.00	1.00	13.10	0.50	0.05	0.83	1.90
1267124	5.57	4.70	0.05	0.03	32.00	0.05	0.08	5.40	23.00	0.23	444.00	1.39	0.00	0.38	33.60	0.05	31.07	5.00	1.00	13.40	0.50	0.03	0.73	5.00
1267125	7.15	5.00	0.05	0.07	172.00	0.06	0.11	8.80	33.60	0.51	1624.00	0.71	0.01	0.10	49.70	0.04	47.23	5.00	1.00	9.10	0.50	0.03	0.87	10.10
1267126	7.56	6.70	0.05	0.05	33.00	0.05	0.10	5.10	39.10	0.53	665.00	0.80	0.00	0.18	48.20	0.03	28.73	5.00	1.00	11.50	0.50	0.02	0.69	7.60
1267127	4.32	6.00	0.05	0.01	40.00	0.05	0.11	12.90	24.30	0.55	484.00	1.74	0.01	0.46	27.10	0.07	27.15	5.00	1.00	15.80	0.50	0.03	0.99	4.50
1267128	4.52	4.90	0.05	0.01	53.00	0.05	0.09	18.70	17.90	0.35	962.00	1.26	0.01	0.52	31.30	0.14	37.68	5.00	1.00	14.20	0.50	0.07	0.86	4.70
1267129	3.40	6.30	0.05	0.02	48.00	0.03	0.08	14.40	20.30	0.56	510.00	1.11	0.01	0.53	26.50	0.09	43.24	5.00	1.00	15.80	0.50	0.04	1.01	2.70
1267130	3.31	5.30	0.05	0.03	66.00	0.03	0.08	15.80	14.90	0.42	517.00	1.18	0.01	0.52	25.50	0.07	32.75	5.00	1.00	13.50	0.50	0.04	0.97	3.20
1267131	3.75	1.70	0.05	0.01	238.00	0.03	0.13	18.70	4.80	0.17	488.00	0.69	0.01	0.15	31.30	0.09	38.66	5.00	1.00	8.10	0.50	0.06	0.78	4.40
1267132	3.42	2.60	0.05	0.05	132.00	0.05	0.06	14.80	8.30	0.32	789.00	0.72	0.01	0.40	24.50	0.10	49.14	5.00	1.00	5.70	0.50	0.10	0.91	2.60
1267133	2.49	2.30	0.05	0.03	178.00	0.03	0.04	9.60	7.10	2.82	1198.00	0.89	0.01	0.37	15.70	0.10	39.31	5.00	1.00	4.80	0.50	0.07	3.47	1.70
1267134	2.53	3.90	0.05	0.01	90.00	0.03	0.05	9.30	11.30	0.45	856.00	1.03	0.01	0.73	18.60	0.10	29.04	5.00	1.00	6.30	0.50	0.10	6.86	1.20
1267135	4.38	2.20	0.05	0.01	231.00	0.20	0.07	10.80	7.20	3.19	4922.00	0.91	0.01	0.21	20.90	0.14	42.07	11.00	1.00	6.10	1.00	0.02	9.42	2.50
1267136	1.46	1.40	0.05	0.03	14.00	0.01	0.11	9.40	6.10	6.04	168.00	3.72	0.01	0.21	25.90	0.06	11.53	5.00	1.00	8.80	0.50	0.06	1.02	1.40
1267137	0.85	0.80	0.05	0.03	11.00	0.01	0.08	6.30	2.20	7.60	155.00	2.57	0.01	0.10	14.70	0.03	8.70	5.00	1.00	4.50	0.50	0.09	0.60	1.00
1267138	0.76	0.70	0.05	0.04	18.00	0.01	0.09	6.40	2.10	7.79	142.00	2.50	0.01	0.08	11.80	0.02	10.00	5.00	1.00	5.10	1.00	0.09	0.60	1.00
1267139	0.54	0.70	0.05	0.01	2.50	0.01	0.04	6.00	2.00	8.08	209.00	1.52	0.01	0.08	8.60	0.03	5.03	5.00	1.00	3.40	0.50	0.08	0.49	0.50
1267140	0.17	0.20	0.05	0.01	2.50	0.01	0.01	3.30	0.40	10.03	128.00	0.29	0.00	0.03	4.70	0.01	7.03	5.00	1.00	0.70	2.00	0.08	0.25	0.30
1267141	0.18	0.10	0.05	0.01	2.50	0.01	0.01	2.90	0.40	3.38	82.00	0.27	0.00	0.04	2.60	0.01	3.12	5.00	1.00	0.90	1.00	0.01	0.11	0.20
1267142	0.55	0.60	0.05	0.01	2.50	0.01	0.03	7.70	1.80	3.37	293.00	0.51	0.01	0.10	6.30	0.03	10.13	5.00	1.00	2.60	0.50	0.01	0.36	0.60
1267143	0.71	0.70	0.05	0.01	19.00	0.01	0.03	6.20	1.80	3.49	323.00	0.47	0.01	0.08	5.90	0.03	16.92	5.00	1.00	2.80	2.00	0.02	0.36	0.50
1267144	1.75	1.70	0.05	0.01	37.00	0.01	0.09	8.70	5.10	4.41	594.00	1.37	0.01	0.16	14.10	0.08	37.65	5.00	1.00	6.70	2.00	0.07	0.85	0.80
1267145	1.70	1.90	0.05	0.04	13.00	0.01	0.15	10.80	8.70	4.11	150.00	3.63	0.01	0.15	31.40	0.09	13.16	5.00	1.00	11.50	4.00	0.07	1.18	1.60
1267146	3.46	2.90	0.05	0.02	91.00	0.04	0.12	13.30	9.20	2.68	763.00	1.42	0.01	0.25	17.30	0.07	70.20	5.00	1.00	11.20	0.50	0.05	0.95	2.30
1267147	1.92	3.00	0.05	0.02	96.00	0.01	0.14	10.80	14.60	1.90	364.00	0.75	0.01	0.28	15.90	0.05	22.07	5.00	1.00	10.40	0.50	0.03	0.52	2.30
1267148	1.92	2.90	0.05	0.01	84.00	0.02	0.13	13.30	11.80	2.76	410.00	1.27	0.01	0.32	18.30	0.07	19.43	5.00	1.00	10.90	0.50	0.04	0.58	2.20
1267149	3.09	4.90	0.05	0.04	40.00	0.03	0.14	14.60	20.50	0.61	391.00	1.42	0.01	0.59	23.30	0.05	30.30	5.00	2.00	14.20	0.50	0.04	0.80	3.10
1267150	2.23	2.90	0.05	0.02	90.00	0.01	0.13	12.30	11.70	1.78	359.00	1.83	0.01	0.32	21.60	0.12	29.27	5.00	1.00	10.90	0.50	0.08	0.81	1.70
1267151	4.59	4.70	0.05	0.01	66.00	0.04	0.13	9.70	15.70	0.36	1497.00	1.27	0.00	0.20	27.70	0.07	67.20	5.00	1.00	15.60	3.00	0.04	2.17	2.50
1267152	5.15	4.70	0.05	0.03	35.00	0.04	0.11	6.30	29.60	0.45	777.00	0.82	0.00	0.31	35.20	0.04	39.08	5.00	1.00	10.30	0.50	0.01	0.98	6.00
1267153	5.24	4.70	0.05	0.04	47.00	0.06	0.06	12.00	27.00	0.37	561.00	0.78	0.00	0.46	29.50	0.08	29.54	5.00	1.00	7.70	0.50	0.06	0.44	6.90
1267154	1.98	2.50	0.05	0.01	93.00	0.03	0.04	9.40	6.40	0.20	407.00	0.77	0.00	0.40	15.40	0.11	72.11	5.00	1.00	5.70	0.50	0.12	0.78	1.50
1267155	2.93	2.70	0.05	0.01	232.00	0.03	0.06	13.50	10.20	2.30	539.00	1.78	0.01	0.32	20.70	0.07	1709.87	5.00	1.00	6.70	0.50	0.04	6.30	4.40
1267156	3.00	4.60	0.05	0.02	78.00	0.03	0.08	8.70	14.30	0.36	419.00	1.01	0.00	0.74	21.70	0.10	46.75	5.00	1.00	10.80	0.50	0.09	1.21	2.30
1267157	3.15	3.10	0.05	0.03	315.00	0.04	0.10	11.30	9.40	0.49	991.00	1.50	0.00	0.42	22.70	0.15	336.25	5.00	1.00	9.30	0.50	0.14	5.79	2.30
1267158	3.15	2.60	0.05	0.04	275.00	0.03	0.07	15.30	8.40	0.42	446.00	0.81	0.01	0.34	26.90	0.08	58.95	5.00	1.00	6.20	0.50	0.04	1.51	3.60
1267159	3.59	3.40	0.05	0.01	278.00	0.03	0.05	16.00	9.20	0.58	1667.00	1.06	0.00	0.41	22.10	0.18	78.71	5.00	1.00	7.60	0.50	0.13	3.67	1.70
1267160	13.54	3.70	0.10	0.03	328.00	0.92	0.04	13.50	9.20	0.85	10000.00	1.07	0.01	0.23	20.70	0.11	60.40	5.00	1.00	6.10	0.50	0.08	3.22	3.80
1267161	3.74	4.10	0.05	0.01	326.00	0.04	0.05	14.70	12.20	0.69	1312.00	1.26	0.00	0.64	19.20	0.10	98.61	5.00	1.00	8.60	0.50	0.06	8.01	3.60
1267162	2.07	1.00	0.05	0.03	30.00	0.01	0.15	7.50	2.30	6.60	284.00	17.02	0.01	0.09	29.00	0.13	12.46	5.00	1.00	9.20	2.00	0.05	0.78	2.50
1267163	3.09	1.70	0.05	0.07	39.00	0.04	0.26	10.10	4.50	2.22	381.00	4.87	0.01	0.22	30.10	0.09	20.24	5.00	1.00	13.60	3.00	0.09	0.97	4.40
1267164	2.92	2.10	0.05	0.09	21.00	0.03	0.20	15.00	5.10	2.34	318.00	3.79	0.01	0.25	27.50	0.19	22.50	5.00	1.00	9.10	2.00	0.05	0.82	4.60
1267165	2.85	2.40	0.05	0.07	23.00	0.03	0.22	12.80	5.80	3.16	263.00	8.74	0.01	0.28	24.60	0.23	24.11	5.00	1.00	9.80	0.50	0.06	1.15	3.80
1267166	3.56	3.20	0.05	0.11	50.00	0.03	0.27	17.30	7.90	1.35	412.00	11.07	0.01	0.43	31.60	0.22	26.81	5.00	1.00	12.30	0.50	0.08	1.23	5.00
1267167	2.93	2.70	0.05	0.09	10.00	0.03	0.26	17.20	9.10	1.79	396.00	7.10	0.01	0.38	31.00	0.11	16.07	5.00	1.00	12.80	1.00	0.05	0.52	4.00
1267168	2.08	2.50	0.05	0.11	2.50	0.02	0.20	12.80	8.70	0.18	281.00	0.59	0.00	0.36	21.60	0.06	9.55							

Sample No.	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Ti_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zn_pct	Zr_ppm
1267118	0.70	2.20	36.20	0.03	0.05	0.30	0.01	0.24	0.50	17.00	0.05	11.35	439.90		0.5
1267119	0.70	0.70	67.60	0.03	0.02	1.00	0.01	0.33	1.20	21.00	0.10	16.15	499.90		1.4
1267120	0.40	1.20	43.50	0.03	0.02	0.50	0.01	0.18	0.90	19.00	0.20	8.16	405.80		0.5
1267121	0.90	0.70	24.00	0.03	0.07	0.90	0.01	0.34	2.10	51.00	0.10	27.89	480.20		1.2
1267122	0.40	1.50	7.60	0.03	0.01	0.30	0.01	0.17	0.80	42.00	0.10	3.78	71.60		0.2
1267123	0.70	1.00	10.90	0.03	0.04	0.50	0.01	0.16	0.90	46.00	0.10	4.43	94.40		0.05
1267124	0.50	0.80	12.40	0.03	0.03	3.10	0.00	0.18	0.60	39.00	0.05	4.41	109.40		1.6
1267125	0.30	0.90	33.20	0.03	0.03	4.60	0.00	0.13	1.00	39.00	0.05	18.57	515.80		2.7
1267126	0.30	0.90	17.60	0.03	0.03	3.90	0.01	0.12	0.70	43.00	0.05	6.89	132.70		3.3
1267127	0.60	0.90	15.20	0.03	0.04	2.50	0.02	0.18	1.00	52.00	0.20	5.37	102.20		0.2
1267128	0.60	0.80	95.10	0.03	0.03	1.30	0.01	0.16	2.40	44.00	0.10	14.83	164.00		0.8
1267129	0.30	0.80	42.90	0.03	0.05	1.30	0.01	0.22	1.20	54.00	0.20	7.07	220.90		0.5
1267130	0.40	1.20	25.00	0.03	0.05	1.80	0.01	0.33	1.10	45.00	0.20	9.06	128.80		0.7
1267131	0.70	1.00	139.80	0.03	0.06	1.40	0.00	0.53	0.80	20.00	0.05	22.55	189.70		0.6
1267132	0.40	7.20	110.90	0.03	0.05	0.90	0.01	0.22	1.20	30.00	0.10	19.40	227.10		1.7
1267133	0.40	0.80	46.60	0.03	0.04	0.60	0.01	0.16	1.10	28.00	0.05	14.03	260.10		0.9
1267134	0.30	1.00	42.90	0.03	0.03	0.50	0.01	0.16	1.80	40.00	0.20	9.64	144.70		0.4
1267135	0.60	0.70	140.40	0.03	0.03	2.40	0.01	0.27	1.40	24.00	0.20	11.64	201.20		0.7
1267136	0.40	2.00	108.60	0.03	0.04	1.80	0.01	0.45	3.10	46.00	0.05	7.81	65.80		1.3
1267137	0.40	0.90	87.40	0.03	0.02	0.60	0.00	1.17	1.80	17.00	0.05	5.59	38.40		0.8
1267138	0.40	2.70	96.30	0.03	0.04	0.70	0.00	1.14	2.20	19.00	0.05	5.56	28.20		0.9
1267139	0.30	0.60	67.70	0.03	0.01	0.20	0.00	0.53	1.50	17.00	0.05	5.25	27.10		0.5
1267140	0.40	1.30	43.60	0.03	0.01	0.20	0.00	0.37	1.10	11.00	0.05	3.25	3.60		0.3
1267141	0.20	0.90	17.00	0.03	0.01	0.10	0.00	0.06	0.30	4.00	0.05	2.41	8.10		0.3
1267142	0.40	0.70	23.80	0.03	0.01	0.30	0.01	0.20	0.40	10.00	0.05	6.40	34.00		0.4
1267143	0.10	0.40	33.70	0.03	0.01	0.20	0.00	0.17	0.50	12.00	0.05	5.41	61.80		0.2
1267144	0.30	1.60	43.10	0.03	0.01	0.30	0.00	0.66	1.40	27.00	0.05	8.89	166.60		0.2
1267145	0.50	2.20	145.80	0.03	0.05	2.80	0.00	0.50	5.60	60.00	0.05	9.03	87.60		2.7
1267146	0.40	1.50	34.30	0.03	0.04	1.40	0.00	0.85	1.60	43.00	0.05	11.79	247.30		0.9
1267147	0.40	0.90	193.50	0.03	0.01	1.60	0.01	0.26	2.70	26.00	0.05	8.61	80.20		1.1
1267148	0.30	0.80	42.00	0.03	0.01	1.10	0.01	0.33	1.80	31.00	0.05	10.86	79.90		0.8
1267149	0.30	0.90	19.30	0.03	0.01	2.60	0.01	0.31	2.00	44.00	0.05	7.94	124.10		1.6
1267150	0.40	0.80	42.30	0.03	0.04	0.70	0.01	0.47	3.50	31.00	0.05	10.95	116.80		0.8
1267151	0.40	1.60	15.10	0.03	0.06	0.70	0.01	0.23	0.80	43.00	0.20	4.49	261.30		0.05
1267152	0.30	0.90	11.50	0.03	0.02	2.80	0.01	0.21	0.70	38.00	0.05	6.66	133.60		1.3
1267153	0.30	1.00	47.70	0.03	0.01	2.10	0.00	0.10	0.80	37.00	0.05	13.38	97.70		1.5
1267154	0.50	0.80	111.90	0.03	0.02	0.30	0.01	0.11	1.50	23.00	0.05	9.79	127.30		0.7
1267155	0.50	0.50	48.80	0.03	0.04	1.40	0.01	0.15	1.00	31.00	0.10	11.76	652.20		0.8
1267156	0.50	1.40	26.10	0.03	0.04	0.80	0.01	0.25	1.20	39.00	0.10	5.99	207.20		0.7
1267157	0.80	1.00	47.10	0.03	0.07	0.60	0.01	0.45	1.10	33.00	0.10	18.55	1037.60		1.2
1267158	0.60	1.80	108.50	0.03	0.02	1.50	0.01	0.55	0.70	31.00	0.10	17.56	219.10		1.2
1267159	0.60	0.70	55.30	0.03	0.06	0.50	0.01	0.28	1.80	40.00	0.10	29.71	344.70		0.7
1267160	0.80	0.80	36.60	0.03	0.06	1.50	0.01	0.22	1.30	36.00	0.10	21.90	233.40		1.2
1267161	0.40	0.90	35.00	0.03	0.05	1.40	0.01	0.28	1.60	42.00	0.20	17.50	349.60		1
1267162	0.70	0.80	109.40	0.03	0.01	1.80	0.00	0.76	5.40	27.00	0.05	8.95	73.50		1.2
1267163	0.70	1.00	130.20	0.03	0.05	4.10	0.00	0.50	2.40	23.00	0.05	10.76	87.00		3.4
1267164	0.70	2.10	43.80	0.03	0.04	3.70	0.00	0.29	4.00	37.00	0.05	13.20	90.70		3
1267165	0.80	1.60	59.70	0.03	0.04	1.80	0.00	0.37	7.70	47.00	0.05	11.95	168.30		2.7
1267166	0.90	2.90	50.10	0.03	0.06	2.40	0.00	0.37	8.40	51.00	0.05	14.07	154.00		3.7
1267167	0.60	1.30	84.70	0.03	0.04	2.60	0.00	0.25	3.30	29.00	0.05	13.08	94.10		4.6
1267168	0.40	0.70	47.40	0.03	0.04	1.30	0.00	0.09	0.50	15.00	0.05	8.75	49.60		3.6
1267169	0.70	1.40	71.30	0.03	0.02	1.70	0.00	0.14	0.50	20.00	0.05	11.04	77.60		4.6
1267170	0.50	0.90	168.20	0.03	0.05	2.10	0.00	0.24	0.60	25.00	0.05	13.07	89.50		4.9
1267171	0.50	2.00	116.40	0.03	0.06	1.40	0.00	0.20	0.80	28.00	0.05	11.31	75.90		4.2
1267172	0.70	1.10	75.50	0.03	0.04	2.10	0.00	0.18	0.90	30.00	0.05	14.32	96.10		6.1
1267173	0.70	1.00	26.70	0.03	0.04	1.80	0.00	0.08	0.70	15.00	0.05	10.96	43.90		2.5
1267174	0.80	0.80	31.90	0.03	0.01	1.00	0.01	0.08	0.70	17.00	0.05	12.65	61.20		2
1267175	0.50	1.90	16.40	0.03	0.01	1.70	0.01	0.10	0.70	25.00	0.05	8.71	59.50		1.7

Scarlet West Property (Car & Lin Claims) - 2011 Soil Sample Locations and Analytical Results																						
Sample No.	Sampler	Sample Date	grid_type	north	east	elevation	lab_ref_number	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm
1267176	SP	28/08/2011	UTM83-8	7128350	595847	1553	WHI11001355	94.00	1.31	4.50	0.90	9.00	164.10	0.80	0.22	0.60	0.11	49.00	8.60	24.60	1.98	16.24
1267177	SP	28/08/2011	UTM83-8	7128399	595851	1559	WHI11001355	136.00	1.04	4.30	0.90	6.00	122.80	0.70	0.21	0.95	0.17	42.90	7.00	19.80	0.80	16.53
1267178	SP	28/08/2011	UTM83-8	7128496	595851	1534	WHI11001355	58.00	1.29	10.40	0.90	4.00	156.60	1.10	0.36	0.48	0.07	20.50	17.90	21.80	1.68	29.02
1267179	SP	28/08/2011	UTM83-8	7128557	595846	1525	WHI11001355	34.00	1.64	10.70	0.80	2.00	97.20	0.90	0.40	0.03	0.11	17.00	17.40	28.50	2.79	24.48
1267180	SP	28/08/2011	UTM83-8	7128602	595849	1520	WHI11001355	77.00	1.41	7.90	1.30	5.00	164.00	1.30	0.39	0.28	0.05	33.60	15.40	27.40	2.79	39.62
1267181	SP	28/08/2011	UTM83-8	7128654	595844	1517	WHI11001355	63.00	1.52	6.30	2.40	2.00	157.40	1.40	0.36	0.43	0.19	15.30	11.50	26.30	2.31	24.69
1267182	SP	28/08/2011	UTM83-8	7128700	595845	1538	WHI11001355	98.00	0.23	3.30	0.10	2.00	53.60	0.30	0.04	11.84	2.05	6.10	1.60	4.50	0.19	3.61
1267183	SP	28/08/2011	UTM83-8	7128751	595846	1550	WHI11001355	267.00	0.55	9.10	1.80	6.00	61.10	0.80	0.07	12.65	4.72	12.60	3.60	9.90	0.51	7.25
1267184	SP	28/08/2011	UTM83-8	7128798	595846	1561	WHI11001355	114.00	0.28	4.00	0.60	3.00	38.20	0.20	0.04	11.94	2.26	6.00	2.20	5.30	0.20	3.85
1267185	SP	28/08/2011	UTM83-8	7128850	595850	1560	WHI11001355	282.00	0.17	7.50	0.50	3.00	41.40	0.20	0.03	12.18	6.56	6.00	1.40	3.90	0.18	3.19
1267186	SP	28/08/2011	UTM83-8	7128902	595854	1552	WHI11001355	707.00	0.26	15.30	0.40	2.00	24.00	0.30	0.05	13.35	11.53	8.60	2.00	5.30	0.30	4.71
1267187	SP	28/08/2011	UTM83-8	7128953	595847	1536	WHI11001355	194.00	0.38	11.40	0.90	3.00	60.30	0.60	0.16	8.13	2.34	8.90	8.60	7.60	4.86	15.61
1267188	SP	28/08/2011	UTM83-8	7128996	595849	1531	WHI11001355	440.00	0.30	11.70	0.40	6.00	49.10	0.30	0.19	7.48	3.22	6.70	2.10	5.50	1.54	7.30
1267189	SP	28/08/2011	UTM83-8	7129045	595848	1528	WHI11001355	535.00	0.68	10.00	1.10	5.00	263.10	0.60	0.47	0.11	0.45	5.80	27.10	16.30	8.43	31.18
1267190	SP	28/08/2011	UTM83-8	7129102	595849	1558	WHI11001355	187.00	1.02	18.60	1.30	3.00	66.90	0.60	0.33	0.04	0.18	14.50	10.50	17.20	2.36	27.88
1267191	SP	28/08/2011	UTM83-8	7129153	595848	1558	WHI11001355	170.00	1.49	12.90	0.90	3.00	82.00	0.90	0.32	0.06	0.42	17.60	8.40	25.00	2.82	19.65
1267192	SP	28/08/2011	UTM83-8	7129298	595850	1448	WHI11001355	158.00	1.76	10.70	5.90	4.00	64.60	0.90	0.20	2.20	0.27	39.30	13.60	41.70	2.25	38.54
1267193	SP	28/08/2011	UTM83-8	7129344	595847	1402	WHI11001355	130.00	1.72	8.20	14.30	6.00	67.70	1.00	0.22	1.70	0.26	49.20	12.40	41.00	2.80	36.31
1267201	SP	27/08/2011	UTM83-8	7128804	596601	1536	WHI11001354	163.00	0.98	9.00	1.00	3.00	73.90	0.70	0.15	7.28	3.12	16.60	6.10	15.60	0.70	12.09
1267202	SP	27/08/2011	UTM83-8	7128752	596601	1544	WHI11001354	112.00	0.95	10.20	1.00	2.00	71.70	0.60	0.14	7.37	1.96	15.80	5.50	14.80	0.76	9.70
1267203	SP	27/08/2011	UTM83-8	7128700	596603	1539	WHI11001354	53.00	0.66	7.60	0.40	2.00	50.20	0.50	0.14	8.40	1.07	11.40	6.00	10.50	1.54	8.87
1267204	SP	27/08/2011	UTM83-8	7128652	596603	1547	WHI11001354	123.00	0.77	13.30	0.80	3.00	57.40	0.50	0.23	8.29	1.77	15.20	5.60	13.40	0.72	10.10
1267205	SP	27/08/2011	UTM83-8	7128604	596599	1554	WHI11001354	83.00	1.49	9.10	3.00	4.00	120.70	0.70	0.66	3.06	0.64	25.30	6.30	22.20	1.27	9.83
1267206	SP	27/08/2011	UTM83-8	7128557	596600	1536	WHI11001354	74.00	0.96	6.30	2.20	4.00	94.70	0.50	0.32	7.91	0.69	16.20	4.70	14.60	0.65	8.11
1267207	SP	27/08/2011	UTM83-8	7128505	596598	1519	WHI11001354	67.00	0.95	6.30	2.60	5.00	63.90	0.60	0.21	8.40	0.44	18.10	5.50	15.20	0.71	9.37
1267208	SP	27/08/2011	UTM83-8	7128456	596602	1497	WHI11001354	75.00	1.18	11.10	2.00	6.00	84.70	0.70	0.28	5.74	0.60	21.70	7.40	19.50	0.91	11.74
1267209	SP	27/08/2011	UTM83-8	7128351	596605	1460	WHI11001354	39.00	1.74	8.20	2.70	3.00	95.80	0.90	0.42	0.09	0.13	27.50	17.10	29.10	1.88	25.24
1267210	SP	27/08/2011	UTM83-8	7128299	596599	1460	WHI11001354	52.00	1.40	6.40	2.20	2.00	120.00	0.50	0.37	0.09	0.13	22.40	9.10	27.00	1.84	16.90
1267211	SP	27/08/2011	UTM83-8	7128253	596599	1455	WHI11001354	81.00	1.40	4.20	2.50	5.00	117.40	0.90	0.29	0.46	0.10	30.00	6.90	24.30	2.01	15.77
1267212	SP	27/08/2011	UTM83-8	7128201	596601	1451	WHI11001354	107.00	1.49	5.40	2.10	3.00	105.20	0.40	0.28	0.12	0.17	25.90	4.80	26.30	1.84	9.35
1267213	SP	27/08/2011	UTM83-8	7128150	596602	1447	WHI11001354	28.00	1.92	8.80	2.00	3.00	120.50	0.80	0.33	0.10	0.12	33.20	10.20	31.10	2.21	16.28
1267214	SP	27/08/2011	UTM83-8	7128100	596600	1443	WHI11001354	77.00	1.49	10.50	1.90	9.00	182.50	1.10	0.33	0.58	0.17	26.60	13.10	26.10	2.20	23.22
1267215	SP	27/08/2011	UTM83-8	7128050	596601	1444	WHI11001354	116.00	1.26	4.80	2.90	13.00	203.40	1.40	0.25	1.26	0.19	56.30	14.30	27.10	2.12	21.05
1267216	SP	27/08/2011	UTM83-8	7127995	596600	1444	WHI11001354	33.00	2.04	5.10	1.20	5.00	123.00	0.80	0.23	0.28	0.14	37.60	8.20	31.90	2.23	11.30
1267217	SP	27/08/2011	UTM83-8	7127950	596599	1446	WHI11001354	57.00	1.84	6.40	2.50	9.00	159.30	0.80	0.28	0.26	0.11	35.90	8.50	45.20	2.93	14.31
1267218	SP	27/08/2011	UTM83-8	7127898	596597	1451	WHI11001354	66.00	2.11	6.70	0.70	8.00	206.40	1.00	0.28	0.43	0.08	35.70	8.50	34.70	3.24	12.50
1267219	SP	27/08/2011	UTM83-8	7127853	596600	1453	WHI11001354	40.00	1.40	7.40	1.20	3.00	92.90	0.60	0.23	0.59	0.17	36.40	7.40	24.90	1.67	13.19
1267220	SP	27/08/2011	UTM83-8	7127801	596600	1454	WHI11001354	28.00	1.78	4.90	0.40	4.00	100.10	0.80	0.25	0.06	0.09	48.20	8.30	27.90	2.11	11.90
1267221	SP	27/08/2011	UTM83-8	7127750	596598	1451	WHI11001354	78.00	1.27	5.50	0.70	4.00	114.20	0.40	0.24	0.14	0.17	27.60	4.70	24.30	1.96	9.90
1267222	SP	27/08/2011	UTM83-8	7127703	596603	1446	WHI11001354	38.00	2.33	6.50	0.70	4.00	147.70	0.60	0.30	0.09	0.11	35.50	6.70	35.60	5.44	12.49
1267223	SP	27/08/2011	UTM83-8	7127652	596597	1443	WHI11001354	22.00	1.57	6.50	0.50	1.00	160.20	0.50	0.32	0.22	0.09	32.80	5.60	25.80	2.12	9.83
1267224	SP	27/08/2011	UTM83-8	7127502	596598	1441	WHI11001354	33.00	1.23	2.00	0.10	5.00	113.50	0.80	0.22	0.18	0.11	60.70	7.10	20.70	2.15	8.76
1267225	SP	27/08/2011	UTM83-8	7127399	596602	1442	WHI11001354	270.00	1.19	47.90	2.30	16.00	202.90	1.10	0.23	4.38	0.81	26.10	12.50	21.70	5.09	27.13
1267226	SP	27/08/2011	UTM83-8	7129355	596597	1733	WHI11001354	36.00	2.17	2.80	3.20	3.00	39.70	1.00	0.13	7.24	0.30	48.80	10.20	46.60	2.42	32.12
1267227	SP	27/08/2011	UTM83-8	7129397	596604	1700	WHI11001354	32.00	1.40	0.80	7.90	3.00	256.80	0.80	0.14	5.57	0.13	52.10	9.30	33.80	1.86	35.26
1267228	SP	27/08/2011	UTM83-8	7129450	596601	1663	WHI11001354	17.00	1.23	0.30	2.90	4.00	124.50	0.80	0.16	6.68	0.09	58.50	10.40	30.40	1.91	30.44
1267229	SP	27/08/2011	UTM83-8	7129499	596600	1639	WHI11001354	21.00	1.63	1.20	1.50	4.00	121.80	1.20	0.23	1.00	0.10	65.90	13.00	40.00	1.53	31.24
1267230	SP	27/08/2011	UTM83-8	7129550	596603	1604	WHI11001354	21.00	1.48	1.70	1.50	4.00	105.00	0.90	0.21	3.73	0.13	46.70	12.40	34.50	2.24	25.70
1267231	SP	27/08/2011	UTM83-8	7129601	596597	1567	WHI11001354	33.00	1.63	2.20	4.10	4.00	116.30	0.90	0.25	0.83	0.10	51.00	12.50	39.40	2.01	30.44
1267232	SP	27/08/2011	UTM83-8	7129651	596599	1548	WHI11001354	69.00	1.88	3.30	1.40	6.00	69.30	1.10	0.31	0.46	0.15	40.70	14.60	44.70	3.01	40.77
1267233	SP	27/08/2011	UTM83-8	7129700	596599	1532	WHI11001354	86.0														

Sample No.	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppb	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppb	S_pct	Sb_ppm	Sc_ppm
1267176	2.26	4.10	0.05	0.03	2.50	0.03	0.23	21.10	15.40	0.41	360.00	0.91	0.01	0.45	18.80	0.10	14.17	5.00	1.00	18.10	0.50	0.05	0.39	2.40
1267177	1.93	3.20	0.05	0.07	16.00	0.02	0.14	25.70	14.60	0.42	351.00	0.61	0.01	0.37	17.80	0.09	15.53	5.00	1.00	9.60	0.50	0.08	0.37	2.80
1267178	2.43	3.80	0.05	0.09	2.50	0.03	0.15	7.50	30.90	0.53	1462.00	0.65	0.01	0.16	26.30	0.05	26.95	5.00	1.00	9.80	0.50	0.02	0.26	3.50
1267179	3.63	5.50	0.05	0.05	2.50	0.03	0.10	7.20	28.90	0.36	1090.00	1.29	0.01	0.50	21.90	0.04	20.96	5.00	1.00	14.20	0.50	0.02	0.45	2.40
1267180	2.95	4.20	0.05	0.10	2.50	0.03	0.19	15.20	24.60	0.46	906.00	0.72	0.01	0.37	27.50	0.06	22.20	5.00	1.00	15.90	0.50	0.03	0.34	4.30
1267181	3.02	5.10	0.05	0.10	132.00	0.03	0.13	6.60	27.30	0.45	401.00	0.51	0.01	0.48	27.20	0.06	38.85	5.00	1.00	15.00	0.50	0.04	0.32	3.90
1267182	0.67	0.50	0.05	0.01	14294.00	0.01	0.02	3.20	1.30	8.47	1776.00	0.36	0.01	0.04	3.30	0.19	170.41	5.00	1.00	1.50	0.50	0.07	0.40	0.20
1267183	1.46	1.40	0.05	0.01	50000.00	0.01	0.05	6.00	4.40	6.88	1834.00	0.59	0.01	0.08	6.20	0.22	525.18	5.00	1.00	4.30	0.50	0.09	0.85	0.20
1267184	0.68	0.70	0.05	0.01	7631.00	0.01	0.03	3.00	2.40	8.74	1092.00	0.31	0.01	0.05	4.90	0.10	289.60	5.00	1.00	2.00	0.50	0.04	0.38	0.30
1267185	1.21	0.50	0.05	0.01	1548.00	0.01	0.01	3.80	0.80	8.64	2112.00	0.45	0.01	0.04	2.30	0.12	521.46	5.00	1.00	1.30	0.50	0.08	0.82	0.20
1267186	1.73	0.80	0.05	0.01	2663.00	0.01	0.02	5.00	2.00	9.31	1445.00	3.93	0.01	0.06	4.30	0.10	616.20	5.00	1.00	2.20	0.50	0.05	0.95	0.50
1267187	2.02	1.00	0.05	0.01	369.00	0.01	0.07	4.60	2.60	5.59	1897.00	0.82	0.01	0.09	15.40	0.11	224.76	5.00	1.00	6.00	0.50	0.06	0.63	1.10
1267188	1.90	1.00	0.05	0.04	189.00	0.01	0.15	3.60	1.30	4.92	967.00	1.08	0.01	0.07	4.40	0.08	238.31	5.00	1.00	6.60	0.50	0.17	1.13	0.90
1267189	2.69	2.70	0.05	0.03	139.00	0.01	0.17	1.80	1.50	0.09	5898.00	0.87	0.00	0.08	18.20	0.20	80.78	5.00	1.00	19.40	0.50	0.11	0.66	0.70
1267190	3.15	3.60	0.05	0.05	163.00	0.02	0.19	5.30	9.70	0.22	240.00	0.87	0.00	0.19	18.00	0.06	58.10	5.00	1.00	15.30	0.50	0.10	0.66	2.30
1267191	3.76	4.80	0.05	0.06	2387.00	0.02	0.12	7.90	17.00	0.21	772.00	1.20	0.00	0.48	16.60	0.12	131.51	5.00	1.00	14.50	1.00	0.06	0.76	1.90
1267192	2.50	5.30	0.05	0.16	42.00	0.02	0.16	19.90	41.00	2.35	314.00	0.66	0.01	0.16	29.20	0.08	16.50	5.00	1.00	12.00	0.50	0.06	0.38	5.10
1267193	2.62	5.30	0.05	0.12	52.00	0.02	0.18	25.00	41.90	2.32	360.00	0.51	0.01	0.11	29.10	0.07	20.08	5.00	1.00	13.00	0.50	0.04	0.28	5.30
1267201	2.35	2.40	0.05	0.02	81.00	0.01	0.05	9.30	6.90	4.84	1596.00	1.06	0.01	0.22	13.30	0.14	331.77	5.00	1.00	5.50	0.50	0.05	0.52	1.30
1267202	2.69	2.20	0.05	0.01	73.00	0.01	0.05	9.40	6.70	4.76	1934.00	1.56	0.01	0.19	11.60	0.16	380.13	5.00	1.00	5.80	0.50	0.07	0.55	1.20
1267203	1.60	1.40	0.05	0.05	30.00	0.02	0.06	6.90	4.20	5.95	1206.00	0.97	0.01	0.13	10.20	0.11	126.00	5.00	1.00	4.90	0.50	0.04	0.35	1.40
1267204	2.50	1.80	0.05	0.01	81.00	0.01	0.05	9.30	5.60	5.71	1617.00	3.89	0.01	0.15	12.20	0.15	353.06	5.00	1.00	4.30	0.50	0.05	0.55	1.50
1267205	2.45	4.00	0.05	0.05	82.00	0.03	0.11	13.20	10.50	1.60	1705.00	1.48	0.01	0.36	13.70	0.16	178.91	5.00	1.00	13.00	1.00	0.07	0.62	1.80
1267206	1.47	2.10	0.05	0.02	46.00	0.01	0.06	7.70	6.90	4.28	1492.00	0.84	0.01	0.21	9.80	0.15	156.45	5.00	1.00	6.70	1.00	0.06	0.53	0.80
1267207	1.48	2.20	0.05	0.05	49.00	0.01	0.09	7.90	9.20	4.59	759.00	1.26	0.01	0.20	12.50	0.12	122.53	5.00	1.00	7.70	1.00	0.02	0.52	1.20
1267208	2.61	3.30	0.05	0.07	94.00	0.02	0.16	10.30	12.30	3.22	1261.00	3.50	0.01	0.28	14.50	0.17	162.88	5.00	1.00	9.90	1.00	0.05	0.79	1.70
1267209	3.65	5.40	0.05	0.03	48.00	0.03	0.13	8.30	30.90	0.44	1382.00	0.80	0.00	0.35	24.90	0.06	33.59	5.00	1.00	14.60	0.50	0.03	0.41	1.90
1267210	3.09	5.90	0.05	0.01	44.00	0.02	0.14	9.00	14.70	0.26	705.00	0.97	0.00	0.32	15.60	0.06	21.98	5.00	1.00	17.00	0.50	0.04	0.45	0.90
1267211	2.36	4.40	0.05	0.04	14.00	0.03	0.18	11.30	23.60	0.43	297.00	0.73	0.00	0.41	18.00	0.07	18.49	5.00	1.00	18.30	0.50	0.05	0.33	1.80
1267212	2.08	5.40	0.05	0.01	21.00	0.03	0.13	10.70	12.90	0.27	237.00	1.24	0.00	0.28	13.50	0.09	11.25	5.00	1.00	18.70	0.50	0.05	0.44	0.50
1267213	3.41	6.20	0.05	0.03	22.00	0.03	0.16	11.00	21.20	0.37	467.00	1.44	0.00	0.51	22.10	0.06	20.93	5.00	1.00	17.30	1.00	0.03	0.60	1.50
1267214	2.99	4.60	0.05	0.10	18.00	0.03	0.17	11.10	30.40	0.42	767.00	1.19	0.00	0.35	24.40	0.10	43.31	5.00	1.00	17.50	2.00	0.05	0.37	2.50
1267215	3.57	3.70	0.05	0.11	27.00	0.05	0.31	23.80	13.30	0.35	434.00	1.87	0.00	0.32	38.70	0.10	22.89	5.00	1.00	19.70	1.00	0.06	0.32	3.90
1267216	2.67	5.50	0.05	0.04	15.00	0.01	0.18	14.70	19.60	0.44	194.00	1.51	0.00	0.43	22.40	0.05	11.04	5.00	1.00	19.70	1.00	0.01	0.40	1.80
1267217	2.87	5.70	0.05	0.03	14.00	0.01	0.21	13.80	16.00	0.37	342.00	3.05	0.00	0.35	29.80	0.10	18.22	5.00	1.00	24.80	2.00	0.04	0.39	1.60
1267218	3.02	6.20	0.05	0.07	17.00	0.03	0.23	14.20	18.80	0.45	345.00	1.43	0.00	0.50	21.30	0.11	16.08	5.00	1.00	29.30	0.50	0.04	0.40	2.30
1267219	2.57	4.90	0.05	0.01	17.00	0.04	0.16	13.50	12.80	0.53	330.00	1.81	0.00	0.38	18.40	0.08	14.63	5.00	1.00	19.20	0.50	0.04	0.51	1.10
1267220	2.60	5.40	0.05	0.04	11.00	0.03	0.18	17.70	18.80	0.41	308.00	0.89	0.00	0.32	18.10	0.07	13.49	5.00	1.00	19.80	1.00	0.03	0.43	1.50
1267221	1.78	5.10	0.05	0.01	29.00	0.03	0.15	12.50	10.60	0.24	283.00	1.49	0.00	0.28	12.30	0.09	12.24	5.00	1.00	18.60	1.00	0.06	0.43	0.40
1267222	2.75	9.00	0.05	0.03	28.00	0.03	0.21	14.50	17.50	0.37	200.00	1.29	0.00	0.64	16.40	0.08	13.50	5.00	1.00	24.20	0.50	0.04	0.48	1.20
1267223	2.45	7.70	0.05	0.01	20.00	0.01	0.10	13.80	14.10	0.28	157.00	1.34	0.00	0.63	15.50	0.06	17.52	5.00	1.00	12.20	0.50	0.03	0.44	1.00
1267224	1.93	3.70	0.05	0.04	18.00	0.03	0.22	19.10	15.70	0.39	288.00	0.42	0.00	0.24	15.70	0.08	10.47	5.00	1.00	17.60	0.50	0.03	0.16	1.60
1267225	3.02	3.40	0.05	0.13	80.00	0.03	0.31	11.20	11.30	1.82	399.00	10.01	0.01	0.44	52.00	0.22	27.40	5.00	1.00	19.60	3.00	0.08	1.25	2.80
1267226	2.16	6.10	0.05	0.14	17.00	0.03	0.16	23.50	42.10	3.52	316.00	0.73	0.00	0.06	25.90	0.06	13.22	5.00	1.00	11.90	0.50	0.01	0.11	3.80
1267227	1.88	4.40	0.05	0.10	17.00	0.03	0.14	24.40	29.80	2.95	324.00	0.29	0.00	0.05	21.80	0.05	12.07	5.00	1.00	9.30	0.50	0.01	0.14	3.10
1267228	2.01	3.80	0.05	0.13	7.00	0.02	0.15	28.90	25.60	2.18	320.00	0.16	0.00	0.08	27.10	0.07	5.33	5.00	1.00	8.60	0.50	0.01	0.11	3.40
1267229	2.76	4.80	0.05	0.13	18.00	0.04	0.16	33.50	33.90	1.63	317.00	0.22	0.00	0.08	37.70	0.07	17.00	5.00	1.00	9.90	0.50	0.01	0.16	4.50
1267230	2.57	4.60	0.05	0.11	9.00	0.02	0.15	22.00	32.10	1.42	343.00	0.15	0.00	0.06	35.90	0.07	11.05	5.00	1.00	9.30	0.50	0.01	0.13	3.40
1267231	2.92	5.10	0.05	0.14	33.00	0.02	0.15	24.90	36.80	1.38	198.00	0.26	0.00	0.16	40.40	0.08	14.77	5.00	1.00	9.50	0.50	0.02	0.16	4.50
1267232	3.43	6.10	0.05	0.15	30.00	0.04	0.18	17.50	46.90	1.26	499.00	0.21	0.00	0.13	47.40	0.08	25.21	5.00	1.00	11.50	0.50	0.02	0.15	5.30
1267233	2.28	1.50	0.05	0.09	98.00	0.03	0.17	6.90	5.30	0.30	191.00	0.72	0.											

Sample No.	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Ti_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zn_pct	Zr_ppm
1267176	0.40	1.10	18.30	0.03	0.01	1.90	0.01	0.12	0.90	27.00	0.05	11.14	62.30		1.7
1267177	0.70	1.30	18.50	0.03	0.02	2.20	0.01	0.08	1.00	21.00	0.05	19.33	57.50		3
1267178	0.30	1.00	14.80	0.03	0.02	4.20	0.00	0.10	0.50	19.00	0.05	8.75	69.20		4
1267179	0.50	1.30	7.00	0.03	0.03	3.10	0.01	0.11	0.80	35.00	0.10	3.59	54.40		1.8
1267180	0.40	1.30	11.40	0.03	0.04	4.70	0.01	0.09	1.20	25.00	0.10	14.79	67.00		2.8
1267181	0.30	1.50	13.20	0.03	0.04	3.40	0.00	0.21	1.40	23.00	0.05	9.83	139.50		3
1267182	0.60	0.90	46.10	0.03	0.01	0.05	0.00	0.27	1.00	6.00	0.05	4.17	414.30		0.3
1267183	1.50	1.70	97.40	0.03	0.09	0.20	0.00	0.85	1.60	11.00	0.05	6.81	1643.30		0.3
1267184	0.40	0.40	58.40	0.03	0.04	0.20	0.00	0.25	0.90	8.00	0.05	3.45	439.50		0.4
1267185	0.60	1.40	57.70	0.03	0.02	0.05	0.00	1.02	1.80	7.00	0.05	3.65	1239.90		0.1
1267186	0.60	0.70	98.90	0.03	0.03	0.20	0.01	0.85	2.20	9.00	0.05	4.98	3145.30		0.4
1267187	0.60	2.40	53.20	0.03	0.02	0.50	0.00	1.17	1.30	13.00	0.05	6.78	690.90		0.6
1267188	0.40	0.60	63.10	0.03	0.04	0.80	0.00	1.63	1.10	8.00	0.05	3.77	1292.70		1.2
1267189	0.50	4.20	8.90	0.03	0.09	0.50	0.00	0.34	0.80	20.00	0.05	2.46	116.70		1.6
1267190	0.30	1.30	10.80	0.03	0.04	3.90	0.00	0.17	0.70	20.00	0.05	4.90	123.40		1.8
1267191	0.50	1.60	11.50	0.03	0.06	2.30	0.01	0.28	1.20	40.00	0.10	3.97	379.20		1.9
1267192	1.10	1.20	43.70	0.03	0.01	6.00	0.00	0.15	2.60	31.00	0.05	11.96	101.80		7.2
1267193	0.90	1.90	34.40	0.03	0.03	6.70	0.01	0.14	1.80	28.00	0.05	13.81	104.00		5.4
1267201	0.60	0.40	34.10	0.03	0.03	0.70	0.01	0.72	1.60	26.00	0.05	8.69	2478.20		0.8
1267202	0.40	0.60	38.40	0.03	0.01	0.50	0.01	0.89	1.90	24.00	0.05	8.63	1315.10		0.7
1267203	0.30	0.90	41.80	0.03	0.01	0.80	0.00	0.39	1.10	16.00	0.05	7.59	455.00		0.8
1267204	0.40	0.60	55.50	0.03	0.01	0.70	0.00	0.92	2.70	20.00	0.05	9.16	973.90		0.8
1267205	0.30	1.20	23.10	0.03	0.01	1.00	0.01	0.53	1.30	33.00	0.05	10.80	660.30		1.1
1267206	0.50	0.60	36.30	0.03	0.01	0.40	0.01	0.30	1.10	23.00	0.05	6.70	440.70		0.6
1267207	0.40	0.80	37.70	0.03	0.01	0.90	0.01	0.24	1.00	19.00	0.05	6.58	169.90		1.2
1267208	0.40	0.60	33.30	0.03	0.04	1.20	0.01	0.96	1.20	24.00	0.05	9.57	437.20		1.9
1267209	0.20	1.00	7.20	0.03	0.04	2.10	0.01	0.14	0.80	31.00	0.10	5.32	90.80		0.8
1267210	0.30	1.10	6.90	0.03	0.03	0.50	0.01	0.16	0.80	34.00	0.05	4.06	72.60		0.5
1267211	0.30	3.40	31.50	0.03	0.01	1.80	0.00	0.14	0.90	26.00	0.05	5.79	79.40		1.1
1267212	0.30	1.50	9.40	0.03	0.03	0.40	0.01	0.20	0.70	41.00	0.05	3.17	64.40		0.4
1267213	0.30	1.60	8.30	0.03	0.06	1.40	0.01	0.20	0.90	47.00	0.05	4.27	76.90		0.5
1267214	0.30	3.70	27.90	0.03	0.04	2.40	0.00	0.15	1.40	29.00	0.05	8.22	93.70		2.9
1267215	0.70	2.40	66.10	0.03	0.02	3.00	0.00	0.32	0.90	30.00	0.05	15.14	103.00		6.2
1267216	0.30	1.30	20.10	0.03	0.01	2.50	0.00	0.25	0.80	39.00	0.05	4.50	72.20		1.4
1267217	0.50	3.10	19.60	0.03	0.04	1.20	0.01	0.25	0.90	42.00	0.10	5.97	77.50		1
1267218	0.30	1.40	29.00	0.03	0.04	2.30	0.01	0.29	1.10	47.00	0.10	5.54	78.20		2.7
1267219	0.30	1.40	6.50	0.03	0.01	1.20	0.00	0.24	0.90	38.00	0.05	4.41	77.70		1.1
1267220	0.20	1.00	6.40	0.03	0.03	1.90	0.01	0.18	0.60	35.00	0.05	4.63	56.80		0.8
1267221	0.20	2.80	8.00	0.03	0.03	0.20	0.00	0.22	1.10	44.00	0.05	1.98	57.40		0.3
1267222	0.40	1.10	9.40	0.03	0.04	0.80	0.01	0.45	0.80	61.00	0.05	3.80	72.40		0.7
1267223	0.30	1.40	15.60	0.03	0.01	0.60	0.01	0.26	0.70	57.00	0.05	3.99	54.50		0.3
1267224	0.10	0.70	11.00	0.03	0.01	3.00	0.00	0.13	0.50	18.00	0.05	5.40	40.30		1.2
1267225	1.40	1.20	96.10	0.03	0.04	2.30	0.01	1.36	7.70	55.00	0.05	11.64	179.30		4.9
1267226	0.70	1.50	107.50	0.03	0.01	6.60	0.00	0.12	1.30	30.00	0.05	10.83	91.30		6
1267227	0.90	0.40	103.60	0.03	0.01	6.70	0.00	0.08	1.00	20.00	0.05	11.30	71.60		6.4
1267228	0.20	0.50	102.90	0.03	0.01	8.20	0.00	0.07	1.20	14.00	0.05	10.89	69.80		7.6
1267229	0.30	1.00	21.80	0.03	0.01	9.70	0.00	0.08	1.20	17.00	0.05	13.46	90.60		6
1267230	0.20	0.50	70.00	0.03	0.03	8.50	0.00	0.07	1.30	15.00	0.05	10.47	82.80		6.3
1267231	0.40	1.40	25.00	0.03	0.01	8.00	0.00	0.08	1.50	17.00	0.05	15.21	96.60		6
1267232	0.30	0.70	21.20	0.03	0.02	8.50	0.00	0.10	1.60	19.00	0.05	15.18	116.60		6.5
1267233	0.60	1.10	42.80	0.03	0.06	2.80	0.00	0.21	1.00	8.00	0.05	9.05	114.20		4.1
1267234	0.70	1.80	32.40	0.03	0.01	2.70	0.00	0.13	0.80	15.00	0.05	9.36	79.30		3.5
1267235															
1267236	0.70	0.80	32.20	0.03	0.06	5.90	0.00	0.21	1.10	21.00	0.05	14.36	131.30		2.6
1267237	0.50	1.30	22.80	0.03	0.06	3.80	0.00	0.20	1.50	24.00	0.05	18.31	61.60		2.4
1267238	0.50	1.20	21.70	0.03	0.04	3.00	0.00	0.21	1.00	26.00	0.05	9.38	62.90		3.6
1267239	0.30	0.70	14.50	0.03	0.06	1.90	0.00	0.12	0.50	29.00	0.05	4.32	93.00		0.9
1267240	0.40	0.70	16.70	0.03	0.06	3.30	0.00	0.14	0.60	34.00	0.05	8.34	107.60		1.5

Scarlet West Property (Car & Lin Claims) - 2011 Soil Sample Locations and Analytical Results																							
Sample No.	Sampler	Sample Date	grid_type	north	east	elevation	lab_ref_number	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	
1267241	SP	27/08/2011	UTM83-8	7130202	596602	1400	WHI11001354	186.00	1.45	21.70	1.40	2.00	101.80	1.00	0.30	0.75	1.49	18.00	31.30	24.90	4.40	45.25	
1267242	SP	27/08/2011	UTM83-8	7130257	596596	1403	WHI11001354	135.00	0.86	20.20	1.10	1.00	88.30	0.80	0.31	0.09	0.65	12.00	17.20	24.20	7.44	45.92	
1267243	SP	27/08/2011	UTM83-8	7130299	596600	1416	WHI11001354	688.00	0.55	403.90	1.40	4.00	116.70	0.70	0.20	11.15	15.23	14.80	8.80	10.60	1.11	21.47	
1267244	SP	27/08/2011	UTM83-8	7130348	596603	1427	WHI11001354	624.00	0.69	31.80	3.10	4.00	154.60	0.50	0.21	11.65	7.22	21.00	8.00	12.90	0.86	13.52	
1267245	SP	27/08/2011	UTM83-8	7130398	596600	1408	WHI11001354	303.00	0.74	49.60	1.30	4.00	109.50	0.80	0.48	8.06	1.25	25.70	14.50	14.70	1.16	38.94	
1267246	SP	27/08/2011	UTM83-8	7130500	596602	1368	WHI11001354	200.00	0.71	48.70	2.20	3.00	111.70	0.70	0.39	1.83	0.60	24.50	12.80	13.00	2.72	35.94	
1267247	SP	27/08/2011	UTM83-8	7130550	596598	1352	WHI11001354	405.00	0.69	54.60	1.90	4.00	111.80	0.70	0.31	5.75	1.26	21.70	11.80	12.50	2.62	35.08	
1267248	SP	27/08/2011	UTM83-8	7130603	596602	1338	WHI11001354	517.00	0.82	36.00	1.50	2.00	375.70	0.50	0.17	9.08	1.37	16.00	6.20	12.10	0.95	17.47	
1267249	SP	27/08/2011	UTM83-8	7130648	596601	1326	WHI11001354	502.00	0.66	25.40	1.60	3.00	202.90	0.50	0.15	9.17	1.97	15.90	7.20	10.50	0.66	15.98	
1267250	SP	27/08/2011	UTM83-8	7130003	597599	1417	WHI11001354	135.00	1.80	11.30	1.10	1.00	169.60	0.90	0.30	0.54	0.39	40.30	13.40	29.90	1.76	24.70	
1267255	AP	27/08/2011	UTM83-8	7122694	599592	1312	WHI11001354	104.00	1.67	11.50	6.90	1.00	178.70	1.20	0.43	0.10	0.08	22.20	8.20	27.70	3.42	48.99	
1267256	AP	27/08/2011	UTM83-8	7122702	599651	1321	WHI11001354	33.00	1.56	10.20	4.50	1.00	100.60	0.60	0.38	0.07	0.19	23.30	12.70	26.20	1.86	18.64	
1267257	AP	27/08/2011	UTM83-8	7122703	599700	1327	WHI11001354	254.00	1.61	20.90	4.90	2.00	174.00	0.90	1.02	0.09	0.16	25.50	17.70	29.00	2.64	125.58	
1267258	AP	27/08/2011	UTM83-8	7122704	599753	1340	WHI11001354	58.00	1.62	9.70	4.10	2.00	144.20	1.10	0.42	0.07	0.11	25.10	11.70	27.40	1.89	29.44	
1267259	AP	27/08/2011	UTM83-8	7122703	599800	1345	WHI11001354	16.00	1.76	15.10	2.50	2.00	190.70	1.80	0.73	0.05	0.05	17.00	22.10	32.70	4.39	14.40	
1267260	AP	27/08/2011	UTM83-8	7122699	599852	1351	WHI11001354	12.00	1.91	8.50	2.10	1.00	153.50	1.50	0.41	0.07	0.08	19.30	17.60	29.00	1.75	22.42	
1267261	AP	27/08/2011	UTM83-8	7122700	599906	1351	WHI11001354	30.00	1.97	6.60	2.50	1.00	157.00	1.30	0.39	0.07	0.11	14.90	16.90	31.00	2.10	23.00	
1267262	AP	27/08/2011	UTM83-8	7122700	599953	1351	WHI11001354	9.00	1.45	6.10	1.20	0.50	115.50	0.40	0.37	0.05	0.10	19.10	11.10	21.50	1.62	9.03	
1267263	AP	27/08/2011	UTM83-8	7122704	600004	1353	WHI11001354	13.00	1.80	7.80	1.50	2.00	186.10	1.70	0.39	0.07	0.09	25.40	18.70	29.10	1.59	31.98	
1267264	AP	27/08/2011	UTM83-8	7122703	600054	1354	WHI11001354	41.00	1.60	6.50	2.00	0.50	170.20	0.80	0.38	0.03	0.07	8.30	14.20	28.10	3.05	10.57	
1267265	AP	27/08/2011	UTM83-8	7122704	600101	1351	WHI11001354	33.00	1.65	9.40	2.50	1.00	71.80	1.20	0.48	0.07	0.12	10.00	26.40	33.20	2.99	18.58	
1267266	AP	27/08/2011	UTM83-8	7122699	600154	1338	WHI11001354	28.00	1.63	13.00	2.50	2.00	63.10	0.60	0.37	0.07	0.11	20.10	8.10	35.60	2.11	12.88	
1267267	AP	27/08/2011	UTM83-8	7122703	600199	1328	WHI11001354	123.00	1.55	6.90	1.20	2.00	89.60	0.70	0.31	0.03	0.11	12.40	15.90	29.30	2.40	79.22	
1267268	AP	27/08/2011	UTM83-8	7122704	600249	1313	WHI11001354	41.00	1.13	5.20	2.20	2.00	136.80	1.90	0.36	0.09	0.26	17.50	9.50	22.50	2.90	31.45	
1267269	AP	27/08/2011	UTM83-8	7122697	600299	1296	WHI11001354	34.00	1.16	10.50	2.50	2.00	215.70	0.90	0.31	0.73	1.48	13.00	6.30	19.70	1.23	15.29	
1267270	AP	27/08/2011	UTM83-8	7122703	600346	1309	WHI11001354	161.00	1.04	9.10	1.70	5.00	738.30	0.40	0.19	6.46	15.39	15.70	5.90	14.70	0.74	9.08	
1267271	AP	27/08/2011	UTM83-8	7122703	600395	1322	WHI11001354	46.00	0.20	2.70	0.10	0.50	14.80	0.10	0.02	18.19	1.25	4.60	1.70	4.30	0.15	2.20	
1267272	AP	27/08/2011	UTM83-8	7122700	600440	1322	WHI11001354	46.00	1.45	14.60	1.10	4.00	125.20	0.90	0.17	8.41	0.65	29.30	10.00	22.60	0.85	12.24	
1267273	AP	27/08/2011	UTM83-8	7122697	600500	1305	WHI11001354	54.00	2.12	11.60	0.60	2.00	168.00	1.20	0.27	0.71	1.90	27.20	8.10	27.70	1.51	13.17	
1267274	AP	27/08/2011	UTM83-8	7122704	600553	1297	WHI11001354	97.00	1.76	14.00	39.30	1.00	169.90	1.00	0.27	0.63	1.15	31.30	9.90	28.40	1.48	14.64	
1267275	AP	27/08/2011	UTM83-8	7122699	600601	1300	WHI11001354	70.00	0.82	5.90	0.10	2.00	59.80	0.50	0.08	9.64	0.68	11.20	4.70	12.50	0.42	6.40	
1267276	AP	27/08/2011	UTM83-8	7122703	600653	1294	WHI11001354	167.00	1.59	13.20	2.00	2.00	198.10	1.00	0.24	1.24	1.57	20.30	9.10	23.30	0.77	17.05	
1267277	AP	27/08/2011	UTM83-8	7122699	600703	1273	WHI11001354	135.00	0.99	8.10	1.70	3.00	124.50	0.50	0.17	5.53	0.88	17.90	6.20	16.90	0.73	16.28	
1267278	AP	27/08/2011	UTM83-8	7122700	600752	1265	WHI11001354	22.00	1.37	10.20	1.50	2.00	73.30	0.50	0.28	0.15	0.28	17.40	11.40	22.80	1.63	19.12	
1267279	AP	27/08/2011	UTM83-8	7122700	600808	1252	WHI11001354	228.00	1.64	7.30	2.30	1.00	172.10	0.80	0.27	0.86	1.14	22.50	7.90	25.00	1.52	20.16	
1267280	AP	27/08/2011	UTM83-8	7122705	600851	1248	WHI11001354	45.00	1.27	7.70	1.80	1.00	103.20	0.40	0.27	0.15	0.42	13.30	7.10	16.90	1.15	15.04	
1267281	AP	27/08/2011	UTM83-8	7122703	600906	1243	WHI11001354	28.00	1.82	11.40	1.90	2.00	137.70	0.80	0.26	0.20	0.35	22.70	14.00	23.40	1.50	17.31	
1267282	AP	27/08/2011	UTM83-8	7122699	600955	1245	WHI11001354	205.00	0.76	9.60	1.20	2.00	66.50	0.90	0.29	1.39	0.26	33.10	12.00	14.50	0.65	23.77	
1267283	AP	27/08/2011	UTM83-8	7122699	600999	1252	WHI11001354	221.00	1.05	8.40	1.70	3.00	58.50	1.20	0.34	1.09	0.11	19.30	11.60	14.90	1.26	33.47	
1267284	AP	27/08/2011	UTM83-8	7122697	601050	1245	WHI11001354	186.00	1.17	12.80	0.10	2.00	192.40	1.50	0.24	2.94	0.90	40.60	7.60	22.10	0.30	14.97	
1267285	AP	27/08/2011	UTM83-8	7122700	601102	1228	WHI11001354	216.00	1.12	7.70	3.10	7.00	99.60	0.80	0.18	2.18	0.61	29.10	6.40	24.20	0.98	21.59	
1267286	AP	27/08/2011	UTM83-8	7122699	601152	1209	WHI11001354	72.00	1.90	4.90	2.90	5.00	143.20	0.90	0.18	1.09	0.29	47.80	9.00	35.70	1.91	19.95	
1267287	AP	27/08/2011	UTM83-8	7122699	601202	1181	WHI11001354	88.00	1.95	6.80	6.40	4.00	158.20	1.30	0.21	1.04	0.29	56.60	12.20	39.70	1.90	33.29	
1267288	AP	27/08/2011	UTM83-8	7122703	601251	1152	WHI11001354	87.00	1.68	5.00	4.90	4.00	183.60	1.00	0.17	1.42	0.24	48.90	9.60	35.60	1.47	29.32	
1267289	AP	27/08/2011	UTM83-8	7122695	601302	1119	WHI11001354	105.00	1.68	5.30	4.90	4.00	207.00	0.80	0.17	1.32	0.27	42.80	9.30	37.80	1.46	24.90	
1267290	AP	27/08/2011	UTM83-8	7122691	601350	1096	WHI11001354	94.00	1.52	5.30	4.80	3.00	244.00	0.90	0.19	1.60	0.24	40.90	11.30	33.20	1.06	29.32	
1267291	AP	27/08/2011	UTM83-8	7122695	601405	1075	WHI11001354	127.00	1.33	4.70	6.40	5.00	276.30	0.70	0.25	2.06	0.29	26.90	8.00	28.10	1.04	32.91	
1267292	AP	27/08/2011	UTM83-8	7122701	601451	1063	WHI11001354	123.00	1.08	4.90	4.00	4.00	179.70	0.60	0.30	2.70	0.40	15.50	7.60	18.00	0.74	26.10	
1267293	AP	27/08/2011	UTM83-8	7122694	601497	1044	WHI11001354	72.00	1.62	9.00	2.80	2.00	137.60	0.80	0.30	0.64	0.20	27.00	13.90	26.10	1.38	24.02	
1267294	AP	28/08/2011	UTM83-8	7127699	592346	1506	WHI11001355	47.00	0.70	35.00	0.60	11.00	74.40	0.90	0.25	9.68	0.30	33.00	4.80	15.90	12.91	19.59	
1267295	AP	28/08/2011																					

Sample No.	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppb	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppb	S_pct	Sb_ppm	Sc_ppm
1267241	6.42	4.90	0.05	0.03	1848.00	0.14	0.09	4.80	19.00	0.19	1219.00	0.72	0.00	0.28	29.90	0.07	78.18	5.00	1.00	10.60	0.50	0.04	1.05	6.40
1267242	3.88	3.50	0.05	0.01	248.00	0.03	0.11	5.30	9.20	0.09	298.00	0.59	0.00	0.14	20.20	0.03	62.61	5.00	1.00	12.50	0.50	0.01	0.80	4.60
1267243	3.60	2.60	0.05	0.03	637.00	0.04	0.04	5.90	4.50	6.01	2254.00	2.79	0.01	0.10	14.90	0.09	565.64	15.00	1.00	4.00	0.50	0.04	16.49	1.90
1267244	2.53	1.70	0.05	0.01	2932.00	0.04	0.04	8.90	5.30	5.90	3093.00	0.96	0.01	0.18	14.00	0.15	119.75	5.00	1.00	5.10	0.50	0.04	9.08	1.60
1267245	3.32	2.00	0.05	0.05	156.00	0.05	0.10	11.70	7.00	0.28	472.00	0.88	0.01	0.16	25.30	0.10	123.34	5.00	1.00	5.90	1.00	0.06	3.74	3.00
1267246	3.03	2.00	0.05	0.05	324.00	0.04	0.10	12.50	5.40	0.39	456.00	0.60	0.00	0.24	24.70	0.10	64.26	5.00	1.00	6.00	0.50	0.09	1.54	2.90
1267247	2.89	2.00	0.05	0.04	395.00	0.04	0.08	10.50	5.70	3.19	1107.00	1.04	0.01	0.19	24.20	0.09	70.31	5.00	1.00	5.70	0.50	0.05	6.76	2.50
1267248	2.82	1.90	0.05	0.02	415.00	0.05	0.05	6.30	5.20	4.85	2933.00	0.72	0.01	0.16	11.50	0.13	53.13	5.00	1.00	4.90	0.50	0.06	8.14	1.10
1267249	2.51	1.60	0.05	0.04	333.00	0.03	0.07	6.50	5.30	4.61	1964.00	0.89	0.01	0.12	13.90	0.11	81.38	5.00	1.00	4.20	0.50	0.05	7.34	1.50
1267250	4.00	4.60	0.05	0.01	76.00	0.04	0.08	15.20	17.50	0.44	580.00	1.07	0.01	0.46	30.30	0.10	31.10	5.00	1.00	10.20	0.50	0.04	0.78	3.10
1267255	2.79	6.00	0.05	0.04	36.00	0.05	0.09	8.00	16.40	0.30	608.00	1.23	0.00	0.52	14.70	0.11	29.60	5.00	1.00	15.50	0.50	0.04	0.38	3.20
1267256	3.08	5.10	0.05	0.02	22.00	0.04	0.07	10.80	19.00	0.36	1000.00	1.17	0.00	0.60	19.50	0.05	33.32	5.00	1.00	13.00	0.50	0.01	0.58	2.10
1267257	2.97	5.20	0.05	0.04	39.00	0.06	0.08	11.10	20.40	0.43	2388.00	2.12	0.00	0.47	24.40	0.06	38.12	5.00	2.00	11.20	0.50	0.01	0.55	3.00
1267258	3.00	5.00	0.05	0.01	43.00	0.03	0.08	10.70	20.00	0.36	907.00	1.09	0.00	0.58	21.20	0.05	30.99	5.00	1.00	12.30	0.50	0.03	0.60	2.40
1267259	4.34	5.40	0.05	0.03	20.00	0.04	0.11	4.80	30.00	0.49	1816.00	0.96	0.00	0.36	28.90	0.04	44.60	5.00	1.00	12.90	0.50	0.01	0.42	4.60
1267260	3.67	5.50	0.05	0.03	27.00	0.05	0.12	7.70	26.30	0.45	1534.00	0.66	0.00	0.30	27.80	0.02	48.43	5.00	1.00	14.40	0.50	0.01	0.33	4.10
1267261	3.65	6.70	0.05	0.03	27.00	0.04	0.13	6.20	27.70	0.40	1311.00	0.67	0.00	0.39	24.40	0.03	37.07	5.00	1.00	18.40	0.50	0.02	0.34	3.90
1267262	3.09	6.80	0.05	0.02	2.50	0.02	0.08	9.70	13.10	0.21	600.00	0.90	0.00	0.63	11.60	0.02	24.59	5.00	1.00	18.80	0.50	0.01	0.37	2.20
1267263	3.73	5.20	0.05	0.05	25.00	0.03	0.13	12.00	24.50	0.46	1310.00	0.68	0.00	0.24	31.30	0.02	56.99	5.00	1.00	13.90	0.50	0.01	0.38	5.00
1267264	3.57	7.40	0.05	0.01	28.00	0.03	0.14	4.10	17.60	0.23	502.00	0.81	0.00	0.69	14.40	0.03	26.13	5.00	1.00	26.10	0.50	0.01	0.42	2.60
1267265	4.01	5.60	0.05	0.03	23.00	0.04	0.14	3.70	18.80	0.39	1450.00	0.83	0.01	0.57	23.20	0.06	33.71	5.00	1.00	14.30	0.50	0.02	0.44	2.80
1267266	4.03	7.50	0.05	0.01	39.00	0.05	0.10	10.20	22.00	0.39	413.00	1.81	0.00	1.56	18.60	0.05	20.40	15.00	1.00	11.80	0.50	0.01	0.86	2.20
1267267	3.39	5.80	0.05	0.01	48.00	0.05	0.14	5.90	12.10	0.20	2558.00	1.26	0.00	0.58	16.80	0.06	16.98	5.00	1.00	17.90	0.50	0.03	0.59	2.70
1267268	3.21	4.90	0.05	0.01	31.00	0.04	0.13	8.20	8.90	0.15	976.00	0.83	0.00	0.65	17.50	0.06	24.95	5.00	1.00	19.30	0.50	0.04	0.45	2.80
1267269	2.73	3.60	0.05	0.05	41.00	0.03	0.09	7.40	11.60	0.40	491.00	1.16	0.00	0.55	16.00	0.10	348.02	5.00	1.00	14.60	0.50	0.06	0.46	2.90
1267270	2.19	3.50	0.05	0.02	647.00	0.03	0.04	7.00	5.70	3.12	2621.00	1.58	0.01	0.30	8.20	0.14	833.80	5.00	1.00	7.10	0.50	0.13	0.34	1.00
1267271	0.75	0.60	0.10	0.02	219.00	0.01	0.01	2.60	1.90	10.87	772.00	0.56	0.01	0.07	3.40	0.07	1193.97	5.00	1.00	2.40	1.00	0.01	0.11	0.30
1267272	2.87	3.30	0.05	0.04	47.00	0.03	0.06	17.80	10.50	4.39	2444.00	2.13	0.01	0.29	15.60	0.12	70.97	5.00	1.00	8.00	1.00	0.01	0.49	2.30
1267273	4.34	5.00	0.05	0.03	37.00	0.04	0.08	13.30	16.50	0.60	2599.00	1.42	0.00	0.42	20.40	0.12	103.74	5.00	1.00	14.00	0.50	0.04	0.46	2.60
1267274	5.20	4.80	0.05	0.03	75.00	0.03	0.07	16.40	14.60	0.58	1537.00	2.05	0.00	0.49	22.40	0.09	177.55	5.00	1.00	13.30	0.50	0.04	0.58	3.10
1267275	1.63	1.70	0.05	0.01	43.00	0.01	0.03	6.40	5.20	5.07	2014.00	0.68	0.01	0.15	9.00	0.11	22.19	5.00	1.00	4.70	0.50	0.02	0.37	0.80
1267276	6.45	4.20	0.05	0.06	71.00	0.02	0.07	13.70	14.50	0.70	1716.00	2.25	0.00	0.30	19.40	0.09	281.40	5.00	1.00	9.30	0.50	0.04	0.49	3.50
1267277	3.83	2.60	0.05	0.03	48.00	0.02	0.09	9.50	9.20	2.97	1453.00	1.30	0.01	0.35	18.20	0.09	77.03	5.00	1.00	8.10	0.50	0.06	0.52	2.60
1267278	4.06	4.70	0.05	0.01	10.00	0.02	0.10	8.30	22.20	0.36	506.00	1.34	0.00	0.41	18.60	0.04	38.35	5.00	1.00	15.70	0.50	0.01	0.58	2.20
1267279	3.29	4.80	0.05	0.03	90.00	0.04	0.07	12.40	17.70	0.44	798.00	1.30	0.00	0.52	19.90	0.13	83.41	5.00	1.00	12.90	0.50	0.07	0.44	2.70
1267280	2.82	4.30	0.05	0.01	22.00	0.03	0.08	6.20	12.20	0.18	324.00	1.09	0.00	0.35	14.90	0.04	23.24	5.00	1.00	13.30	0.50	0.01	0.29	1.60
1267281	4.33	4.10	0.05	0.03	16.00	0.04	0.09	9.50	28.30	0.34	342.00	0.95	0.00	0.55	32.20	0.05	42.89	5.00	1.00	13.00	0.50	0.01	0.59	2.50
1267282	3.27	2.00	0.05	0.03	68.00	0.04	0.06	11.60	8.50	0.17	388.00	0.56	0.00	0.26	30.90	0.05	51.35	5.00	1.00	6.00	0.50	0.05	0.57	3.10
1267283	3.47	2.90	0.05	0.07	72.00	0.04	0.08	9.40	19.10	0.28	190.00	0.44	0.00	0.14	38.40	0.03	51.93	5.00	1.00	8.20	0.50	0.03	0.51	6.30
1267284	4.11	2.40	0.05	0.08	86.00	0.03	0.04	23.20	11.50	0.78	856.00	0.93	0.01	0.34	16.00	0.11	23.48	5.00	1.00	5.60	1.00	0.07	0.29	2.90
1267285	1.89	3.50	0.05	0.07	73.00	0.03	0.11	20.40	26.50	0.53	233.00	0.60	0.01	0.41	18.40	0.08	16.53	5.00	1.00	12.70	0.50	0.07	0.30	1.90
1267286	2.38	6.30	0.05	0.10	42.00	0.03	0.17	21.20	41.00	1.49	340.00	0.38	0.00	0.51	22.40	0.04	12.79	5.00	1.00	20.40	0.50	0.03	0.26	3.90
1267287	2.54	6.30	0.05	0.13	58.00	0.05	0.12	29.90	44.80	1.73	387.00	0.50	0.00	0.63	27.90	0.04	20.90	5.00	1.00	15.50	0.50	0.03	0.32	6.00
1267288	2.15	5.50	0.05	0.09	57.00	0.04	0.11	25.80	39.10	1.59	387.00	0.38	0.00	0.49	22.30	0.05	13.38	5.00	1.00	14.00	0.50	0.05	0.26	4.40
1267289	2.17	5.30	0.05	0.10	52.00	0.03	0.10	21.20	41.90	1.47	284.00	0.57	0.00	0.58	23.20	0.05	14.69	5.00	1.00	13.60	0.50	0.04	0.32	4.50
1267290	2.14	4.70	0.05	0.09	74.00	0.03	0.07	18.90	37.70	1.17	533.00	0.43	0.00	0.58	21.70	0.05	17.13	5.00	1.00	9.60	0.50	0.06	0.29	4.00
1267291	1.89	3.80	0.05	0.07	91.00	0.04	0.06	13.40	28.50	0.84	421.00	0.57	0.00	0.64	17.90	0.07	15.66	11.00	1.00	8.70	1.00	0.09	0.41	3.20
1267292	1.86	2.70	0.05	0.06	77.00	0.03	0.05	7.30	17.10	0.47	455.00	0.58	0.00	0.44	15.00	0.07	17.64	5.00	1.00	5.40	1.00	0.09	0.42	1.70
1267293	3.34	4.20	0.05	0.06	42.00	0.03	0.08	10.90	36.10	0.61	654.00	0.69	0.00	0.29	25.50	0.03	26.07	5.00	1.00	9.00	0.50	0.01	0.42	3.40
1267294	2.06	2.10	0.05	0.08	34.00	0.01	0.15	13.60	8.80	3.97	184.00	4.62	0.01	0.22	28.20	0.10	16.83	5.00	1.00	15.30	0.50	0.01	1.11	2.10
1267295	1.90	1.80	0.05	0.06	22.00	0.03	0.13	10.90	6.70	3.90	156.00	3.88												

Sample No.	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Ti_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zn_pct	Zr_ppm
1267241	0.40	2.60	32.90	0.03	0.02	2.90	0.00	0.19	0.70	34.00	0.05	10.20	551.90		1.9
1267242	0.30	1.30	46.20	0.03	0.03	2.60	0.00	0.22	0.40	36.00	0.05	5.93	197.60		1
1267243	0.90	3.60	42.80	0.03	0.01	0.60	0.00	0.59	0.70	25.00	0.10	13.77	3938.20		1
1267244	0.60	0.50	106.30	0.03	0.03	0.50	0.01	0.60	0.80	22.00	0.05	13.52	1657.80		0.5
1267245	0.70	0.90	143.30	0.03	0.06	1.20	0.00	0.46	0.80	23.00	0.10	15.30	551.30		1.4
1267246	0.80	1.90	42.80	0.03	0.07	1.50	0.00	0.73	0.80	20.00	0.05	16.41	329.40		2.2
1267247	0.80	0.90	34.60	0.03	0.05	1.30	0.00	0.72	0.80	21.00	0.05	14.79	367.70		1.5
1267248	0.80	0.80	36.40	0.03	0.01	0.50	0.00	0.31	1.30	23.00	0.10	14.66	242.30		0.8
1267249	0.60	0.80	52.80	0.03	0.04	0.80	0.00	0.23	0.90	19.00	0.10	13.24	330.50		1.1
1267250	0.40	1.40	42.10	0.03	0.04	1.90	0.01	0.15	1.30	44.00	0.10	11.13	129.90		0.7
1267255	0.20	1.20	9.80	0.03	0.04	2.20	0.00	0.22	1.90	37.00	0.20	8.00	62.50		0.8
1267256	0.20	0.90	8.30	0.03	0.03	3.00	0.01	0.18	0.80	41.00	0.20	4.02	100.00		0.5
1267257	0.30	4.30	11.10	0.03	0.03	3.90	0.01	0.11	2.10	39.00	0.20	5.60	82.50		1
1267258	0.20	1.00	8.60	0.03	0.03	2.30	0.01	0.18	1.00	40.00	0.20	5.88	91.00		0.4
1267259	0.05	2.80	7.00	0.03	0.05	6.30	0.01	0.14	1.30	34.00	0.20	6.57	88.60		1
1267260	0.05	1.40	7.50	0.03	0.02	5.00	0.00	0.17	0.90	33.00	0.10	9.10	114.20		1
1267261	0.20	2.30	7.80	0.03	0.05	3.90	0.00	0.18	0.90	37.00	0.10	6.84	108.60		0.9
1267262	0.05	1.00	7.40	0.03	0.04	4.50	0.01	0.18	0.60	44.00	0.10	3.41	53.60		1.4
1267263	0.05	1.30	8.00	0.03	0.03	5.80	0.00	0.16	1.00	32.00	0.05	13.16	125.10		1.7
1267264	0.10	1.50	7.30	0.03	0.04	4.90	0.01	0.16	1.00	41.00	0.10	4.31	57.80		1
1267265	0.30	4.60	5.50	0.03	0.07	3.90	0.01	0.10	1.00	35.00	0.20	4.50	80.40		0.7
1267266	0.40	1.30	8.50	0.03	0.07	4.10	0.04	0.11	0.70	58.00	0.30	2.72	70.60		1
1267267	0.50	1.40	5.40	0.03	0.05	2.10	0.01	0.14	1.00	43.00	0.10	3.71	62.10		0.1
1267268	0.20	2.90	8.90	0.03	0.07	0.90	0.01	0.12	1.20	40.00	0.10	14.40	73.60		0.2
1267269	0.30	0.70	9.30	0.03	0.04	1.90	0.01	0.47	1.10	28.00	0.05	5.85	1903.70		1.4
1267270	0.50	0.60	21.90	0.03	0.03	0.40	0.01	0.39	1.10	23.00	0.05	7.19	5769.10		0.6
1267271	0.30	1.20	42.90	0.03	0.03	0.20	0.00	0.06	0.50	6.00	0.05	2.96	468.20		0.4
1267272	0.40	4.20	31.30	0.03	0.05	1.30	0.01	0.38	1.10	35.00	0.10	12.88	425.50		1
1267273	0.20	1.10	10.30	0.03	0.03	1.70	0.01	0.40	1.50	43.00	0.10	9.63	978.70		0.9
1267274	0.40	0.80	12.40	0.03	0.04	2.10	0.01	1.36	2.10	44.00	0.10	11.07	1612.30		0.7
1267275	0.30	0.50	30.00	0.03	0.02	0.40	0.01	0.13	2.20	24.00	0.05	7.63	175.20		0.6
1267276	0.40	0.50	12.10	0.03	0.03	2.80	0.00	0.97	2.10	37.00	0.05	13.14	987.50		2
1267277	0.40	0.80	34.50	0.03	0.02	2.80	0.01	0.52	1.30	30.00	0.10	9.98	411.50		1.1
1267278	0.20	0.70	9.70	0.03	0.05	2.80	0.01	0.24	0.50	42.00	0.05	2.47	266.10		0.7
1267279	0.60	1.40	24.70	0.03	0.04	1.30	0.01	0.40	2.30	39.00	0.10	10.40	369.80		1.1
1267280	0.20	0.80	9.50	0.03	0.04	1.80	0.00	0.15	0.70	36.00	0.05	2.61	109.00		0.4
1267281	0.20	0.60	24.20	0.03	0.05	4.30	0.01	0.17	0.90	39.00	0.05	3.96	106.80		1.5
1267282	0.50	4.10	104.20	0.03	0.07	2.00	0.00	0.11	2.60	21.00	0.05	14.81	68.50		1.5
1267283	0.60	1.90	85.20	0.03	0.06	5.20	0.00	0.21	1.00	17.00	0.05	17.42	92.20		3.5
1267284	0.50	1.90	77.70	0.03	0.10	1.70	0.00	0.12	2.60	35.00	0.05	20.00	112.20		2.7
1267285	0.70	0.80	83.20	0.03	0.01	0.90	0.01	0.13	10.10	31.00	0.05	10.65	96.30		3
1267286	0.40	1.30	51.30	0.03	0.02	3.30	0.01	0.14	3.30	40.00	0.05	9.58	65.80		4.3
1267287	0.40	6.80	47.60	0.03	0.01	5.00	0.01	0.16	3.00	40.00	0.05	17.73	73.80		5.3
1267288	0.60	1.60	67.50	0.03	0.01	2.80	0.01	0.12	2.50	34.00	0.05	16.29	60.40		4.1
1267289	0.60	2.10	65.90	0.03	0.01	3.30	0.01	0.13	1.90	34.00	0.05	13.39	71.70		4.3
1267290	0.90	1.70	74.60	0.03	0.01	2.60	0.01	0.12	3.20	32.00	0.05	13.45	71.70		3.9
1267291	1.20	2.30	93.10	0.03	0.03	1.50	0.01	0.13	9.90	28.00	0.05	12.31	65.40		2.8
1267292	0.90	2.60	112.60	0.03	0.01	1.00	0.00	0.09	5.90	21.00	0.05	7.66	70.20		2.6
1267293	0.30	1.50	34.70	0.03	0.06	4.60	0.00	0.11	1.90	30.00	0.05	8.92	85.50		2.4
1267294	0.40	1.80	134.00	0.03	0.05	2.90	0.00	0.38	4.80	78.00	0.05	11.44	87.60		3.1
1267295	0.40	4.90	122.50	0.03	0.06	2.80	0.00	0.39	6.20	68.00	0.05	9.89	72.70		3
1267296	0.30	0.90	61.10	0.03	0.01	0.30	0.01	0.25	1.70	32.00	0.10	6.87	77.00		0.5
1267297	0.30	1.00	77.50	0.03	0.03	0.90	0.00	0.63	1.90	16.00	0.05	4.81	18.70		1.1
1267298	0.30	1.40	182.30	0.03	0.05	1.20	0.00	0.78	7.80	27.00	0.05	5.77	28.50		1.3
1267299	0.30	0.80	40.80	0.03	0.01	0.20	0.01	0.15	0.80	17.00	0.05	6.09	15.90		0.4
1267300	0.40	2.00	103.80	0.03	0.01	0.40	0.00	0.28	3.00	17.00	0.05	4.32	13.20		0.6
1267301	0.60	1.10	32.30	0.03	0.04	0.40	0.01	0.24	1.20	47.00	0.05	17.79	106.90		0.5
1267302	0.30	0.40	45.40	0.03	0.01	0.20	0.01	0.12	1.20	13.00	0.05	5.75	21.70		0.4

Scarlet West Property (Car & Lin Claims) - 2011 Soil Sample Locations and Analytical Results																						
Sample No.	Sampler	Sample Date	grid_type	north	east	elevation	lab_ref_number	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm
1267303	AP	28/08/2011	UTM83-8	7128144	592349	1346	WHI11001355	68.00	0.68	10.30	0.40	4.00	55.50	0.40	0.11	13.87	0.27	14.90	4.70	11.60	0.58	9.51
1267304	AP	28/08/2011	UTM83-8	7128201	592352	1314	WHI11001355	30.00	0.22	6.30	0.10	2.00	31.10	0.20	0.04	14.93	0.16	6.40	1.80	5.70	0.24	3.92
1267305	AP	28/08/2011	UTM83-8	7128255	592351	1287	WHI11001355	122.00	1.18	13.50	0.50	4.00	116.40	0.50	0.22	3.82	0.65	22.60	8.30	21.70	1.05	16.83
1267306	AP	28/08/2011	UTM83-8	7128304	592349	1271	WHI11001355	73.00	0.96	16.00	0.60	4.00	129.40	0.60	0.20	4.28	0.68	20.10	7.80	17.90	0.83	12.21
1267307	AP	28/08/2011	UTM83-8	7128346	592355	1245	WHI11001355	45.00	0.40	9.20	0.50	3.00	42.70	0.30	0.08	15.37	0.26	13.20	3.90	10.60	1.07	7.62
1267308	AP	28/08/2011	UTM83-8	7128402	592353	1236	WHI11001355	253.00	0.71	19.40	1.00	4.00	68.10	0.60	0.10	11.57	1.01	12.80	5.30	12.70	0.81	9.47
1267309	AP	28/08/2011	UTM83-8	7128458	592349	1231	WHI11001355	166.00	1.36	19.00	1.10	5.00	123.10	0.70	0.18	5.33	0.53	27.90	8.00	26.90	1.15	11.98
1267310	AP	28/08/2011	UTM83-8	7128501	592348	1202	WHI11001355	62.00	0.78	16.20	0.40	7.00	58.50	0.50	0.15	9.78	0.25	19.30	7.50	26.30	1.74	17.31
1267311	AP	28/08/2011	UTM83-8	7128546	592350	1172	WHI11001355	26.00	0.22	8.80	0.10	2.00	27.60	0.20	0.04	17.91	0.15	7.40	2.50	7.70	0.48	4.54
1267312	AP	28/08/2011	UTM83-8	7128604	592358	1165	WHI11001355	168.00	1.00	35.00	0.10	5.00	180.90	1.50	0.51	0.22	0.12	23.90	34.10	17.80	21.83	49.52
1267313	AP	28/08/2011	UTM83-8	7128648	592347	1171	WHI11001355	53.00	0.36	2.40	0.90	7.00	100.50	0.30	0.12	4.36	0.26	4.90	2.10	7.10	0.45	14.87
1267314	AP	28/08/2011	UTM83-8	7128697	592349	1159	WHI11001355	136.00	1.18	12.20	2.10	5.00	89.40	0.90	0.19	1.11	0.32	34.40	8.60	34.10	1.45	23.17
1267315	AP	28/08/2011	UTM83-8	7128748	592348	1140	WHI11001355	110.00	1.27	8.70	1.00	6.00	113.90	0.80	0.19	1.39	0.31	31.20	8.80	36.10	2.64	20.56
1267316	AP	28/08/2011	UTM83-8	7128804	592352	1150	WHI11001355	133.00	1.28	9.30	2.80	3.00	119.60	1.00	0.19	1.44	0.32	41.50	9.30	38.50	1.36	23.37
1267317	AP	28/08/2011	UTM83-8	7128851	592350	1147	WHI11001355	130.00	0.99	8.20	2.90	3.00	99.90	0.80	0.25	1.91	0.33	43.00	9.30	35.30	1.64	22.50
1267318	AP	28/08/2011	UTM83-8	7128905	592350	1148	WHI11001355	132.00	1.14	6.60	2.10	4.00	261.80	0.90	0.21	2.23	0.32	25.00	8.20	26.00	1.04	25.47
1267319	AP	28/08/2011	UTM83-8	7128950	592349	1140	WHI11001355	133.00	1.23	12.70	6.70	5.00	153.60	1.00	0.40	1.30	0.50	32.80	12.60	25.10	1.33	25.81
1267320	AP	28/08/2011	UTM83-8	7129002	592346	1120	WHI11001355															
1267321	AP	28/08/2011	UTM83-8	7129052	592349	1095	WHI11001355	127.00	1.13	6.90	7.30	4.00	164.90	0.90	0.37	1.51	0.31	30.30	9.90	32.30	1.57	32.50
1267322	AP	28/08/2011	UTM83-8	7129100	592348	1072	WHI11001355	135.00	0.94	7.80	5.20	5.00	152.70	0.80	0.27	2.49	0.34	29.30	9.50	28.90	1.40	29.61
1267323	AP	28/08/2011	UTM83-8	7129149	592347	1053	WHI11001355	113.00	1.12	7.80	4.30	5.00	178.20	0.90	0.27	1.38	0.39	33.90	10.00	26.20	1.28	25.69
1267324	AP	28/08/2011	UTM83-8	7129193	592349	1032	WHI11001355	100.00	1.15	6.10	5.60	9.00	207.10	0.80	0.35	1.76	0.39	31.20	9.40	28.50	1.85	27.40
1267325	AP	28/08/2011	UTM83-8	7129152	593104	1262	WHI11001355	82.00	1.32	4.90	3.20	3.00	102.60	1.20	0.19	1.55	0.33	53.20	10.00	43.10	2.56	29.36
1267326	AP	28/08/2011	UTM83-8	7129203	593102	1265	WHI11001355	79.00	1.77	4.00	2.80	4.00	182.40	1.00	0.16	1.47	0.22	42.70	8.10	44.50	1.48	28.95
1267327	AP	28/08/2011	UTM83-8	7129247	593101	1253	WHI11001355	210.00	1.83	10.50	7.70	3.00	66.40	1.20	0.23	0.60	0.19	62.70	21.60	43.40	4.09	46.36
1267328	AP	28/08/2011	UTM83-8	7129300	593099	1215	WHI11001355	130.00	1.44	4.00	2.10	5.00	127.70	0.90	0.16	1.02	0.28	51.00	8.50	42.50	1.78	26.82
1267329	AP	28/08/2011	UTM83-8	7129349	593103	1190	WHI11001355	97.00	2.26	4.80	3.20	5.00	181.40	1.20	0.18	1.05	0.33	52.20	9.60	56.50	4.08	35.06
1267330	AP	28/08/2011	UTM83-8	7129398	593097	1162	WHI11001355	69.00	1.92	1.70	2.30	5.00	196.50	1.30	0.17	1.03	0.17	53.30	10.20	48.50	3.80	29.73
1267331	AP	28/08/2011	UTM83-8	7129451	593100	1136	WHI11001355	70.00	1.61	2.00	3.20	5.00	550.90	0.90	0.22	1.87	0.27	48.70	10.10	38.40	2.21	27.97
1267332	AP	28/08/2011	UTM83-8	7129503	593098	1113	WHI11001355	54.00	2.07	4.20	1.70	4.00	160.40	1.20	0.32	1.52	0.30	60.40	15.00	42.30	1.41	25.33
1267333	AP	28/08/2011	UTM83-8	7129549	593098	1096	WHI11001355	104.00	1.78	3.50	2.00	5.00	331.80	1.10	0.21	1.33	0.22	34.80	11.00	36.20	2.17	29.52
1267351	GP	27/08/2011	UTM83-8	7123300	600499		WHI11001355	42.00	0.95	11.70	0.10	3.00	248.00	2.50	0.55	0.53	0.81	10.70	49.50	13.90	2.94	29.87
1267352	GP	27/08/2011	UTM83-8	7123304	600553		WHI11001355	90.00	0.77	13.80	0.80	3.00	123.70	0.50	0.15	8.78	3.52	21.00	6.60	12.90	0.41	11.22
1267353	GP	27/08/2011	UTM83-8	7123305	600598		WHI11001355	90.00	0.65	7.30	0.50	3.00	559.00	0.60	0.11	9.61	4.80	11.60	5.40	11.00	0.37	8.80
1267354	GP	27/08/2011	UTM83-8	7123297	600650		WHI11001355	140.00	0.20	7.00	0.30	2.00	37.40	0.20	0.04	13.51	22.32	6.30	5.40	3.90	0.28	6.63
1267355	GP	27/08/2011	UTM83-8	7123296	600699		WHI11001355	104.00	0.33	6.70	0.70	3.00	151.40	0.70	0.16	11.20	6.56	10.60	6.50	7.70	1.18	11.04
1267356	GP	27/08/2011	UTM83-8	7123306	600750		WHI11001355	33.00	1.51	6.00	1.10	3.00	70.90	1.30	0.41	0.09	0.24	11.90	16.50	22.60	3.44	13.46
1267357	GP	27/08/2011	UTM83-8	7123302	600800		WHI11001355	26.00	1.58	11.90	1.10	1.00	58.20	0.40	0.36	0.05	0.12	17.00	8.40	24.40	1.86	14.41
1267358	GP	27/08/2011	UTM83-8	7123299	600845		WHI11001355	84.00	1.45	8.00	3.70	3.00	119.40	0.90	0.21	8.25	1.94	21.00	8.80	22.80	0.93	10.28
1267359	GP	27/08/2011	UTM83-8	7123298	600894		WHI11001355	220.00	0.17	5.60	0.90	3.00	39.00	0.40	0.04	16.07	37.55	10.40	2.20	4.50	0.24	3.44
1267360	GP	27/08/2011	UTM83-8	7123304	600950		WHI11001355	75.00	0.64	6.70	0.80	2.00	82.60	0.50	0.09	12.95	0.44	11.60	3.50	11.30	0.46	5.06
1267361	GP	27/08/2011	UTM83-8	7123305	600999		WHI11001355	108.00	0.89	9.30	1.80	2.00	105.60	0.50	0.14	8.43	2.66	17.40	7.10	17.90	0.56	12.04
1267362	GP	27/08/2011	UTM83-8	7123308	601049		WHI11001355	162.00	0.66	5.70	0.90	5.00	90.50	0.60	0.34	0.71	0.75	15.90	8.20	11.80	0.88	16.24
1267363	GP	27/08/2011	UTM83-8	7123306	601096		WHI11001355	82.00	1.19	10.00	1.20	2.00	139.90	0.70	0.34	0.87	0.28	23.00	12.30	19.50	1.35	14.29
1267364	GP	27/08/2011	UTM83-8	7123298	601200		WHI11001355	65.00	1.33	8.70	1.00	4.00	107.20	0.80	0.40	0.62	0.22	44.70	13.50	21.90	1.73	16.33
1267365	GP	27/08/2011	UTM83-8	7123298	601252		WHI11001355	131.00	1.64	5.00	5.80	7.00	166.60	1.20	0.21	1.32	0.31	46.70	10.60	35.10	1.60	45.07
1267366	GP	27/08/2011	UTM83-8	7123294	601290		WHI11001355	110.00	1.79	5.10	4.90	6.00	136.80	1.30	0.24	1.01	0.23	47.60	10.70	39.30	1.49	41.89
1267367	GP	27/08/2011	UTM83-8	7123300	601403		WHI11001355	122.00	1.26	7.40	5.00	4.00	98.00	1.10	0.23	4.18	0.17	47.20	13.90	40.80	1.44	50.64
1267368	GP	27/08/2011	UTM83-8	7123298	601450		WHI11001355	32.00	1.84	7.90	1.30	3.00	146.70	1.00	0.32	0.61	0.17	43.90	12.00	38.80	1.79	19.36
1267369	GP	27/08/2011	UTM83-8	7123312	601493		WHI11001355	124.00	1.73	12.90	4.10	2.00	229.00	0.90	0.27	0.39	0.12	35.50	11.30	34.80	1.06	28.39
1267401	ALJ	27/08/2011	UTM83-8	7129770	596868		WHI11001354	121.00	0.82	14.80	1.30	6.00	80.70	0.90	0.32	1.84	0.44	22.50	13.30	13.60	1.73	30.73
1267402</																						

Sample No.	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppb	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppb	S_pct	Sb_ppm	Sc_ppm
1267303	1.05	1.30	0.05	0.01	17.00	0.01	0.03	9.50	4.70	7.35	401.00	0.73	0.01	0.26	11.40	0.07	9.80	5.00	1.00	4.10	0.50	0.01	0.54	0.80
1267304	0.42	0.50	0.05	0.01	13.00	0.01	0.02	4.70	1.70	7.81	449.00	0.38	0.01	0.08	4.40	0.03	4.78	5.00	1.00	1.80	0.50	0.01	0.27	0.50
1267305	2.01	3.10	0.05	0.01	53.00	0.03	0.05	12.90	8.90	1.75	886.00	1.24	0.01	0.64	19.10	0.11	17.23	5.00	1.00	6.80	1.00	0.14	0.83	1.00
1267306	1.94	2.60	0.05	0.01	51.00	0.01	0.06	8.90	7.10	1.75	568.00	2.69	0.00	0.52	16.60	0.09	19.20	5.00	1.00	8.10	0.50	0.09	0.71	1.30
1267307	0.87	1.00	0.05	0.01	34.00	0.01	0.05	7.00	3.50	7.43	260.00	1.61	0.01	0.17	14.40	0.06	11.27	5.00	1.00	3.90	2.00	0.01	0.55	1.10
1267308	3.93	1.80	0.05	0.05	207.00	0.01	0.07	6.90	4.40	4.91	797.00	1.63	0.00	0.16	14.80	0.05	123.48	5.00	1.00	5.80	0.50	0.01	1.24	1.50
1267309	3.39	3.20	0.05	0.04	84.00	0.03	0.10	13.30	10.60	3.00	897.00	1.25	0.00	0.36	19.50	0.07	73.31	5.00	1.00	10.40	0.50	0.03	0.91	2.80
1267310	1.57	2.10	0.05	0.05	74.00	0.03	0.17	8.40	7.70	4.98	370.00	0.73	0.01	0.21	19.90	0.13	25.61	5.00	1.00	10.00	2.00	0.01	0.82	2.20
1267311	0.47	0.60	0.05	0.01	21.00	0.01	0.03	4.60	2.00	8.71	227.00	0.89	0.01	0.12	9.10	0.04	6.11	5.00	1.00	2.30	0.50	0.01	0.51	0.70
1267312	3.63	2.80	0.05	0.03	48.00	0.06	0.24	9.10	11.40	0.27	916.00	1.01	0.00	0.15	37.70	0.04	87.27	5.00	2.00	24.00	0.50	0.08	0.76	5.40
1267313	0.45	0.90	0.05	0.06	91.00	0.01	0.02	2.50	1.90	0.44	92.00	0.39	0.00	0.21	9.70	0.09	10.21	5.00	1.00	1.40	0.50	0.19	0.36	0.30
1267314	2.78	3.40	0.05	0.06	134.00	0.03	0.11	18.20	16.90	0.61	284.00	0.67	0.00	0.34	23.70	0.06	28.44	5.00	1.00	9.90	1.00	0.04	0.63	4.20
1267315	2.16	3.80	0.05	0.07	67.00	0.03	0.10	15.30	20.50	0.86	371.00	0.77	0.01	0.53	21.80	0.06	21.25	5.00	1.00	14.50	0.50	0.07	0.66	3.50
1267316	2.68	4.00	0.05	0.06	72.00	0.03	0.07	20.30	20.40	0.85	358.00	0.85	0.00	0.55	22.80	0.05	21.53	5.00	1.00	9.70	0.50	0.04	0.66	5.10
1267317	2.30	3.20	0.05	0.06	64.00	0.03	0.07	20.00	17.70	1.12	308.00	0.98	0.01	0.53	23.70	0.07	16.26	5.00	1.00	9.30	0.50	0.03	0.61	5.20
1267318	2.20	3.10	0.05	0.04	94.00	0.03	0.08	10.90	13.50	0.63	509.00	0.66	0.00	0.46	17.90	0.09	23.92	5.00	1.00	7.30	0.50	0.10	0.85	2.20
1267319	3.20	3.70	0.05	0.08	126.00	0.06	0.10	14.30	18.80	0.89	558.00	0.91	0.00	0.33	27.30	0.05	39.80	5.00	1.00	7.60	0.50	0.04	1.51	4.70
1267320																								
1267321	2.46	3.70	0.05	0.11	112.00	0.04	0.09	14.00	17.90	0.67	328.00	0.62	0.00	0.36	24.30	0.07	22.49	5.00	1.00	9.30	0.50	0.08	0.88	4.30
1267322	2.49	2.70	0.05	0.07	92.00	0.03	0.09	13.10	13.20	1.17	371.00	0.97	0.00	0.28	26.30	0.07	25.59	5.00	2.00	7.70	2.00	0.05	1.09	3.80
1267323	2.47	3.40	0.05	0.08	72.00	0.04	0.10	15.60	18.30	0.87	408.00	0.53	0.00	0.39	23.70	0.06	26.18	5.00	1.00	8.30	0.50	0.05	1.05	3.70
1267324	2.17	3.40	0.05	0.08	82.00	0.04	0.11	14.90	18.30	0.82	383.00	0.42	0.00	0.35	23.90	0.07	21.32	5.00	1.00	10.40	0.50	0.08	0.85	3.40
1267325	2.70	4.40	0.05	0.13	61.00	0.04	0.11	27.60	28.50	1.75	223.00	0.54	0.00	0.23	24.50	0.07	21.90	5.00	1.00	11.60	0.50	0.03	0.26	6.60
1267326	2.14	5.90	0.05	0.13	47.00	0.03	0.08	21.40	48.80	1.96	284.00	0.30	0.00	0.35	22.30	0.08	22.58	5.00	1.00	9.00	0.50	0.08	0.25	4.00
1267327	2.65	5.50	0.05	0.16	39.00	0.04	0.11	30.10	45.30	1.94	382.00	0.94	0.00	0.22	26.20	0.04	38.03	5.00	1.00	12.20	0.50	0.03	0.46	7.80
1267328	2.39	4.70	0.05	0.13	51.00	0.04	0.10	25.20	38.80	1.46	219.00	0.43	0.00	0.29	23.40	0.06	19.21	5.00	1.00	11.30	0.50	0.06	0.32	5.40
1267329	2.68	7.40	0.05	0.17	55.00	0.04	0.13	27.50	61.70	2.89	307.00	0.47	0.00	0.31	26.30	0.08	18.32	5.00	1.00	16.00	0.50	0.04	0.33	7.70
1267330	2.41	6.30	0.05	0.18	38.00	0.03	0.13	27.50	49.80	2.07	206.00	0.23	0.00	0.27	29.60	0.08	13.51	5.00	1.00	13.50	0.50	0.03	0.22	6.50
1267331	2.27	5.10	0.05	0.16	54.00	0.04	0.09	22.00	38.50	1.52	376.00	0.39	0.00	0.36	28.10	0.08	20.03	5.00	1.00	10.80	0.50	0.08	0.23	4.70
1267332	3.24	6.20	0.05	0.15	49.00	0.05	0.09	24.80	51.10	1.52	543.00	0.27	0.00	0.33	45.90	0.05	32.59	5.00	1.00	8.50	0.50	0.04	0.26	5.90
1267333	2.44	5.50	0.05	0.15	67.00	0.03	0.11	17.10	39.60	1.20	340.00	0.24	0.00	0.51	30.20	0.07	16.72	5.00	1.00	12.60	0.50	0.06	0.29	5.00
1267351	9.51	1.60	0.05	0.10	2.50	0.09	0.10	5.10	8.00	0.19	3177.00	0.71	0.00	0.08	82.90	0.03	418.21	5.00	2.00	8.10	0.50	0.06	0.44	12.80
1267352	4.27	1.90	0.05	0.03	273.00	0.01	0.03	13.00	5.60	4.54	2078.00	1.36	0.01	0.21	13.00	0.12	343.09	5.00	1.00	3.90	0.50	0.05	0.31	1.60
1267353	4.87	1.70	0.05	0.01	128.00	0.01	0.02	6.40	4.40	4.91	4180.00	1.58	0.01	0.15	10.30	0.11	274.43	5.00	1.00	3.60	0.50	0.06	0.32	0.90
1267354	5.89	1.30	0.20	0.01	706.00	0.01	0.01	3.60	1.30	6.67	1894.00	1.98	0.01	0.04	7.10	0.07	1286.20	5.00	1.00	1.20	0.50	0.11	0.09	0.90
1267355	5.23	1.30	0.05	0.04	271.00	0.01	0.04	6.70	2.10	5.41	2582.00	1.68	0.01	0.09	12.50	0.08	272.83	5.00	1.00	4.00	0.50	0.06	0.14	1.70
1267356	4.55	4.50	0.05	0.04	11.00	0.05	0.13	5.00	20.60	0.24	750.00	1.38	0.00	0.43	18.10	0.05	46.06	5.00	1.00	15.50	0.50	0.02	0.41	3.60
1267357	3.70	6.70	0.05	0.04	2.50	0.04	0.07	8.20	14.40	0.29	446.00	1.64	0.00	1.07	15.00	0.04	22.69	5.00	1.00	11.60	0.50	0.01	0.78	2.10
1267358	3.47	3.10	0.05	0.06	48.00	0.04	0.05	10.70	15.10	4.23	2057.00	0.92	0.01	0.28	17.60	0.10	109.76	5.00	1.00	9.50	0.50	0.01	0.34	3.30
1267359	7.52	1.10	0.20	0.01	416.00	0.01	0.02	5.80	1.30	7.52	3429.00	1.31	0.01	0.06	5.70	0.11	192.93	5.00	1.00	2.70	0.50	0.15	0.14	0.60
1267360	2.71	1.70	0.05	0.01	30.00	0.01	0.03	6.60	5.20	6.78	2116.00	1.12	0.01	0.22	10.00	0.10	95.07	5.00	1.00	4.20	0.50	0.01	0.19	1.20
1267361	4.54	2.50	0.05	0.01	76.00	0.01	0.04	8.80	8.70	4.34	1607.00	1.87	0.01	0.35	18.30	0.06	94.91	5.00	1.00	5.70	0.50	0.01	0.42	1.70
1267362	3.89	1.90	0.05	0.06	170.00	0.03	0.07	6.90	5.50	0.21	810.00	0.99	0.00	0.19	17.40	0.06	60.33	5.00	1.00	7.20	0.50	0.04	0.26	2.00
1267363	3.46	3.60	0.05	0.04	46.00	0.03	0.06	8.10	15.70	0.26	613.00	0.97	0.00	0.34	19.20	0.04	39.67	5.00	1.00	11.20	0.50	0.02	0.60	2.30
1267364	3.09	4.40	0.05	0.05	29.00	0.04	0.12	14.90	26.40	0.40	443.00	0.64	0.00	0.33	20.80	0.06	30.72	5.00	1.00	13.10	0.50	0.01	0.41	2.80
1267365	2.56	5.10	0.05	0.13	59.00	0.03	0.14	26.20	45.70	1.37	376.00	0.37	0.00	0.32	26.90	0.08	13.69	5.00	1.00	11.70	0.50	0.05	0.36	5.30
1267366	2.61	5.50	0.05	0.10	51.00	0.03	0.11	29.60	44.50	1.36	403.00	0.47	0.00	0.47	26.70	0.08	14.89	5.00	1.00	12.00	0.50	0.05	0.36	6.00
1267367	2.50	3.70	0.05	0.13	54.00	0.03	0.09	23.90	32.50	1.71	320.00	0.25	0.00	0.09	32.30	0.07	14.09	5.00	1.00	6.60	0.50	0.02	0.17	5.10
1267368	2.83	5.40	0.05	0.07	21.00	0.03	0.07	18.20	35.70	0.86	508.00	0.74	0.00	0.63	24.30	0.06	21.40	5.00	1.00	11.60	0.50	0.03	0.42	5.30
1267369	2.73	4.80	0.05	0.03	52.00	0.03	0.07	17.40	22.00	0.69	481.00	0.91	0.01	0.64	28.20	0.05	16.24	5.00	1.00	8.50	0.50	0.01	0.56	4.70
1267401	3.09	2.10	0.05	0.08	113.00	0.04	0.17	9.10	9.70	0.59	488.00	1.51	0.01	0.11	29.80	0.12	46.91	5.00	1.00	7.80	0.50	0.12	0.44	3.60
1267402	3.26	3.50	0.05	0.10																				

Sample No.	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Ti_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zn_pct	Zr_ppm
1267303	0.40	0.70	40.00	0.03	0.01	0.30	0.01	0.15	1.30	28.00	0.05	9.15	58.00		0.7
1267304	0.30	1.00	48.80	0.03	0.01	0.20	0.01	0.23	1.20	15.00	0.05	6.29	20.20		0.3
1267305	0.50	1.60	26.20	0.03	0.05	0.30	0.01	0.29	1.90	48.00	0.10	11.05	114.10		0.7
1267306	0.40	1.60	32.50	0.03	0.01	0.50	0.01	0.27	2.80	43.00	0.05	7.32	108.50		0.7
1267307	0.40	3.40	69.60	0.03	0.01	0.60	0.01	0.22	2.90	26.00	0.05	7.08	30.70		0.6
1267308	0.30	2.20	47.10	0.03	0.01	0.80	0.00	1.70	1.10	22.00	0.05	9.78	416.90		1.2
1267309	0.30	1.80	34.40	0.03	0.03	1.80	0.01	1.11	1.50	38.00	0.05	11.96	249.70		1.6
1267310	0.20	3.20	63.70	0.03	0.04	2.50	0.00	0.97	4.70	26.00	0.05	9.05	81.60		2.2
1267311	0.40	1.00	76.10	0.03	0.01	0.30	0.00	0.35	2.10	16.00	0.05	6.78	32.60		0.6
1267312	0.30	7.10	14.80	0.03	0.10	4.40	0.00	0.69	1.90	16.00	0.05	13.38	147.30		1.8
1267313	0.80	3.90	76.60	0.03	0.01	0.10	0.00	0.13	6.90	4.00	0.05	3.09	21.40		1.9
1267314	0.60	1.10	35.60	0.03	0.01	2.50	0.01	0.34	2.00	31.00	0.05	12.68	124.60		2.4
1267315	1.30	3.00	44.10	0.03	0.01	1.80	0.01	0.32	6.00	31.00	0.05	10.44	94.30		2.6
1267316	0.90	1.40	54.60	0.03	0.01	2.90	0.01	0.19	2.40	36.00	0.05	15.85	97.20		2.7
1267317	1.10	1.50	62.10	0.03	0.01	3.50	0.01	0.15	2.00	29.00	0.05	14.28	88.80		3.4
1267318	2.00	1.10	75.50	0.03	0.01	0.70	0.01	0.16	8.20	26.00	0.05	9.10	80.30		1.6
1267319	0.80	1.00	40.30	0.03	0.03	3.40	0.00	0.17	1.20	26.00	0.05	14.69	147.60		3.1
1267320															
1267321	2.20	0.70	55.10	0.03	0.01	2.10	0.00	0.20	4.00	28.00	0.05	14.00	137.10		3.9
1267322	1.40	2.40	56.00	0.03	0.01	2.20	0.00	0.21	1.90	22.00	0.10	13.89	131.50		3.1
1267323	1.10	3.60	45.90	0.03	0.01	2.80	0.00	0.19	2.50	23.00	0.05	13.09	137.00		3.3
1267324	1.10	0.50	51.90	0.03	0.03	2.50	0.01	0.18	1.80	21.00	0.05	11.82	134.40		3.5
1267325	1.10	2.00	58.90	0.03	0.01	4.80	0.00	0.11	1.10	29.00	0.05	18.46	109.70		4.8
1267326	1.30	0.50	50.10	0.03	0.01	1.90	0.01	0.10	3.80	28.00	0.05	16.48	91.80		4.8
1267327	1.10	1.10	19.00	0.03	0.01	5.40	0.00	0.14	1.00	25.00	0.05	18.63	70.30		6.8
1267328	1.30	0.50	44.80	0.03	0.01	3.30	0.00	0.12	1.80	28.00	0.05	16.93	115.70		5.3
1267329	1.00	1.80	38.00	0.03	0.01	4.00	0.01	0.12	1.70	36.00	0.05	21.42	110.40		6.5
1267330	0.60	0.50	44.20	0.03	0.01	5.40	0.01	0.10	1.50	25.00	0.05	19.02	100.70		7.5
1267331	0.70	1.50	92.60	0.03	0.01	2.70	0.01	0.10	2.40	20.00	0.05	19.72	88.80		6.9
1267332	0.30	0.60	72.00	0.03	0.01	6.90	0.00	0.09	3.10	21.00	0.05	18.16	124.80		7.2
1267333	0.90	0.60	59.20	0.03	0.01	3.00	0.01	0.14	3.60	26.00	0.05	15.79	114.00		4.8
1267351	0.10	2.50	18.50	0.03	0.05	3.80	0.00	0.11	4.50	24.00	0.05	41.18	673.60		3.2
1267352	0.40	0.70	28.80	0.03	0.04	0.80	0.01	0.77	2.10	18.00	0.05	11.58	1701.20		0.8
1267353	0.50	1.40	35.10	0.03	0.01	0.30	0.01	0.80	1.90	13.00	0.05	7.12	2337.60		0.3
1267354	0.80	0.30	40.90	0.03	0.02	0.70	0.00	3.71	2.20	1.00	0.05	6.51	10000.00	1.08	0.6
1267355	0.60	1.40	45.20	0.03	0.01	1.00	0.00	0.48	2.00	5.00	0.05	8.93	3335.50		1.1
1267356	0.20	0.80	4.40	0.03	0.07	4.70	0.00	0.21	0.70	27.00	0.05	2.93	179.80		1.1
1267357	0.50	1.70	5.60	0.03	0.07	3.50	0.02	0.16	0.60	57.00	0.20	2.23	74.20		1.6
1267358	0.50	0.80	38.40	0.03	0.01	3.10	0.00	0.32	2.80	26.00	0.05	10.72	834.30		1.8
1267359	1.00	0.70	79.40	0.03	0.04	0.40	0.00	2.24	1.90	1.00	0.05	7.55	9745.80		0.5
1267360	0.40	0.50	55.60	0.03	0.03	0.90	0.01	0.38	2.30	15.00	0.05	6.59	338.30		0.5
1267361	0.60	2.00	39.20	0.03	0.04	1.80	0.01	1.23	1.30	23.00	0.10	7.15	1810.90		0.7
1267362	0.50	0.50	13.60	0.03	0.02	2.80	0.00	0.41	1.30	14.00	0.05	6.64	370.00		2
1267363	0.40	0.70	46.00	0.03	0.05	2.80	0.00	0.15	1.00	31.00	0.05	4.79	86.20		1.7
1267364	0.50	1.10	33.10	0.03	0.08	4.30	0.00	0.13	1.20	27.00	0.05	8.60	92.00		1.9
1267365	0.90	0.90	40.80	0.03	0.02	3.00	0.01	0.10	1.50	28.00	0.05	18.63	99.60		4.4
1267366	1.10	0.60	42.30	0.03	0.04	3.30	0.01	0.11	2.20	34.00	0.05	24.66	86.80		3.3
1267367	1.10	0.80	84.70	0.03	0.01	5.90	0.00	0.06	1.20	27.00	0.05	13.73	100.20		5
1267368	0.70	0.80	23.00	0.03	0.05	3.90	0.01	0.12	1.20	37.00	0.10	12.35	89.40		2.3
1267369	0.60	1.00	21.60	0.03	0.03	3.50	0.02	0.11	2.40	47.00	0.20	13.77	73.40		1.4
1267401	0.50	2.50	39.80	0.03	0.03	3.80	0.00	0.17	1.10	13.00	0.05	11.96	141.50		3.1
1267402	0.60	1.00	40.40	0.03	0.04	3.80	0.00	0.19	1.30	21.00	0.05	16.44	102.60		3.6
1267403	1.70	2.40	33.60	0.03	0.05	10.40	0.00	0.87	4.20	32.00	0.05	44.57	322.10		5.7
1267404	0.90	1.00	41.00	0.03	0.01	3.70	0.00	0.15	1.40	18.00	0.10	10.03	97.90		4.9
1267405	0.70	1.10	39.20	0.03	0.04	5.30	0.00	0.35	1.70	27.00	0.05	22.81	130.60		4.2
1267406	0.70	1.60	36.50	0.03	0.02	1.70	0.00	0.16	1.30	20.00	0.05	13.50	68.70		2.5
1267407	0.50	2.90	30.20	0.03	0.03	2.10	0.00	0.12	1.20	22.00	0.05	7.95	70.10		2.5
1267408	0.30	1.80	8.40	0.03	0.04	2.80	0.00	0.12	1.10	25.00	0.05	7.94	94.30		2

Scarlet West Property (Car & Lin Claims) - 2011 Soil Sample Locations and Analytical Results																						
Sample No.	Sampler	Sample Date	grid_type	north	east	elevation	lab_ref_number	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm
1267409	ALJ	28/08/2011	UTM83-8	7129551	595601	1364	WHI11001355	108.00	1.09	7.60	1.80	3.00	93.10	0.40	0.34	0.11	0.13	19.00	5.00	20.50	4.74	14.99
1267410	ALJ	28/08/2011	UTM83-8	7129503	595594	1369	WHI11001355	41.00	1.45	5.50	0.30	3.00	77.70	0.60	0.29	0.08	0.25	35.90	8.70	28.10	2.65	18.18
1267411	ALJ	28/08/2011	UTM83-8	7129447	595602	1369	WHI11001355	49.00	1.62	5.30	1.50	3.00	79.10	1.20	0.37	1.24	0.34	37.80	9.60	34.10	1.40	23.85
1267412	ALJ	28/08/2011	UTM83-8	7129407	595599	1372	WHI11001355	69.00	1.34	37.20	2.80	3.00	76.10	1.10	0.38	1.09	0.30	31.00	10.40	31.10	0.87	61.28
1267413	ALJ	28/08/2011	UTM83-8	7129349	595597	1382	WHI11001355	159.00	0.92	15.00	6.50	5.00	57.70	0.90	0.23	2.57	0.84	35.40	10.00	23.70	1.43	37.05
1267414	ALJ	28/08/2011	UTM83-8	7129303	595599	1395	WHI11001355	116.00	1.47	9.90	7.00	5.00	100.20	1.10	0.23	1.24	0.29	42.10	10.30	35.30	2.94	39.31
1267415	ALJ	28/08/2011	UTM83-8	7129206	595598	1435	WHI11001355	469.00	0.46	11.90	3.60	3.00	40.50	0.80	0.20	1.79	0.31	29.00	8.60	11.20	0.67	19.24
1267416	ALJ	28/08/2011	UTM83-8	7129150	595603	1447	WHI11001355	90.00	1.26	14.30	1.30	3.00	56.40	0.70	0.44	0.08	0.14	16.70	14.80	22.20	10.43	22.24
1267417	ALJ	28/08/2011	UTM83-8	7129103	595598	1438	WHI11001355	83.00	0.41	18.20	0.50	3.00	52.00	0.90	0.44	0.12	0.10	25.50	17.20	15.70	3.91	45.80
1267418	ALJ	28/08/2011	UTM83-8	7129050	595597	1445	WHI11001355	146.00	0.63	14.70	0.50	6.00	63.60	0.60	0.29	5.26	0.35	7.40	4.60	8.40	2.09	20.50
1267419	ALJ	28/08/2011	UTM83-8	7129001	595599	1449	WHI11001355	278.00	1.07	66.20	2.00	2.00	110.60	0.90	0.18	7.95	1.71	19.30	8.20	16.60	0.62	13.52
1267420	ALJ	28/08/2011	UTM83-8	7128955	595599	1448	WHI11001355	64.00	0.12	12.20	0.10	1.00	28.90	0.20	0.03	15.25	0.39	5.70	2.50	3.90	0.11	1.99
1267421	ALJ	28/08/2011	UTM83-8	7128902	595600	1437	WHI11001355	134.00	1.44	9.70	0.60	2.00	126.30	0.80	0.26	1.50	1.51	12.50	5.60	20.80	1.07	13.09
1267422	ALJ	28/08/2011	UTM83-8	7128855	595601	1440	WHI11001355	76.00	0.31	13.70	0.70	7.00	111.90	0.60	0.32	4.34	1.05	6.00	4.30	7.10	6.06	13.34
1267423	ALJ	28/08/2011	UTM83-8	7128802	595599	1444	WHI11001355	441.00	0.20	15.10	0.30	3.00	24.20	0.30	0.07	16.74	8.08	9.80	3.00	5.20	0.83	6.12
1267424	ALJ	28/08/2011	UTM83-8	7128750	595596	1437	WHI11001355	53.00	1.14	4.90	1.20	2.00	138.00	1.10	0.35	0.17	0.28	14.90	13.40	19.00	4.04	34.22
1267425	ALJ	28/08/2011	UTM83-8	7128699	595596	1430	WHI11001355	95.00	1.33	7.00	1.40	2.00	118.00	1.00	0.31	0.49	0.41	20.20	11.10	23.10	1.62	23.38
1267426	ALJ	28/08/2011	UTM83-8	7128654	595594	1441	WHI11001355	81.00	0.68	10.30	0.90	3.00	90.60	0.70	0.16	6.89	0.31	18.60	8.40	14.40	0.90	18.25
1267427	ALJ	28/08/2011	UTM83-8	7128605	595600	1446	WHI11001355	49.00	1.44	6.70	1.00	1.00	130.80	1.20	0.31	0.20	0.15	21.50	13.60	23.90	1.76	23.57
1267428	ALJ	28/08/2011	UTM83-8	7128554	595597	1428	WHI11001355	84.00	0.90	7.80	1.60	2.00	143.70	0.70	0.21	3.40	0.19	22.80	10.90	19.20	1.53	29.76
1267429	ALJ	28/08/2011	UTM83-8	7128507	595595	1428	WHI11001355	41.00	1.56	5.40	1.10	1.00	167.40	1.70	0.32	0.07	0.11	12.90	19.10	25.20	2.96	31.21
1267430	ALJ	28/08/2011	UTM83-8	7128450	595602	1416	WHI11001355	44.00	1.67	8.10	1.00	1.00	91.50	1.00	0.36	0.07	0.13	16.60	16.80	27.80	2.92	25.63
1267431	ALJ	28/08/2011	UTM83-8	7128606	592854	1352	WHI11001355	69.00	0.37	15.70	0.70	3.00	70.80	0.40	0.24	9.15	0.11	10.30	8.30	9.60	1.43	17.36
1267432	ALJ	28/08/2011	UTM83-8	7128649	592845	1324	WHI11001355	58.00	0.49	8.00	1.50	5.00	80.70	0.80	0.25	8.91	0.15	9.10	7.60	14.20	1.70	21.25
1267433	ALJ	28/08/2011	UTM83-8	7128700	592849	1291	WHI11001355	59.00	0.64	8.20	0.60	4.00	71.70	0.80	0.25	8.47	0.13	9.20	8.30	12.70	1.18	20.30
1267434	ALJ	28/08/2011	UTM83-8	7128748	592849	1266	WHI11001355	95.00	0.35	10.40	0.70	3.00	55.70	0.40	0.07	15.83	0.39	9.00	5.00	7.70	0.65	7.74
1267435	ALJ	28/08/2011	UTM83-8	7128805	592852	1238	WHI11001355	143.00	0.59	7.00	0.30	2.00	71.10	0.30	0.07	14.25	0.64	9.40	3.50	9.70	0.48	5.31
1267436	ALJ	28/08/2011	UTM83-8	7128892	592848	1246	WHI11001355	140.00	1.40	9.70	3.00	5.00	96.70	1.10	0.19	1.24	0.36	42.70	9.80	33.40	3.06	24.25
1267437	ALJ	28/08/2011	UTM83-8	7128998	592852	1207	WHI11001355	149.00	1.13	10.50	3.70	5.00	85.20	1.30	0.19	1.58	0.32	40.70	10.40	41.10	1.77	27.82
1267438	ALJ	28/08/2011	UTM83-8	7129202	592852	1140	WHI11001355	80.00	1.56	6.00	1.80	7.00	304.70	1.00	0.23	2.31	0.30	33.00	10.00	28.50	1.12	31.96
1267439	ALJ	28/08/2011	UTM83-8	7129247	592845	1114	WHI11001355	126.00	1.18	7.00	3.60	5.00	172.00	0.80	0.27	6.33	0.27	30.80	10.20	24.60	2.66	43.37
1267778	FT	27/08/2011	UTM83-8	7122904	600102	1389	WHI11001353	24.00	1.61	12.50	3.50	2.00	132.10	1.70	0.43	0.05	0.11	13.50	22.80	35.50	5.83	11.16
1267779	FT	27/08/2011	UTM83-8	7122903	600049	1379	WHI11001353	23.00	1.56	9.60	1.40	2.00	76.80	1.00	0.43	0.02	0.11	6.10	19.30	31.30	3.22	24.64
1267780	FT	27/08/2011	UTM83-8	7122901	600002	1371	WHI11001353	22.00	1.76	11.00	2.20	2.00	88.00	0.80	0.44	0.02	0.08	11.90	19.40	31.20	3.04	24.69
1267781	FT	27/08/2011	UTM83-8	7122900	599950	1365	WHI11001353	18.00	1.69	10.20	1.90	2.00	90.60	0.80	0.42	0.02	0.15	13.50	16.60	31.00	2.47	23.09
1267782	FT	27/08/2011	UTM83-8	7122899	599899	1362	WHI11001353	19.00	1.64	11.20	1.80	1.00	84.50	0.60	0.39	0.03	0.15	15.80	13.70	30.50	2.36	19.35
1267783	FT	27/08/2011	UTM83-8	7122905	599850	1360	WHI11001353	18.00	2.06	11.30	2.50	2.00	150.40	1.90	0.35	0.03	0.27	24.00	18.60	32.80	2.42	26.42
1267784	FT	27/08/2011	UTM83-8	7122899	599799	1356	WHI11001353	5.00	1.60	12.10	0.60	2.00	125.00	1.40	0.35	0.03	0.12	15.00	14.30	29.30	2.93	21.10
1267785	FT	27/08/2011	UTM83-8	7122900	599748	1348	WHI11001353	10.00	1.72	13.00	1.30	2.00	63.00	1.00	0.41	0.02	0.10	9.10	19.50	34.80	3.18	18.96
1267786	FT	27/08/2011	UTM83-8	7122901	599699	1336	WHI11001353	7.00	0.97	9.70	1.30	0.50	86.20	0.60	0.32	0.02	0.07	22.00	9.40	17.50	2.24	9.36
1267787	FT	27/08/2011	UTM83-8	7122903	599646	1317	WHI11001353	7.00	1.70	27.50	0.60	2.00	92.10	1.40	0.51	0.02	0.14	14.30	24.40	32.10	4.98	107.01
1267788	FT	27/08/2011	UTM83-8	7122896	600152	1392	WHI11001354	49.00	1.99	15.80	0.10	0.50	58.30	1.00	0.45	0.04	0.13	17.50	20.40	39.30	3.22	27.45
1267789	FT	27/08/2011	UTM83-8	7122901	600203	1380	WHI11001354	21.00	1.35	7.20	0.10	0.50	80.30	0.60	0.37	0.04	0.09	12.70	13.50	25.20	1.94	14.18
1267790	FT	27/08/2011	UTM83-8	7122901	600250	1367	WHI11001355	46.00	1.27	6.90	3.10	2.00	135.00	0.90	0.45	0.03	0.32	13.70	14.70	26.10	1.69	35.35
1267791	FT	27/08/2011	UTM83-8	7122900	600300	1352	WHI11001355	59.00	1.25	6.40	0.90	3.00	93.30	0.70	0.43	0.03	0.27	8.90	22.50	24.50	3.07	37.23
1267792	FT	27/08/2011	UTM83-8	7122899	600350	1340	WHI11001355	157.00	0.96	9.20	2.10	3.00	319.50	0.40	0.18	5.58	7.69	16.00	5.60	16.20	0.79	15.44
1267793	FT	27/08/2011	UTM83-8	7122899	600400	1347	WHI11001355	49.00	0.31	4.50	0.70	2.00	101.00	0.20	0.06	16.37	1.76	10.00	2.50	6.50	0.29	2.94
1267794	FT	27/08/2011	UTM83-8	7122904	600446	1355	WHI11001355	90.00	1.88	9.60	3.40	1.00	1031.90	0.90	0.24	2.57	8.74	28.90	8.60	24.80	0.90	8.92
1267795	FT	27/08/2011	UTM83-8	7122898	600497	1339	WHI11001355	43.00	1.84	10.60	0.90	2.00	196.10	1.10	0.28	0.33	1.24	16.70	6.60	28.10	1.29	10.11
1267796	FT	27/08/2011	UTM83-8	7122900	600542	1324	WHI11001355	43.00	1.89	9.30	0.30	2.00	166.60	1.10	0.23	0.21	0.77	32.30	9.10	25.10	1.38	9.83
1267797	FT	27/08/2011	UTM83-8	7122905	6006																	

Sample No.	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppb	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppb	S_pct	Sb_ppm	Sc_ppm
1267409	3.12	5.80	0.05	0.01	66.00	0.02	0.12	9.00	5.40	0.16	268.00	1.31	0.00	0.36	11.70	0.26	16.34	5.00	1.00	17.80	0.50	0.04	0.56	0.90
1267410	3.43	6.80	0.05	0.01	24.00	0.03	0.14	16.70	30.50	0.49	456.00	0.76	0.00	0.48	19.80	0.04	23.23	5.00	1.00	14.30	0.50	0.02	0.51	1.90
1267411	2.82	5.20	0.05	0.05	34.00	0.04	0.07	20.10	31.80	0.77	394.00	0.49	0.01	0.40	28.10	0.08	37.83	5.00	1.00	9.60	0.50	0.07	0.43	4.30
1267412	2.70	4.00	0.05	0.12	19.00	0.05	0.06	18.00	28.30	1.17	269.00	0.42	0.00	0.16	29.30	0.07	47.07	5.00	1.00	4.70	0.50	0.03	0.50	4.80
1267413	2.63	3.30	0.05	0.12	51.00	0.04	0.14	17.10	21.50	1.48	359.00	0.94	0.00	0.18	25.90	0.07	88.64	5.00	1.00	8.60	0.50	0.05	0.82	4.40
1267414	2.49	4.90	0.05	0.15	17.00	0.03	0.10	23.50	40.00	1.74	262.00	0.54	0.00	0.25	27.60	0.07	17.20	5.00	1.00	10.50	0.50	0.05	0.46	5.20
1267415	2.09	1.20	0.05	0.13	78.00	0.02	0.09	13.60	7.30	0.82	296.00	2.27	0.00	0.13	19.20	0.06	27.01	5.00	1.00	4.50	0.50	0.05	0.66	2.90
1267416	4.88	4.60	0.05	0.01	59.00	0.04	0.11	5.80	10.80	0.24	1105.00	1.12	0.00	0.46	18.00	0.11	39.42	5.00	1.00	13.50	0.50	0.05	0.60	2.30
1267417	3.82	1.60	0.05	0.01	2.50	0.04	0.12	7.40	3.00	0.10	791.00	0.44	0.00	0.02	32.40	0.10	22.17	5.00	1.00	8.30	1.00	0.01	0.51	4.80
1267418	4.34	1.50	0.05	0.05	122.00	0.02	0.17	3.50	2.40	2.65	1578.00	0.63	0.00	0.08	10.40	0.08	85.65	5.00	1.00	9.10	0.50	0.18	0.63	2.30
1267419	5.29	2.60	0.05	0.05	4722.00	0.02	0.04	11.80	6.20	4.11	4183.00	2.99	0.00	0.16	20.70	0.17	275.04	5.00	1.00	5.50	0.50	0.04	6.19	2.00
1267420	5.56	0.30	0.05	0.01	4457.00	0.01	0.01	3.90	0.80	7.58	2030.00	1.12	0.01	0.02	3.40	0.07	190.21	5.00	1.00	1.00	0.50	0.01	0.78	0.60
1267421	2.53	4.30	0.05	0.05	896.00	0.03	0.05	7.50	9.30	0.48	653.00	1.48	0.00	0.67	15.10	0.19	99.37	5.00	1.00	9.50	0.50	0.14	0.63	1.60
1267422	2.32	1.60	0.05	0.03	1783.00	0.03	0.27	2.80	2.40	2.31	459.00	1.35	0.01	0.04	8.10	0.03	91.49	5.00	1.00	13.90	0.50	0.35	0.47	2.70
1267423	1.88	0.70	0.05	0.02	6487.00	0.01	0.03	5.60	1.40	8.48	1499.00	1.86	0.01	0.03	6.10	0.13	605.19	5.00	1.00	2.90	1.00	0.01	1.09	0.70
1267424	3.51	3.80	0.05	0.01	362.00	0.04	0.15	6.20	15.30	0.22	782.00	0.64	0.00	0.25	24.70	0.04	32.95	5.00	1.00	18.00	0.50	0.03	0.46	4.00
1267425	2.67	4.50	0.05	0.07	360.00	0.03	0.09	9.50	21.70	0.44	882.00	0.70	0.00	0.42	23.30	0.10	70.99	5.00	1.00	10.90	0.50	0.04	0.37	2.90
1267426	1.93	2.20	0.05	0.05	69.00	0.01	0.07	8.10	10.70	3.49	632.00	1.68	0.01	0.32	17.80	0.10	31.47	5.00	1.00	5.50	0.50	0.03	0.44	2.10
1267427	3.19	4.50	0.05	0.02	41.00	0.03	0.09	8.00	24.10	0.41	1144.00	0.74	0.00	0.41	22.10	0.07	35.12	5.00	1.00	11.00	0.50	0.03	0.39	2.30
1267428	2.38	3.10	0.05	0.07	15.00	0.03	0.10	10.30	16.80	2.12	782.00	1.09	0.01	0.36	22.40	0.07	16.07	5.00	1.00	7.40	0.50	0.01	0.50	3.20
1267429	3.57	5.50	0.05	0.03	17.00	0.04	0.11	4.20	26.40	0.34	1581.00	0.57	0.00	0.43	22.20	0.05	21.51	5.00	1.00	13.00	0.50	0.03	0.26	3.30
1267430	3.56	6.40	0.05	0.03	21.00	0.03	0.10	6.60	32.00	0.39	1214.00	0.99	0.00	0.63	22.50	0.03	19.06	5.00	1.00	13.20	0.50	0.01	0.43	2.80
1267431	1.52	1.40	0.05	0.01	73.00	0.02	0.10	5.70	2.50	5.42	484.00	1.04	0.01	0.07	18.10	0.04	17.44	5.00	1.00	5.50	0.50	0.10	0.49	2.00
1267432	2.05	1.90	0.05	0.03	29.00	0.01	0.17	4.90	2.40	5.10	539.00	1.10	0.01	0.09	18.20	0.03	29.22	5.00	1.00	8.50	0.50	0.12	0.30	2.60
1267433	2.03	1.90	0.05	0.03	24.00	0.03	0.14	5.70	2.20	4.85	487.00	0.96	0.01	0.11	16.70	0.04	21.24	5.00	1.00	7.40	0.50	0.08	0.34	2.30
1267434	1.59	1.10	0.05	0.01	115.00	0.01	0.04	5.50	2.70	8.90	963.00	2.15	0.01	0.10	11.30	0.10	30.12	5.00	1.00	3.60	0.50	0.01	0.60	1.00
1267435	1.94	1.40	0.05	0.01	75.00	0.01	0.02	4.80	3.60	8.06	1653.00	0.76	0.01	0.14	7.10	0.12	44.74	5.00	1.00	4.50	0.50	0.02	0.66	0.70
1267436	2.79	4.50	0.05	0.09	100.00	0.03	0.11	21.60	31.00	0.87	311.00	0.78	0.00	0.57	22.40	0.06	22.59	5.00	1.00	17.10	0.50	0.06	0.66	4.40
1267437	2.69	3.80	0.05	0.10	297.00	0.03	0.10	21.10	21.00	0.61	343.00	0.79	0.00	0.45	27.50	0.07	21.21	5.00	1.00	12.20	0.50	0.08	0.57	5.00
1267438	2.52	4.40	0.05	0.08	146.00	0.03	0.15	15.80	24.70	1.23	381.00	0.65	0.00	0.40	23.20	0.06	26.00	5.00	1.00	10.80	0.50	0.07	0.71	3.30
1267439	2.39	3.10	0.05	0.11	60.00	0.02	0.13	14.90	20.30	3.17	358.00	0.99	0.01	0.26	22.30	0.06	26.22	5.00	1.00	9.20	0.50	0.02	0.80	4.00
1267778	5.10	6.30	0.05	0.01	22.00	0.05	0.10	4.70	25.40	0.38	1274.00	1.22	0.00	0.62	22.70	0.05	32.31	5.00	1.00	14.80	0.50	0.01	0.72	3.50
1267779	4.21	5.20	0.05	0.04	29.00	0.05	0.10	2.20	25.70	0.39	776.00	0.69	0.00	0.46	24.30	0.02	26.62	5.00	1.00	13.90	1.00	0.01	0.42	3.30
1267780	4.39	6.30	0.05	0.03	18.00	0.05	0.10	4.90	22.60	0.38	964.00	1.00	0.00	0.57	21.90	0.03	56.00	5.00	1.00	15.40	0.50	0.01	0.46	3.10
1267781	4.02	5.90	0.05	0.02	34.00	0.04	0.09	5.40	25.50	0.41	1152.00	0.96	0.00	0.59	23.20	0.03	36.10	5.00	1.00	14.70	0.50	0.01	0.47	2.90
1267782	3.81	6.80	0.05	0.01	16.00	0.04	0.07	6.80	17.90	0.34	1167.00	1.36	0.00	0.48	18.80	0.05	31.41	5.00	1.00	12.60	0.50	0.03	0.63	1.40
1267783	4.95	5.20	0.05	0.05	35.00	0.06	0.13	6.40	32.70	0.42	1862.00	1.01	0.00	0.32	37.90	0.05	89.96	5.00	1.00	16.20	0.50	0.01	0.47	4.50
1267784	3.63	5.80	0.05	0.01	11.00	0.04	0.08	6.20	23.40	0.34	1230.00	1.25	0.00	0.48	20.70	0.03	25.34	5.00	1.00	14.80	0.50	0.01	0.56	3.10
1267785	4.51	5.30	0.05	0.07	29.00	0.06	0.09	3.30	31.10	0.38	1309.00	0.94	0.00	0.58	24.80	0.03	35.17	5.00	1.00	14.00	0.50	0.01	0.44	3.00
1267786	2.32	6.00	0.05	0.01	8.00	0.02	0.06	10.80	5.80	0.11	847.00	1.32	0.00	0.71	7.80	0.02	14.40	5.00	1.00	12.00	0.50	0.01	0.57	1.80
1267787	4.51	5.20	0.05	0.04	23.00	0.07	0.09	3.90	26.10	0.44	4046.00	1.40	0.00	0.43	25.90	0.05	41.40	5.00	1.00	12.50	0.50	0.01	0.58	3.80
1267788	5.05	8.30	0.05	0.04	36.00	0.06	0.10	6.80	27.90	0.38	2066.00	1.32	0.00	0.66	23.40	0.05	72.60	5.00	1.00	13.10	0.50	0.03	0.59	3.10
1267789	3.43	7.10	0.05	0.01	22.00	0.03	0.12	5.90	9.20	0.17	1155.00	1.27	0.00	0.65	14.60	0.05	24.45	5.00	1.00	20.30	1.00	0.01	0.66	1.50
1267790	3.19	5.30	0.05	0.01	36.00	0.05	0.11	5.90	6.50	0.15	3716.00	1.16	0.00	0.43	15.30	0.06	22.97	5.00	1.00	16.10	0.50	0.04	0.68	1.10
1267791	3.88	4.60	0.05	0.01	29.00	0.04	0.13	3.80	11.80	0.18	2004.00	1.05	0.00	0.62	15.30	0.05	30.32	5.00	1.00	16.00	0.50	0.04	0.48	2.80
1267792	3.24	2.90	0.05	0.03	933.00	0.03	0.03	7.90	8.60	3.20	865.00	1.27	0.01	0.39	17.40	0.11	7451.40	5.00	1.00	5.80	0.50	0.05	0.48	1.70
1267793	1.08	0.80	0.05	0.02	41.00	0.01	0.02	4.90	2.90	8.52	1917.00	0.57	0.01	0.13	5.00	0.07	243.18	5.00	1.00	3.90	0.50	0.01	0.17	1.00
1267794	4.61	4.10	0.05	0.03	261.00	0.03	0.03	14.10	9.70	1.69	4215.00	1.43	0.00	0.53	17.40	0.07	1013.23	5.00	1.00	5.70	0.50	0.05	0.54	3.30
1267795	5.43	5.10	0.05	0.01	37.00	0.04	0.04	7.50	13.80	0.38	1778.00	1.68	0.00	0.59	17.50	0.10	156.30	5.00	1.00	8.80	0.50	0.04	0.44	1.90
1267796	5.06	4.60	0.05	0.04	63.00	0.03	0.04	15.60	9.80	0.27	5634.00	1.08	0.00	0.36	17.50	0.10	177.81	5.00	1.00	9.80	0.50	0.03	0.36	3.20
1267797	4.34	4.00	0.05	0.03	105.00	0.03	0.04	12.40	10.50	1.35	3005.00	1.10	0.00	0.38										

Sample No.	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Ti_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zn_pct	Zr_ppm
1267409	0.40	1.80	9.30	0.03	0.04	0.40	0.01	0.14	0.70	41.00	0.05	3.05	77.80		0.1
1267410	0.20	1.90	6.80	0.03	0.03	3.70	0.01	0.13	0.60	30.00	0.05	3.48	133.00		0.5
1267411	0.20	0.60	39.90	0.03	0.02	2.10	0.01	0.11	3.60	23.00	0.05	17.02	123.40		1.8
1267412	0.30	1.30	21.30	0.03	0.02	3.00	0.00	0.08	1.60	18.00	0.05	19.25	144.80		3.8
1267413	0.60	1.30	61.40	0.03	0.02	4.10	0.00	0.31	1.90	20.00	0.05	12.76	246.20		5.1
1267414	0.80	0.60	33.80	0.03	0.01	3.60	0.00	0.17	2.20	28.00	0.05	15.63	104.60		5.1
1267415	0.70	1.00	70.50	0.03	0.01	2.20	0.00	0.25	2.10	16.00	0.05	12.04	89.20		4.9
1267416	0.30	5.50	8.40	0.03	0.07	1.90	0.01	0.23	0.70	33.00	0.05	3.79	118.90		0.4
1267417	0.10	1.40	16.00	0.03	0.14	4.10	0.00	0.19	1.40	17.00	0.05	13.33	86.00		0.2
1267418	0.30	1.00	29.70	0.03	0.04	2.00	0.00	1.57	1.70	11.00	0.05	6.91	231.50		2.2
1267419	0.50	0.50	37.90	0.03	0.03	1.10	0.00	2.08	3.20	21.00	0.05	14.35	669.80		1.3
1267420	0.30	0.70	39.40	0.03	0.01	0.20	0.00	1.65	2.10	5.00	0.05	4.04	536.60		0.3
1267421	0.30	0.50	14.90	0.03	0.03	0.90	0.01	0.23	1.60	34.00	0.05	6.48	446.70		1.3
1267422	0.10	1.60	38.10	0.03	0.03	2.40	0.00	0.46	0.70	9.00	0.05	3.79	341.00		1
1267423	0.50	1.00	114.40	0.03	0.02	0.30	0.00	0.74	2.60	5.00	0.05	6.19	2272.60		0.4
1267424	0.05	0.80	12.10	0.03	0.03	2.80	0.00	0.16	0.80	23.00	0.05	8.11	144.60		0.5
1267425	0.20	0.70	11.50	0.03	0.03	2.20	0.00	0.14	1.40	24.00	0.05	11.59	155.20		2.1
1267426	0.20	0.90	34.60	0.03	0.01	1.40	0.01	0.15	2.50	24.00	0.05	8.57	97.50		2.2
1267427	0.10	0.70	8.70	0.03	0.04	1.80	0.01	0.12	0.90	28.00	0.10	7.97	83.30		0.8
1267428	0.20	0.50	27.30	0.03	0.01	4.00	0.02	0.10	0.80	28.00	0.10	9.32	66.00		3.2
1267429	0.20	1.60	6.00	0.03	0.02	3.00	0.00	0.10	0.80	24.00	0.10	5.35	80.00		1.1
1267430	0.20	1.00	6.30	0.03	0.03	3.60	0.01	0.12	0.70	35.00	0.10	4.35	72.60		1.4
1267431	0.30	0.70	82.00	0.03	0.01	1.10	0.00	0.61	1.10	22.00	0.05	7.70	33.30		0.9
1267432	0.30	4.60	60.10	0.03	0.01	2.10	0.00	0.36	1.10	20.00	0.05	7.29	77.70		1.2
1267433	0.30	1.40	52.20	0.03	0.01	1.40	0.00	0.30	1.00	22.00	0.05	9.48	78.20		1.5
1267434	0.50	1.40	84.20	0.03	0.01	0.30	0.00	1.17	1.80	20.00	0.05	6.47	110.40		0.3
1267435	0.50	0.90	36.90	0.03	0.02	0.20	0.01	1.91	1.40	17.00	0.05	4.75	331.60		0.2
1267436	1.10	1.00	43.70	0.03	0.03	2.30	0.01	0.45	2.60	36.00	0.10	15.26	97.30		3.4
1267437	1.50	1.60	68.50	0.03	0.02	2.40	0.00	0.34	5.20	38.00	0.05	15.54	119.10		3.6
1267438	0.70	1.60	68.10	0.03	0.01	1.90	0.00	0.16	1.30	24.00	0.05	12.54	98.70		3.8
1267439	1.30	0.80	135.40	0.03	0.01	4.00	0.01	0.14	1.00	21.00	0.05	12.35	99.10		5
1267778	0.40	1.90	5.10	0.03	0.09	4.30	0.01	0.12	1.00	40.00	0.20	4.63	88.30		0.6
1267779	0.20	1.50	3.70	0.03	0.03	5.70	0.01	0.14	1.00	31.00	0.20	5.17	86.70		1.6
1267780	0.30	2.40	4.60	0.03	0.04	4.20	0.01	0.19	0.80	37.00	0.10	4.36	104.80		1.5
1267781	0.20	1.10	4.50	0.03	0.05	3.80	0.01	0.16	0.80	36.00	0.10	4.60	100.30		1.2
1267782	0.40	1.20	5.40	0.03	0.05	0.70	0.01	0.15	0.70	45.00	0.20	3.84	81.20		0.2
1267783	0.20	0.80	5.10	0.03	0.07	5.70	0.00	0.28	1.10	34.00	0.10	6.57	238.80		1.8
1267784	0.30	0.90	5.30	0.03	0.06	3.20	0.01	0.16	0.90	43.00	0.20	4.99	76.00		0.8
1267785	0.40	1.20	3.80	0.03	0.05	5.40	0.01	0.13	0.80	31.00	0.20	4.37	78.30		2
1267786	0.20	1.00	4.40	0.03	0.01	2.20	0.01	0.13	0.60	46.00	0.20	2.95	35.70		0.2
1267787	0.30	1.30	5.00	0.03	0.06	6.10	0.01	0.10	1.30	33.00	0.20	4.55	85.20		1.6
1267788	0.60	5.30	6.10	0.03	0.04	5.00	0.01	0.10	1.00	44.00	0.10	4.59	87.70		1.3
1267789	0.30	1.00	5.10	0.03	0.06	2.20	0.01	0.11	0.80	52.00	0.10	3.13	63.30		0.4
1267790	0.30	1.30	4.60	0.03	0.06	0.30	0.01	0.11	0.70	42.00	0.10	3.17	73.60		0.05
1267791	0.30	2.70	3.80	0.03	0.08	1.60	0.01	0.12	0.70	32.00	0.10	2.64	74.00		0.3
1267792	0.50	0.50	26.10	0.03	0.02	1.30	0.01	1.34	1.00	23.00	0.10	7.31	7783.10		0.8
1267793	0.30	1.10	41.40	0.03	0.01	0.80	0.01	0.23	1.80	8.00	0.05	4.76	793.40		0.7
1267794	0.40	0.90	13.00	0.03	0.04	1.80	0.01	0.99	1.30	33.00	0.10	10.95	2849.30		0.9
1267795	0.20	1.20	6.80	0.03	0.03	1.40	0.01	0.94	1.10	42.00	0.20	4.43	2882.60		0.6
1267796	0.20	0.80	5.80	0.03	0.03	2.80	0.01	0.66	1.60	37.00	0.10	13.47	851.00		1.4
1267797	0.50	1.20	14.50	0.03	0.04	0.80	0.01	0.31	1.80	43.00	0.05	13.57	607.20		0.9
1267798	0.20	3.90	8.50	0.03	0.06	2.20	0.01	0.32	1.10	39.00	0.10	8.34	734.10		0.8
1267799	0.40	0.90	27.90	0.03	0.04	2.00	0.01	0.73	1.70	19.00	0.05	10.00	1901.30		1.1
1267800	0.20	0.80	12.50	0.03	0.04	3.00	0.00	0.22	0.90	16.00	0.05	5.53	250.30		1.2
1267921	0.10	0.70	17.20	0.03	0.04	5.40	0.01	0.09	1.10	25.00	0.05	11.90	86.40		3.4
1267922	0.30	0.60	29.60	0.03	0.02	3.50	0.01	0.09	1.40	20.00	0.05	16.59	85.90		3.3
1267923	0.20	0.80	15.70	0.03	0.03	4.20	0.01	0.09	1.10	22.00	0.05	15.10	87.00		3.5
1267924	0.50	1.00	18.50	0.03	0.02	4.80	0.00	0.09	1.30	31.00	0.05	19.23	102.00		5.8

Scarlet West Property (Car & Lin Claims) - 2011 Soil Sample Locations and Analytical Results																						
Sample No.	Sampler	Sample Date	grid_type	north	east	elevation	lab_ref_number	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm
1267925	PM	27/08/2011	UTM83-8	7129197	596851	1647	WHI11001354	52.00	1.86	4.40	11.70	4.00	52.60	0.90	0.14	0.40	0.22	53.50	8.90	43.50	1.36	31.92
1267926	PM	27/08/2011	UTM83-8	7129152	596850	1624	WHI11001354	64.00	2.02	2.30	6.80	5.00	86.50	1.30	0.16	1.31	0.12	56.20	10.70	50.30	1.74	35.72
1267927	PM	27/08/2011	UTM83-8	7129103	596848	1609	WHI11001354	48.00	1.95	2.80	5.40	4.00	64.90	1.20	0.12	2.19	0.19	53.60	9.70	48.20	1.12	32.99
1267928	PM	27/08/2011	UTM83-8	7129050	596848	1582	WHI11001354	64.00	1.77	4.30	7.30	5.00	80.60	1.20	0.15	0.66	0.21	58.10	11.00	48.30	1.31	35.45
1267929	PM	27/08/2011	UTM83-8	7128999	596853	1571	WHI11001354	350.00	0.99	12.50	6.50	4.00	66.80	0.80	0.17	0.71	0.27	34.70	6.90	20.00	0.81	22.05
1267930	PM	27/08/2011	UTM83-8	7128954	596847	1564	WHI11001354	260.00	0.48	6.10	2.40	2.00	71.00	0.50	0.11	1.25	0.44	30.60	4.60	10.30	0.41	10.51
1267931	PM	27/08/2011	UTM83-8	7128853	596848	1507	WHI11001354	75.00	1.68	8.30	2.70	2.00	112.50	1.00	0.21	0.26	0.22	63.80	8.60	31.70	1.19	16.57
1267932	PM	27/08/2011	UTM83-8	7128801	596847	1487	WHI11001354	147.00	1.58	7.50	1.70	2.00	141.10	0.80	0.23	0.18	0.15	34.20	7.10	26.90	1.65	14.06
1267933	PM	27/08/2011	UTM83-8	7128751	596853	1463	WHI11001354	67.00	1.73	9.10	1.50	3.00	153.10	1.00	0.25	0.21	0.14	44.10	9.10	26.10	1.25	11.98
1267934	PM	27/08/2011	UTM83-8	7128700	596855	1434	WHI11001354	81.00	1.16	8.80	1.30	4.00	101.70	0.70	0.23	0.37	0.51	25.30	7.90	20.80	0.96	12.26
1267935	PM	27/08/2011	UTM83-8	7128645	596848	1416	WHI11001354	188.00	1.63	12.20	1.30	5.00	129.60	1.30	0.28	1.53	1.22	52.70	12.50	27.40	1.89	20.61
1267936	PM	27/08/2011	UTM83-8	7128598	596852	1404	WHI11001354	114.00	0.98	6.00	1.90	3.00	119.00	0.70	0.27	0.43	0.29	14.60	7.50	15.60	1.46	18.42
1267937	PM	27/08/2011	UTM83-8	7128548	596846	1401	WHI11001354	107.00	1.11	11.50	0.90	3.00	84.00	0.80	0.23	2.30	0.60	24.60	8.70	20.10	0.76	13.32
1267938	PM	27/08/2011	UTM83-8	7128499	596851	1401	WHI11001354	103.00	0.98	5.40	1.00	3.00	63.80	0.60	0.16	4.36	0.36	16.40	5.70	16.90	0.71	10.22
1267939	PM	27/08/2011	UTM83-8	7128448	596853	1398	WHI11001354	78.00	1.19	3.90	1.20	5.00	109.60	0.70	0.23	1.06	1.31	26.00	9.40	20.60	0.95	14.66
1267940	PM	27/08/2011	UTM83-8	7128400	596850	1401	WHI11001354	140.00	1.01	6.10	0.40	5.00	62.50	0.70	0.16	3.94	0.25	29.10	5.70	18.60	0.87	10.77
1267941	PM	27/08/2011	UTM83-8	7128354	596849	1401	WHI11001354	123.00	1.14	6.30	0.90	5.00	83.80	1.00	0.19	0.79	0.66	39.60	9.20	19.60	0.93	17.67
1267942	PM	27/08/2011	UTM83-8	7128303	596853	1398	WHI11001354	66.00	1.62	11.30	1.00	4.00	173.70	1.20	0.33	0.33	0.41	25.10	12.70	28.90	2.41	21.33
1267943	PM	27/08/2011	UTM83-8	7128251	596847	1404	WHI11001354	39.00	1.67	7.10	1.20	5.00	178.20	1.10	0.34	0.10	0.10	43.70	17.20	27.10	2.27	34.48
1267944	PM	27/08/2011	UTM83-8	7128205	596849	1421	WHI11001354	29.00	1.39	6.10	0.90	5.00	156.60	1.20	0.28	0.14	0.10	42.80	13.50	23.40	2.59	29.69
1267945	PM	27/08/2011	UTM83-8	7128152	596855	1426	WHI11001354	61.00	1.15	7.00	1.20	3.00	137.50	1.30	0.30	0.11	0.09	43.60	15.70	20.10	2.01	40.91
1267946	PM	27/08/2011	UTM83-8	7128099	596850	1416	WHI11001354	79.00	1.92	11.90	0.90	2.00	178.00	1.50	0.56	0.30	0.11	15.20	20.80	30.50	4.10	38.78
1267947	PM	27/08/2011	UTM83-8	7128051	596851	1413	WHI11001354	68.00	1.71	11.10	3.00	5.00	222.70	1.80	0.46	0.34	0.16	28.60	23.80	28.90	4.25	59.16
1267948	PM	27/08/2011	UTM83-8	7127997	596854	1428	WHI11001354	125.00	2.28	43.20	2.20	3.00	245.70	2.00	0.81	0.16	0.20	21.20	56.10	31.80	5.61	91.37
1267949	PM	27/08/2011	UTM83-8	7127903	596846	1407	WHI11001354	57.00	2.00	39.00	3.70	2.00	717.70	2.00	1.51	0.19	0.02	29.70	28.20	33.90	2.81	162.33
1267950	PM	27/08/2011	UTM83-8	7127851	596849	1426	WHI11001354	74.00	1.43	14.10	1.30	1.00	214.90	0.90	0.37	0.14	0.17	21.70	15.10	26.90	4.22	27.00
1267991	GP	27/08/2011	UTM83-8	7123300	599993		WHI11001354	40.00	1.67	11.80	0.70	1.00	76.20	0.60	0.35	0.06	0.12	21.30	19.90	30.20	3.14	19.14
1267992	GP	27/08/2011	UTM83-8	7123303	600044		WHI11001354	51.00	1.81	18.20	0.30	1.00	67.50	0.90	0.46	0.06	0.12	17.40	21.40	33.40	2.98	31.54
1267993	GP	27/08/2011	UTM83-8	7123302	600095		WHI11001354	13.00	1.36	18.20	0.10	0.50	62.10	0.60	0.41	0.03	0.07	11.10	17.90	29.40	4.00	18.09
1267994	GP	27/08/2011	UTM83-8	7123298	600152		WHI11001354	12.00	1.71	15.10	0.70	1.00	60.00	0.40	0.40	0.06	0.10	22.70	15.70	31.40	4.04	26.14
1267995	GP	27/08/2011	UTM83-8	7123301	600203		WHI11001354	9.00	1.62	18.30	4.90	1.00	79.00	0.80	0.53	0.05	0.10	19.00	13.80	33.00	3.13	40.63
1267996	GP	27/08/2011	UTM83-8	7123302	600244		WHI11001354	31.00	2.42	35.40	0.20	2.00	106.80	2.00	0.63	0.04	0.09	15.50	32.60	38.60	5.99	64.80
1267997	GP	27/08/2011	UTM83-8	7123301	600301		WHI11001354	26.00	1.73	11.90	0.10	0.50	95.00	1.40	0.56	0.03	0.08	17.00	34.80	29.80	4.55	42.95
1267998	GP	27/08/2011	UTM83-8	7123291	600343		WHI11001354	66.00	1.25	6.30	0.50	0.50	110.50	1.10	0.36	0.04	0.10	12.20	22.20	25.70	4.65	26.61
1267999	GP	27/08/2011	UTM83-8	7123302	600403		WHI11001354	37.00	1.28	10.00	0.30	1.00	80.50	0.50	0.33	0.04	0.16	20.60	8.10	26.00	3.04	15.46
1268000	GP	27/08/2011	UTM83-8	7123305	600447		WHI11001354	37.00	0.42	23.30	0.10	3.00	179.90	0.60	0.25	5.63	0.61	11.10	13.80	9.50	1.50	24.25

Sample No.	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppb	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppb	S_pct	Sb_ppm	Sc_ppm
1267925	2.34	5.40	0.05	0.15	21.00	0.02	0.10	28.60	51.80	2.28	180.00	0.23	0.00	0.22	24.00	0.04	13.50	5.00	1.00	9.30	0.50	0.03	0.17	4.70
1267926	2.61	5.90	0.05	0.16	19.00	0.03	0.12	29.80	52.90	2.86	222.00	0.33	0.00	0.19	27.80	0.07	14.01	5.00	1.00	10.10	0.50	0.02	0.17	5.20
1267927	2.53	6.00	0.05	0.14	35.00	0.02	0.14	27.40	50.50	2.90	245.00	0.26	0.00	0.18	26.70	0.07	14.51	5.00	1.00	11.10	0.50	0.01	0.16	4.50
1267928	2.64	5.60	0.05	0.12	26.00	0.03	0.17	29.70	42.50	1.87	295.00	0.34	0.00	0.20	28.60	0.06	13.77	5.00	1.00	13.50	0.50	0.01	0.21	4.60
1267929	2.21	2.80	0.05	0.14	103.00	0.03	0.16	21.50	21.20	0.34	137.00	1.17	0.00	0.28	20.50	0.10	21.87	5.00	1.00	10.10	0.50	0.03	0.57	2.70
1267930	1.57	1.10	0.05	0.04	78.00	0.03	0.05	12.80	5.80	0.13	441.00	1.15	0.00	0.11	9.60	0.10	20.33	5.00	1.00	4.80	0.50	0.07	0.42	1.00
1267931	3.01	4.30	0.05	0.03	45.00	0.04	0.12	32.50	27.40	0.64	605.00	0.97	0.00	0.35	20.60	0.09	34.23	5.00	1.00	13.40	0.50	0.04	0.52	2.40
1267932	2.75	5.30	0.05	0.03	25.00	0.03	0.12	13.10	25.80	0.42	501.00	1.16	0.00	0.43	14.90	0.09	28.64	5.00	1.00	16.00	0.50	0.05	0.51	1.30
1267933	3.12	4.20	0.05	0.04	27.00	0.03	0.10	13.10	18.30	0.37	500.00	1.25	0.00	0.45	20.60	0.07	36.65	5.00	1.00	11.20	0.50	0.03	0.50	2.00
1267934	2.91	3.30	0.05	0.06	30.00	0.03	0.13	11.70	12.90	0.26	671.00	1.10	0.00	0.30	15.40	0.11	43.32	5.00	1.00	14.00	0.50	0.05	0.40	2.10
1267935	3.53	3.60	0.05	0.03	74.00	0.04	0.15	23.90	17.30	0.81	2012.00	1.90	0.00	0.27	31.40	0.14	284.31	5.00	1.00	13.00	0.50	0.06	0.74	3.20
1267936	3.39	2.70	0.05	0.05	38.00	0.04	0.12	7.00	8.10	0.23	370.00	0.82	0.00	0.35	17.10	0.13	35.29	5.00	1.00	14.40	1.00	0.08	0.34	1.60
1267937	2.74	3.00	0.05	0.05	30.00	0.02	0.10	13.20	15.30	1.42	985.00	1.54	0.00	0.32	18.40	0.09	89.72	5.00	1.00	9.50	0.50	0.04	0.57	2.50
1267938	2.14	2.60	0.05	0.07	34.00	0.01	0.10	9.90	12.60	2.60	895.00	1.07	0.00	0.25	13.60	0.07	30.18	5.00	1.00	9.70	1.00	0.03	0.27	2.30
1267939	2.35	3.40	0.05	0.06	45.00	0.03	0.15	11.60	17.30	0.74	937.00	0.94	0.01	0.33	18.60	0.08	45.83	5.00	1.00	14.10	2.00	0.04	0.19	2.60
1267940	1.86	2.30	0.05	0.05	45.00	0.03	0.15	17.20	11.70	2.30	235.00	0.83	0.00	0.18	16.50	0.10	22.81	5.00	1.00	10.20	0.50	0.02	0.25	3.00
1267941	2.27	2.80	0.05	0.07	46.00	0.02	0.17	22.20	13.60	0.39	574.00	1.08	0.00	0.29	21.30	0.13	30.11	5.00	1.00	12.10	0.50	0.06	0.36	2.70
1267942	3.34	4.40	0.05	0.11	25.00	0.04	0.25	8.80	25.00	0.43	991.00	1.60	0.00	0.31	26.20	0.07	38.18	5.00	1.00	20.60	0.50	0.04	0.29	3.70
1267943	3.34	4.80	0.05	0.07	23.00	0.03	0.22	15.60	30.90	0.54	1149.00	0.64	0.00	0.24	27.70	0.03	32.46	5.00	1.00	18.30	0.50	0.01	0.36	3.90
1267944	2.84	4.00	0.05	0.03	7.00	0.03	0.21	15.50	23.40	0.41	646.00	0.82	0.00	0.22	23.10	0.05	21.92	5.00	1.00	18.70	0.50	0.01	0.36	2.40
1267945	2.75	3.40	0.05	0.04	13.00	0.01	0.18	17.90	21.70	0.38	942.00	0.73	0.00	0.11	24.40	0.06	24.48	5.00	1.00	14.00	0.50	0.01	0.32	3.50
1267946	3.98	6.40	0.05	0.06	32.00	0.05	0.17	6.80	35.80	0.45	1543.00	1.04	0.01	0.35	24.90	0.08	36.85	5.00	1.00	19.90	0.50	0.04	0.33	3.80
1267947	4.02	5.10	0.05	0.07	28.00	0.04	0.19	10.20	35.20	0.57	2439.00	0.87	0.01	0.29	34.40	0.05	62.77	5.00	1.00	17.00	0.50	0.02	0.42	4.90
1267948	5.09	7.10	0.05	0.07	49.00	0.05	0.15	6.30	63.60	0.82	4903.00	1.16	0.00	0.08	44.30	0.04	171.57	5.00	1.00	14.80	0.50	0.01	0.47	6.90
1267949	4.91	5.90	0.05	0.03	30.00	0.06	0.13	5.60	50.20	0.66	8436.00	1.58	0.01	0.12	38.20	0.05	86.42	5.00	1.00	11.10	0.50	0.03	0.54	6.40
1267950	3.43	6.20	0.05	0.01	60.00	0.04	0.08	9.20	16.90	0.19	3655.00	1.60	0.00	0.32	14.90	0.13	29.88	5.00	1.00	14.40	0.50	0.07	0.79	1.10
1267991	3.24	6.40	0.05	0.01	37.00	0.04	0.08	9.40	12.40	0.26	1892.00	1.47	0.00	0.67	14.80	0.05	25.03	5.00	1.00	16.40	0.50	0.01	0.62	2.10
1267992	3.91	6.00	0.05	0.02	54.00	0.03	0.09	6.90	27.20	0.41	2253.00	1.44	0.00	0.60	22.90	0.06	52.70	5.00	1.00	11.70	0.50	0.03	0.55	2.60
1267993	4.22	6.10	0.05	0.01	32.00	0.04	0.09	5.00	13.20	0.30	1559.00	1.43	0.00	0.63	18.10	0.04	25.34	5.00	1.00	12.30	0.50	0.02	0.56	2.30
1267994	2.88	7.10	0.05	0.01	34.00	0.04	0.09	10.60	16.50	0.23	2171.00	1.83	0.00	0.83	17.50	0.05	18.18	5.00	1.00	17.80	0.50	0.01	0.87	2.10
1267995	3.69	6.30	0.05	0.01	26.00	0.03	0.10	8.60	17.70	0.38	884.00	1.40	0.00	0.53	20.60	0.04	24.16	5.00	1.00	13.80	0.50	0.01	0.69	1.90
1267996	5.43	6.50	0.05	0.07	67.00	0.09	0.11	5.90	39.80	0.57	3690.00	3.04	0.00	0.70	32.00	0.06	43.15	5.00	1.00	16.80	0.50	0.02	0.64	4.10
1267997	3.74	7.40	0.05	0.03	36.00	0.05	0.12	6.40	24.10	0.28	2666.00	1.11	0.00	0.50	22.40	0.05	25.80	5.00	1.00	20.00	1.00	0.02	0.36	2.70
1267998	3.61	5.10	0.05	0.01	60.00	0.03	0.13	5.00	11.00	0.17	2551.00	1.23	0.00	0.38	16.50	0.07	26.82	5.00	1.00	19.60	0.50	0.04	0.53	1.90
1267999	3.89	6.70	0.05	0.01	30.00	0.03	0.10	9.40	8.30	0.21	599.00	1.40	0.00	0.67	14.30	0.06	24.00	5.00	1.00	16.90	0.50	0.05	0.78	1.20
1268000	2.98	1.30	0.05	0.03	200.00	0.04	0.14	4.70	2.90	3.13	2103.00	0.81	0.01	0.06	17.40	0.06	101.58	5.00	1.00	8.40	0.50	0.15	0.20	3.60

Sample No.	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zn_pct	Zr_ppm
1267925	0.70	0.90	15.80	0.03	0.01	4.90	0.01	0.09	0.80	29.00	0.05	16.53	84.00		4.8
1267926	1.00	0.90	28.10	0.03	0.01	5.90	0.01	0.10	1.00	31.00	0.05	15.94	93.80		5.8
1267927	0.60	1.30	45.30	0.03	0.01	6.10	0.00	0.11	1.10	31.00	0.05	12.52	91.70		6.3
1267928	0.40	1.30	19.10	0.03	0.01	5.50	0.01	0.12	1.10	36.00	0.05	13.70	96.60		4.5
1267929	0.40	1.10	49.00	0.03	0.01	3.30	0.01	0.26	4.00	27.00	0.05	12.13	84.00		4.3
1267930	0.40	0.50	48.10	0.03	0.01	0.80	0.00	0.15	3.00	16.00	0.05	7.11	110.70		1.4
1267931	0.30	1.10	11.90	0.03	0.04	1.80	0.00	0.22	1.80	37.00	0.05	16.39	128.00		1.5
1267932	0.20	1.30	12.30	0.03	0.03	1.10	0.00	0.22	1.80	40.00	0.05	5.02	113.60		0.7
1267933	0.30	1.00	14.70	0.03	0.05	2.00	0.00	0.20	1.50	37.00	0.05	6.59	133.30		1
1267934	0.20	1.10	17.40	0.03	0.04	1.80	0.00	0.28	1.70	27.00	0.05	7.61	246.90		1.5
1267935	0.30	1.40	29.60	0.03	0.05	1.90	0.01	0.52	2.10	35.00	0.05	20.89	437.20		1.2
1267936	0.30	0.90	12.90	0.03	0.03	1.20	0.00	0.31	1.20	22.00	0.05	7.23	245.10		1.3
1267937	0.20	1.10	16.40	0.03	0.05	2.30	0.00	1.41	1.40	25.00	0.05	11.64	791.10		1.6
1267938	0.30	1.10	20.60	0.03	0.01	2.10	0.00	0.39	1.30	20.00	0.05	8.89	354.70		1.8
1267939	0.40	1.40	17.90	0.03	0.03	3.00	0.00	1.27	1.20	20.00	0.05	8.58	1265.60		2.1
1267940	0.20	0.80	22.70	0.03	0.02	2.70	0.00	0.15	1.40	20.00	0.05	15.47	68.20		1.9
1267941	0.10	0.90	17.50	0.03	0.03	2.10	0.00	0.17	1.40	23.00	0.05	17.76	173.10		2.5
1267942	0.30	1.50	15.30	0.03	0.04	3.20	0.00	0.22	1.30	32.00	0.05	7.77	157.40		3.8
1267943	0.10	1.60	9.30	0.03	0.02	5.20	0.00	0.17	1.20	27.00	0.05	8.89	84.00		2.5
1267944	0.10	1.00	11.00	0.03	0.04	3.70	0.00	0.16	1.00	25.00	0.05	6.47	68.70		1.3
1267945	0.05	0.70	14.10	0.03	0.02	5.70	0.00	0.12	1.60	21.00	0.05	15.63	72.40		3.1
1267946	0.20	1.20	19.80	0.03	0.04	2.80	0.00	0.19	2.20	32.00	0.05	10.11	94.10		2.1
1267947	0.20	3.50	22.00	0.03	0.05	4.40	0.00	0.20	1.40	29.00	0.05	15.93	99.10		2.6
1267948	0.10	1.70	14.50	0.03	0.05	4.30	0.00	0.28	1.30	28.00	0.05	12.57	118.40		3.4
1267949	0.05	2.20	24.00	0.03	0.07	5.50	0.01	0.13	2.80	36.00	0.20	11.30	99.70		2.7
1267950	0.40	1.60	9.40	0.03	0.08	0.50	0.01	0.15	1.50	59.00	0.05	4.60	60.70		0.4
1267991	0.50	0.90	7.70	0.03	0.05	2.40	0.01	0.14	0.90	50.00	0.20	3.38	58.40		0.3
1267992	0.40	1.10	7.90	0.03	0.06	3.60	0.01	0.11	0.90	40.00	0.10	4.00	86.00		0.6
1267993	0.30	1.70	4.60	0.03	0.05	3.70	0.01	0.07	0.90	41.00	0.20	3.23	62.00		0.4
1267994	0.40	1.10	7.50	0.03	0.06	2.90	0.03	0.13	1.00	60.00	0.20	2.74	84.40		0.5
1267995	0.30	2.40	7.90	0.03	0.09	1.60	0.01	0.11	1.20	49.00	0.20	4.05	67.30		0.2
1267996	0.50	1.30	6.80	0.03	0.05	6.60	0.01	0.18	1.30	42.00	0.20	5.53	110.20		2.7
1267997	0.40	2.00	6.40	0.03	0.06	3.30	0.00	0.12	1.00	35.00	0.05	5.74	72.50		0.7
1267998	0.30	1.00	5.70	0.03	0.06	1.10	0.01	0.12	0.90	36.00	0.10	3.63	74.90		0.3
1267999	0.40	1.60	6.70	0.03	0.06	0.80	0.02	0.12	0.80	53.00	0.10	2.88	91.60		2.9
1268000	0.20	0.70	25.90	0.03	0.01	3.60	0.00	0.45	0.70	12.00	0.05	8.05	269.90		1.2

APPENDIX D

Stream Sediment Sample Locations and Analytical Results

	RACKLA METALS INC.												
	Scarlet West Property (Car & Lin Claims) - 2011 BLEG Sample Locations and Analytical Results												
sample_number	medium_code	Logged_By	Sample_Date	grid_type	Northing	Easting	elevation	lab_reference_number	Ag_ppb	Au_ppb	Cu_ppm	Pb_ppm	Zn_ppm
RDU_SCAR_118007	Stream	FT	25/06/2011	UTM83-8	7124693	596066	1205	WHI11000457	24.4	9.1	2.69	0.65	7.2
RDU_SCAR_118008	Stream	FT	25/06/2011	UTM83-8	7124535	595925	1183	WHI11000457	28.4	2.8	2.47	0.83	6.38
RDU_SCAR_118012	Stream	FT	26/06/2011	UTM83-8	7124088	595486	1189	WHI11000457	17.3	3.2	2.65	0.56	7.31
RDU_SCAR_118014	Stream	FT	26/06/2011	UTM83-8	7123902	595327	1158	WHI11000457	35.9	3.8	2.88	0.38	5.15
RDU_SCAR_120583	Stream	MXB	25/06/2011	UTM83-8	7125188	597171	863	WHI11000457			7.84	0.41	10.78
RDU_SCAR_120585	Stream	MXB	25/06/2011	UTM83-8	7125179	597175	1257	WHI11000457	42.2	3.6	7.57	0.32	5.75
RDU_SCAR_120587	Stream	MXB	25/06/2011	UTM83-8	7125103	597138	1255	WHI11000457	34.9	3.6	5.99	0.4	28.88
RDU_SCAR_121654	Stream	SD	29/06/2011	UTM83-8	7126660	599755	1207	WHI11000457	32.2	3.3	8	0.74	2.39

RACKLA METALS INC.														
Scarlet West Property (CAR & LIN Claims) - 2011 Stream Sediment Geochemistry														
sample_number	medium_code	Logged_By	Sample_Date	grid_type_code	Northing	Easting	elevation	lab_reference	Wgt_kg_WGHT	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm
RDU_SCAR_118001	Stream	FT	25/06/2011	UTM83-8	7126226	595867	1550	WHI11000456	4.35	16	0.17	4.4	1	2
RDU_SCAR_118002	Stream	FT	25/06/2011	UTM83-8	7126137	596051	1520	WHI11000456	6.99	29	0.17	4.9	1	1
RDU_SCAR_118003	Stream	FT	25/06/2011	UTM83-8	7125973	596234	1489	WHI11000456	3.94	7	0.13	3.1	1	0.5
RDU_SCAR_118004	Stream	FT	25/06/2011	UTM83-8	7125298	596342	1324	WHI11000456	2.89	16	0.13	3	1	2
RDU_SCAR_118005	Stream	FT	25/06/2011	UTM83-8	7125112	596221	1270	WHI11000456	2.26	12	0.05	2.4	1	0.5
RDU_SCAR_118006	Stream	FT	25/06/2011	UTM83-8	7124933	596127	1238	WHI11000456	2.49	21	0.09	3.6	1	0.5
RDU_SCAR_118009	Stream	FT	25/06/2011	UTM83-8	7124523	596013	1189	WHI11000456	2.1	59	0.36	6.9	1	1
RDU_SCAR_118010	Stream	FT	25/06/2011	UTM83-8	7124393	595752	1182	WHI11000456	3.37	22	0.19	3.5	1	0.5
RDU_SCAR_118011	Stream	FT	25/06/2011	UTM83-8	7124157	595650	1170	WHI11000456	2.51	19	0.18	3.3	1	1
RDU_SCAR_118013	Stream	FT	26/06/2011	UTM83-8	7124107	595478	1170	WHI11000456	2.11	98	0.39	9.8	1	2
RDU_SCAR_118015	Stream	FT	26/06/2011	UTM83-8	7123696	595190	1143	WHI11000456	3.68	35	0.18	5.2	1	0.5
RDU_SCAR_118016	Stream	FT	26/06/2011	UTM83-8	7123515	595008	1129	WHI11000456	6.35	46	0.2	5.9	1	1
RDU_SCAR_118017	Stream	FT	26/06/2011	UTM83-8	7123281	594877	1115	WHI11000456	4.57	33	0.19	5.8	1	0.5
RDU_SCAR_118018	Stream	FT	26/06/2011	UTM83-8	7123045	594731	1098	WHI11000456	3.7	36	0.17	5.7	1	0.5
RDU_SCAR_118019	Stream	FT	26/06/2011	UTM83-8	7122837	594607	1090	WHI11000456	2.86	60	0.23	6.2	1	0.5
RDU_SCAR_118020	Stream	FT	26/06/2011	UTM83-8	7122627	594456	1080	WHI11000456	2.67	36	0.26	5.3	1	1
RDU_SCAR_118021	Stream	FT	27/06/2011	UTM83-8	7127599	589284	1227	WHI11000456	1.32	55	0.58	32.1	1	4
RDU_SCAR_118022	Stream	FT	27/06/2011	UTM83-8	7127951	589760	1100	WHI11000456	2.42	75	0.74	37.9	1	2
RDU_SCAR_118023	Stream	FT	27/06/2011	UTM83-8	7128076	589946	1056	WHI11000456	1.95	130	0.75	32.1	1	3
RDU_SCAR_118024	Stream	FT	27/06/2011	UTM83-8	7128065	590177	1001	WHI11000456	2.25	92	0.49	69.5	1	2
RDU_SCAR_118025	Stream	FT	27/06/2011	UTM83-8	7127985	590411	950	WHI11000456	3.14	93	0.72	26.4	1	2
RDU_SCAR_118026	Stream	DS	28/06/2011	UTM83-8	7124341	597824	1442	WHI11000456	2.62	59	0.49	13.3	4	2
RDU_SCAR_118027	Stream	DS	28/06/2011	UTM83-8	7124593	597739	1394	WHI11000456	2.4	78	0.62	13.9	1	4
RDU_SCAR_118028	Stream	DS	28/06/2011	UTM83-8	7124765	597565	1372	WHI11000456	1.76	73	0.65	12.4	1	5
RDU_SCAR_118029	Stream	DS	28/06/2011	UTM83-8	7124956	597409	1328	WHI11000456	3.18	57	0.38	10.4	1	3
RDU_SCAR_118030	Stream	DS	28/06/2011	UTM83-8	7125116	597230	1288	WHI11000456	2.89	55	0.35	6.9	1	3
RDU_SCAR_118031	Stream	DS	28/06/2011	UTM83-8	7125542	597572	1322	WHI11000456	3.33	107	1.1	7.9	1	3
RDU_SCAR_118032	Stream	DS	28/06/2011	UTM83-8	7125591	597826	1325	WHI11000456	1.87	152	1.13	6.5	1	9
RDU_SCAR_118033	Stream	DS	28/06/2011	UTM83-8	7125717	598028	1331	WHI11000456	3.74	165	1.3	9	1	5
RDU_SCAR_118034	Stream	DS	28/06/2011	UTM83-8	7125870	598214	1344	WHI11000456	2.84	80	1.14	7.1	1	4
RDU_SCAR_118035	Stream	DS	28/06/2011	UTM83-8	7125450	598758	1378	WHI11000456	2.34	200	1.03	10.7	1	11
RDU_SCAR_118036	Stream	DS	28/06/2011	UTM83-8	7125237	598776	1405	WHI11000456	3.23	127	0.72	8.7	1	7
RDU_SCAR_118501	Stream	RH	11/06/2011	UTM83-8	7123310	587260		WHI11000242		69	0.62	7.5	1	4
RDU_SCAR_118676	Stream	CM	25/06/2011	UTM83-8	7122311	599123	1264	WHI11000456	3.38	46	1.45	15.1	1	0.5
RDU_SCAR_118677	Stream	CM	25/06/2011	UTM83-8	7122206	598883	1252	WHI11000456	3.15	47	1.47	15.5	1	0.5
RDU_SCAR_118678	Stream	CM	25/06/2011	UTM83-8	7122216	598608	1238	WHI11000456	3	44	1.52	13.8	1	1
RDU_SCAR_118679	Stream	CM	25/06/2011	UTM83-8	7122142	598319	1212	WHI11000456	2.97	59	1.42	13.6	1	0.5
RDU_SCAR_118680	Stream	CM	25/06/2011	UTM83-8	7122013	598168	1195	WHI11000456	2.72	128	1	13.2	1	4
RDU_SCAR_118681	Stream	CM	25/06/2011	UTM83-8	7121853	597941	1164	WHI11000456	2.63	154	0.77	13.5	1	3
RDU_SCAR_118682	Stream	CM	25/06/2011	UTM83-8	7121710	597593	1125	WHI11000456	3.81	138	0.77	11.2	1	4
RDU_SCAR_118683	Stream	CM	26/06/2011	UTM83-8	7127351	593074	1565	WHI11000456	3.45	34	0.31	7.1	1	2
RDU_SCAR_118684	Stream	CM	26/06/2011	UTM83-8	7127093	593087	1545	WHI11000456	2.49	28	0.24	6.1	1	1
RDU_SCAR_118685	Stream	CM	26/06/2011	UTM83-8	7126791	593108	1500	WHI11000456	3.12	25	0.18	8	1	2
RDU_SCAR_118686	Stream	CM	26/06/2011	UTM83-8	7126582	593144	1463	WHI11000456	3.25	28	0.19	6.8	1	2
RDU_SCAR_118687	Stream	CM	26/06/2011	UTM83-8	7126278	593087	1378	WHI11000456	3.14	34	0.21	7.7	1	2
RDU_SCAR_118688	Stream	CM	26/06/2011	UTM83-8	7126044	592974	1353	WHI11000456	3.27	33	0.21	7.4	1	3

sample_number	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppb	K_pct	La_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct
RDU_SCAR_118001	38.4	0.04	12.91	0.28	2.3	4	4.85	0.39	0.4	23	0.03	4.2	6.27	88	1.27	0.007	11.6	0.026
RDU_SCAR_118002	39.3	0.01	13.19	0.12	2.9	14.8	4.61	0.54	0.4	12	0.02	4.3	7.19	94	2.33	0.009	13.7	0.023
RDU_SCAR_118003	28.7	0.03	13.33	0.19	1.4	3.9	3.38	0.31	0.2	6	0.02	3.5	7.12	72	1.05	0.007	7.9	0.02
RDU_SCAR_118004	34	0.01	12.41	0.14	1.4	5	3.15	0.32	0.2	2.5	0.02	3	5.66	65	0.99	0.006	7.1	0.021
RDU_SCAR_118005	25.1	0.01	16.83	0.02	0.6	3.8	1.65	0.14	0.1	2.5	0.01	2.2	6.49	58	0.78	0.007	3.5	0.011
RDU_SCAR_118006	37.8	0.01	16.98	0.11	1.1	4.6	2.87	0.26	0.2	2.5	0.01	2.9	7.35	75	1.44	0.008	5.3	0.02
RDU_SCAR_118009	130.7	0.06	15.86	0.89	4.4	9.7	10.59	1.05	1.1	20	0.06	10	5.2	227	1.06	0.006	25	0.064
RDU_SCAR_118010	72.3	0.05	8.88	0.39	2.3	4.9	4.89	0.53	0.4	9	0.03	4.6	3.37	129	0.89	0.004	10.4	0.03
RDU_SCAR_118011	101.9	0.04	11.32	0.23	2.2	4.9	4.46	0.56	0.5	2.5	0.04	4.2	4.36	150	0.87	0.005	7.8	0.026
RDU_SCAR_118013	197.1	0.07	10.75	0.44	6.3	8.8	12.28	1.47	1	18	0.08	6.7	5.47	203	3.79	0.007	19.7	0.051
RDU_SCAR_118015	104.2	0.03	10.96	0.22	2.6	5.2	4.96	0.63	0.5	2.5	0.04	4	5.45	113	1.75	0.006	9.7	0.026
RDU_SCAR_118016	95.7	0.03	14.05	0.29	2.8	5.4	5.61	0.71	0.5	5	0.05	4.8	7.17	122	1.98	0.008	10.7	0.028
RDU_SCAR_118017	86.3	0.01	15.21	0.22	2.5	5.6	5.1	0.63	0.6	23	0.04	5	7.96	132	2	0.009	9.6	0.03
RDU_SCAR_118018	81.3	0.04	15.18	0.17	2.3	5	5.09	0.61	0.4	11	0.03	4.6	7.95	116	1.58	0.009	8.8	0.026
RDU_SCAR_118019	122.2	0.04	15.65	0.3	3.1	6.4	6.22	0.78	0.6	6	0.04	5.4	7.62	141	2.02	0.009	11.3	0.034
RDU_SCAR_118020	121.3	0.05	14.42	0.35	3.4	6.3	6.58	0.77	0.6	2.5	0.05	5.3	6.69	181	1.9	0.007	11.7	0.034
RDU_SCAR_118021	84.7	0.12	9.81	0.21	5.6	10.8	14.18	1.38	1.5	35	0.07	7.8	4.83	207	1.27	0.007	15.9	0.049
RDU_SCAR_118022	111.6	0.16	8.44	0.41	6.6	14.3	16.75	1.63	1.9	30	0.08	8.8	4.66	307	2.54	0.005	18.7	0.061
RDU_SCAR_118023	139.2	0.22	8.23	0.55	8.2	15.6	24.24	1.84	2.1	69	0.08	7.7	4.22	425	1.52	0.005	20.2	0.064
RDU_SCAR_118024	149	0.14	8.41	0.52	13.1	10.6	27.15	2.5	1.5	69	0.09	10.7	4.17	573	2.01	0.005	45.3	0.082
RDU_SCAR_118025	139	0.18	7.21	0.5	12.5	13.5	27.08	2.66	2	53	0.09	7.1	3.52	510	1.29	0.004	28.1	0.058
RDU_SCAR_118026	274.6	0.15	13.29	3.68	6.7	12.1	21.61	1.52	1.3	47	0.06	13.3	6.8	463	1.57	0.005	101.6	0.116
RDU_SCAR_118027	233.2	0.15	14.18	4.35	7.8	14.2	28.39	1.52	1.4	49	0.07	14.6	6.17	439	1.83	0.004	126.6	0.143
RDU_SCAR_118028	215.1	0.12	13.79	3.56	6.4	13.6	26.33	1.45	1.4	49	0.07	14	6.11	387	1.72	0.004	114	0.143
RDU_SCAR_118029	159.7	0.08	14.25	2.01	4.4	10.3	15.37	0.98	0.9	26	0.05	10.2	6.52	298	1.49	0.005	58.1	0.104
RDU_SCAR_118030	144.1	0.06	12.19	1.99	3.8	8.7	12	0.87	0.9	29	0.05	9.1	5.32	249	1.07	0.004	42.9	0.08
RDU_SCAR_118031	236.6	0.24	1.05	0.54	13.9	19.8	21.77	3.35	3.2	26	0.1	12.8	0.67	1095	1.1	0.002	25	0.094
RDU_SCAR_118032	275.2	0.29	1.64	1.21	10	22.6	25.5	2.87	3.1	75	0.11	13.9	0.59	789	1.57	0.003	20.8	0.151
RDU_SCAR_118033	422.1	0.29	0.72	0.49	10.8	24.4	31.83	3.15	3.5	38	0.13	13.2	0.39	867	1.22	0.001	24	0.091
RDU_SCAR_118034	396.7	0.29	1.98	0.74	9.7	20.7	22.34	2.89	3.1	23	0.11	9.4	1.13	1331	0.86	0.002	23.1	0.072
RDU_SCAR_118035	247.3	0.22	4.08	1.3	12.5	22.3	32.35	3.42	2.8	32	0.23	21	1.88	482	2.86	0.003	68.2	0.128
RDU_SCAR_118036	143.4	0.13	7.4	0.85	10.7	14.8	18.06	2.76	2	20	0.16	15.8	3.14	380	2.2	0.005	31	0.12
RDU_SCAR_118501	84.5	0.12	10.33	0.29	7.8	11.9	15.69	1.89	1.7	91	0.08	7.3	4.55	490	0.69	0.006	17.4	0.048
RDU_SCAR_118676	391.8	0.51	0.49	0.25	20.8	29.5	45.35	3.96	5.5	21	0.12	5.6	0.61	2015	1.02	0.005	33.1	0.035
RDU_SCAR_118677	324.5	0.45	0.48	0.34	21.3	29.9	44.22	3.87	5.3	12	0.12	5.8	0.59	2223	1.3	0.005	32	0.034
RDU_SCAR_118678	265.9	0.44	0.43	0.32	20.6	29.4	40.8	3.93	5.4	6	0.13	5.7	0.6	1971	1.21	0.005	32.8	0.031
RDU_SCAR_118679	329	0.36	1.02	0.36	19.3	27.7	38.13	3.63	5.1	22	0.13	7	0.79	1708	1.38	0.005	32.6	0.05
RDU_SCAR_118680	291.6	0.27	3.56	0.71	12.6	19.3	38.45	2.7	3.1	44	0.12	10.4	1.54	1165	2.23	0.004	29.7	0.122
RDU_SCAR_118681	335.9	0.16	6.54	1.06	10	15	29.12	2.36	2.3	41	0.14	12.4	2.86	750	2.34	0.006	28.5	0.173
RDU_SCAR_118682	348.4	0.15	6.36	0.88	9.4	15.1	25.29	2.09	2.3	37	0.16	12.1	2.73	751	2.32	0.006	24.7	0.19
RDU_SCAR_118683	47.3	0.06	16.25	0.26	3.1	6.8	8.32	0.82	0.8	2.5	0.03	6.4	6.81	151	1	0.009	11.9	0.04
RDU_SCAR_118684	35.3	0.05	16.26	0.22	2.3	5	6.79	0.57	0.7	20	0.03	5.7	7.88	167	0.65	0.006	10	0.027
RDU_SCAR_118685	23	0.03	18.59	0.2	2.1	4.3	6.65	0.49	0.5	20	0.02	6.3	9.25	151	0.91	0.008	10.6	0.034
RDU_SCAR_118686	25.4	0.04	19.47	0.22	2.2	4.2	6.36	0.5	0.5	11	0.03	5.1	9.14	130	1.1	0.009	9.9	0.029
RDU_SCAR_118687	28	0.04	18.74	0.23	2.4	4.9	7.1	0.61	0.5	15	0.03	5.6	8.79	143	1.14	0.009	10.7	0.034
RDU_SCAR_118688	27.3	0.04	18.78	0.21	2.3	5	6.84	0.58	0.5	16	0.03	5.4	8.85	148	1.13	0.009	10.5	0.035

sample_number	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
RDU_SCAR_118001	3.83	0.02	0.31	0.7	0.8	72.6	0.1	0.7	0.002	0.2	1.7	8	0.05	34
RDU_SCAR_118002	3.28	0.03	0.41	1.5	0.5	55.3	0.04	0.5	0.003	0.49	1.2	12	0.05	26.9
RDU_SCAR_118003	2.45	0.02	0.25	0.5	0.2	50.7	0.05	0.4	0.002	0.43	1.3	8	0.05	23.8
RDU_SCAR_118004	2.52	0.01	0.15	0.7	0.3	47.8	0.03	0.4	0.003	0.22	1.2	7	0.05	17.2
RDU_SCAR_118005	1.66	0.04	0.13	0.5	0.2	61.3	0.05	0.3	0.0005	0.08	1	5	0.05	7.3
RDU_SCAR_118006	2.77	0.05	0.17	0.6	0.2	65.4	0.06	0.4	0.001	0.12	1.4	6	0.05	11.9
RDU_SCAR_118009	8.05	0.05	0.41	1.7	0.7	78.7	0.03	1.5	0.004	0.24	1.7	19	0.05	94.6
RDU_SCAR_118010	3.71	0.01	0.22	0.9	0.3	48.7	0.05	0.7	0.002	0.13	0.9	8	0.05	39.9
RDU_SCAR_118011	4.14	0.01	0.18	0.7	0.05	55.2	0.04	0.8	0.002	0.11	0.9	8	0.05	33.3
RDU_SCAR_118013	9.22	0.1	0.56	2	0.4	79.9	0.06	2.2	0.002	0.3	1.5	18	0.05	66.8
RDU_SCAR_118015	3.92	0.03	0.26	1	0.5	55.9	0.05	0.9	0.002	0.18	1	10	0.05	32
RDU_SCAR_118016	4.76	0.06	0.39	1.1	0.5	73.8	0.09	1.2	0.002	0.21	1.2	11	0.05	33.7
RDU_SCAR_118017	4.33	0.06	0.31	1	0.2	70.7	0.04	0.9	0.002	0.19	1.1	11	0.05	33.6
RDU_SCAR_118018	3.62	0.06	0.31	0.9	0.3	70.3	0.04	0.8	0.002	0.16	1	10	0.05	28.5
RDU_SCAR_118019	5.32	0.07	0.32	1.1	0.4	79.3	0.08	1.1	0.002	0.22	1.2	12	0.05	41.1
RDU_SCAR_118020	5.29	0.05	0.33	1.2	0.3	79.4	0.06	1.2	0.002	0.24	1.2	12	0.05	41.8
RDU_SCAR_118021	11.22	0.03	0.42	1.6	0.4	88.9	0.04	1.3	0.004	0.39	1.5	22	0.05	54.6
RDU_SCAR_118022	15.12	0.03	0.6	1.7	0.2	74.9	0.14	1.5	0.004	0.47	1.6	26	0.05	84.6
RDU_SCAR_118023	23.7	0.05	0.62	2.1	0.7	85.1	0.06	1.7	0.004	0.56	1.4	22	0.05	105.4
RDU_SCAR_118024	29.29	0.13	0.99	3.6	0.8	91.9	0.13	2.3	0.002	0.62	2	22	0.05	105.5
RDU_SCAR_118025	35.85	0.12	0.82	3.3	0.2	84	0.04	2.4	0.002	0.41	1.5	22	0.05	108.1
RDU_SCAR_118026	8.24	0.04	0.82	1.7	0.5	50.1	0.04	1.5	0.003	0.69	3.2	37	0.05	496.4
RDU_SCAR_118027	9.52	0.07	1.16	2	0.7	71.4	0.07	1.3	0.004	0.82	4.3	40	0.05	552.7
RDU_SCAR_118028	9.02	0.03	1.02	1.9	0.9	74.1	0.06	1.2	0.004	0.78	4	38	0.05	482.6
RDU_SCAR_118029	6.39	0.01	0.67	1.3	0.6	76.2	0.03	0.9	0.003	0.51	2.9	25	0.05	268.6
RDU_SCAR_118030	5.9	0.01	0.54	1.3	0.4	72.4	0.07	1	0.003	0.39	2.1	21	0.05	198.4
RDU_SCAR_118031	20.98	0.03	0.42	3	0.6	29.9	0.03	4.2	0.005	0.13	1	25	0.05	123.5
RDU_SCAR_118032	24.19	0.18	0.7	4.1	2	36.9	0.01	2.1	0.007	0.19	1.2	22	0.05	152.2
RDU_SCAR_118033	24.38	0.06	0.35	4	0.8	36.6	0.05	2.5	0.003	0.15	1.6	27	0.05	140.1
RDU_SCAR_118034	22.74	0.06	0.27	3.2	0.9	36	0.02	2.5	0.003	0.11	1.2	23	0.05	113
RDU_SCAR_118035	18.98	0.05	0.83	4.8	1	83.2	0.05	3.4	0.003	0.84	1.9	35	0.05	264.5
RDU_SCAR_118036	12.31	0.05	0.71	3.6	0.4	93	0.02	3.5	0.003	0.31	1.5	26	0.05	110.2
RDU_SCAR_118501	19.11	0.02	0.6	2.3	0.05	108.1	0.06	2.4	0.004	0.13	1	15	0.05	93.5
RDU_SCAR_118676	42.92	0.01	0.3	4.2	0.4	22.7	0.02	5.3	0.005	0.11	1.3	29	0.2	108.8
RDU_SCAR_118677	42.61	0.01	0.25	4	0.7	23.1	0.12	5.1	0.005	0.08	1.2	29	0.1	109.9
RDU_SCAR_118678	39.96	0.01	0.22	3.9	0.5	20	0.07	5.4	0.005	0.11	1.1	29	0.05	107.7
RDU_SCAR_118679	38.15	0.02	0.3	3.9	0.6	26.1	0.04	5	0.005	0.16	1.4	28	0.05	120
RDU_SCAR_118680	25.59	0.05	0.54	3.9	0.7	48.9	0.04	3.2	0.004	0.18	2.1	25	0.1	132.8
RDU_SCAR_118681	18	0.05	0.64	3.5	0.8	69.3	0.02	3	0.004	0.2	3.2	25	0.05	141.4
RDU_SCAR_118682	18.64	0.04	0.58	3.4	0.9	67.4	0.13	3.2	0.004	0.21	3.3	25	0.05	128.9
RDU_SCAR_118683	5.33	0.01	0.47	1.2	0.1	88.3	0.03	1.2	0.012	0.16	1.6	18	0.05	36
RDU_SCAR_118684	5.07	0.01	0.39	0.8	0.2	76.7	0.06	0.4	0.005	0.18	1.2	13	0.05	28.4
RDU_SCAR_118685	4.01	0.01	0.35	0.9	0.2	84.5	0.04	0.7	0.006	0.18	1.3	11	0.05	23.5
RDU_SCAR_118686	3.77	0.01	0.3	0.8	0.1	92.4	0.03	0.7	0.004	0.15	1.7	11	0.05	24.6
RDU_SCAR_118687	4.44	0.01	0.36	1	0.2	93.5	0.04	0.8	0.005	0.18	1.7	13	0.05	28.7
RDU_SCAR_118688	4.19	0.01	0.33	1	0.2	93	0.04	0.7	0.005	0.18	1.7	12	0.05	27.9

sample_number	medium_code	Logged_By	Sample_Date	grid_type_code	Northing	Easting	elevation	lab_reference	Wgt_kg_WGHT	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm
RDU_SCAR_118689	Stream	CM	26/06/2011	UTM83-8	7125996	592973	1338	WHI11000456	3	75	0.38	13.3	1	5
RDU_SCAR_118690	Stream	CM	26/06/2011	UTM83-8	7125832	592794	1310	WHI11000456	2.71	50	0.33	11	1	6
RDU_SCAR_118691	Stream	CM	26/06/2011	UTM83-8	7125617	592687	1293	WHI11000456	2.99	56	0.38	10.4	1	4
RDU_SCAR_118692	Stream	CM	26/06/2011	UTM83-8	7125365	592624	1273	WHI11000456	3.53	65	0.41	10.4	1	4
RDU_SCAR_118693	Stream	CM	26/06/2011	UTM83-8	7125103	592572	1252	WHI11000456	2.93	59	0.38	9.4	1	3
RDU_SCAR_118694	Stream	CM	26/06/2011	UTM83-8	7124858	592565	1232	WHI11000456	3.61	47	0.38	9	3	5
RDU_SCAR_118695	Stream	CM	26/06/2011	UTM83-8	7124664	592545	1202	WHI11000456	3.28	31	0.31	5.9	1	5
RDU_SCAR_118696	Stream	CM	26/06/2011	UTM83-8	7124616	592429	1190	WHI11000456	2.74	59	0.37	9.6	1	6
RDU_SCAR_118697	Stream	CM	26/06/2011	UTM83-8	7124421	592285	1181	WHI11000456	2.8	41	0.4	9.7	2	5
RDU_SCAR_118698	Stream	CM	27/06/2011	UTM83-8	7127810	594344	1393	WHI11000456	3.49	76	0.37	16.7	1	3
RDU_SCAR_118699	Stream	CM	27/06/2011	UTM83-8	7127949	594075	1345	WHI11000456	3.29	18	0.32	22.1	1	2
RDU_SCAR_118700	Stream	CM	27/06/2011	UTM83-8	7128087	593901	1343	WHI11000456	3.25	7	0.1	3.7	1	2
RDU_SCAR_118851	Stream	CM	27/06/2011	UTM83-8	7128515	593759	1300	WHI11000456	2.85	74	0.48	10.7	1	5
RDU_SCAR_118852	Stream	CM	27/06/2011	UTM83-8	7128660	593745	1289	WHI11000456	2.29	60	0.48	10.3	1	4
RDU_SCAR_118853	Stream	CM	27/06/2011	UTM83-8	7127853	595369	1383	WHI11000456	2.01	220	1.31	45.9	1	12
RDU_SCAR_118854	Stream	CM	27/06/2011	UTM83-8	7128086	595337	1361	WHI11000456	2.14	142	1.06	23.1	1	9
RDU_SCAR_118855	Stream	CM	27/06/2011	UTM83-8	7128347	595255	1314	WHI11000456	2.45	135	1.1	21.3	1	9
RDU_SCAR_118856	Stream	CM	27/06/2011	UTM83-8	7128590	595219	1301	WHI11000456	2.26	74	1.13	10	1	4
RDU_SCAR_118857	Stream	CM	27/06/2011	UTM83-8	7128828	595165	1285	WHI11000456	2.91	76	1.33	13.1	1	4
RDU_SCAR_118858	Stream	CM	27/06/2011	UTM83-8	7127730	596762	1438	WHI11000456	2.45	130	0.84	22.6	1	8
RDU_SCAR_118859	Stream	CM	27/06/2011	UTM83-8	7128217	596821	1401	WHI11000456	2.45	83	1.36	12.8	3	3
RDU_SCAR_118860	Stream	JB	28/06/2011	UTM83-8	7123189	596976	1382	WHI11000456	4.04	30	0.36	7.9	1	3
RDU_SCAR_118861	Stream	JB	28/06/2011	UTM83-8	7123443	596931	1364	WHI11000456	3.86	79	1.19	17.9	1	6
RDU_SCAR_118862	Stream	JB	28/06/2011	UTM83-8	7124195	596770	1318	WHI11000456	4.05	82	0.7	17.2	1	2
RDU_SCAR_118863	Stream	JB	28/06/2011	UTM83-8	7124301	596576	1283	WHI11000456	3.11	94	0.59	12.6	1	2
RDU_SCAR_118864	Stream	JB	28/06/2011	UTM83-8	7124498	596373	1249	WHI11000456	3.27	53	0.45	8.2	1	3
RDU_SCAR_118865	Stream	JB	28/06/2011	UTM83-8	7124549	596093	1215	WHI11000456	3.53	52	0.43	8.1	1	3
RDU_SCAR_118866	Stream	JB	28/06/2011	UTM83-8	7124201	594983	1233	WHI11000456	3.63	14	0.1	4.8	1	1
RDU_SCAR_119223	Stream	LB	26/06/2011	UTM83-8	7128892	593142	1229	WHI11000456	2.78	22	0.06	6.1	1	2
RDU_SCAR_119224	Stream	LB	26/06/2011	UTM83-8	7128551	592409	1195	WHI11000456	2.41	8	0.02	1.8	1	1
RDU_SCAR_119225	Stream	LB	27/06/2011	UTM83-8	7125985	594525	1676	WHI11000456	3.57	13	0.12	4.1	1	3
RDU_SCAR_119226	Stream	LB	27/06/2011	UTM83-8	7125656	594442	1540	WHI11000456	3.07	13	0.1	4.7	1	2
RDU_SCAR_119227	Stream	LB	27/06/2011	UTM83-8	7125627	594254	1493	WHI11000456	3.65	12	0.08	4.9	1	2
RDU_SCAR_119228	Stream	LB	27/06/2011	UTM83-8	7125631	594003	1446	WHI11000456	3.5	17	0.13	4.5	1	3
RDU_SCAR_119229	Stream	LB	27/06/2011	UTM83-8	7125652	593816	1429	WHI11000456	5.04	29	0.08	6.3	1	2
RDU_SCAR_119230	Stream	LB	27/06/2011	UTM83-8	7125851	593578	1408	WHI11000456	3.39	89	0.27	9.7	1	3
RDU_SCAR_119231	Stream	LB	27/06/2011	UTM83-8	7126128	593512	1399	WHI11000456	2.81	30	0.25	19.6	1	0.5
RDU_SCAR_119232	Stream	LB	27/06/2011	UTM83-8	7126145	593289	1364	WHI11000456	2.03	26	0.27	18.9	1	2
RDU_SCAR_120521	Stream	SP	27/06/2011	UTM83-8	7127120	585816	1121	WHI11000456	3.45	48	0.93	4.7	1	4
RDU_SCAR_120522	Stream	SP	27/06/2011	UTM83-8	7127115	585825	1118	WHI11000456	2.29	55	1.06	10.7	1	4
RDU_SCAR_120574	Stream	MXB	25/06/2011	UTM83-8	7127211	597322	1486	WHI11000456	1.95	245	1.02	11.6	1	7
RDU_SCAR_120575	Stream	MXB	25/06/2011	UTM83-8	7126963	597322	1468	WHI11000456	2.39	174	1.24	6.1	1	4
RDU_SCAR_120576	Stream	MXB	25/06/2011	UTM83-8	7126724	597286	1454	WHI11000456	2.37	118	1.09	5.4	1	4
RDU_SCAR_120577	Stream	MXB	25/06/2011	UTM83-8	7126438	597254	1400	WHI11000456	2.25	43	0.12	2.9	1	2
RDU_SCAR_120578	Stream	MXB	25/06/2011	UTM83-8	7126245	597357	1379	WHI11000456	1.97	70	0.31	5.3	1	2
RDU_SCAR_120579	Stream	MXB	25/06/2011	UTM83-8	7126029	597383	863	WHI11000456	2.1	80	0.32	4.8	1	3
RDU_SCAR_120580	Stream	MXB	25/06/2011	UTM83-8	7125808	597467	863	WHI11000456	4	117	0.73	6.3	1	4
RDU_SCAR_120581	Stream	MXB	25/06/2011	UTM83-8	7125569	597438	863	WHI11000456	3.02	102	0.46	5.4	1	3

sample_number	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppb	K_pct	La_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct
RDU_SCAR_118689	80.9	0.07	15.97	0.38	5.8	9.2	12.14	1.38	1	17	0.09	8.8	5.7	265	2.43	0.007	20.1	0.071
RDU_SCAR_118690	68.6	0.06	16.73	0.33	5.3	8.3	10.4	1.25	0.9	16	0.08	8	6.12	302	1.73	0.007	16.5	0.059
RDU_SCAR_118691	74.5	0.11	16.2	0.31	5.5	8.8	10.74	1.37	0.9	11	0.09	8.7	5.49	295	1.71	0.007	16.6	0.063
RDU_SCAR_118692	87.8	0.05	15.84	0.3	5.5	9.6	10.1	1.16	1.2	9	0.11	8.2	5.81	268	1.89	0.007	16.4	0.055
RDU_SCAR_118693	79	0.08	15.24	0.17	4.8	8.7	9.44	1.03	1.1	22	0.1	7.4	5.87	240	1.71	0.008	15.1	0.054
RDU_SCAR_118694	80.6	0.08	16.14	0.24	4.4	8.8	8.38	0.97	1	20	0.1	7.5	6.29	248	1.56	0.008	14.2	0.053
RDU_SCAR_118695	147.2	0.09	16.22	0.16	3.2	6.4	7.15	0.64	0.8	28	0.06	6.1	7.46	129	0.93	0.008	9.8	0.02
RDU_SCAR_118696	98.7	0.06	17.96	0.25	4.4	8.6	8.45	0.9	1	18	0.09	7.9	7.79	230	1.84	0.009	13.4	0.05
RDU_SCAR_118697	105.8	0.07	16.88	0.2	4.8	8.9	9.68	0.99	1.1	23	0.09	8.1	6.88	253	1.81	0.008	15	0.055
RDU_SCAR_118698	63.1	0.06	18.46	0.91	3.7	9.1	10.73	0.71	0.8	41	0.06	9	8.91	209	3.51	0.008	30.5	0.087
RDU_SCAR_118699	50.8	0.05	21.61	0.61	4.5	4.9	8.52	0.78	0.9	15	0.04	6.6	5.87	237	1.5	0.005	35	0.059
RDU_SCAR_118700	46	0.02	11.64	0.14	1.5	2.4	2.72	0.3	0.3	2.5	0.03	2.5	4.69	65	0.83	0.005	6.6	0.022
RDU_SCAR_118851	111.1	0.16	10.51	0.47	10.5	10.6	15.86	1.94	1.3	30	0.12	11.5	4.11	312	1.6	0.005	30.8	0.083
RDU_SCAR_118852	100.5	0.12	13.74	0.41	8.6	9.5	12.82	1.35	1.2	26	0.08	11.3	6.21	315	1.34	0.006	26.3	0.086
RDU_SCAR_118853	236.2	0.28	2.18	1.33	15	28.8	31.5	3.36	3.5	66	0.28	22.2	1.14	438	5.71	0.003	68.2	0.19
RDU_SCAR_118854	195.6	0.23	1.14	0.8	12.4	19.9	23.47	2.83	3.1	42	0.21	17.7	0.55	416	4.43	0.001	39.9	0.119
RDU_SCAR_118855	235.5	0.28	4.67	0.77	13.7	20.6	40.86	3.01	3.4	38	0.21	13.6	1.47	1130	4.27	0.005	41	0.104
RDU_SCAR_118856	237.1	0.42	0.88	0.25	16.9	23.4	48.8	3.42	4	22	0.18	8.1	0.59	986	1.3	0.004	34	0.045
RDU_SCAR_118857	198.6	0.42	1.62	0.35	18.7	31.5	45.2	3.53	4.8	70	0.18	9.4	0.97	1432	1.92	0.005	39.3	0.055
RDU_SCAR_118858	131.7	0.2	5.96	0.87	12.9	16.5	17.62	3.15	2.2	32	0.16	13.9	3.41	469	2.67	0.003	34.5	0.15
RDU_SCAR_118859	216.9	0.53	1.69	0.35	19.2	24.4	60.15	3.49	4.2	26	0.12	9.8	1.19	1543	1.03	0.004	32.6	0.066
RDU_SCAR_118860	82.6	0.09	17.22	1.38	3.6	7.2	12.81	0.86	0.8	30	0.04	10.6	7.26	167	1.58	0.006	38.3	0.059
RDU_SCAR_118861	228.3	0.23	6.55	3.14	11.6	18.8	37.21	2.6	2.8	70	0.12	29.9	3.43	537	2.63	0.004	121.8	0.161
RDU_SCAR_118862	149.8	0.12	14.16	2.6	9.8	17.1	27.39	1.81	1.5	52	0.07	18.5	5	405	2.12	0.006	72.8	0.131
RDU_SCAR_118863	137.9	0.11	14.74	1.94	7.6	14.3	19.16	1.54	1.3	40	0.07	16.1	4.64	292	1.6	0.006	44.4	0.118
RDU_SCAR_118864	110.5	0.08	16.56	1.39	4.9	11.3	13.53	1.16	1.2	31	0.06	11.9	5.34	280	1.15	0.006	29.1	0.084
RDU_SCAR_118865	112	0.08	17.03	1.31	4.6	11.2	13.4	1.17	1	30	0.06	12.2	5.36	260	1.23	0.007	29.4	0.083
RDU_SCAR_118866	33.9	0.02	19.38	0.15	1.3	3.1	2.99	0.35	0.2	2.5	0.02	3.9	10.02	91	1.68	0.009	5.4	0.013
RDU_SCAR_119223	12	0.01	19	0.1	1	2.5	2.39	0.28	0.2	13	0.02	2	8.84	144	1.12	0.006	4.8	0.018
RDU_SCAR_119224	5.3	0.01	9.12	0.05	0.3	1.3	0.74	0.08	0.05	2.5	0.005	1.2	4.75	64	0.22	0.003	2.3	0.01
RDU_SCAR_119225	31.8	0.03	15.42	0.13	1.9	3.7	3.71	0.61	0.3	2.5	0.03	2.9	5.62	66	0.94	0.007	8.3	0.026
RDU_SCAR_119226	21.6	0.03	15.41	0.11	1.8	3.3	3.62	0.46	0.2	2.5	0.03	3	6.99	64	2.1	0.006	7.6	0.025
RDU_SCAR_119227	20.6	0.03	18.41	0.11	2.1	3.4	3.54	0.43	0.2	2.5	0.02	3	8.13	72	2.24	0.007	8.6	0.024
RDU_SCAR_119228	24.7	0.09	16.47	0.22	1.8	3.5	4.29	0.39	0.3	6	0.03	3.7	7.77	75	1.96	0.007	7.1	0.023
RDU_SCAR_119229	16.7	0.02	8.11	0.16	1	2.4	2.87	0.25	0.2	2.5	0.02	2.4	4.35	44	2.18	0.005	5.7	0.024
RDU_SCAR_119230	69.8	0.07	13.74	0.3	4.5	6.8	7.72	0.93	0.7	28	0.07	6.1	7.35	193	3.36	0.008	13.4	0.064
RDU_SCAR_119231	49.1	0.04	15.64	0.29	3.5	6.4	8.9	0.8	0.6	20	0.04	6.3	6.45	160	1.53	0.008	20	0.054
RDU_SCAR_119232	50.9	0.06	15.23	0.19	4	7.1	9.19	0.91	0.7	16	0.05	6.8	6.43	184	1.51	0.008	21.2	0.057
RDU_SCAR_120521	97.2	0.14	2.4	0.47	8.6	18.9	14.13	1.98	2.8	40	0.1	8.6	1.57	315	0.36	0.004	22.6	0.071
RDU_SCAR_120522	141.8	0.15	4.52	0.27	8.3	25.1	21.54	1.92	3.1	48	0.06	8.6	2.45	278	0.56	0.004	23.6	0.069
RDU_SCAR_120574	412.5	0.21	0.8	1.08	20.2	23.2	20.71	4	2.8	89	0.08	11.8	0.37	7183	1.34	0.002	23.6	0.116
RDU_SCAR_120575	172.2	0.2	0.63	0.63	11.7	23.7	22.47	2.87	3.5	31	0.13	11.6	0.39	942	1.39	0.001	29.1	0.09
RDU_SCAR_120576	154.5	0.18	0.49	0.57	11.7	18.9	18.68	2.62	3.1	17	0.11	10.5	0.37	786	1.17	0.0005	28.2	0.062
RDU_SCAR_120577	25.5	0.02	5.49	0.21	2	3.5	3.73	0.37	0.3	2.5	0.01	2.6	2.64	123	0.66	0.002	7.1	0.038
RDU_SCAR_120578	53.9	0.07	8.45	0.29	5	8.4	8.68	1.03	0.8	7	0.04	4.8	3.73	264	1.3	0.003	15	0.06
RDU_SCAR_120579	63.2	0.06	9.94	0.35	4.7	7.9	7.8	0.86	0.8	13	0.04	5.3	4.61	396	1.29	0.004	15.7	0.07
RDU_SCAR_120580	92.3	0.14	4.21	0.29	9.2	15.4	16.32	1.96	2	9	0.12	11.2	1.99	504	1.39	0.004	22.5	0.078
RDU_SCAR_120581	79.3	0.1	6.61	0.44	7.5	10.9	13.16	1.35	1.2	18	0.05	6.8	3.07	570	1.33	0.003	20.6	0.08

sample_number	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
RDU_SCAR_118689	8.08	0.05	0.39	2.2	0.3	262.4	0.04	1.9	0.003	0.25	2.1	25	0.05	57.7
RDU_SCAR_118690	7.26	0.05	0.33	2	0.3	242.3	0.03	1.7	0.003	0.19	1.7	19	0.05	44.7
RDU_SCAR_118691	8.04	0.05	0.32	2.2	0.3	276.5	0.07	2	0.004	0.19	1.6	19	0.05	46.8
RDU_SCAR_118692	7.38	0.03	0.31	1.9	0.7	245.5	0.07	2.1	0.005	0.22	1.7	20	0.05	46.2
RDU_SCAR_118693	6.5	0.03	0.31	1.7	0.6	215.6	0.07	1.9	0.005	0.23	1.7	19	0.05	42.1
RDU_SCAR_118694	6.5	0.03	0.33	1.5	0.7	210.7	0.04	1.8	0.005	0.22	1.8	19	0.05	39.1
RDU_SCAR_118695	5.65	0.01	0.24	1	0.4	101.2	0.05	1.3	0.005	0.21	1	9	0.05	24.2
RDU_SCAR_118696	6.92	0.01	0.35	1.6	0.5	189.4	0.1	1.7	0.005	0.22	2.1	19	0.05	39.3
RDU_SCAR_118697	7.01	0.02	0.32	1.6	0.7	198.1	0.06	1.8	0.006	0.25	2	19	0.05	44.2
RDU_SCAR_118698	7.59	0.01	0.73	1.3	0.6	89.5	0.07	1	0.004	0.54	3.8	34	0.05	82.7
RDU_SCAR_118699	5.8	0.01	0.48	1.3	0.05	69.8	0.05	1.4	0.004	0.39	2.4	22	0.05	91.9
RDU_SCAR_118700	2.27	0.01	0.18	0.5	0.05	50.7	0.03	0.5	0.002	0.11	1.3	5	0.05	16.8
RDU_SCAR_118851	15.11	0.09	0.4	2.5	0.3	173.2	0.05	3.1	0.004	0.24	2.3	20	0.05	93.8
RDU_SCAR_118852	10.95	0.04	0.39	2.1	0.3	141.4	0.04	2	0.005	0.25	2.7	18	0.05	77.9
RDU_SCAR_118853	29.17	0.09	1.02	4.2	1.5	47.3	0.03	3.4	0.005	1.18	4.3	53	0.05	261.7
RDU_SCAR_118854	22.47	0.06	0.81	3.7	1	42.6	0.01	2.9	0.003	0.56	2.9	33	0.05	160
RDU_SCAR_118855	30.21	0.07	0.79	4.1	1	123.3	0.04	3.6	0.004	0.46	2.9	29	0.05	137.8
RDU_SCAR_118856	32.82	0.04	0.4	4.3	0.4	38.6	0.03	4	0.005	0.2	1.5	23	0.05	105.5
RDU_SCAR_118857	39.43	0.03	0.49	4.1	0.4	46.4	0.04	5.1	0.005	0.24	1.8	24	0.05	126.4
RDU_SCAR_118858	21.23	0.05	0.49	3.2	0.7	64.5	0.06	3	0.004	0.41	3.6	39	0.05	163.9
RDU_SCAR_118859	45.17	0.04	0.4	4	0.5	34.6	0.06	3.9	0.005	0.19	1.6	27	0.1	108.9
RDU_SCAR_118860	6.9	0.01	0.6	1.2	0.3	82	0.05	1.3	0.004	0.44	2.3	18	0.05	143
RDU_SCAR_118861	17.2	0.03	1.33	3.1	0.7	49	0.06	2.5	0.006	1.02	4.5	48	0.05	474
RDU_SCAR_118862	12.8	0.01	0.86	3.3	0.5	86.3	0.06	2.2	0.005	0.72	3.2	34	0.05	262.6
RDU_SCAR_118863	11.64	0.01	0.69	3	0.5	83.8	0.03	2.1	0.004	0.45	2.6	27	0.05	180.6
RDU_SCAR_118864	9.05	0.01	0.51	2.1	0.4	94.5	0.04	1.7	0.005	0.3	1.9	19	0.05	121.3
RDU_SCAR_118865	8.44	0.01	0.52	2.1	0.3	99.6	0.03	1.7	0.004	0.29	1.9	19	0.05	113.7
RDU_SCAR_118866	3.19	0.01	0.23	0.6	0.2	87.3	0.03	0.5	0.003	0.11	0.9	6	0.05	13.4
RDU_SCAR_119223	5	0.01	0.35	0.3	0.1	56.1	0.05	0.2	0.0005	0.2	1.2	11	0.05	21.7
RDU_SCAR_119224	1.19	0.01	0.09	0.1	0.05	27	0.01	0.05	0.0005	0.04	0.6	4	0.05	6.7
RDU_SCAR_119225	2.82	0.01	0.22	0.7	0.2	65.1	0.03	0.6	0.002	0.18	1.2	8	0.05	20.6
RDU_SCAR_119226	2.87	0.01	0.23	0.6	0.2	54.8	0.03	0.4	0.002	0.13	1.1	5	0.05	12.8
RDU_SCAR_119227	2.92	0.01	0.21	0.7	0.2	70.9	0.05	0.4	0.001	0.14	1.2	5	0.05	13
RDU_SCAR_119228	3.35	0.01	0.29	0.9	0.3	70.3	0.01	0.7	0.002	0.19	1.5	6	0.05	21.2
RDU_SCAR_119229	2.12	0.01	0.22	0.4	0.1	38.2	0.03	0.5	0.001	0.27	1.4	8	0.05	13.9
RDU_SCAR_119230	6.41	0.06	0.29	1.1	0.2	82.4	0.01	1.2	0.002	0.31	2.5	24	0.05	38.8
RDU_SCAR_119231	6.16	0.06	0.51	1.2	0.3	71.8	0.01	1.1	0.004	0.31	2.8	20	0.05	57
RDU_SCAR_119232	6.42	0.05	0.45	1.5	0.05	79.2	0.12	1.2	0.004	0.27	2.6	21	0.05	56.3
RDU_SCAR_120521	15.91	0.05	0.17	2	0.5	42.6	0.03	2.5	0.005	0.11	0.7	15	0.05	155.1
RDU_SCAR_120522	13.5	0.04	0.25	2.4	0.9	86	0.01	1.9	0.005	0.35	1.2	18	0.05	85.6
RDU_SCAR_120574	16.62	0.16	0.3	2	2.5	30.1	0.07	1.2	0.004	0.12	0.9	19	0.05	157.1
RDU_SCAR_120575	17.32	0.06	0.45	3.3	1.1	31.7	0.07	1.8	0.003	0.14	1	29	0.05	116.7
RDU_SCAR_120576	18.14	0.04	0.37	2.5	0.7	25.6	0.04	1.8	0.003	0.12	0.7	23	0.05	104.3
RDU_SCAR_120577	2.96	0.01	0.13	0.4	0.2	19	0.01	0.3	0.002	0.08	0.7	7	0.05	28.4
RDU_SCAR_120578	7.49	0.01	0.25	0.9	0.3	39.2	0.04	0.6	0.002	0.11	1	13	0.05	51.1
RDU_SCAR_120579	6.42	0.01	0.23	0.9	0.4	40.4	0.03	0.5	0.003	0.14	1.2	14	0.05	52.9
RDU_SCAR_120580	31.9	0.01	0.29	2.3	0.4	37.4	0.04	2.2	0.003	0.14	1	19	0.05	70.1
RDU_SCAR_120581	11.14	0.02	0.23	1.3	0.5	38.8	0.02	0.8	0.003	0.13	1.1	16	0.05	71.5

sample_number	medium_code	Logged_By	Sample_Date	grid_type_code	Northing	Easting	elevation	lab_reference	Wgt_kg_WGHT	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm
RDU_SCAR_120582	Stream	MXB	25/06/2011	UTM83-8	7125331	597228	863	WHI11000456	2.51	92	0.5	6.3	1	4
RDU_SCAR_120584	Stream	MXB	25/06/2011	UTM83-8	7125188	597171	863	WHI11000456	1.89	120	0.79	5.9	1	6
RDU_SCAR_120586	Stream	MXB	25/06/2011	UTM83-8	7125178	597174	863	WHI11000456	3.27	89	1.17	6	1	6
RDU_SCAR_120588	Stream	MXB	25/06/2011	UTM83-8	7125108	597138	1273	WHI11000456	3.16	47	0.3	6.3	1	4
RDU_SCAR_120596	Stream	SP	26/06/2011	UTM83-8	7126272	588244	1372	WHI11000456	2.41	29	0.26	52.1	1	4
RDU_SCAR_120599	Stream	SP	26/06/2011	UTM83-8	7125882	588082	1278	WHI11000456	2.66	46	0.57	27.8	1	5
RDU_SCAR_120600	Stream	SP	26/06/2011	UTM83-8	7125891	588094	1277	WHI11000456	3.71	52	0.49	20.6	1	3
RDU_SCAR_121651	Stream	SD	27/06/2011	UTM83-8	7129200	596064	1471	WHI11000456	2.77	164	0.2	14.7	1	3
RDU_SCAR_121652	Stream	SD	29/06/2011	UTM83-8	7124400	592792	1328	WHI11000456	3.02	32	0.2	5.6	1	3
RDU_SCAR_121653	Stream	SD	29/06/2011	UTM83-8	7124578	592660	1241	WHI11000456	4.43	24	0.16	4.9	1	3
RDU_SCAR_121655	Stream	SD	29/06/2011	UTM83-8	7126660	599754	1207	WHI11000456	3.41	42	1.51	6.1	1	2
RDU_SCAR_121851	Stream	SP	26/06/2011	UTM83-8	7125796	587828	1243	WHI11000456	3.11	54	0.47	23.7	1	4
RDU_SCAR_121852	Stream	SP	26/06/2011	UTM83-8	7125731	587591	1213	WHI11000456	3.05	57	0.44	22	1	3
RDU_SCAR_121853	Stream	SP	26/06/2011	UTM83-8	7125675	587342	1186	WHI11000456	2.98	54	0.44	12.6	3	2
RDU_SCAR_121854	Stream	SP	26/06/2011	UTM83-8	7125627	587095	1156	WHI11000456	3.6	69	0.64	21	1	3
RDU_SCAR_121855	Stream	SP	26/06/2011	UTM83-8	7125490	586858	1118	WHI11000456	2.82	54	0.46	20.4	1	3
RDU_SCAR_121856	Stream	SP	26/06/2011	UTM83-8	7125242	586659	1084	WHI11000456	3.58	58	0.46	26.4	1	3

sample_number	Ba_ppm	Bi_ppm	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppb	K_pct	La_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct
RDU_SCAR_120582	89.5	0.1	7.99	0.5	7.6	11.2	14.17	1.57	1.3	11	0.06	7.6	3.29	560	1.51	0.003	21	0.087
RDU_SCAR_120584	138.9	0.14	9.57	0.67	8	16.3	18.52	1.59	1.9	31	0.12	11.2	3.92	724	1.79	0.005	25.8	0.089
RDU_SCAR_120586	292.8	0.19	0.84	0.37	11.9	21.6	19.51	3.05	3.5	25	0.2	13.4	0.49	372	1.26	0.002	22.8	0.07
RDU_SCAR_120588	125	0.04	12.9	1.62	3.7	8.6	9.27	0.81	0.7	25	0.05	7.5	5.12	317	1.06	0.004	36.1	0.093
RDU_SCAR_120596	39.4	0.06	18.39	0.21	4	7.5	7	0.77	0.7	17	0.05	4.2	7.11	151	1.07	0.011	12.7	0.029
RDU_SCAR_120599	72.3	0.06	14.69	0.24	11.4	12.7	15.22	2.44	1.8	15	0.08	10.8	6	517	1.01	0.009	17.1	0.072
RDU_SCAR_120600	59.9	0.06	12.78	0.23	10.4	11.9	14.65	2.22	1.7	14	0.06	9.6	5.56	501	0.93	0.008	17.1	0.069
RDU_SCAR_121651	28.9	0.17	8.27	1.97	7.7	5.5	17.49	2.84	0.8	346	0.07	4.8	4.25	849	0.98	0.005	16.4	0.076
RDU_SCAR_121652	108.2	0.07	17.12	0.16	3.5	5.6	5.89	0.67	0.5	10	0.03	4.4	7.08	121	0.89	0.008	9.5	0.02
RDU_SCAR_121653	106	0.04	19.72	0.12	2.7	4.5	4.05	0.57	0.4	6	0.03	3.9	8.09	95	0.9	0.009	7.8	0.015
RDU_SCAR_121655	259.1	0.38	0.94	0.15	18.8	28.3	35.5	3.47	5	13	0.13	5	0.86	1651	0.64	0.007	31.4	0.035
RDU_SCAR_121851	78	0.06	15.4	0.29	8.3	11	13.43	1.73	1.5	16	0.05	7.6	6.25	476	0.8	0.009	14.6	0.058
RDU_SCAR_121852	84	0.06	10.95	0.28	7.2	10.6	13.2	1.56	1.4	25	0.04	6.4	4.69	350	0.74	0.007	13.7	0.054
RDU_SCAR_121853	80.8	0.06	8.96	0.27	6.7	9.5	12.74	1.4	1.3	30	0.05	5.3	3.83	306	0.66	0.007	12.9	0.042
RDU_SCAR_121854	113.7	0.08	10.85	0.31	7.9	13.6	15.37	1.66	1.8	35	0.06	7.5	4.52	360	0.78	0.01	15.9	0.064
RDU_SCAR_121855	96.5	0.07	12.78	0.26	6.1	10.5	12.44	1.3	1.4	33	0.05	5.4	5.58	286	0.66	0.009	13.8	0.049
RDU_SCAR_121856	103.3	0.1	13.34	0.28	5.6	10.3	13.2	1.19	1.4	28	0.06	6.7	6.03	250	0.66	0.01	13.5	0.046

sample_number	Pb_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
RDU_SCAR_120582	10.7	0.03	0.25	1.6	0.5	50.7	0.04	1	0.003	0.16	1.1	17	0.05	73.3
RDU_SCAR_120584	16.11	0.05	0.37	2.1	1.1	70.1	0.03	1.3	0.004	0.24	1.7	23	0.05	91.4
RDU_SCAR_120586	17.26	0.06	0.28	3.3	1	26.7	0.02	3.2	0.004	0.16	0.9	26	0.05	107.9
RDU_SCAR_120588	5.82	0.01	0.34	1.1	0.4	53.7	0.02	0.7	0.003	0.3	1.7	20	0.05	151.3
RDU_SCAR_120596	4.93	0.01	0.25	0.9	0.2	113.2	0.04	0.7	0.003	0.23	1.3	12	0.05	26.7
RDU_SCAR_120599	8.58	0.02	0.3	3.5	0.3	89.7	0.04	1.4	0.01	0.38	0.7	36	0.05	39.4
RDU_SCAR_120600	8.39	0.02	0.28	3.2	0.3	80.9	0.04	1.2	0.008	0.22	0.6	33	0.05	39.8
RDU_SCAR_121651	178.95	0.06	1.39	2.2	0.3	56.2	0.02	2.4	0.001	0.72	1.8	8	0.05	963.6
RDU_SCAR_121652	3.81	0.01	0.24	1	0.2	88.1	0.04	0.8	0.003	0.15	0.6	8	0.05	18.7
RDU_SCAR_121653	3.3	0.01	0.2	0.8	0.1	100.6	0.01	0.8	0.003	0.07	0.7	7	0.05	15.1
RDU_SCAR_121655	20.37	0.01	0.23	3.6	0.1	27.9	0.02	4.3	0.004	0.1	0.9	22	0.05	89.5
RDU_SCAR_121851	7.49	0.01	0.29	2.5	0.3	96.6	0.04	1.1	0.009	0.29	0.8	28	0.05	39.6
RDU_SCAR_121852	7.6	0.01	0.35	2.1	0.3	79.7	0.03	1	0.008	0.21	0.7	23	0.05	44.9
RDU_SCAR_121853	9.95	0.01	0.6	1.9	0.1	71.8	0.03	1.4	0.014	0.11	0.5	19	0.05	48.9
RDU_SCAR_121854	10.9	0.01	0.56	2.4	0.3	88.6	0.04	1.9	0.017	0.2	0.7	26	0.1	58.5
RDU_SCAR_121855	9.6	0.01	0.49	1.8	0.3	97.5	0.03	1.4	0.011	0.29	0.6	20	0.05	49
RDU_SCAR_121856	10.74	0.01	0.47	1.8	0.4	110.7	0.03	1.4	0.012	0.37	0.9	21	0.05	50.1

APPENDIX E

Geochemical Statistics

RACKLA METALS INC. Car-Lin Property
Percentiles for selected elements

Rock

Percentile	Ag_Rock	As_Rock	Au_Rock	Cu_Rock	Hg_Rock	Pb_Rock	Th_Rock	Zn_Rock	Tl_Rock
	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
30	0.05	3.06	1	1.5	0.014	7.58	0.2	85.4	0.3
60	0.05	13.18	1	6.4	0.142	42.3	0.4	2196.2	1.5
80	0.24	25.9	1	56.48	1.086	1244.12	1.94	12796.2	7.2
90	15.42	37.94	3.2	436.84	50	37080	2.68	67500	16.3
95	78.2	85.03	5	666.68	50	79320	3.6	251220	36.9
98	122.48	309.22	6.44	1006.076	50	89892	5.496	263796	60.8
99	161.24	467.11	8.72	1016.488	50	94946	5.648	270598	82.2
100	200	625	11	1026.9	50	100000	5.8	277400	103.7

Stream

Percentile	Ag_Stream	As_Stream	Au_Stream	Cu_Stream	Hg_Stream	Pb_Stream	Th_Stream	Zn_Stream	Tl_Stream
	ppm	ppm	ppb	ppm	ppb	ppm	ppm	ppm	ppm
30	36	6.1	1	7.72	13	5.65	0.9	39.3	0.16
60	60	10.4	1	14.65	26	10.7	1.7	91.9	0.24
80	93	16.7	1	24.24	38	19.11	2.5	128.9	0.39
90	130	22.6	1	32.35	49	29.29	3.4	163.9	0.54
95	159	29.95	1	40.83	69.5	38.79	4.25	266.55	0.72
98	194.8	44.3	3	45.32	86.2	42.858	5.1	493.64	0.84
99	218	51.48	3	48.455	90.8	44.945	5.28	547.07	1.00
100	245	69.5	4	60.15	346	178.95	5.4	963.6	1.18

Soil

Percentile	Ag_Soil	As_Soil	Au_Soil	Cu_Soil	Hg_Soil	Pb_Soil	Th_Soil	Zn_Soil	Tl_Soil
	ppb	ppm	ppb	ppm	ppb	ppm	ppm	ppm	ppm
30	54	7	0.7	13.23	28	15.95	1.1	76.9	0.15
60	107	11.4	1.4	21.24	54	27.41	2.3	109.9	0.24
80	159	16.9	2.3	29.61	109	48.2	3.5	195.4	0.40
90	232	27.4	3.3	35.94	289	103.74	4.4	468.2	0.76
95	315.5	39.85	5	42.5	647.5	265.97	5.4	1276.4	1.19
98	539.6	66.44	6.9	52.644	2395.4	624.1	6.3	2862.62	2.91
99	707	100.15	7.84	64.8	4213.7	1097.729	7.61	4209.12	6.65
100	2122	403.9	39.3	162.33	50000	10000	17.7	21700	74.49

BLEG

Percentile	Ag_ppb	Au_ppb	Cu_ppm	Pb_ppm	Zn_ppm
30	27.6	3.28	2.709	0.401	5.813
60	33.82	3.6	6.306	0.578	7.222
80	35.7	3.76	7.732	0.704	9.392
90	38.42	5.92	7.888	0.767	16.21
95	40.31	7.51	7.944	0.7985	22.545
100	42.2	9.1	8	0.83	28.88

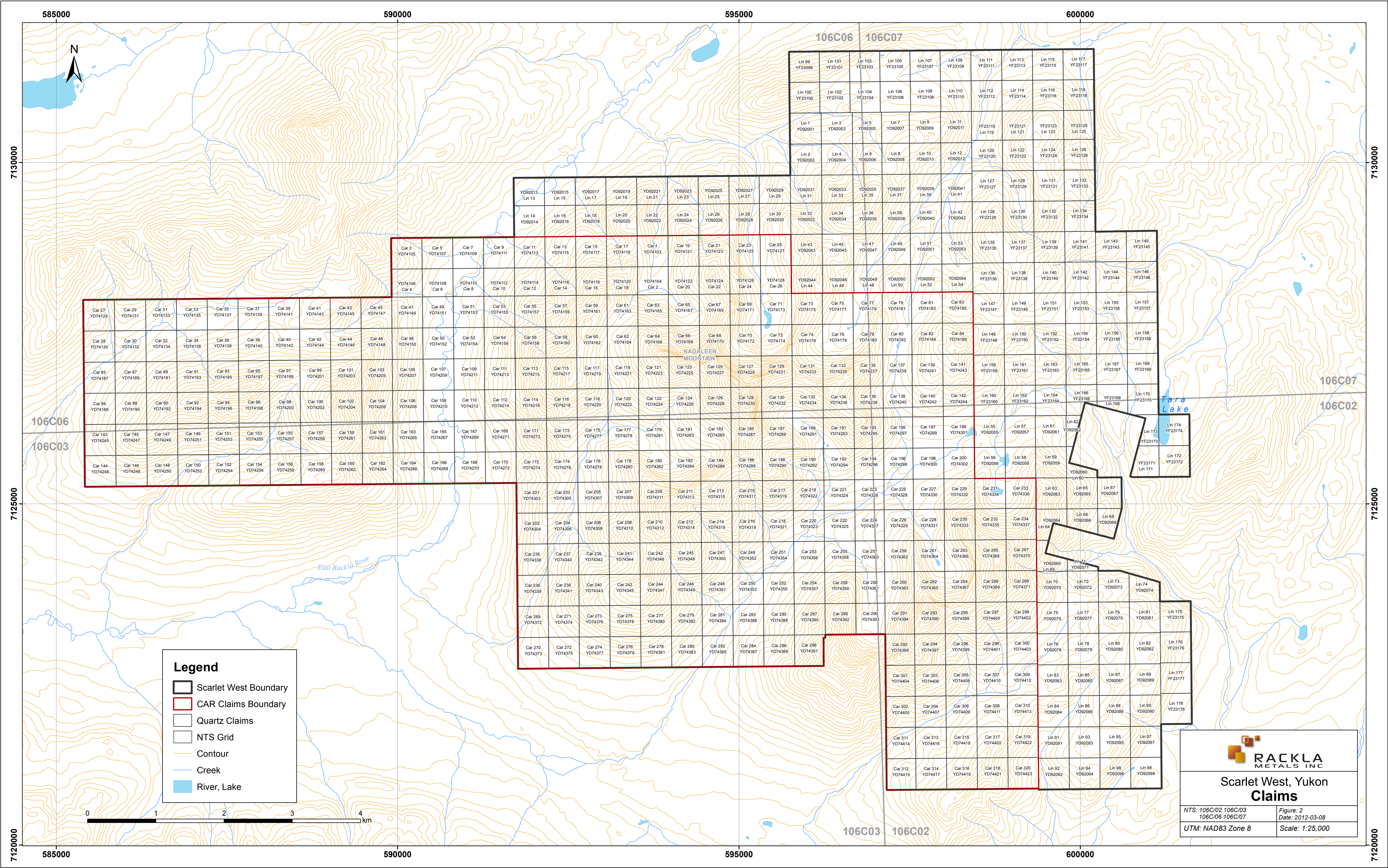
	RACKLA METALS INC.																	
	Scarlet West Property (CAR Claims) - 2011 Soil Geochemistry Descriptive Statistics																	
	<i>Ag_ppb</i>	<i>Al_pct</i>	<i>As_ppm</i>	<i>Au_ppb</i>	<i>B_ppm</i>	<i>Ba_ppm</i>	<i>Be_ppm</i>	<i>Bi_ppm</i>	<i>Ca_pct</i>	<i>Cd_ppm</i>	<i>Ce_ppm</i>	<i>Co_ppm</i>	<i>Cr_ppm</i>	<i>Cs_ppm</i>	<i>Cu_ppm</i>	<i>Fe_pct</i>	<i>Ga_ppm</i>	<i>Ge_ppm</i>
Mean	123.10	1.09	15.41	1.63	4.18	130.30	0.80	0.23	4.95	0.88	25.98	10.25	21.22	1.98	20.82	2.90	3.29	0.06
Standard Error	4.73	0.02	0.84	0.06	0.07	3.30	0.01	0.00	0.18	0.12	0.43	0.29	0.32	0.07	0.42	0.07	0.06	0.00
Median	87	1.1	9.9	1.1	4	108.6	0.8	0.22	1.79	0.28	23.6	9.3	20.7	1.46	17.92	2.66	3.1	0.05
Mode	71	1.28	9.3	0.1	2	110.6	0.8	0.21	0.03	0.17	20.8	10.9	25.1	0.73	16.26	2.5	2.1	0.05
Standard Deviation	159.04	0.56	28.36	2.16	2.52	111.13	0.41	0.13	6.00	3.92	14.49	9.91	10.89	2.22	14.06	2.20	1.90	0.13
Sample Variance	25292.51	0.31	804.36	4.67	6.34	12349.59	0.16	0.02	36.03	15.33	209.83	98.28	118.63	4.91	197.59	4.82	3.61	0.02
Kurtosis	52.00	-0.47	104.65	95.59	1.53	30.14	1.48	9.88	0.80	423.91	0.98	238.95	-0.33	142.50	17.22	48.08	-0.63	871.14
Skewness	5.93	0.12	9.24	7.22	1.12	4.44	0.69	1.54	1.33	18.19	0.84	12.77	0.37	8.62	2.78	5.50	0.34	28.29
Range	2117	3.36	403.6	39.2	15.5	1223.4	3.05	1.5	27.89	102.31	96.9	215.4	55.4	45.7	161.81	31.32	8.95	4.15
Minimum	5	0.01	0.3	0.1	0.5	7.4	0.05	0.01	0.01	0.01	1.6	0.2	1.1	0.01	0.52	0.11	0.05	0.05
Maximum	2122	3.37	403.9	39.3	16	1230.8	3.1	1.51	27.9	102.32	98.5	215.6	56.5	45.71	162.33	31.43	9	4.2
Sum	139222	1231.32	17427.8	1843.6	4724	147369.7	909.7	256.14	5594.24	999.31	29387.4	11594.2	23995.4	2236.52	23548.3	3276.13	3719.65	65.5
Count	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131
Largest(1)	2122	3.37	403.9	39.3	16	1230.8	3.1	1.51	27.9	102.32	98.5	215.6	56.5	45.71	162.33	31.43	9	4.2
Smallest(1)	5	0.01	0.3	0.1	0.5	7.4	0.05	0.01	0.01	0.01	1.6	0.2	1.1	0.01	0.52	0.11	0.05	0.05
Confidence Level(95.0%)	9.28	0.03	1.65	0.13	0.15	6.48	0.02	0.01	0.35	0.23	0.85	0.58	0.64	0.13	0.82	0.13	0.11	0.01

	Hf_ppm	Hg_ppb	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppb
Mean	0.06	370.43	0.03	0.11	12.26	14.77	2.28	772.04	1.74	0.01	0.31	23.90	0.09	85.64	5.42	1.03	9.66	0.76
Standard Error	0.00	91.53	0.00	0.00	0.20	0.38	0.08	29.36	0.09	0.00	0.01	0.54	0.00	12.98	0.07	0.01	0.15	0.02
Median	0.05	44	0.03	0.1	11.1	11.3	0.88	432	1.12	0.005	0.29	21.9	0.074	22.49	5	1	9.4	0.5
Mode	0.01	2.5	0.03	0.1	9.5	2.4	0.26	456	1.16	0.003	0.3	22.4	0.066	7.71	5	1	9.3	0.5
Standard Deviation	0.05	3078.03	0.06	0.06	6.72	12.86	2.72	987.51	3.00	0.00	0.20	18.22	0.07	436.46	2.33	0.30	4.93	0.66
Sample Variance	0.00	9474283.44	0.00	0.00	45.19	165.38	7.41	975168.23	8.97	0.00	0.04	331.97	0.01	190499.28	5.41	0.09	24.33	0.44
Kurtosis	1.84	238.68	683.67	25.81	0.29	2.23	0.80	25.38	94.81	35.49	2.25	67.68	68.68	316.99	48.73	470.18	-0.09	18.07
Skewness	1.23	15.12	24.73	2.52	0.82	1.47	1.41	4.17	8.54	2.99	1.06	6.48	6.88	16.19	6.60	19.07	0.32	3.69
Range	0.31	49997.5	1.85	0.915	39	87	11.18	9937	45.4	0.0505	1.55	275.7	1.022	9998.79	25	8	29.25	6.5
Minimum	0.01	2.5	0.01	0.005	1.1	0.2	0.04	63	0.12	0.0005	0.01	1	0.007	1.21	5	1	0.05	0.5
Maximum	0.32	50000	1.86	0.92	40.1	87.2	11.22	10000	45.52	0.051	1.56	276.7	1.029	10000	30	9	29.3	7
Sum	66.07	418954.5	33.95	119.25	13871.7	16700.5	2579.92	873175	1965.57	5.673	347.82	27035.5	98.729	96857.69	6120	1166	10924.95	855.5
Count	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1130	1131	1131	1131
Largest(1)	0.32	50000	1.86	0.92	40.1	87.2	11.22	10000	45.52	0.051	1.56	276.7	1.029	10000	30	9	29.3	7
Smallest(1)	0.01	2.5	0.01	0.005	1.1	0.2	0.04	63	0.12	0.0005	0.01	1	0.007	1.21	5	1	0.05	0.5
Confidence Level(95.0%)	0.00	179.58	0.00	0.00	0.39	0.75	0.16	57.61	0.17	0.00	0.01	1.06	0.00	25.46	0.14	0.02	0.29	0.04

	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm
Mean	0.06	0.90	2.81	0.50	1.43	63.57	0.02	0.04	2.23	0.01	0.61	2.09	29.44	0.07	10.50	316.46
Standard Error	0.00	0.07	0.05	0.01	0.05	3.26	0.00	0.00	0.05	0.00	0.10	0.08	0.51	0.00	0.17	28.62
Median	0.04	0.5	2.7	0.4	1	41.2	0.025	0.03	1.9	0.004	0.2	1.3	27	0.05	10.18	96.5
Mode	0.01	0.33	2.7	0.3	0.9	42.9	0.025	0.01	1.6	0.004	0.13	0.8	21	0.05	10.63	10000
Standard Deviation	0.09	2.27	1.65	0.36	1.60	109.54	0.00	0.03	1.71	0.00	3.40	2.82	17.31	0.04	5.88	962.64
Sample Variance	0.01	5.15	2.74	0.13	2.57	11998.32	0.00	0.00	2.93	0.00	11.54	7.96	299.73	0.00	34.52	926681.99
Kurtosis	250.47	259.84	2.70	23.37	102.17	63.98	-2.00	6.44	7.06	12.85	278.47	84.91	14.51	6.59	12.70	62.15
Skewness	14.00	13.77	1.03	3.15	7.77	6.89	1.00	1.83	1.68	2.70	15.62	7.54	2.44	2.65	2.09	7.29
Range	1.91	51.48	13	4.75	29.15	1634.9	0	0.22	17.65	0.0415	74.46	42.3	183	0.25	65.98	9997.6
Minimum	0.01	0.04	0.2	0.05	0.05	3.7	0.025	0.01	0.05	0.0005	0.03	0.2	1	0.05	1.4	2.4
Maximum	1.92	51.52	13.2	4.8	29.2	1638.6	0.025	0.23	17.7	0.042	74.49	42.5	184	0.3	67.38	10000
Sum	63.27	1016.51	3180.2	570.65	1622.15	71896	28.275	41.22	2519.25	5.984	693.71	2358.4	33293	76.75	11877.96	357921.2
Count	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131
Largest(1)	1.92	51.52	13.2	4.8	29.2	1638.6	0.025	0.23	17.7	0.042	74.49	42.5	184	0.3	67.38	10000
Smallest(1)	0.01	0.04	0.2	0.05	0.05	3.7	0.025	0.01	0.05	0.0005	0.03	0.2	1	0.05	1.4	2.4
Confidence Level(95.0%)	0.01	0.13	0.10	0.02	0.09	6.39	0.00	0.00	0.10	0.00	0.20	0.16	1.01	0.00	0.34	56.16

	Rackla Metals Inc. - Scarlet West Property																										
	2011 Soil Samples - Element Correlation																										
	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppb	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm
Ag_ppb	1.00																										
Al_pct	-0.11	1.00																									
As_ppm	0.36	-0.08	1.00																								
Au_ppb	0.01	0.29	0.00	1.00																							
B_ppm	0.01	-0.06	0.04	0.03	1.00																						
Ba_ppm	0.00	0.29	0.05	0.06	0.15	1.00																					
Be_ppm	-0.01	0.63	0.05	0.18	0.26	0.36	1.00																				
Bi_ppm	-0.04	0.58	0.06	0.15	-0.14	0.19	0.51	1.00																			
Ca_pct	-0.03	-0.72	0.08	-0.24	-0.02	-0.27	-0.57	-0.67	1.00																		
Cd_ppm	0.16	-0.14	0.08	-0.04	-0.07	-0.01	-0.10	-0.13	0.11	1.00																	
Ce_ppm	-0.06	0.52	-0.02	0.30	0.40	0.27	0.54	0.15	-0.43	-0.13	1.00																
Co_ppm	0.05	0.38	0.06	0.05	0.01	0.18	0.54	0.42	-0.34	-0.06	0.21	1.00															
Cr_ppm	-0.12	0.87	-0.10	0.39	0.01	0.25	0.57	0.46	-0.66	-0.16	0.58	0.30	1.00														
Cs_ppm	0.05	0.20	0.11	0.01	0.10	0.04	0.29	0.41	-0.28	-0.09	0.08	0.28	0.22	1.00													
Cu_ppm	0.09	0.48	0.08	0.28	0.03	0.21	0.57	0.64	-0.47	-0.11	0.29	0.57	0.51	0.34	1.00												
Fe_pct	0.34	0.21	0.27	0.02	-0.11	0.11	0.25	0.24	-0.31	0.34	0.02	0.24	0.12	0.09	0.20	1.00											
Ga_ppm	-0.15	0.91	-0.07	0.27	-0.16	0.22	0.53	0.65	-0.73	-0.12	0.42	0.33	0.82	0.26	0.45	0.22	1.00										
Ge_ppm	0.06	-0.10	0.04	-0.03	-0.07	-0.05	-0.08	-0.09	0.04	0.28	-0.08	-0.05	-0.09	-0.05	-0.07	0.32	-0.07	1.00									
Hf_ppm	0.02	0.35	-0.01	0.26	0.41	0.21	0.53	0.09	-0.26	-0.10	0.56	0.18	0.45	0.06	0.36	0.01	0.24	-0.06	1.00								
Hg_ppb	0.23	-0.10	0.18	-0.01	-0.05	-0.06	-0.04	-0.10	0.08	0.09	-0.12	-0.03	-0.11	-0.05	-0.06	0.09	-0.10	0.04	-0.07	1.00							
In_ppm	0.06	0.12	0.32	0.03	-0.02	0.22	0.13	0.13	-0.15	-0.02	0.09	0.10	0.11	0.03	0.12	0.37	0.13	0.02	0.05	-0.02	1.00						
K_pct	-0.03	0.27	0.08	0.11	0.61	0.15	0.50	0.28	-0.35	-0.16	0.46	0.28	0.25	0.23	0.29	0.04	0.24	-0.09	0.43	-0.10	0.03	1.00					
La_ppm	-0.06	0.46	-0.05	0.35	0.41	0.24	0.45	0.02	-0.35	-0.11	0.93	0.08	0.57	0.01	0.23	-0.03	0.35	-0.07	0.58	-0.10	0.05	0.38	1.00				
Li_ppm	-0.14	0.79	-0.15	0.41	-0.04	0.19	0.55	0.42	-0.54	-0.13	0.50	0.37	0.83	0.16	0.55	0.10	0.73	-0.06	0.49	-0.09	0.08	0.20	0.48	1.00			
Mg_pct	0.00	-0.65	0.02	-0.16	-0.17	-0.30	-0.61	-0.66	0.82	0.15	-0.48	-0.36	-0.56	-0.30	-0.47	-0.29	-0.66	0.06	-0.32	0.14	-0.16	-0.50	-0.37	-0.42	1.00		
Mn_ppm	0.21	0.13	0.19	-0.04	-0.25	0.24	0.18	0.25	-0.11	0.29	-0.13	0.29	0.00	0.02	0.18	0.54	0.12	0.10	-0.20	0.10	0.40	-0.18	-0.18	0.01	-0.04	1.00	
Mo_ppm	0.25	-0.14	0.32	-0.05	0.15	-0.03	-0.06	-0.10	0.12	0.01	-0.05	0.02	-0.12	-0.02	-0.07	0.09	-0.14	0.11	-0.03	0.01	-0.02	0.10	-0.07	-0.20	0.12	-0.01	1.00
Na_pct	0.12	-0.49	0.21	-0.10	0.10	-0.09	-0.39	-0.41	0.55	0.12	-0.31	-0.18	-0.43	-0.17	-0.26	-0.16	-0.53	0.03	-0.21	0.04	-0.11	-0.07	-0.23	-0.39	0.58	0.00	0.20
Nb_ppm	-0.10	0.62	-0.05	0.06	-0.02	0.21	0.28	0.38	-0.53	-0.11	0.30	0.11	0.49	0.10	0.11	0.11	0.67	-0.08	0.03	-0.11	0.07	0.13	0.28	0.27	-0.52	0.01	-0.05
Ni_ppm	0.03	0.28	0.27	0.05	0.20	0.18	0.52	0.24	-0.11	-0.06	0.37	0.66	0.24	0.21	0.46	0.11	0.18	-0.07	0.39	-0.04	0.08	0.30	0.29	0.26	-0.28	0.02	0.16
P_pct	0.21	0.05	0.12	-0.02	0.20	0.08	0.05	-0.05	-0.03	0.05	0.08	0.00	0.02	0.05	-0.02	0.06	-0.04	0.02	0.06	0.04	0.03	0.07	0.13	-0.12	-0.04	0.14	0.24
Pb_ppm	0.16	-0.11	0.06	-0.03	-0.10	-0.01	-0.10	-0.09	0.06	0.72	-0.13	-0.06	-0.13	-0.07	-0.09	0.33	-0.09	0.33	-0.09	0.11	-0.02	-0.14	-0.11	-0.10	0.11	0.21	0.03
Pd_ppb	0.06	0.03	0.25	0.00	0.01	0.04	0.12	0.01	0.10	0.11	0.08	0.15	-0.02	0.00	0.10	0.06	-0.01	0.21	0.09	-0.01	0.00	0.03	0.07	-0.02	-0.01	0.05	0.13
Pt_ppb	0.03	-0.03	0.10	0.02	-0.03	0.01	0.03	0.03	0.05	0.00	0.04	0.01	-0.04	0.02	0.05	-0.02	-0.01	0.02	0.01	0.38	0.00	-0.03	0.02	-0.04	0.03	0.01	0.01
Rb_ppm	-0.13	0.67	-0.09	0.13	0.20	0.21	0.57	0.59	-0.69	-0.18	0.41	0.32	0.57	0.44	0.35	0.14	0.72	-0.10	0.23	-0.12	0.08	0.64	0.29	0.44	-0.72	0.00	-0.09
Re_ppb	0.16	-0.16	0.20	-0.06	0.18	-0.03	-0.04	-0.12	0.16	0.04	-0.04	0.06	-0.14	0.05	0.00	0.01	-0.18	0.00	0.01	0.11	-0.02	0.03	-0.04	-0.14	0.14	-0.05	0.28
S_pct	0.40	-0.09	0.24	0.03	0.11	0.04	-0.01	-0.02	-0.07	0.18	0.00	0.01	-0.09	-0.03	0.01	0.32	-0.09	0.18	0.06	0.01	0.03	0.23	0.00	-0.09	-0.07	0.07	0.21
Sb_ppm	0.50	-0.07	0.48	-0.02	-0.04	0.24	-0.03	-0.02	0.05	0.09	-0.08	0.01	-0.10	-0.01	0.00	0.25	-0.09	0.10	-0.10	0.22	0.21	-0.11	-0.09	-0.13	0.06	0.24	0.15
Sc_ppm	0.05	0.52	0.03	0.27	0.22	0.26	0.68	0.38	-0.47	-0.11	0.56	0.48	0.60	0.25	0.65	0.23	0.43	-0.08	0.59	-0.05	0.14	0.44	0.52	0.58	-0.51	0.00	-0.06
Se_ppm	0.38	0.07	0.18	0.20	0.23	0.15	0.17	-0.04	-0.16	0.11	0.24	0.11	0.25	0.08	0.27	0.16	0.03	0.03	0.33	0.17	0.13	0.07	0.28	0.13	-0.13	0.04	0.10
Sn_ppm	0.04	0.02	-0.01	0.00	0.07	0.03	0.08	0.14	-0.09	-0.04	0.02	0.09	0.08	0.45	0.10	-0.01	0.07	-0.03	-0.03	0.00	0.00	0.08	0.01	0.02	-0.08	0.03	-0.01
Sr_ppm	-0.01	-0.27	0.02	-0.06	0.30	-0.03	-0.07	-0.27	0.40	-0.02	-0.01	-0.05	-0.22	-0.06	-0.13	-0.12	-0.30	0.00	0.07	0.02	-0.02	0.10	-0.01	-0.18	0.08	-0.12	0.15
Ta_ppm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Te_ppm	0.10	0.03	0.28	-0.09	-0.06	0.01	0.08	0.28	-0.01	-0.04	-0.07	0.13	-0.06	0.20	0.14	0.11	0.06	-0.04	-0.10	-0.02	0.10	0.09	-0.12	-0.12	-0.13	0.09	0.18
Th_ppm	-0.10	0.48	0.00	0.25	0.07	0.16	0.58	0.46	-0.40	-0.12	0.49	0.43	0.53	0.26	0.56	0.16	0.47	-0.06	0.51	-0.08	0.08	0.40	0.40	0.61	-0.44	0.00	-0.08
Ti_pct	-0.07	0.38	0.03	0.10	-0.25	0.12	0.00	0.20	-0.21	-0.05	0.12	0.03	0.31	0.09	0.06	0.03	0.45	-0.05	-0.17	-0.05	0.06	-0.19	0.14	0.14	-0.16	0.12	-0.03

	Na_pct	Nb_ppm	Ni_ppm	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppb	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm		
Ag_ppb																												
Al_pct																												
As_ppm																												
Au_ppb																												
B_ppm																												
Ba_ppm																												
Be_ppm																												
Bi_ppm																												
Ca_pct																												
Cd_ppm																												
Ce_ppm																												
Co_ppm																												
Cr_ppm																												
Cs_ppm																												
Cu_ppm																												
Fe_pct																												
Ga_ppm																												
Ge_ppm																												
Hf_ppm																												
Hg_ppb																												
In_ppm																												
K_pct																												
La_ppm																												
Li_ppm																												
Mg_pct																												
Mn_ppm																												
Mo_ppm																												
Na_pct	1.00																											
Nb_ppm	-0.32	1.00																										
Ni_ppm	-0.14	0.05	1.00																									
P_pct	0.17	0.04	0.10	1.00																								
Pb_ppm	0.07	-0.09	-0.09	0.06	1.00																							
Pd_ppb	0.00	-0.01	0.50	0.06	0.03	1.00																						
Pt_ppb	0.00	-0.01	0.12	0.01	-0.01	0.15	1.00																					
Rb_ppm	-0.47	0.52	0.18	0.00	-0.15	-0.04	-0.05	1.00																				
Re_ppb	0.13	-0.13	0.17	0.14	0.03	0.04	0.04	-0.08	1.00																			
S_pct	0.28	-0.03	-0.03	0.17	0.16	0.00	-0.02	-0.05	0.05	1.00																		
Sb_ppm	0.12	-0.06	0.03	0.11	0.09	0.09	0.00	-0.14	0.14	0.12	1.00																	
Sc_ppm	-0.32	0.16	0.46	-0.07	-0.09	0.07	0.06	0.41	-0.01	-0.01	-0.04	1.00																
Se_ppm	0.04	0.04	0.16	0.19	0.08	0.07	0.10	-0.01	0.20	0.19	0.19	0.30	1.00															
Sn_ppm	-0.01	0.02	0.02	0.06	-0.04	0.00	0.04	0.15	0.05	0.00	0.00	0.02	0.08	1.00														
Sr_ppm	0.19	-0.21	0.02	0.00	-0.03	0.01	0.00	-0.17	0.05	-0.02	0.01	0.00	-0.01	-0.06	1.00													
Ta_ppm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00												
Te_ppm	0.01	0.12	0.27	0.13	-0.06	0.15	0.07	0.12	0.16	0.08	0.07	0.03	0.02	0.00	-0.01	0.00	1.00											
Th_ppm	-0.34	0.07	0.47	-0.15	-0.10	0.11	0.07	0.40	-0.03	-0.10	-0.11	0.70	0.07	0.02	-0.04	0.00	0.07	1.00										
Ti_pct	-0.08	0.62	0.04	0.08	-0.03	0.07	0.08	0.16	-0.07	-0.13	0.04	0.02	0.00	0.00	-0.19	0.00	0.17	0.06	1.00									
Tl_ppm	0.07	-0.13	-0.08	0.05	0.24	0.09	0.00	-0.17	0.04	0.64	0.15	-0.13	-0.01	-0.04	0.02	0.00	0.00	-0.10	-0.09	1.00								
U_ppm	0.16	-0.03	0.19	0.57	0.00	0.10	0.01	-0.12	0.24	0.11	0.06	-0.04	0.20	0.00	0.02	0.00	0.11	-0.09	0.03	0.07	1.00							
V_ppm	-0.16	0.55	0.35	0.29	-0.11	0.18	0.03	0.36	0.10	-0.07	0.07	0.13	0.09	0.00	-0.16	0.00	0.33	0.11	0.46	-0.12	0.37	1.00						
W_ppm	-0.10	0.47	0.01	0.05	-0.01	0.03	0.00	0.18	-0.06	-0.09	0.16	-0.03	-0.10	0.01	-0.13	0.00	0.24	0.05	0.58	-0.04	0.01	0.36	1.00					
Y_ppm	-0.05	0.02	0.57	0.35	-0.05	0.22	0.05	0.06	0.10	0.08	0.13	0.56	0.36	0.00	0.03	0.00	0.03	0.29	-0.02	-0.08	0.18	0.11	-0.13	1.00				
Zn_ppm	0.11	-0.14	-0.11	0.07	0.63	0.10	-0.01	-0.23	-0.01	0.14	0.15	-0.15	0.12	-0.05	-0.03	0.00	-0.06	-0.15	-0.05	0.29	0.01	-0.16	-0.03	-0.06	1.00			
Zr_ppm	-0.17	-0.03	0.47	-0.01	-0.10	0.15	0.05	0.18	0.04	0.03	-0.11	0.58	0.26	-0.03	0.22	0.00	-0.06	0.58	-0.17	-0.08	0.07	0.02	-0.27	0.48	-0.15	1.00		



Legend

Scarlet West Boundary

CAR Claims Boundary

Quartz Claims

NTS Grid

Contour

Creek

River, Lake

RACKLA
METALS INC

Scarlet West, Yukon
Claims

NTS: 106C/02 106C/03
106C/06 106C/07

Figure: 2
Date: 2012-03-08

UTM: NAD83 Zone 8

Scale: 1:25,000

