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ASSESSMENT REPORT

describing

**REVERSE CIRCULATION PERCUSSION DRILLING
AND SOIL GEOCHEMICAL SAMPLING**

at the

MOUNT HINTON PROPERTY

Granite 1-23	YC11769-YC11791
Hinton 1-34	YC00401-YC00434
35	YC01091
Hinton II 1-26	YC01126-YC01151
Hinton III 1-14	YC01152-YC01165
Hinton IV 1-6	YC01424-YC01429
Hinton V 1-7	YC01417-YC01423
Key 1-18	YC10609-YC10626
27-50	YC10627-YC10650
57-82	YC10651-YC10676
89-92	YC10677-YC10680
100-104	YC10693-YC10697
Lock 1-64	YC32229-YC32292
Moon 1-12	YC10957-YC10968
Red 1-9	YC10948-YC10956
Jen 1-85	YC68019-YC86103

NTS 105M/14

Latitude 62°52'N; Longitude 135°07'W

in the

Mayo Mining District
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

MILL CITY GOLD CORP

and

ROCKHAVEN RESOURCES LTD.

By

R. Phillips, B.Sc.
December 2011

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INTRODUCTION

The Mount Hinton property hosts an extensive system of gold- and silver-bearing quartz veins. The property lies within the Keno Hill Mining Camp of central Yukon. Mill City Gold Corp. can earn a 100% interest in the property subject to a sub-option agreement with Rockhaven Resources Ltd.

This report describes work conducted between July 26 and August 27, 2011 by Archer, Cathro & Associates (1981) Limited on behalf of Mill City. The work consisted of reverse circulation percussion drilling and soil geochemical sampling done by a crew of up to 8 people from a tent frame camp located on the property. The author participated in and interpreted all results from this project and his Statement of Qualifications appears in Appendix I.

PROPERTY LOCATION AND ACCESS

The Mount Hinton property consists of 358 mineral claims located southeast of the community of Keno City in central Yukon Territory, at latitude 62°52' north and longitude 135°07' west on NTS map sheet 105M/14 (Figure 1). The claims were staked under the Yukon Quartz Mining Act and are registered in the Mayo Mining District in the name of Richard A. Ewing, who owns the claims and holds them in trust for Rockhaven until and underlying option is completed. Specifics concerning claim registration are tabulated below, while the locations of individual claims are shown on Figure 2.

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
Granite 1-23	YC11769-YC11791	November 1, 2018
Hinton 1-34	YC00401-YC00434	November 1, 2018
35	YC01091	November 1, 2018
Hinton II 1-26	YC01126-YC0115	November 1, 2018
Hinton III 1-14	YC01152-YC01165	November 1, 2018
Hinton IV 1-6	YC01424 YC01429	November 1, 2018
Hinton V 1-7	YC01417-YC01423	November 1, 2018
Key 1-18	YC10609-YC10626	November 1, 2018
27-50	YC10627-YC10650	November 1, 2018
57-82	YC10651-YC10676	November 1, 2018
89-92	YC10677-YC10680	November 1, 2018
100-104	YC10693-YC10697	November 1, 2018
Lock 1-64	YC32229-YC32292	November 1, 2018
Moon 1-12	YC10957-YC10968	November 1, 2018
Red 1-9	YC10948-YC10956	November 1, 2018
Jen 1-85	YC68019-YC86103	November 1, 2018

* Expiry dates include 2011 work which has been filed for assessment credit but not yet accepted.

Claims comprising the Mount Hinton property have only been partially surveyed. The author

**MILL CITY GOLD CORP.
ROCKHAVEN RESOURCES LIMITED**

FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**PROPERTY LOCATION
MOUNT HINTON PROPERTY**

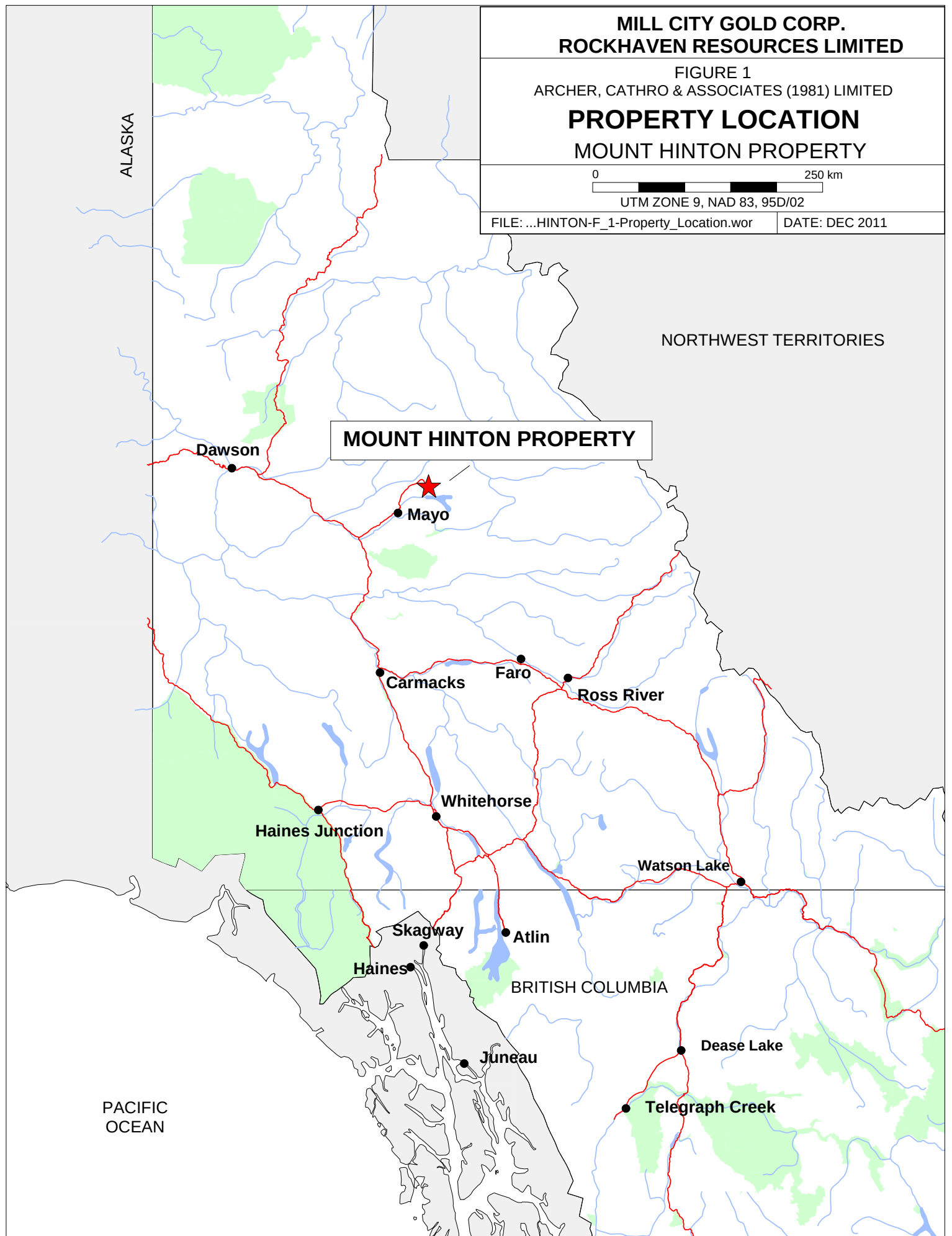
0 250 km

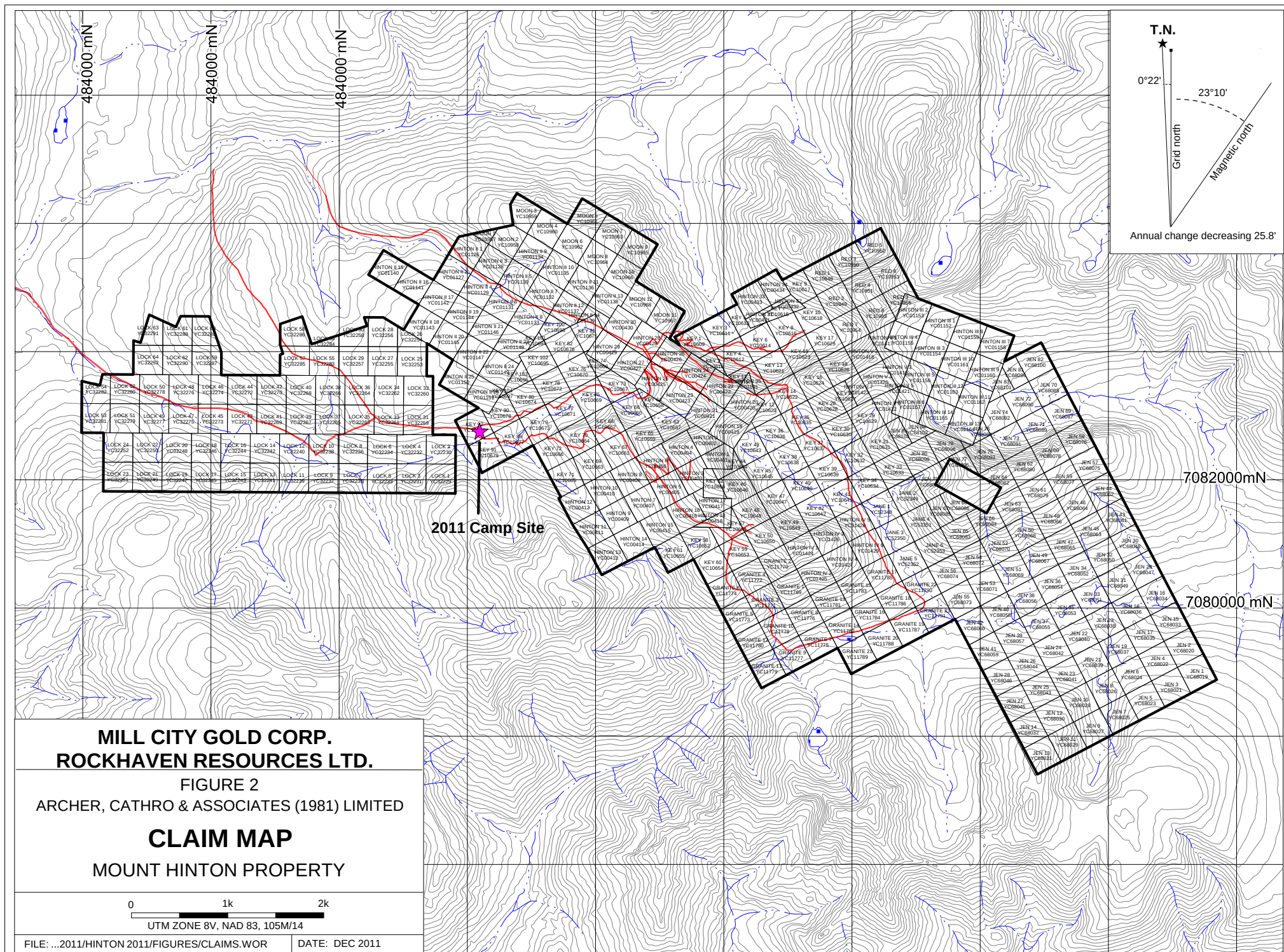
UTM ZONE 9, NAD 83, 95D/02

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DATE: DEC 2011

MOUNT HINTON PROPERTY





has not conducted spot inspections with respect to the placement of claim posts, the position of location lines and the proper affixing of claim tags. The claim locations shown on Figure 2 are derived from government claim maps. The Mount Hinton property is not encumbered by First Nations Land Claims. Placer mining claims in upper Thunder Gulch may compromise surface rights on the Hinton II 1 to 8 claims while placer claims in upper Duncan Creek may similarly restrict mining activity on the Lock 11-14, 16, 18, 43, 45, 47-52 and 54 claims.

Access to the property is by a 10 km dirt road from Keno City to the exploration camp in upper Duncan Creek valley. Various locations on the property are accessed by a system of four-wheel drive roads and rough bulldozer trails.

HISTORY

Exploration history of the Mount Hinton property is compiled from the Indian and Northern Affairs (now Yukon Geological Survey) Minfile database (Minfile, 2002), from a report on 1968 exploration by Zimmer (1968), and from summary reports prepared by Oullette (1985), Smith (1998), Junior Mine Services Ltd. (2003) and Carne (2003 and 2005).

Prior to 1963, numerous claims were held by individuals in the area encompassed by the present Mount Hinton property. Sporadic prospecting, both for gold and silver, was carried out with the earliest recorded work dating back to the early 1920s. The most notable effort was a 25 m adit driven in a cirque face at the head of McNeil Gulch by Charles Brefalt in 1941. No shipments of ore have been reported.

All of the earliest claims within the area of the present property had lapsed by 1965, except for 14 claims on the north peak of Mount Hinton (the Erickson property). Following release of regional-scale reconnaissance stream sediment sampling results by the Geological Survey of Canada, United Keno Hill Mines (UKHM) staked 74 claims adjoining the Erickson property to the south and east. UKHM conducted prospecting and geochemical sampling program later in 1965, which identified three new veins, and it enlarged the property to 276 claims in spring 1966. That summer an extensive geochemical sampling program was carried out over the entire claim group with about 12,000 soil samples collected at approximately 30 m by 100 m sample spacing. Geological mapping and prospecting were also carried out over the property and surrounding areas, identifying an additional 20 veins. Limited hand trenching was conducted on a dozen or more of these vein targets. After the field season, UKHM allowed 138 claims to lapse and optioned the Erickson property. In 1967, exploration focused on the head of McNeil Gulch where 22 new veins were discovered by detailed prospecting and hand trenching. In 1968, the McNeil Gulch area was mapped in detail with a plane table survey providing topographic control. All work was carefully tied in by triangulation and aerial photogrammetry. Prospecting identified 15 more veins, and hand trenching or stripping was carried out on some of these new discoveries. A prospecting shaft was sunk to a depth of 8 m on the 21 Vein.

A two week bulldozer trenching program was carried out in 1971 by UKHM in the west-central part of the property in an attempt to expose strike extensions of the 5 Vein. This work was largely unsuccessful because of deep, frozen overburden.

The property lay dormant from 1972 to 1980 when a short hole percussion drilling program, totaling 1780 m, was completed by UKHM on the 5 Vein. Of the 74 holes, only 24 reached the intended target. In 1984, a helicopter-supported underground exploration program was conceived by UKHM to test characteristics of the 5, 19, 21 and 24 Veins. Due to delays in funding, the work did not commence until early July and the only significant effort was directed to the 19 Vein, where a total of 98 m of drift and crosscut were completed before winter weather forced abandonment of the program. Some prospecting and limited hand trenching were also carried out in 1984, resulting in the discovery of one new vein.

In 1981, claims covering the 1 Vein area expired and the showing was restaked by local prospectors, who optioned them to Meldean Placers Ltd., which cleaned out the old hand trenches. In 1986, 660250 Ontario Limited carried out soil sampling, VLF-EM geophysical surveys and further hand trenching on the 1 Vein (Adams, 1986), and in 1987, Orex Resources Limited completed two short diamond drill holes across the best area of mineralization (Adams, 1988).

In January 1989, low silver prices and declining reserves forced the shutdown of UKHM's silver-lead-zinc mining operations in the camp. The company underwent a number of changes in ownership and attempts at refinancing but none were successful. It was forced into receivership in March 2001. Alexco Resource Corp. acquired the UKHM assets in February 2006 and achieved commercial production at the Bellekeno Mine in January 2011, using a new mill located immediately west of Keno City.

The Hinton Syndicate, a private group, staked claims peripheral to the main area of interest at Mount Hinton in 1998 and optioned them to Yukon Gold Corp. Ltd. in 2002. Later in 2002, UKHM claims covering the core area of interest on Mount Hinton lapsed and Yukon Gold restaked the open ground. Yukon Gold completed additional staking in August 2004.

Between August and October 2002, Yukon Gold carried out a preliminary evaluation of the Mount Hinton property with prospecting, limited hand trenching and resampling of old workings as well as minor excavator trenching and road building.

In August and September 2003, an excavator trenching program was carried out on the ridge trending north from the north peak of Mount Hinton to test for the possible westerly extensions of the McNeil Gulch veins. Excavator trenching was also performed on the 5 Vein and a total of 8 km of new road was constructed to enable vehicle access to previously inaccessible parts of the property. Orientation geochemical soil sampling was carried out along these newly constructed bulldozer trails. In addition, the Duncan Creek and Thunder Gulch access roads were upgraded to four-wheel drive status.

In July and August 2004, road building and excavator trenching resumed. This work was accompanied by grid soil geochemical sampling at the headwaters of Duncan Creek, the floor of McNeil Gulch and the southwest flank of the south peak of Mount Hinton. A total of 890 soil samples were collected. Most of the anomalies resulting from the 2004 geochemical sampling were evaluated by prospecting.

In July and August 2006, Yukon Gold completed grid soil sampling, excavator trenching and reverse circulation drilling. A total of 3066 soil samples were collected in the upper Duncan Creek valley and the headwaters of Lightning Creek, both significant placer gold bearing waterways. The results returned only scattered weak anomalies, possibly due to the thick overburden that covers these areas. The samples were not analysed for gold. Excavator trenching was carried out to explore the apparent source areas of quartz vein float uncovered during road building. The excavator was also employed to expose the 21 Vein for sampling. Two reverse circulation drill holes were attempted in 2006, but neither was complete due to a combination of operator inexperience and mechanical problems. The drill program was terminated after the first hole was abandoned at 24.4 m and the second hole at 21.3 m.

In 2007, Yukon Gold completed an exploration program that consisted of infill soil sampling, excavator trenching, diamond drilling and a helicopter-borne Versatile Time Domain Electromagnetic and Magnetic (VTEM) geophysical survey. Grid soil sampling was carried out in the headwaters area of Lightning Creek and in the 1 Vein area, to test the on-strike extensions of known veins and in a large area within the west-central part of the property where a number of strong VTEM conductors were revealed by the helicopter-borne geophysical survey. Again, the soil samples were not analyzed for gold. Excavator trenching was carried out to explore the McNeil Gulch area and to expose the source of mineralised float boulders on the saddle between Granite Creek and McNeil Gulch. A total 1.39 km of trenching discovered 11 new vein showings. Three diamond drill holes were attempted in 2007. The 21 and 19 Veins were targeted by two drill holes (DDH-MH-07-01 & -02), but driller inexperience resulted in the drill rods being frozen in the ground on both holes before the target depth was reached. A final hole (DDH-MH-07-03) was collared in the floor of McNeil Gulch to test a number of the new vein structures exposed by excavator trenching earlier in the program. Two broad zones ranging between 23.2 and 36.8 m wide were discovered, which host highly elevated arsenic concentrations up to 11,500 ppm. The 1052 line kilometre VTEM survey revealed a number of east-west trending conductivity anomalies that may reflect potentially mineralized fault zones.

The Jen Claims were staked by the Hinton Syndicate in June 2008 and were explored by contour soil geochemical sampling and prospecting. The program returned multiple, coincident lead-zinc-arsenic anomalies (Smith, 2010).

In March 2010, the Hinton Syndicate optioned the Mount Hinton Project to Rockhaven Resources Ltd. which carried out a soil geochemical sampling program. The program consisted of sampling on the 5 Vein, 1 Vein, and 55 Vein to extend strike length, as well as sampling in the Granite Creek Basin which had previously yielded high gold-in-silt values. Results from the Granite Creek Basin were particularly encouraging with the project discovering a 600 m by 500 m soil geochemical anomaly within which 40% of the samples yielded strongly anomalous values between 50 and 3310 ppb gold. This sampling elsewhere in the Granite Creek Basin also returned anomalous results along the northeasterly trend of the 13 Vein.

GEOMORPHOLOGY AND CLIMATE

The Mount Hinton property covers the headwaters of a number of drainages including Duncan Creek, Thunder Creek, McNeil Creek, Granite Creek and Keystone Creek. Elevations on the property range from 900 m above sea level (asl) on the floor of the Duncan Creek valley to over 2000 m asl at the peak of Mount Hinton. One of the main areas of exploration interest lies along the rugged north-facing wall of a cirque at the headwaters of McNeil Gulch. Heavy talus cover, rugged terrain and permafrost have hampered past exploration activities.

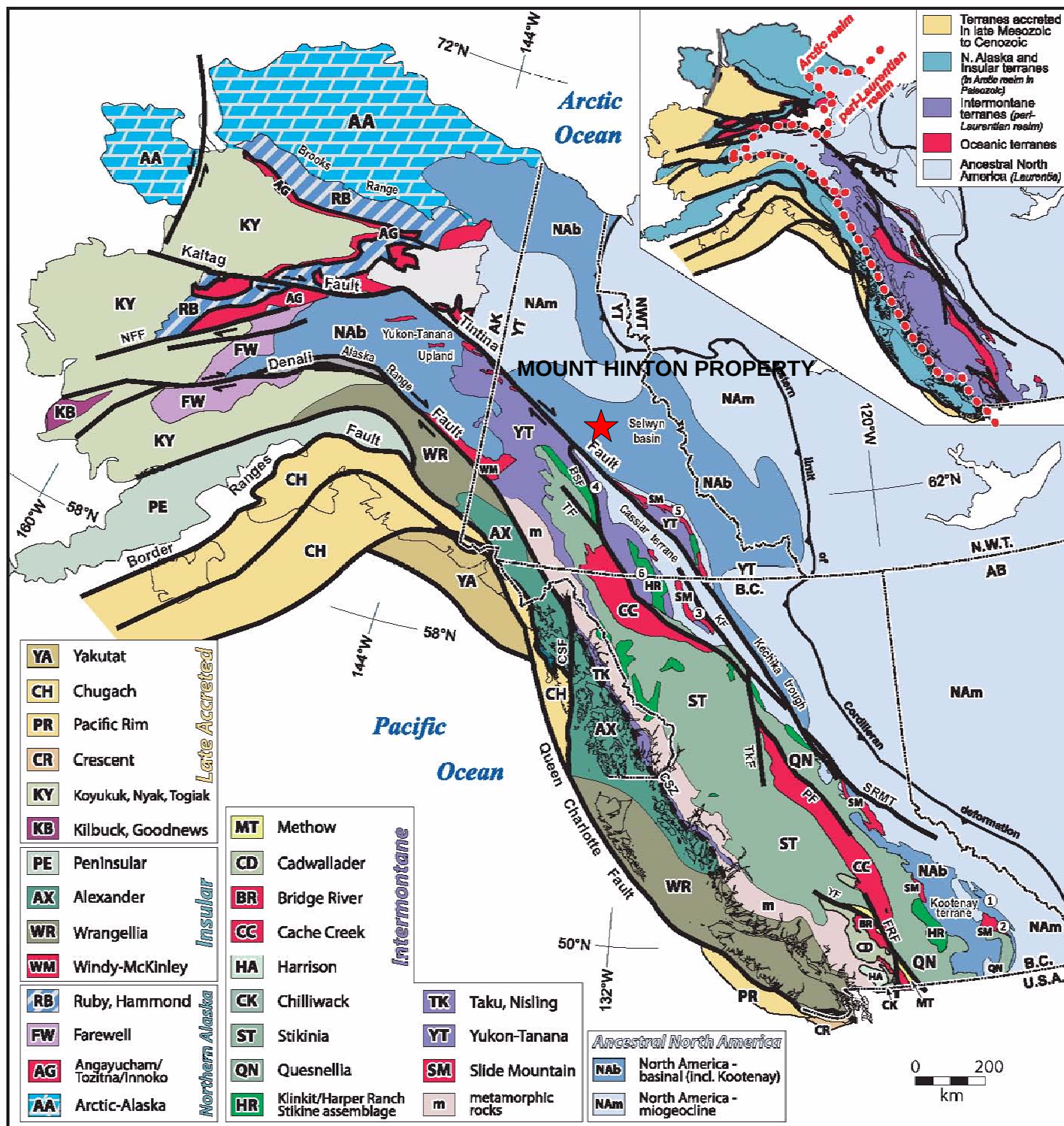
Treeline in the area is about 1500 m asl, valley bottoms below that elevation are forested with black spruce, and willow. Buckbrush (arctic black birch in drier areas and willow in wet areas) predominates with scattered clumps of alpine fir around 1500 m asl, while higher elevations on the property are unvegetated. Continuous permafrost probably underlies the entire Mount Hinton area.

The lower parts of the claim block are normally explorable from late May until early October. While higher elevations are mostly snow free from late June to late September. The climate in the Mount Hinton area is typical of northern continental regions with long, cold winters, truncated fall and spring seasons and relatively temperate summers. Average temperatures in January are about -20°C and in July about 10°C . Total annual precipitation is approximately 90 cm, mostly occurring as rain in the summer months. Maximum snow pack averages less than 200 cm although cornices and drifts in the area of exploration interest on the north facing headwall of McNeil Gulch can have snow depths exceeding 6 or 7 metres. Although summers are temperate, arctic cold fronts often cover the area and snowfall can occur in any month on the upper slopes of Mount Hinton. Sunlight ranges from more than 20 hours per day in late June to approximately four hours per day in late December.

GEOLOGY

The Mount Hinton property lies along the southwest margin of Selwyn Basin, a region of deep water, off-shelf sedimentation that persisted from late Precambrian to Mid Devonian time (Figure 3). The property is largely underlain by interbedded Mississippian phyllitic quartzite, chloritic and carbonaceous phyllite and massive to well foliated quartzite with lesser limestone of the informally named Keno Hill Quartzite or "Central Quartzite" (Roots, 1997). An underlying carbonaceous phyllite sequence, informally called the "Lower Schist", is assigned to the Mid- to late Devonian Earn Group. Triassic amphibole-chlorite metadiorite and metagabbro sills locally termed "greenstone" intrude the layered strata. The west side of the property is bounded by the Robert Service Thrust Fault, which emplaces metamorphosed clastic sedimentary rocks of the Upper Proterozoic Hyland Group (locally called "Upper Schist") over Keno Hill Quartzite. A geological map of the property is shown on Figure 4 (Zimmer, 1968 and Murphy and Roots, 1996).

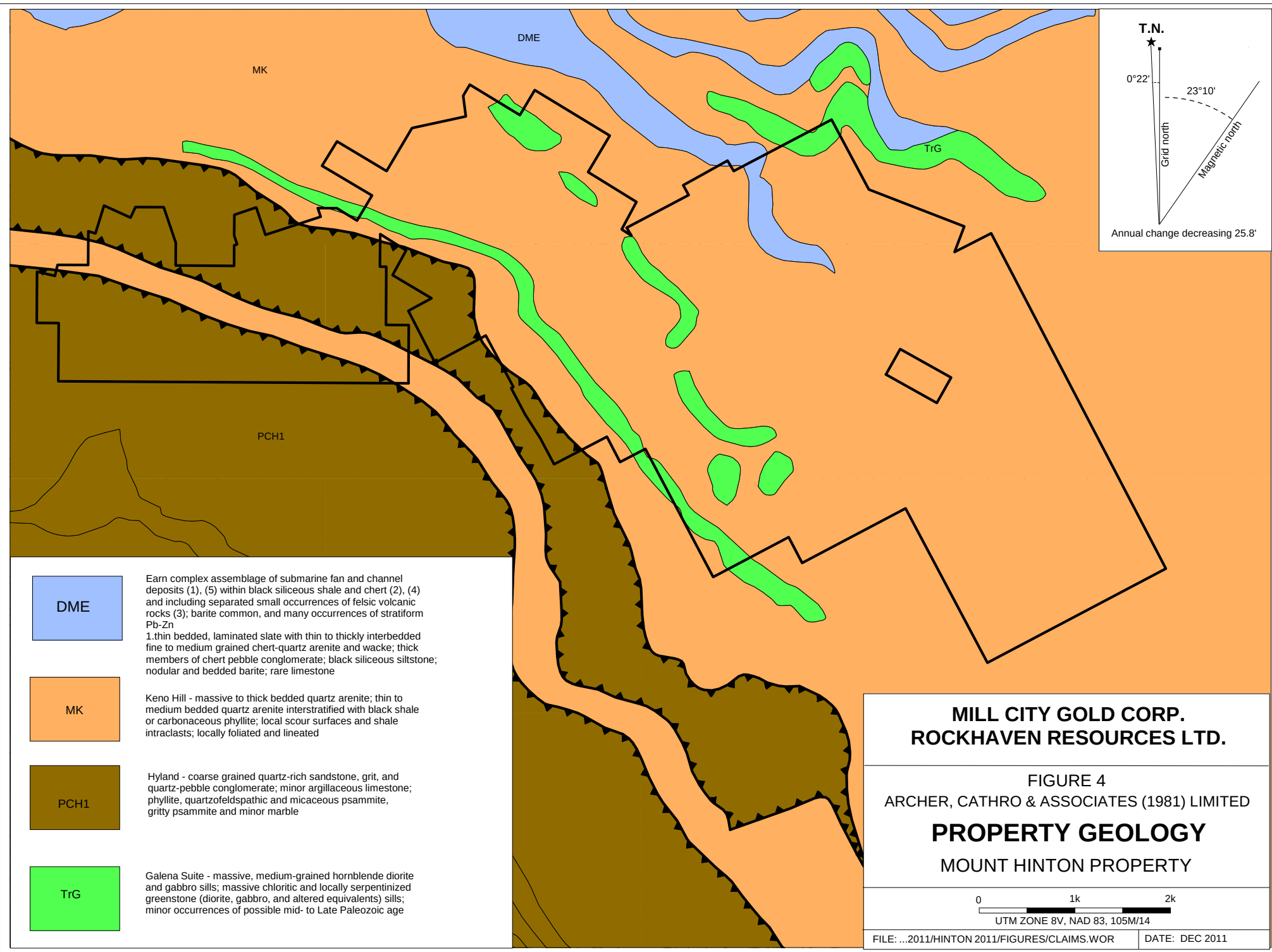
Both the Robert Service Thrust Fault and enclosing rocks are intruded by the Roop Lakes Pluton, a 100 km^2 elliptical stock that lies about 10 km east of the main area of vein mineralization on the Mount Hinton property. Igneous petrology is dominated by medium grained granodiorite



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FIGURE 3
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
TECTONIC SETTING
MOUNT HINTON PROPERTY

0 500 1000 2500 m
UTM ZONE 8, NAD 83, 105M/14



with lesser quartz monzonite. A marginal phase of the stock is composed of quartz diorite to quartz gabbro. A single felsite dyke is the only granitic igneous body on the Mount Hinton property, and it may be related to the Roop Lakes Pluton.

The Mount Hinton area lies in the southeast part of the Keno Hill Mining Camp, which is one of several mining districts within the 550 km long Tombstone Gold Belt. Between 1913 and 1990, 6,657 tonnes (214 million ounces) of silver, 35,000 tonnes of lead and 21,000 tonnes of zinc were extracted from the extensive and numerous vein faults in the Keno Hill area. Average recovered grade was 1373 g/t (40.1 oz/ton) silver, 6.7% lead and 4.1% zinc (Cathro, 2006).

The Tombstone Gold Belt is coincident with, and genetically related to, a belt of Mid-Cretaceous plutons assigned to the Tombstone Plutonic Suite (Hart and Burke, 2002). A 92.8 ± 0.5 Ma age has been determined by isotopic dating for the quartz monzonite phase of the Roop Lake pluton. This age together with its location and petrology places the intrusion within the Tombstone Plutonic Suite.

Tombstone Gold Belt includes a wide variety of mineralization types that are generally zoned outward from the related plutons. Proximal mineralization occurs within or adjacent to the mineralizing pluton as replacements, disseminations, stockworks, skarns and discrete veins with a gold-bismuth or tungsten-copper association (Hart and Burke, 2002). Distal mineralization occurs at some distance from the pluton either as disseminations or veins that are characterized by either gold-arsenic-antimony-mercury or lead-zinc-silver association. Precious metal bearing veins on the Mount Hinton property probably belong to the distal suite.

HISTORY AND ECONOMIC POTENTIAL OF NEARBY OCCURRENCES

The geological setting and style of mineralization defined to date on the Mount Hinton property are similar to those for the vein faults from which silver-lead-zinc ore was successfully extracted by underground and surface mining at a number of sites in the nearby Keno Hill Mining Camp.

Two types of vein mineralization are represented in the district (Boyle, 1965). The earliest stage is characterized by deposition of hydrothermal silica, which precipitated as quartz lenses in dilatant zones within northeast trending faults. In addition to this constituent, considerable amounts of sulphur, arsenic, and iron with lesser antimony, lead, copper, gold and silver were introduced. This is the most common type of precious metal mineralization on the Mount Hinton property.

The second type of vein mineralization in the Keno Hill Mining Camp is a later stage of iron, manganese, sulphur, antimony, lead, zinc, silver and cadmium enrichment hosted by siderite rather than quartz gangue. This style of vein fault is responsible for the bulk of the historical silver-lead-zinc production from the Keno Hill area. Ore shoots typically comprise less than 2% of the vein faults but this density locally increases to 20% within productive areas. The 1 Vein and 67 Vein are the only showings of this type that have been discovered to date on the Mount Hinton property.

Boyle (1965) notes that the most favourable host rocks for vein formation are thick bedded quartzites and greenstones. The principal economic lodes are located in four structural settings:

- at the junction of two or more vein faults;
- at the junction of a vein fault and offsetting bedding plane fault;
- within or immediately below massive quartzites and greenstones; or
- where the vein faults pass into phyllite or thin bedded quartzite.

MINERALIZATION

Mineralization on the Mount Hinton property consists of fault-controlled vein and vein breccia showings. According to Ouellette (1985) there are three types of faults in the Mount Hinton area that affect the distribution of gold and silver bearing quartz veins. Transverse faults are the main host for mineralized quartz veins on the property although some mineralization has been observed to extend into intersecting and offsetting bedding plane faults. Transverse structures strike east-northeast and dip steeply to the south. Displacement is apparently dip slip with little or no lateral movement. Zimmer (1967) observed that transverse faults are largely limited to competent units (quartzite) while the less well mineralized bedding plane faults are generally confined to intervening ductile phyllite members. In most cases transverse faults do not penetrate the thicker greenstone sills. Instead they deflect into bedding plane faults at the base of the sills. Cross faults appear to be younger than the mineralizing episode and offset the mineralized transverse or bedding plane faults in a left lateral sense.

Open space in quartzite caused by movement on the transverse/bedding plane fault systems provided corridors for incoming hydrothermal fluids and formed the locus for vein deposition. Precious metal mineralization in the veins on the Mount Hinton property typically occurs within a band of milky white vein quartz flanked by brecciated wallrock or fault gouge at the hanging wall and/or footwall. Early formed vein material is often re-brecciated or crushed by continued movement on the structure. The vein faults are often bordered (especially in quartzite) by parallel quartz stringer zones up to 5 m wide. One or both walls of the mineralized structure may be defined by an abrupt break.

Veins appear to pinch and swell both along the strike and dip of the fault structure. Width and continuity is largely controlled by host lithology. Where both walls of the vein fault are relatively ductile phyllite, a narrow zone of fault gouge may be the only expression of the structure. The widest and strongest quartz veins occur where one or both walls are brittle quartzite or greenstone. Veins are especially well developed and well mineralized immediately beneath large greenstone lens that underlies the north peak of Mount Hinton.

Vein mineralogy is summarized by Ouellette (1985), based primarily on work by Zimmer (1967). The Mount Hinton veins consist of fractured milky white quartz hosting, in approximate order of abundance: arsenopyrite, galena, jamesonite, pyrite, sphalerite, siderite and gold as well as the weathering products scorodite (after arsenopyrite), limonite (after pyrite) and anglesite (after galena).

- Arsenopyrite is present in all mineralized veins as well developed crystals and fracture fillings.

- Galena is also present to some degree in all veins although in poorly mineralized structures it is sparsely and erratically disturbed, occurring as irregular fracture fillings in yellowish quartz that may carry high silver values (up to 1700 g/t in pure galena) and as small disseminations in white to yellow quartz that seldom carry more than 500 g/t silver. In high grade quartz veins, galena occurs as sheeted zones that parallel overall vein attitudes.
- Jamesonite is abundant only in the southwest part of the vein system on the north face of Mount Hinton and in the 5 Vein on the south peak of Mount Hinton. In the 21 Vein, jamesonite is the primary sulphide mineral, and it occurs as finely fibrous, sheared masses that contain minor sphalerite and pyrite.
- Pyrite is present in nearly all veins and it is usually found as disseminated crystals as opposed to veinlets. Pyrite is particularly associated with arsenopyrite and nearly massive jamesonite in the 21 Vein.
- Sphalerite was observed in small quantities in the 5, 15, 21, 31, 35 and 52 Veins. It occurs as irregular masses without an apparent association with other metallic minerals.
- Oxidation affects most near surface sulphide mineralization. Murphy (1997) notes that oxidation can extend to depths up to 150 m in the Keno Hill area.
- In 1967 UKHM used a mortar, pestle and gold pan to visually test samples taken from gold veins as they were exposed by hand trenching. There was little correlation between the quantity of free gold particles liberated by the mortar and pestle and the assay grade, especially in samples that assayed less than 1 oz/ton (34.3 g/t) gold. Boyle (1965) suggests that metallic sulphide minerals carry the bulk of the gold in the Keno Hill Mining Camp as a lattice substitution, explaining the generally observed paucity of free gold. For example, a selected grab sample of massive jamesonite and scorodite collected from the 21 Vein in 2002 assayed 210.1 g/t gold and 1754 g/t silver although no visible gold was present. Zimmer (1967) noted that at Mount Hinton:
 - high gold values are always associated with metallic sulphide minerals,
 - gold has a particular association with jamesonite, and
 - gold and silver values usually parallel each other.

All creeks draining the property contain anomalous placer gold concentrations to some degree. Duncan Creek and Thunder Gulch, in particular, have supported long term placer mining operations.

As many as 73 mineralized veins, vein segments or discrete mineralized vein float trains have been discovered to date on the Mount Hinton property. They are identified by numbers that reflects their order of discovery (i.e. 1 vein was found first). UKHM's discoveries were typically made by prospecting to find mineralized talus or float then following up with hand trenching. Hand trenching and mucking, occasionally assisted with blasting, were employed to remove loose talus and frozen overburden from the veins. Bedrock was not penetrated unless it was highly broken. Veins judged to be low grade because of low sulphide mineral content were only exposed with randomly spaced foxholes. The more accessible, well mineralized veins were continuously trenched until they pinched out or until overburden became excessively deep. The full width of solid vein quartz plus 30 cm or so of the footwall and hanging wall were typically exposed. Channel samples were normally taken on regularly spaced intervals of 61 cm. No

attempt was apparently made to expose or sample associated crushed quartz or gouge zones and adjacent weakly mineralized wallrock. Very little evidence of the UKHM trenching program remains on the steep cirque face of the McNeil Gulch headwall due to sloughing of the talus cover.

The headwall of McNeil Gulch forms an east-west trending cliff face that contains most of the important vein occurrences discovered to date on the Mount Hinton property. Gold bearing vein faults are confined to a 300 m wide, 3.4 km long belt that coincides with the arcuate trend of the cirque face. This distribution believed to be more a function of exposure than a reflection of the primary distribution of mineralized quartz veins. For example, in 2007 excavator trenching in the till covered valley bottom north of the cirque face of McNeil Gulch exposed numerous vein swarms with locally strong mineralization.

SOIL GEOCHEMISTRY

Historical soil geochemical sampling on the Mount Hinton Property was carried out by UKHM (1965, 1966 and 1968), 660250 Ontario Limited (1986), Yukon Gold Corp. (2003, 2004, 2006 and 2007), the Hinton Syndicate (2009) and Rockhaven Resources Ltd. (2010).

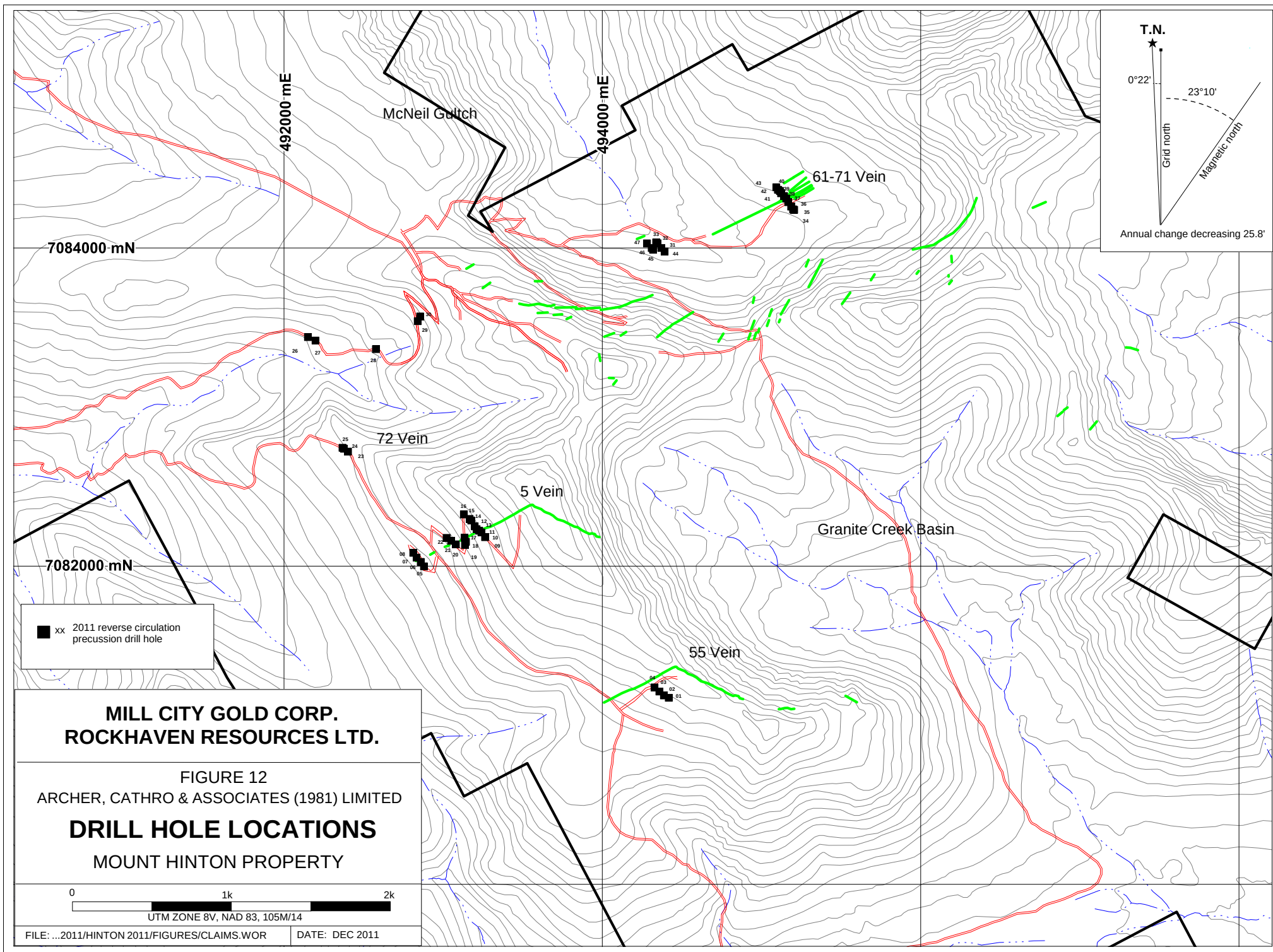
In 2011, a total of 359 soil samples were collected by Mill City from two areas on the property. Sample locations from the 2011 program are shown on Figure 5. Sample handling and Analytical Procedures are found in Appendix II while Certificates of Analysis appear in Appendix III. Results of the 2011 program have been compiled with historical UHKM, Yukon Gold and Rockhaven soil data and values for gold, silver, lead, zinc, arsenic and antimony are presented thematically on Figures 6 to 11.

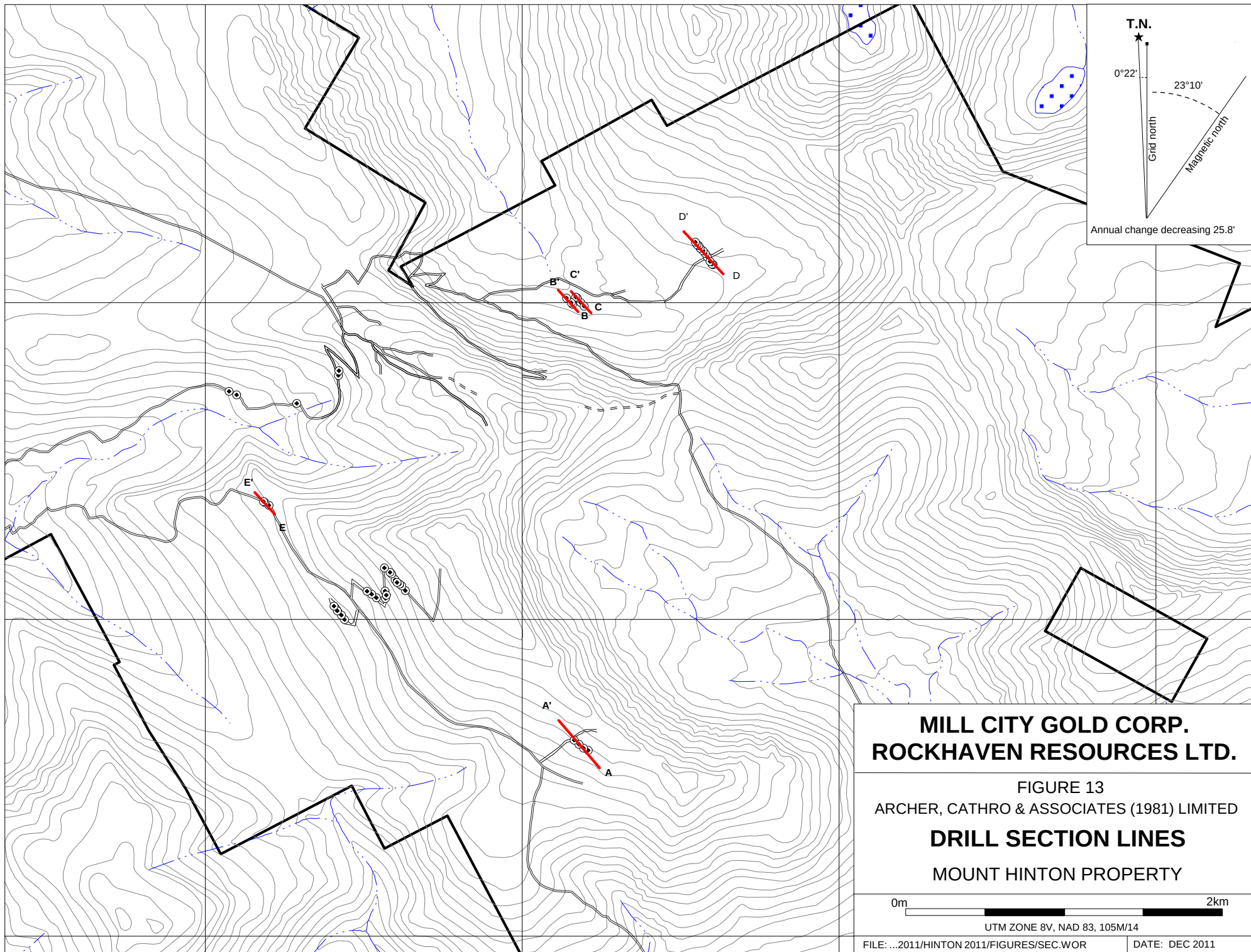
Sampling in 2011 continued to define anomalous trends. High values for most metals were returned from samples in the valley northwest of Mount Hinton where the metals are likely sourcing from the 5 Vein. Elevated results were also obtained from a small soil grid centered on Holes 23-25, which yielded visually encouraging results that were confirmed by assays (see following section).

2011 PERCUSSION DRILLING

The 2011 drilling program tested beneath known veins (5, 55 and 61 to 71) and selected soil geochemical anomalies in the western portion of the claim block (Figure 12 and 13). A total of 2071.73 m was drilled in 47 holes. The work was done with a self-propelled, track mounted reverse circulation percussion drill, which was contracted from Thorman Drilling Ltd. of Nelson BC. The drill was operated by a three person crew on a 12 hr/day shift. Uncommonly heavy rains created nearly impassible roads and unstable slopes in many parts of the property. Accordingly, proposed holes in the Granite Creek Basin were cancelled and some prospective targets were only tested by holes that could be collared to existing road beds.

Pulverized cuttings from the holes were automatically split at the collar, resulting in samples consisting of 12.5% of the cuttings from each 1.52 m interval. The entire sample was sent for





analysis and representative chips from each interval were collected for logging purposes. Analytical procedures are described in Appendix II while Certificates of Analysis appear in Appendix III. Drill Logs are in Appendix IV.

RESULTS

General

Drilling was mostly done on section lines, which were oriented perpendicular to vein traces or geochemical trends. In most areas, two or more holes were drilled on each section line in order to straddle the target and ideally produce more than one intercept to establish the dips of mineralized veins. The highest grade gold intercepts were normally accompanied with elevated silver results. Chips from these intervals usually include sulphide-bearing quartz fragments. The wall rocks adjacent to the mineralized veins are often enriched in arsenic and antimony. Sample numbers appear on drill logs in Appendix IV.

Vein Targets

No significant intercepts were obtained from holes that tested the **5 Vein**.

Drilling conducted in 2011 on the **55 Vein** returned elevated but sub-economic gold and silver values in two holes (Figure 14). Hole 3 intersected 7.62 m of 0.44 g/t gold and 18.95 g/t silver, while hole 4 returned 1.52 m of 0.378 g/t gold and 30.50 g/t silver. The mineralization is hosted in grey phyllitic quartzite and consists of milky quartz veins with trace fine grained pyrite and euhedral arsenopyrite.

The **61-71 Veins** represent a potential bulk-tonnage target that was partially tested by three section lines. The most westerly section line (Figure 15) did not return any high values but a line about 100 m to the east included two significant intervals in one hole. Hole 31 intersected 3.05 m of 0.95 g/t gold and 12.20 m of 0.604 g/t gold and 4.71 g/t silver (Figure 16). A third section line (Figure 17), which lies 1 km further to the east, produced a number of mineralized intervals including: hole 36, which intersected 1.52 m of 1.32 g/t gold and 1.68 g/t silver; hole 37, which cut 9.14 m of 0.507 g/t gold and 2.71 g/t silver; and hole 39, which returned 18.29 m of 0.493 g/t gold with 6.24 g/t silver.

Geochemical Anomalies

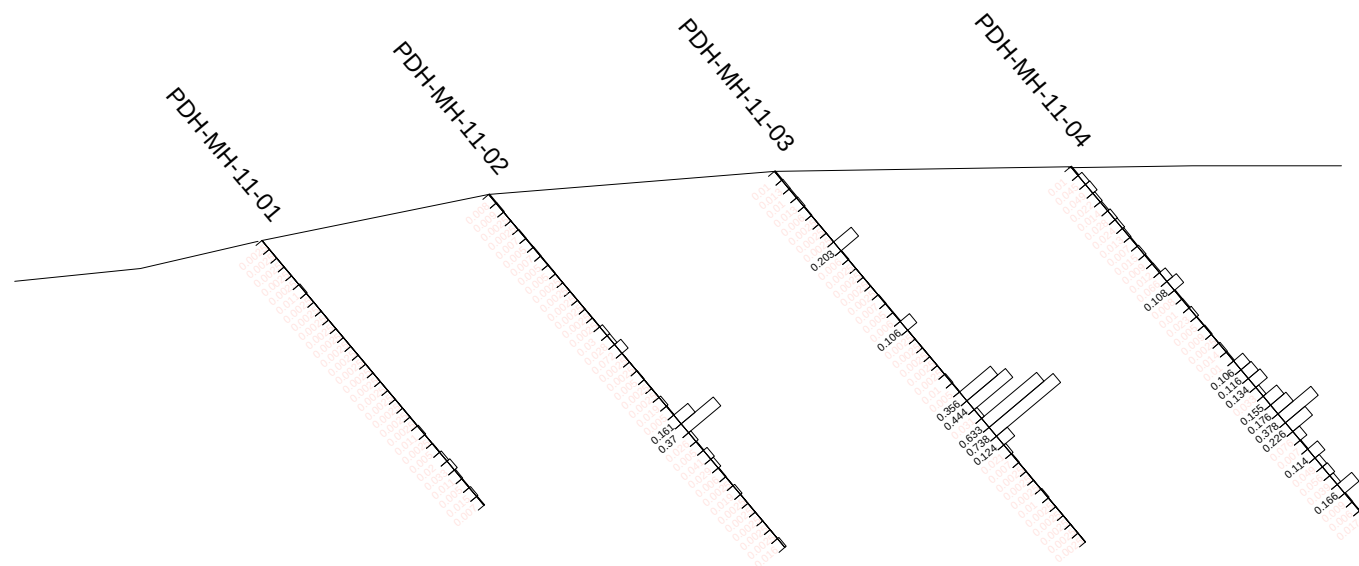
Eight holes were drilled to test various geochemical anomalies on the property, but the only significant intervals were obtained from a three hole section line drilled on a historic gold-in-soil anomaly about 1 km west of the 5 Vein (Figure 18). There were no historical veins in this area. Hole 23 cut an interval that assayed 31.7 g/t gold and 23 g/t silver over 1.52 m while hole 24 intersected 1.52 m of 0.526 g/t gold and 3.02 g/t silver. This mineralized zone has been named the **72 Vein**. Chips from the mineralized zone are oxidized phyllitic quartzite with fragments of milky quartz veins with pyrite and arsenopyrite.

LOOKING WEST

320

A

A'



Hole Number

Au (g/t)

Ag (g/t)

**MILL CITY GOLD CORP.
ROCKHAVEN RESOURCES LTD.**

FIGURE 14
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SECTION A-A'

MOUNT HINTON PROPERTY

0 15m 40m
UTM ZONE 8V, NAD 83, 105M/14

FILE: ...2011/HINTON 2011/FIGURES/AA.WOR

DATE: DEC 2011

LOOKING WEST

320

B

B'

PDH-MH-11-45

PDH-MH-11-46

PDH-MH-11-47

5.13

Hole Number

Au (g/t)

Ag (g/t)

**MILL CITY GOLD CORP.
ROCKHAVEN RESOURCES LTD.**

FIGURE 15
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SECTION B-B'

MOUNT HINTON PROPERTY

0m 40m

UTM ZONE 8V, NAD 83, 105M/14

FILE: ...2011/HINTON 2011/FIGURES/JJ.WOR

DATE: DEC 2011

LOOKING WEST

320

C

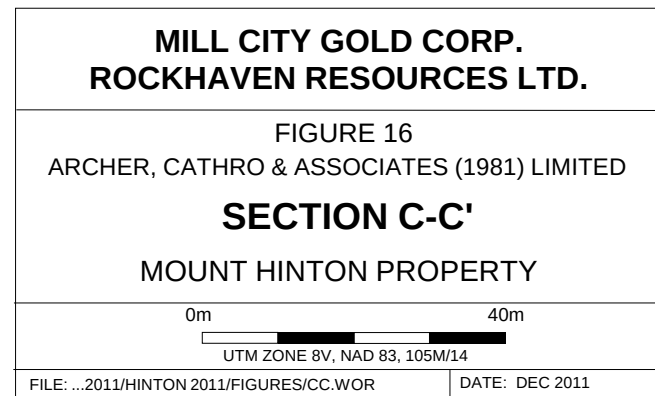
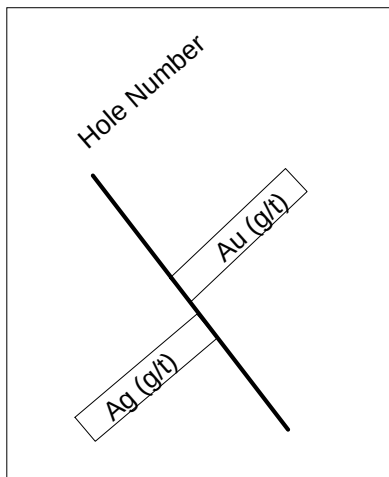
C'

PDH-MH-11-44

PDH-MH-11-31

PDH-MH-11-32

PDH-MH-11-33

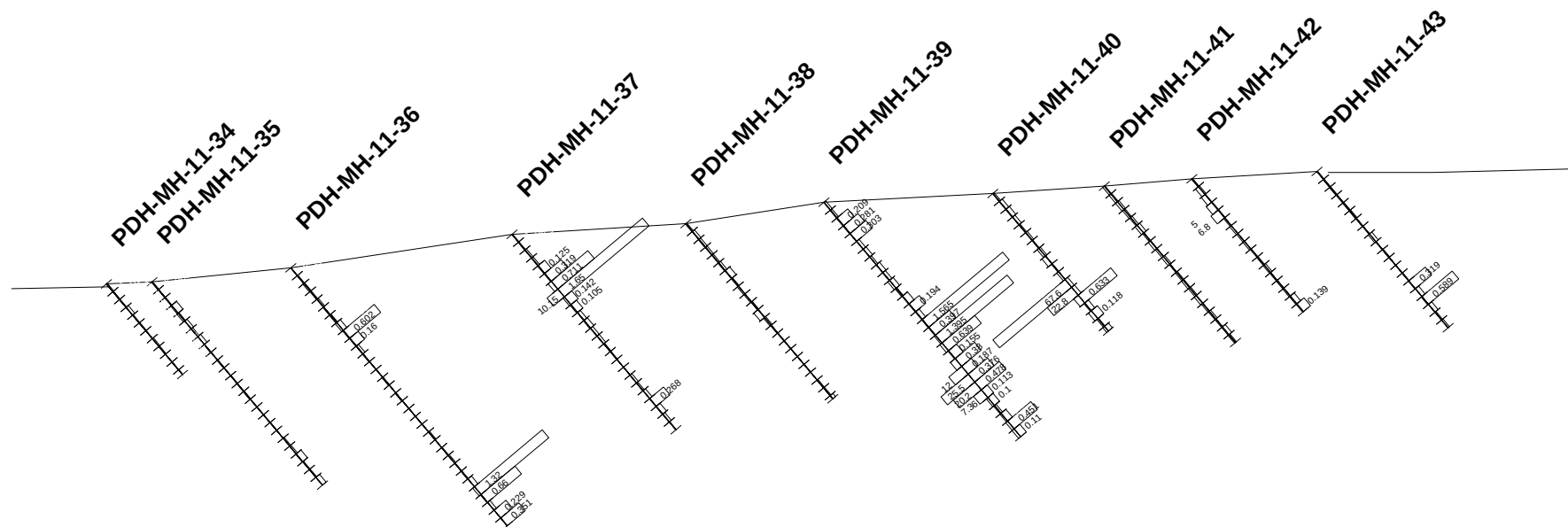


LOOKING WEST

320

D

D'



Hole Number

Au (g/t)

Ag (g/t)

**MILL CITY GOLD CORP.
ROCKHAVEN RESOURCES LTD.**

FIGURE 17
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SECTION D-D'

MOUNT HINTON PROPERTY

0m 40m

UTM ZONE 8V, NAD 83, 105M/14

FILE: ...2011/HINTON 2011/FIGURES/DD.WOR

DATE: DEC 2011

LOOKING WEST

320

E

E'

PDH-MH-11-23

PDH-MH-11-24

PDH-MH-11-25

0.444

0.126

0.383

0.473

0.119

0.122

0.127

0.268

0.361

0.249

Hole Number

Au (g/t)

Ag (g/t)

**MILL CITY GOLD CORP.
ROCKHAVEN RESOURCES LTD.**

FIGURE 18
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SECTION E-E'

MOUNT HINTON PROPERTY

0m 40m

UTM ZONE 8V, NAD 83, 105M/14

FILE: ...2011/HINTON 2011/FIGURES/EE.WOR

DATE: DEC 2011

DISCUSSION AND RECOMMENDATIONS

Despite its relatively long exploration history, the Mount Hinton property has received only minor physical work to fully evaluate the numerous prospecting discoveries and soil geochemical anomalies. The bulk of the exploration occurred in the 1960s and it was carried out under difficult conditions, requiring numerous fly camp set ups in order to keep crews close to their work sites. Trenching was all by hand, and mostly completed without the aid of explosives. Most of the more than fifty prospecting discoveries received only partially successful follow up because of coarse unstable talus, permafrost and steep terrain. Four wheel drive vehicle and heavy equipment access has recently been extended to the north, west and central parts of the property, enabling more efficient exploration.

The Mount Hinton veins are hosted within fault or shear zones. It is apparent from records of historical work that transverse normal faults in brittle quartzite units are the preferred host, and this is the same setting found at many of the most productive silver veins in Keno Hill Mining Camp. Transverse faults are offset or linked by less well mineralized bedding plane shears that are localized within relatively incompetent phyllite interbeds. In this manner, the “en echelon” vein distribution that is apparent in plan view may actually represent laterally and vertically continuous vein systems that are dismembered by the bedding plane shears.

Drilling in 2011 discovered high-grade mineralization at the 72 Vein and a potential bulk tonnage zone at the 61-71 Veins. Although most of the other holes returned low values, the success ratio in 2011 holes is actually quite good considering that only about two percent of the volume of the veins in the Keno Hill Mining Camp are ore grade. The reverse circulation drilling done in 2011 has proven to be a more effective exploration technique than excavator trenching, which is limited by steep terrain and frozen soil, or diamond drilling, which is more expensive and often yields poor recovery in vein intervals.

Additional reverse circulation drilling is recommended to better delineate known veins, test beneath undrilled vein exposures and to explore soil geochemical anomalies, especially those in the Granite Creek Basin.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Richard Phillips, B.Sc.

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APPENDIX I

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Richard Phillips, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Vancouver, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 2011 with a B.Sc. majoring in Earth and Environmental Sciences.
2. From 2004 to present, I have been actively engaged in mineral exploration in British Columbia, Yukon Territory and Northwest Territories
3. I have personally participated in the field work reported herein and have interpreted all data resulting from this work.

Richard Phillips, B.Sc.

95722

Qm01299

Statement of Expenditures
Mount Hinton Project – 358 claims
October 18, 2011

Contract Percussion Drilling

Thorman Drilling Ltd.

\$174,532.26



APPENDIX II

SAMPLE HANDLING AND ANALYTICAL PROCEDURES

In 2011 soil samples were sent to ALS Canada Minerals laboratory in North Vancouver, B.C. where they were dried, screened to -180 microns, dissolved in aqua regia solution and then analyzed for 35 elements using the inductively coupled plasma with atomic emission spectroscopy technique (ME-ICP41). An additional 30 g charge was further analysed for gold by fire assay with inductively coupled plasma-atomic emissions spectroscopy finish (Au-TL43).

Multi-element analyses for rock samples were carried out at ALS Canada Minerals Laboratory in North Vancouver, B.C. Each sample was dried, fine crushed to better than 70% passing -2mm and then a 250 g split was pulverized to better than 85% passing 75 micron. The fine fraction was then analyzed for gold using fire assay followed by inductively coupled plasma-atomic emission spectroscopy analysis and for 35 other elements using an aqua regia digestion and inductively coupled plasma-atomic emission spectroscopy analysis (Au-AA24 and ME-MS41).

Analyses were done using industry-standard fire assay and ICP techniques. The ALS Canada's Minerals Laboratory in Vancouver carries ISO 9001:2000 registration and is accredited to ISO 17025 by Standards Council of Canada for a number of specific test procedures including fire assay Au by AA, ICP and gravimetric finish, and multi-element ICP and AA assays for Ag, Cu, Pb and Zn.

APPENDIX III
CERTIFICATES OF ANALYSIS



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **ARCHER, CATHRO AND ASSOCIATES (1981)
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1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8**

Page: 1
Finalized Date: 19- SEP- 2011
Account: F

CERTIFICATE WH11156859

Project: Mount Hinton

P.O. No.:

This report is for 231 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 12- AUG- 2011.

The following have access to data associated with this certificate:

DOUG EATON

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- MS41	51 anal. aqua regia ICPMS	

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED
ATTN: JOAN MARIACHER
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A
Total # Pages: 7 (A - D)
Plus Appendix Pages
Finalized Date: 19- SEP- 2011
Account: F

Project: Mount Hinton

CERTIFICATE OF ANALYSIS WH11156859

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ML04770		0.02	0.019	0.45	0.67	218	<0.2	<10	110	0.23	0.14	0.10	0.20	17.80	6.9	21
ML04771		1.02	0.016	0.39	0.88	126.5	<0.2	<10	110	0.31	0.23	0.10	0.24	35.2	10.6	18
ML04772		0.74	0.013	0.49	2.27	151.5	<0.2	<10	100	0.84	0.33	0.06	0.62	36.1	29.7	14
ML04773		0.74	0.007	0.45	1.98	108.5	<0.2	<10	100	0.68	0.25	0.07	0.51	40.9	21.1	10
ML04774		0.50	<0.005	0.02	0.04	4	<0.2	<10	10	<0.05	0.04	20.1	0.03	0.94	0.6	1
ML04775		0.72	0.006	0.28	1.65	99.1	<0.2	<10	100	0.79	0.25	0.11	0.66	49.4	21.7	8
ML04776		1.91	<0.005	0.17	1.17	62.8	<0.2	<10	100	0.53	0.30	0.08	0.50	52.8	19.2	11
ML04777		0.38	0.005	0.11	1.15	69.0	<0.2	<10	100	0.45	0.24	0.08	0.41	57.2	15.9	11
ML04778		0.38	<0.005	0.06	2.06	31.7	<0.2	<10	90	0.46	0.35	0.18	0.29	77.7	19.6	20
ML04779		0.47	<0.005	0.05	1.54	21.6	<0.2	<10	80	0.34	0.23	0.08	0.33	60.1	16.4	18
ML04780		0.41	<0.005	0.08	2.11	28.8	<0.2	<10	70	0.36	0.20	0.07	0.83	54.0	15.5	25
ML04781		0.41	<0.005	0.09	2.23	62.8	<0.2	<10	50	0.40	0.30	0.08	0.27	46.6	19.6	194
ML04782		0.26	<0.005	0.06	2.64	91.5	<0.2	<10	100	0.50	0.09	0.11	0.25	39.4	28.3	161
ML04783		0.46	<0.005	0.04	3.93	52.1	<0.2	<10	90	0.42	0.09	0.14	0.28	32.0	47.4	388
ML04784		0.54	<0.005	0.06	4.42	38.6	<0.2	<10	30	0.26	0.08	0.11	0.71	20.1	69.8	518
ML04785		0.61	<0.005	0.06	4.86	68.3	<0.2	<10	30	0.26	0.14	0.09	0.94	18.30	97.7	704
ML04786		0.45	<0.005	0.08	4.74	66.2	<0.2	<10	30	0.29	0.14	0.26	0.63	18.90	82.4	752
ML04787		0.54	<0.005	0.09	1.00	23.2	<0.2	<10	90	0.24	0.29	0.05	0.34	53.6	38.2	62
ML04788		0.57	<0.005	0.09	0.53	36.4	<0.2	<10	70	0.26	0.21	0.03	0.23	42.3	15.8	37
ML04789		0.53	<0.005	0.14	0.45	47.5	<0.2	<10	60	0.31	0.23	0.02	0.44	37.3	21.0	22
ML04790		0.41	<0.005	0.07	0.59	31.2	<0.2	<10	60	0.29	0.31	0.04	0.27	38.5	16.3	16
ML04791		0.41	<0.005	0.09	0.64	31.9	<0.2	<10	60	0.25	0.26	0.06	0.44	34.3	20.5	20
ML04792		0.51	<0.005	0.07	0.79	24.2	<0.2	<10	70	0.32	0.47	0.05	0.36	41.7	19.5	19
ML04793		0.54	<0.005	0.05	0.64	26.5	<0.2	<10	60	0.25	0.28	0.06	0.42	40.6	14.8	16
ML04794		0.53	<0.005	0.05	0.64	21.3	<0.2	<10	50	0.24	0.29	0.09	0.29	43.3	9.5	12
ML04795		0.52	<0.005	0.07	0.62	15.8	<0.2	<10	50	0.23	0.24	0.10	0.30	43.2	6.3	14
ML04796		0.41	<0.005	0.13	0.41	13.1	<0.2	<10	50	0.18	0.33	0.12	0.19	50.2	4.2	14
ML04797		0.61	<0.005	0.11	0.63	26.5	<0.2	<10	40	0.17	0.22	0.15	3.65	23.2	43.7	13
ML04798		0.56	0.005	0.32	0.62	19.0	<0.2	<10	150	0.29	0.21	0.08	0.86	12.20	18.5	16
ML04799		0.93	0.011	0.27	0.87	11.2	<0.2	<10	190	0.19	0.22	0.02	0.15	16.65	8.6	24
ML04800		0.82	0.006	0.26	0.62	12.7	<0.2	<10	170	0.17	0.22	0.03	0.31	20.1	10.3	16
ML04801		0.87	<0.005	0.17	0.87	17.8	<0.2	<10	110	0.23	0.29	0.08	0.60	38.6	5.9	12
ML04802		0.43	0.006	0.17	0.86	21.1	<0.2	<10	80	0.37	0.23	0.04	0.53	23.3	7.4	18
ML04803		0.42	<0.005	0.28	0.54	23.2	<0.2	<10	50	0.12	0.46	0.02	0.25	29.8	2.5	10
ML04804		0.55	<0.005	0.10	0.56	21.7	<0.2	<10	60	0.15	0.19	0.04	1.04	37.8	4.9	5
ML04805		0.63	<0.005	0.08	0.42	15.7	<0.2	<10	60	0.14	0.15	0.01	0.54	32.8	3.2	6
ML04806		0.56	<0.005	0.09	0.34	21.3	<0.2	<10	50	0.12	0.15	0.01	0.93	31.5	3.9	5
ML04807		0.55	<0.005	0.07	0.59	20.2	<0.2	<10	70	0.16	0.16	0.01	1.00	43.9	4.9	7
ML04808		1.25	<0.005	0.07	0.67	15.7	<0.2	<10	50	0.19	0.10	0.02	1.21	30.5	10.1	9
ML04809		1.19	<0.005	0.36	0.73	18.9	<0.2	<10	50	0.20	0.74	0.04	0.18	26.2	11.1	9



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Plus Appendix Pages
Finalized Date: 19- SEP- 2011
Account: F

Project: Mount Hinton

CERTIFICATE OF ANALYSIS WH11156859

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ML04770		0.87	30.9	2.39	2.29	0.10	<0.02	0.03	0.014	0.10	8.7	8.2	0.16	277	2.63
ML04771		0.66	35.3	3.28	2.68	0.10	0.03	0.03	0.017	0.12	17.4	14.3	0.20	460	3.42
ML04772		0.53	66.1	4.69	1.60	0.12	0.31	0.10	0.035	0.16	18.3	5.5	0.06	318	5.30
ML04773		0.59	48.6	3.07	1.24	0.12	0.37	0.08	0.025	0.18	20.9	4.5	0.04	229	2.64
ML04774		0.08	8.9	0.42	0.07	0.06	<0.02	0.01	<0.005	0.01	0.5	0.9	12.05	203	0.16
ML04775		0.54	57.6	2.46	1.20	0.13	0.40	0.07	0.019	0.20	25.9	4.9	0.05	358	2.92
ML04776		0.63	45.8	3.13	2.03	0.13	0.28	0.04	0.015	0.22	25.4	16.3	0.15	261	2.62
ML04777		0.62	50.2	3.08	2.27	0.13	0.24	0.05	0.013	0.21	29.0	16.9	0.17	182	2.73
ML04778		0.62	37.3	3.76	5.48	0.15	0.17	0.02	0.013	0.29	37.8	49.5	0.58	291	1.46
ML04779		0.54	31.7	3.25	4.09	0.13	0.17	0.02	0.011	0.25	30.4	40.3	0.43	339	1.38
ML04780		0.62	35.1	4.34	5.96	0.14	0.20	0.03	0.015	0.28	27.2	62.2	0.67	224	1.40
ML04781		1.72	44.9	4.50	6.86	0.13	0.19	0.03	0.020	0.19	23.8	69.3	1.59	200	3.23
ML04782		0.74	27.5	5.69	7.41	0.12	0.20	0.02	0.018	0.16	18.8	78.3	1.58	248	3.29
ML04783		0.46	32.9	6.43	10.70	0.14	0.26	0.01	0.020	0.14	16.8	91.5	3.67	514	1.81
ML04784		0.18	38.7	7.70	12.80	0.20	0.14	0.01	0.035	0.04	8.6	100.5	5.15	1100	1.72
ML04785		0.17	41.0	9.74	13.50	0.18	0.15	0.01	0.039	0.05	8.0	109.0	5.39	2200	1.47
ML04786		0.21	45.1	8.36	13.75	0.19	0.11	0.02	0.036	0.06	8.7	96.7	5.49	1420	1.78
ML04787		0.46	30.3	5.22	2.90	0.14	0.21	0.02	0.018	0.20	27.0	20.3	0.47	938	1.45
ML04788		0.41	24.6	4.00	1.53	0.12	0.22	0.02	0.014	0.15	20.9	7.3	0.21	218	1.96
ML04789		0.61	36.2	6.13	1.41	0.12	0.22	0.04	0.016	0.14	17.6	4.3	0.09	370	2.80
ML04790		0.70	31.0	4.13	1.53	0.08	0.17	0.02	0.013	0.16	18.1	13.4	0.16	265	2.41
ML04791		0.71	35.2	3.38	1.65	0.09	0.22	0.03	0.017	0.14	16.2	8.7	0.11	355	2.53
ML04792		0.82	40.7	4.09	2.08	0.08	0.19	0.01	0.015	0.18	19.4	20.0	0.25	306	2.17
ML04793		0.62	37.1	3.50	1.66	0.07	0.15	0.01	0.013	0.17	19.1	15.7	0.20	227	2.51
ML04794		0.53	34.2	2.78	1.57	0.06	0.19	0.01	0.013	0.16	20.6	15.4	0.18	168	2.10
ML04795		0.41	41.5	2.07	1.53	0.06	0.27	0.02	0.014	0.17	20.5	16.6	0.17	83	2.10
ML04796		0.38	54.3	1.23	1.07	0.06	0.29	0.02	0.022	0.17	24.3	6.4	0.09	72	2.82
ML04797		0.70	39.9	5.84	1.69	0.10	0.22	0.03	0.018	0.13	10.8	14.1	0.16	3140	3.29
ML04798		0.37	67.7	6.03	1.67	0.08	0.20	0.06	0.018	0.09	5.8	17.9	0.21	654	4.14
ML04799		0.27	47.4	4.97	2.84	0.08	0.16	0.06	0.019	0.10	8.2	26.8	0.32	192	2.88
ML04800		0.39	52.8	2.32	1.83	0.05	0.17	0.06	0.018	0.12	9.9	15.9	0.15	117	2.48
ML04801		0.35	26.1	1.57	2.26	0.07	0.15	0.03	0.018	0.17	18.2	5.9	0.07	111	1.85
ML04802		0.80	31.1	4.18	2.21	0.08	0.16	0.05	0.020	0.12	10.9	15.9	0.14	86	2.67
ML04803		0.47	26.1	1.59	1.58	0.07	0.17	0.02	0.011	0.16	14.6	14.1	0.16	65	2.14
ML04804		0.36	28.2	0.70	1.03	<0.05	0.17	0.02	0.009	0.22	18.1	5.7	0.03	34	1.44
ML04805		0.33	18.1	0.69	0.84	<0.05	0.16	0.03	0.007	0.21	15.7	3.3	0.02	22	1.44
ML04806		0.42	24.5	1.03	0.70	0.05	0.17	0.06	0.007	0.20	15.4	2.6	0.01	21	2.02
ML04807		0.46	27.3	0.88	1.13	<0.05	0.18	0.02	0.008	0.23	20.9	7.4	0.05	37	1.67
ML04808		0.50	37.1	1.95	1.58	0.05	0.17	0.02	0.009	0.18	14.6	17.1	0.18	89	1.89
ML04809		0.30	22.5	2.49	1.63	0.05	0.15	0.01	0.010	0.19	12.4	17.2	0.22	158	1.61



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
		ppm 0.05	ppm 0.2	ppm 10	ppm 0.2	ppm 0.1	ppm 0.001	% 0.01	ppm 0.05	ppm 0.1	ppm 0.2	ppm 0.2	ppm 0.2	ppm 0.01	ppm 0.01
ML04770		0.23	21.2	320	13.5	5.7	<0.001	0.04	5.03	1.5	0.7	0.3	16.2	<0.01	0.02
ML04771		0.15	28.1	520	17.4	6.0	<0.001	0.02	4.97	2.3	0.8	0.3	15.4	<0.01	0.06
ML04772		0.09	86.5	1260	28.2	7.1	0.001	0.01	8.42	4.6	1.7	0.2	14.9	<0.01	0.10
ML04773		0.05	74.2	1050	17.7	7.5	<0.001	0.01	6.40	3.2	0.8	0.2	13.6	<0.01	0.04
ML04774		<0.05	1.6	210	1.4	0.5	<0.001	0.07	0.08	0.2	<0.2	<0.2	42.3	<0.01	<0.01
ML04775		<0.05	65.9	910	18.6	8.3	<0.001	0.01	5.48	2.9	0.5	0.2	12.6	<0.01	0.05
ML04776		<0.05	58.5	570	23.3	8.9	<0.001	<0.01	4.59	2.4	0.8	0.2	14.0	<0.01	0.05
ML04777		<0.05	56.6	300	20.7	9.2	<0.001	0.01	5.37	2.0	0.4	0.2	13.6	<0.01	0.02
ML04778		<0.05	60.9	720	13.9	12.5	<0.001	<0.01	2.18	2.1	0.3	0.2	21.8	<0.01	0.07
ML04779		<0.05	46.9	290	16.2	11.0	<0.001	<0.01	1.92	1.5	<0.2	0.2	12.5	<0.01	0.05
ML04780		<0.05	51.6	320	33.0	11.7	<0.001	0.03	2.99	1.9	0.2	0.2	12.4	<0.01	0.02
ML04781		<0.05	147.0	430	41.0	8.6	<0.001	<0.01	6.41	4.2	0.7	0.2	11.6	<0.01	0.03
ML04782		<0.05	171.5	310	17.0	7.1	<0.001	<0.01	3.79	4.5	0.3	0.2	11.9	<0.01	<0.01
ML04783		<0.05	289	490	11.9	5.8	<0.001	<0.01	2.07	6.7	<0.2	<0.2	12.8	<0.01	0.01
ML04784		<0.05	372	470	12.2	1.7	<0.001	<0.01	1.27	9.5	0.2	<0.2	10.9	<0.01	0.01
ML04785		<0.05	516	480	13.8	2.2	<0.001	<0.01	1.54	10.8	0.4	<0.2	8.8	<0.01	0.02
ML04786		<0.05	504	400	16.7	2.7	<0.001	<0.01	1.14	11.2	0.6	<0.2	20.4	<0.01	0.02
ML04787		<0.05	97.3	440	22.2	7.2	<0.001	<0.01	1.19	2.9	0.5	0.2	7.4	<0.01	0.06
ML04788		<0.05	59.8	320	20.0	5.5	<0.001	<0.01	2.60	2.2	1.1	0.2	6.7	<0.01	0.04
ML04789		<0.05	58.5	470	16.9	5.3	<0.001	<0.01	4.69	2.4	1.6	0.2	8.3	<0.01	0.06
ML04790		<0.05	44.4	310	21.2	6.1	<0.001	<0.01	3.25	2.1	1.0	0.2	5.4	<0.01	0.04
ML04791		<0.05	35.5	460	14.5	5.2	<0.001	<0.01	3.79	2.2	2.5	0.2	8.1	<0.01	0.05
ML04792		<0.05	57.4	390	24.6	7.5	<0.001	<0.01	4.33	2.9	1.4	0.2	6.3	<0.01	0.08
ML04793		<0.05	44.8	450	17.4	6.4	<0.001	<0.01	3.13	3.0	0.6	<0.2	6.3	<0.01	0.04
ML04794		<0.05	33.8	540	18.3	6.2	<0.001	<0.01	3.13	2.8	0.6	<0.2	7.5	<0.01	0.04
ML04795		<0.05	20.5	550	21.0	5.8	<0.001	0.01	2.37	5.1	1.0	<0.2	8.2	<0.01	0.04
ML04796		<0.05	16.9	630	26.3	6.1	<0.001	0.01	1.65	3.6	1.1	0.2	9.1	<0.01	0.05
ML04797		0.05	71.1	470	20.0	6.3	0.005	0.27	2.57	2.8	2.4	0.2	8.4	<0.01	0.05
ML04798		<0.05	54.8	520	13.1	4.4	0.003	0.21	2.23	1.7	4.3	0.2	10.0	<0.01	0.10
ML04799		<0.05	25.2	330	12.5	4.7	0.002	0.08	1.45	2.0	3.8	0.2	6.7	<0.01	0.12
ML04800		<0.05	15.8	350	10.9	4.9	0.001	0.05	1.27	1.4	2.4	0.2	8.0	<0.01	0.09
ML04801		<0.05	11.5	370	12.0	6.3	0.001	0.06	2.04	2.3	1.6	0.2	9.2	<0.01	0.03
ML04802		<0.05	22.0	590	16.8	4.9	0.005	0.26	3.08	1.9	5.6	0.2	10.5	<0.01	0.05
ML04803		<0.05	6.4	220	31.0	6.0	0.001	0.16	2.54	1.3	8.2	<0.2	6.6	<0.01	0.03
ML04804		<0.05	23.3	300	21.5	7.7	0.001	0.17	1.87	1.1	1.7	<0.2	14.7	<0.01	0.01
ML04805		<0.05	14.3	150	26.7	6.9	0.001	0.22	1.53	1.0	3.3	<0.2	8.9	<0.01	0.01
ML04806		<0.05	11.7	180	24.1	7.0	0.001	0.54	2.79	0.7	4.3	<0.2	9.3	<0.01	0.01
ML04807		<0.05	20.4	170	16.5	8.2	0.001	0.26	3.32	0.9	1.3	<0.2	11.1	<0.01	<0.01
ML04808		<0.05	24.1	260	17.1	6.4	0.001	0.46	3.34	1.2	0.8	<0.2	9.3	<0.01	0.01
ML04809		<0.05	23.5	250	58.6	6.8	0.001	0.75	2.66	1.3	0.4	<0.2	13.4	<0.01	0.05



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ML04770		0.007	0.07	0.62	16	0.83	2.84	52	<0.5
ML04771		0.009	0.06	1.11	19	0.97	4.92	84	1.6
ML04772		0.006	0.07	6.00	15	1.06	15.30	166	23.0
ML04773		<0.005	0.07	5.03	8	1.52	11.80	115	22.3
ML04774		<0.005	<0.02	0.46	1	<0.05	0.65	14	<0.5
ML04775		<0.005	0.08	4.05	7	1.96	13.10	89	23.6
ML04776		<0.005	0.08	2.33	7	1.24	10.65	127	13.6
ML04777		<0.005	0.06	2.09	6	1.05	7.45	121	11.5
ML04778		<0.005	0.08	1.21	12	0.58	7.00	111	8.7
ML04779		<0.005	0.07	0.99	9	0.84	4.99	92	7.7
ML04780		<0.005	0.07	0.99	14	0.67	4.11	137	8.7
ML04781		<0.005	0.05	1.44	28	1.07	5.45	156	9.8
ML04782		<0.005	0.05	1.13	27	1.39	7.18	171	11.8
ML04783		0.005	0.04	0.60	49	0.94	6.71	206	11.8
ML04784		0.009	0.02	0.38	85	0.81	8.05	361	5.6
ML04785		0.009	0.02	0.47	95	0.66	11.65	431	3.7
ML04786		0.009	0.03	0.50	106	0.92	9.11	271	6.1
ML04787		<0.005	0.05	0.90	13	0.98	8.84	247	8.6
ML04788		<0.005	0.04	1.40	7	1.26	9.45	231	7.9
ML04789		<0.005	0.03	1.29	6	0.95	17.00	418	9.9
ML04790		<0.005	0.05	1.08	4	1.10	7.66	205	9.5
ML04791		<0.005	0.05	1.02	7	1.40	8.54	140	10.5
ML04792		<0.005	0.06	1.48	5	1.47	8.08	169	13.5
ML04793		<0.005	0.05	1.04	4	1.74	6.56	156	11.2
ML04794		<0.005	0.04	1.33	4	1.48	5.83	82	10.9
ML04795		<0.005	0.05	1.07	5	1.25	6.09	55	17.7
ML04796		<0.005	0.05	0.96	8	2.00	6.25	35	14.4
ML04797		<0.005	0.05	0.89	7	1.33	13.85	427	13.4
ML04798		<0.005	0.04	0.88	14	2.14	8.94	285	11.1
ML04799		<0.005	0.04	0.56	23	2.01	4.47	184	8.0
ML04800		<0.005	0.04	0.62	13	1.47	2.89	66	7.9
ML04801		<0.005	0.06	0.85	6	0.93	3.47	42	6.6
ML04802		<0.005	0.04	1.40	13	0.97	5.81	165	8.9
ML04803		<0.005	0.06	0.53	3	1.51	1.42	22	8.5
ML04804		<0.005	0.09	0.94	1	1.12	2.54	18	9.0
ML04805		<0.005	0.11	0.67	<1	1.47	1.46	9	8.5
ML04806		<0.005	0.18	0.66	<1	1.87	1.33	16	7.7
ML04807		<0.005	0.12	0.96	1	1.42	1.84	15	9.1
ML04808		<0.005	0.09	1.38	3	1.45	1.53	32	9.2
ML04809		<0.005	0.08	0.87	3	1.43	2.15	51	6.9



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ML04810		0.94	<0.005	0.06	0.65	13.4	<0.2	<10	60	0.26	0.18	0.04	0.57	43.4	9.8	7
ML04811		0.19	0.011	0.28	0.73	48.5	<0.2	<10	130	0.30	0.17	0.07	0.26	20.4	6.0	18
ML04812		1.25	<0.005	0.30	0.90	28.1	<0.2	<10	100	0.32	0.19	0.09	0.24	19.95	7.1	19
ML04813		1.76	0.007	0.57	1.23	13.7	<0.2	<10	140	0.44	0.36	0.10	0.16	16.95	5.0	25
ML04814		0.86	0.009	0.57	1.28	11.1	<0.2	<10	120	0.36	0.31	0.07	0.16	17.65	4.9	25
ML04815		0.48	0.006	0.40	0.65	8.5	<0.2	<10	100	0.26	0.30	0.05	0.09	19.60	2.8	17
ML04816		0.54	<0.005	0.13	0.41	6.7	<0.2	<10	60	0.13	0.09	0.05	0.11	11.40	4.0	13
ML04817		0.49	<0.005	0.22	0.38	4.5	<0.2	<10	100	0.19	0.09	0.13	0.27	11.25	4.6	14
ML04818		0.75	0.005	0.33	0.65	9.7	<0.2	<10	130	0.27	0.17	0.94	0.32	12.40	7.0	16
ML04819		0.65	<0.005	0.29	0.70	11.1	<0.2	<10	110	0.26	0.14	0.44	0.26	10.00	6.3	17
ML04820		0.76	<0.005	0.24	0.74	4.5	<0.2	<10	100	0.25	0.16	0.08	0.18	12.90	5.1	17
ML04821		0.98	<0.005	0.17	0.43	3.3	<0.2	<10	80	0.21	0.09	0.09	0.12	12.20	4.2	15
ML04822		0.78	<0.005	0.22	0.55	4.6	<0.2	<10	60	0.12	0.11	0.06	0.08	10.55	2.4	16
ML04823		0.64	<0.005	0.18	0.59	5.9	<0.2	<10	90	0.20	0.13	0.04	0.09	11.75	23.6	18
ML04824		0.91	<0.005	0.14	0.38	6.4	<0.2	<10	60	0.15	0.07	0.04	0.05	7.63	165.0	13
ML04825		0.63	<0.005	<0.01	0.02	4	<0.2	<10	10	<0.05	0.02	19.25	0.07	1.10	0.6	1
ML04826		0.82	<0.005	0.05	0.09	1.9	<0.2	<10	20	<0.05	0.02	0.01	0.01	2.92	7.6	8
ML04827		0.55	<0.005	0.30	0.84	14.9	<0.2	<10	120	0.37	0.24	0.09	0.08	12.50	44.2	20
ML04828		0.90	0.006	0.40	0.81	15.3	<0.2	<10	130	0.42	0.25	0.08	0.12	8.65	11.9	17
ML04829		0.81	<0.005	0.37	1.10	10.9	<0.2	<10	130	0.52	0.21	0.07	0.21	8.58	12.5	20
ML04830		0.93	0.005	0.49	1.13	11.4	<0.2	<10	130	0.35	0.24	0.04	0.06	9.07	7.6	24
ML04831		1.18	0.005	0.26	0.71	11.8	<0.2	<10	110	0.24	0.15	0.04	0.10	11.50	5.5	19
ML04832		0.89	<0.005	0.22	1.16	8.3	<0.2	<10	130	0.36	0.14	0.09	0.18	21.5	7.0	24
ML04833		0.95	<0.005	0.21	0.88	10.4	<0.2	<10	90	0.31	0.19	0.06	0.13	18.60	6.9	19
ML04834		1.08	<0.005	0.20	0.90	8.5	<0.2	<10	100	0.26	0.16	0.07	0.15	15.45	7.3	20
ML04835		0.91	<0.005	0.15	0.76	10.3	<0.2	<10	80	0.24	0.12	0.05	0.23	15.85	5.9	18
ML04836		1.01	<0.005	0.16	0.41	21.6	<0.2	<10	70	0.18	0.08	0.03	0.19	11.80	5.6	15
ML04837		1.22	<0.005	0.77	0.12	36.5	<0.2	<10	50	0.08	0.08	0.01	0.20	6.71	1.3	9
ML04838		0.92	0.008	1.18	0.49	63.6	<0.2	<10	110	0.23	0.17	0.05	0.74	7.95	5.4	15
ML04839		0.84	<0.005	0.33	0.72	11.0	<0.2	<10	130	0.25	0.17	0.10	0.39	9.89	9.1	17
ML04840		1.10	<0.005	0.22	0.39	12.1	<0.2	<10	80	0.25	0.14	0.01	0.08	10.25	3.7	13
ML04841		1.09	0.008	0.26	0.25	10.6	<0.2	<10	70	0.09	0.10	0.01	0.03	5.95	2.4	10
ML04842		0.94	<0.005	0.09	0.31	9.8	<0.2	<10	40	0.11	0.05	0.02	0.08	5.98	3.6	14
ML04843		0.95	<0.005	0.09	0.22	7.9	<0.2	<10	40	0.14	0.05	0.01	0.04	5.88	3.0	10
ML04844		0.92	0.007	0.20	0.26	6.9	<0.2	<10	80	0.16	0.07	0.13	0.30	3.76	5.7	10
ML04845		1.00	0.008	0.32	0.71	7.0	<0.2	<10	120	0.29	0.18	0.05	0.33	5.01	8.7	17
ML04846		0.96	<0.005	0.27	0.73	13.2	<0.2	<10	160	0.38	0.15	0.04	0.32	4.65	9.3	15
ML04847		0.84	0.016	0.35	0.64	17.7	<0.2	<10	130	0.45	0.20	0.04	0.36	5.25	8.2	14
ML04848		0.83	<0.005	0.18	0.46	7.4	<0.2	<10	100	0.20	0.10	0.08	0.27	4.64	4.5	13
ML04849		0.78	<0.005	0.25	0.56	8.2	<0.2	<10	90	0.22	0.12	0.07	0.27	5.73	7.3	14



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CERTIFICATE OF ANALYSIS WH11156859

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ML04810		0.34	19.9	1.44	1.51	0.09	0.19	0.01	0.008	0.20	20.8	7.7	0.10	96	1.26
ML04811		0.79	40.8	2.08	2.35	0.08	0.06	0.02	0.022	0.06	11.0	6.7	0.06	247	2.94
ML04812		0.98	37.8	2.25	2.59	0.09	0.15	0.02	0.022	0.04	10.7	9.6	0.09	212	2.30
ML04813		1.40	47.4	2.53	3.92	0.10	0.25	0.05	0.034	0.06	9.2	10.1	0.11	202	3.12
ML04814		1.10	43.7	2.66	3.89	0.09	0.24	0.05	0.031	0.06	9.6	10.2	0.12	209	2.86
ML04815		1.00	21.4	1.49	2.26	0.07	0.18	0.03	0.022	0.04	10.5	7.9	0.06	104	2.29
ML04816		0.42	16.2	1.20	1.23	0.06	0.14	0.02	0.010	0.03	6.2	2.8	0.03	138	2.07
ML04817		0.60	21.3	1.96	1.07	0.07	0.16	0.02	0.011	0.05	6.3	4.6	0.04	211	2.42
ML04818		0.92	29.9	2.23	1.74	0.07	0.25	0.02	0.018	0.07	6.7	4.7	0.19	208	2.30
ML04819		0.86	28.7	2.12	1.81	0.07	0.19	0.02	0.018	0.06	5.0	4.9	0.13	305	2.13
ML04820		1.02	25.3	1.42	2.07	0.07	0.18	0.03	0.019	0.04	7.0	5.4	0.04	189	2.17
ML04821		0.80	21.1	1.13	1.37	0.06	0.11	0.02	0.012	0.03	6.6	4.6	0.03	158	2.27
ML04822		0.67	24.3	2.31	1.81	0.08	0.12	0.03	0.011	0.01	5.1	3.6	0.04	231	2.06
ML04823		1.00	21.1	1.16	1.90	0.06	0.13	0.21	0.016	0.03	6.3	4.4	0.04	112	3.80
ML04824		0.60	22.8	0.94	1.24	0.05	0.09	0.24	0.010	0.03	3.6	3.3	0.03	81	1.46
ML04825		0.11	2.0	0.42	0.07	0.07	<0.02	0.02	<0.005	0.01	0.5	0.8	11.80	197	0.05
ML04826		0.14	7.1	0.40	0.32	<0.05	0.04	0.07	<0.005	0.01	1.4	0.6	0.01	33	1.65
ML04827		1.24	39.4	1.90	2.41	0.11	0.17	0.08	0.024	0.07	5.6	7.4	0.08	144	2.76
ML04828		1.37	53.3	1.96	2.30	0.10	0.19	0.05	0.025	0.07	4.0	12.7	0.09	222	3.49
ML04829		1.70	46.9	2.32	3.08	0.10	0.15	0.04	0.026	0.07	3.9	19.9	0.14	340	3.04
ML04830		1.35	48.6	2.75	3.55	0.12	0.25	0.05	0.028	0.07	4.2	9.4	0.10	185	2.98
ML04831		1.00	31.3	1.69	2.04	0.07	0.16	0.02	0.018	0.04	6.2	5.7	0.05	124	2.24
ML04832		1.44	27.3	1.65	3.20	0.08	0.17	0.03	0.022	0.06	10.8	5.9	0.06	113	2.11
ML04833		1.49	25.2	1.53	2.66	0.08	0.16	0.03	0.021	0.03	9.8	5.6	0.06	88	2.29
ML04834		1.29	18.9	1.47	2.68	0.07	0.18	0.03	0.021	0.04	8.3	8.8	0.07	109	2.29
ML04835		1.17	18.0	1.33	2.28	0.07	0.17	0.03	0.017	0.03	8.5	4.8	0.05	145	2.16
ML04836		0.64	20.8	1.26	1.25	0.06	0.10	0.02	0.013	0.04	6.5	5.9	0.03	154	2.20
ML04837		0.28	18.4	0.72	0.42	<0.05	0.06	0.05	0.021	0.02	3.4	1.7	<0.01	45	2.23
ML04838		0.66	28.3	1.70	1.45	0.08	0.13	0.08	0.034	0.08	3.9	4.6	0.02	181	2.04
ML04839		0.77	34.1	1.97	1.69	0.08	0.18	0.03	0.021	0.09	4.7	5.7	0.04	327	2.16
ML04840		0.81	16.2	1.85	1.39	0.08	0.13	<0.01	0.015	0.08	4.6	2.8	0.02	67	1.56
ML04841		0.56	7.2	0.93	0.84	0.06	0.10	0.02	0.006	0.07	2.7	2.5	0.01	55	1.98
ML04842		0.34	11.4	1.09	0.89	0.08	0.07	0.01	0.006	0.04	2.6	3.2	0.02	120	2.13
ML04843		0.27	9.0	1.01	0.53	0.07	0.05	<0.01	0.005	0.04	2.6	2.5	0.01	51	1.66
ML04844		0.29	35.4	1.38	0.58	0.07	0.12	<0.01	0.013	0.06	1.7	2.7	0.03	294	2.05
ML04845		0.63	45.1	2.23	1.88	0.10	0.16	0.02	0.021	0.08	2.3	3.5	0.05	263	2.25
ML04846		0.67	59.6	1.88	1.56	0.08	0.14	0.07	0.018	0.10	2.1	10.8	0.06	198	2.29
ML04847		0.98	106.5	2.47	1.58	0.09	0.12	0.06	0.025	0.08	2.3	8.2	0.03	230	2.21
ML04848		0.47	29.5	1.31	1.09	0.08	0.11	0.01	0.012	0.06	2.1	5.8	0.03	226	1.64
ML04849		0.76	46.6	1.71	1.42	0.08	0.17	0.02	0.016	0.06	2.7	14.9	0.09	307	2.65



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CERTIFICATE OF ANALYSIS WH11156859

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ML04810		<0.05	25.7	230	15.8	10.6	<0.001	0.31	1.40	0.9	0.4	<0.2	17.7	<0.01	0.01	9.6
ML04811		0.11	27.5	440	12.4	5.5	<0.001	0.03	3.61	2.0	1.1	0.2	21.9	<0.01	0.04	5.4
ML04812		0.07	29.3	550	12.3	4.4	<0.001	0.02	2.36	2.2	1.1	0.2	20.7	<0.01	0.04	7.0
ML04813		0.05	26.1	630	19.8	5.5	0.001	0.04	2.31	2.3	1.5	0.3	50.3	<0.01	0.09	7.8
ML04814		<0.05	25.8	500	14.2	4.9	0.001	0.04	2.11	2.4	1.4	0.3	38.4	<0.01	0.09	6.8
ML04815		<0.05	15.7	330	16.1	4.0	0.001	0.03	1.00	1.3	1.0	0.2	32.4	<0.01	0.05	5.9
ML04816		<0.05	14.2	250	6.8	3.2	<0.001	0.01	0.62	1.2	0.6	<0.2	9.3	<0.01	0.01	3.7
ML04817		<0.05	22.0	350	6.6	3.9	<0.001	0.02	1.08	1.5	0.8	<0.2	12.8	<0.01	0.02	3.8
ML04818		<0.05	29.4	450	9.0	5.2	0.001	0.03	1.41	2.2	1.2	0.2	27.9	<0.01	0.03	5.4
ML04819		0.05	26.1	470	7.9	4.1	0.001	0.02	3.69	1.9	1.0	0.2	21.7	<0.01	0.03	5.1
ML04820		<0.05	21.6	410	7.8	3.6	0.001	0.01	1.24	1.9	0.8	0.2	16.8	<0.01	0.04	5.6
ML04821		<0.05	16.5	280	6.6	3.2	0.001	0.01	0.80	1.2	0.7	<0.2	19.7	<0.01	0.02	4.0
ML04822		<0.05	11.1	390	6.4	2.2	0.001	0.01	0.99	1.4	1.0	0.2	17.4	<0.01	0.02	3.0
ML04823		<0.05	11.5	320	8.6	3.5	0.002	0.01	1.10	1.5	0.6	0.2	23.7	<0.01	0.02	4.7
ML04824		<0.05	9.2	240	6.4	1.9	0.003	0.02	0.99	1.2	0.4	<0.2	20.3	<0.01	0.01	3.6
ML04825		<0.05	1.0	190	1.3	0.6	<0.001	0.01	0.06	0.3	<0.2	<0.2	44.6	<0.01	<0.01	<0.2
ML04826		<0.05	3.2	40	2.9	0.8	0.001	0.01	0.44	0.3	0.2	<0.2	5.5	<0.01	<0.01	1.0
ML04827		<0.05	17.8	490	13.9	3.9	0.001	0.02	2.10	2.1	1.0	0.2	28.8	<0.01	0.04	5.4
ML04828		<0.05	26.2	470	14.8	4.1	0.001	0.01	2.50	1.9	1.3	0.2	23.9	<0.01	0.08	4.6
ML04829		<0.05	43.2	430	12.4	4.3	<0.001	<0.01	2.02	2.5	1.1	0.2	18.5	<0.01	0.04	4.6
ML04830		<0.05	30.1	520	16.5	3.7	0.001	0.02	2.54	2.5	1.6	0.2	27.1	<0.01	0.10	5.4
ML04831		<0.05	25.0	360	7.9	3.9	0.001	0.01	2.39	1.7	1.3	0.2	17.2	<0.01	0.04	4.7
ML04832		<0.05	24.9	540	7.4	5.1	<0.001	0.03	2.49	2.3	0.8	0.2	28.0	<0.01	0.03	7.5
ML04833		<0.05	20.7	470	8.5	3.8	0.002	0.05	2.81	2.0	1.0	0.2	20.5	<0.01	0.03	6.5
ML04834		<0.05	23.8	420	9.5	4.4	0.001	0.03	2.22	2.1	1.0	0.2	18.9	<0.01	0.03	5.5
ML04835		<0.05	18.7	420	7.8	3.6	0.002	<0.01	2.31	1.7	0.9	0.2	23.4	<0.01	0.02	5.2
ML04836		<0.05	23.5	270	9.5	3.5	<0.001	<0.01	1.64	1.3	0.5	<0.2	16.4	<0.01	0.01	3.6
ML04837		<0.05	4.4	190	111.5	2.3	<0.001	<0.01	5.49	0.5	0.3	<0.2	9.2	<0.01	0.01	2.0
ML04838		<0.05	27.5	320	146.0	3.9	<0.001	0.01	6.82	1.4	0.8	<0.2	17.9	<0.01	0.03	3.7
ML04839		<0.05	48.5	450	10.6	4.2	<0.001	0.01	1.96	1.8	1.1	0.2	14.8	<0.01	0.04	4.3
ML04840		<0.05	16.3	320	9.0	4.1	<0.001	0.02	1.63	1.2	0.4	<0.2	14.8	<0.01	0.03	4.4
ML04841		<0.05	7.1	190	9.9	3.4	0.001	0.02	1.77	0.7	0.3	<0.2	9.4	<0.01	0.01	2.2
ML04842		<0.05	10.8	220	4.7	2.0	<0.001	0.01	0.99	0.8	0.2	<0.2	6.7	<0.01	0.02	2.4
ML04843		<0.05	9.4	190	3.8	2.1	<0.001	0.01	0.80	0.6	<0.2	<0.2	6.5	<0.01	0.01	2.6
ML04844		<0.05	36.2	200	5.4	2.7	<0.001	0.01	1.04	0.9	0.6	<0.2	8.5	<0.01	0.01	2.3
ML04845		<0.05	40.2	360	7.9	3.6	0.001	<0.01	1.83	2.1	1.0	0.2	10.4	<0.01	0.04	5.5
ML04846		<0.05	58.1	350	8.5	4.7	<0.001	<0.01	1.09	2.0	1.0	<0.2	12.5	<0.01	0.05	4.4
ML04847		<0.05	46.9	360	10.1	3.7	<0.001	0.01	1.75	1.6	1.5	0.2	21.5	<0.01	0.09	4.9
ML04848		<0.05	26.0	220	4.6	2.8	<0.001	0.01	0.76	1.1	0.7	<0.2	11.9	<0.01	0.04	2.7
ML04849		<0.05	42.3	280	7.6	2.7	<0.001	<0.01	0.97	1.4	0.7	<0.2	13.8	<0.01	0.04	3.2



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ML04810		<0.005	0.08	0.95	3	0.93	3.96	51	9.4
ML04811		<0.005	0.04	0.77	16	0.68	3.63	57	4.2
ML04812		<0.005	0.03	0.91	18	0.81	3.76	59	9.5
ML04813		<0.005	0.03	1.07	27	1.00	3.02	63	13.5
ML04814		<0.005	0.03	0.82	32	0.91	2.62	69	12.5
ML04815		<0.005	0.02	0.68	15	2.09	1.92	38	8.8
ML04816		<0.005	0.02	0.40	7	3.52	2.10	32	6.1
ML04817		<0.005	0.02	0.54	8	1.59	3.15	49	7.6
ML04818		<0.005	0.03	0.65	12	1.16	4.23	68	12.9
ML04819		<0.005	0.02	0.82	14	1.25	3.71	59	9.9
ML04820		<0.005	0.02	0.75	14	2.38	3.32	44	8.3
ML04821		<0.005	0.02	0.42	9	3.41	2.06	29	5.5
ML04822		<0.005	<0.02	0.45	14	4.51	1.81	27	5.6
ML04823		<0.005	0.04	0.51	12	150.5	1.73	23	5.6
ML04824		<0.005	0.04	0.45	8	510	1.18	16	3.5
ML04825		<0.005	<0.02	0.59	3	0.32	0.66	13	<0.5
ML04826		<0.005	<0.02	0.10	2	65.7	0.35	5	1.6
ML04827		<0.005	0.04	0.82	17	240	2.12	53	6.9
ML04828		<0.005	0.05	0.82	17	12.90	2.30	58	7.0
ML04829		<0.005	0.03	0.87	21	5.79	2.60	81	6.8
ML04830		<0.005	0.03	0.87	28	8.86	1.50	70	10.9
ML04831		<0.005	0.02	0.75	15	4.05	2.18	49	7.5
ML04832		<0.005	0.03	0.97	20	2.04	3.36	59	7.8
ML04833		<0.005	0.02	0.79	17	3.19	2.86	55	7.4
ML04834		<0.005	0.03	0.55	17	1.79	3.46	53	8.3
ML04835		<0.005	0.02	0.94	14	4.31	3.04	43	8.2
ML04836		<0.005	0.02	0.62	8	3.95	2.28	72	4.8
ML04837		<0.005	0.02	0.34	3	5.90	1.19	34	2.8
ML04838		<0.005	0.04	0.60	9	3.11	2.32	111	5.2
ML04839		<0.005	0.04	0.73	12	3.51	3.26	86	7.2
ML04840		<0.005	0.03	0.52	7	1.62	1.14	45	5.0
ML04841		<0.005	0.03	0.32	4	2.69	0.88	17	4.1
ML04842		<0.005	0.02	0.32	5	6.56	1.17	18	2.6
ML04843		<0.005	0.02	0.43	3	7.07	0.87	23	1.9
ML04844		<0.005	0.03	0.51	5	4.49	2.03	68	4.8
ML04845		<0.005	0.03	0.52	13	1.41	2.86	87	6.4
ML04846		<0.005	0.04	1.07	13	1.22	2.81	94	6.6
ML04847		<0.005	0.03	1.11	13	2.74	2.50	90	4.7
ML04848		<0.005	0.02	0.49	9	1.94	1.63	50	4.2
ML04849		<0.005	0.03	0.50	11	2.55	2.12	66	6.7



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CERTIFICATE OF ANALYSIS WH11156859

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ML04850		0.85	<0.005	0.20	0.69	8.4	<0.2	<10	100	0.17	0.16	0.05	0.09	8.96	4.4	17
ML04851		1.05	<0.005	0.18	0.71	12.3	<0.2	<10	70	0.20	0.12	0.07	0.16	10.20	4.2	18
ML04852		0.30	0.006	0.40	1.09	26.8	<0.2	<10	160	0.34	0.23	0.07	0.11	17.05	2.4	21
ML04853		0.90	0.013	0.51	1.09	23.0	<0.2	<10	140	0.27	0.27	0.05	0.07	18.15	1.9	22
ML04854		0.16	<0.005	0.21	0.98	12.1	<0.2	<10	130	0.27	0.16	0.03	0.05	13.60	3.5	23
ML04855		0.50	<0.005	0.39	0.76	12.0	<0.2	<10	90	0.22	0.21	0.03	0.06	10.10	3.6	18
ML04856		0.56	0.005	0.41	0.66	25.7	<0.2	<10	110	0.18	0.19	0.02	0.04	10.05	1.4	16
ML04857		0.79	<0.005	0.39	0.78	14.3	<0.2	<10	120	0.17	0.21	0.03	0.03	8.90	1.2	18
ML04858		0.47	<0.005	0.48	1.21	13.6	<0.2	<10	170	0.32	0.31	0.07	0.06	12.55	2.0	22
ML04859		0.52	<0.005	0.39	1.15	12.8	<0.2	<10	130	0.30	0.24	0.10	0.10	17.05	3.8	25
ML04860		0.50	<0.005	0.31	1.13	10.5	<0.2	<10	130	0.29	0.14	0.08	0.08	14.30	2.9	24
ML04861		0.83	<0.005	0.03	0.02	<2	<0.2	<10	10	<0.05	0.02	19.55	0.06	1.09	0.6	<1
ML04862		0.62	<0.005	0.35	0.90	16.4	<0.2	<10	140	0.29	0.24	0.12	0.12	14.20	5.5	21
ML04863		0.71	0.005	0.60	1.03	21.8	<0.2	<10	150	0.28	0.32	0.07	0.11	15.35	5.0	21
ML04864		0.70	0.007	0.51	1.00	16.7	<0.2	<10	200	0.25	0.30	0.04	0.05	12.40	3.1	21
ML04865		0.68	0.007	0.47	1.00	22.5	<0.2	<10	130	0.27	0.27	0.04	0.05	9.54	3.1	21
ML04866		0.69	0.005	0.56	1.15	40.7	<0.2	<10	170	0.36	0.32	0.04	0.11	16.45	3.5	22
ML04867		0.78	<0.005	0.28	0.60	37.4	<0.2	<10	100	0.21	0.16	0.05	0.41	11.00	9.6	16
ML04868		0.66	<0.005	0.19	0.36	21.7	<0.2	<10	90	0.20	0.06	0.04	0.10	7.26	1.9	14
ML04869		0.23	<0.005	0.31	0.96	16.1	<0.2	<10	130	0.32	0.19	0.08	0.16	14.20	3.5	21
ML04870		0.40	<0.005	0.34	1.00	17.4	<0.2	<10	150	0.31	0.18	0.08	0.16	15.00	3.8	21
ML04871		1.01	<0.005	0.46	0.90	10.2	<0.2	<10	110	0.32	0.23	0.10	0.10	10.85	2.7	26
ML04872		0.51	<0.005	0.20	0.59	10.1	<0.2	<10	90	0.24	0.14	0.06	0.09	12.90	2.3	19
ML04873		0.38	<0.005	0.17	0.64	8.2	<0.2	<10	90	0.22	0.12	0.05	0.08	10.60	5.2	15
ML04874		0.60	0.007	0.53	1.03	14.6	<0.2	<10	140	0.26	0.24	0.03	0.05	12.30	5.4	23
ML04875		0.63	0.005	0.45	1.28	10.9	<0.2	<10	130	0.23	0.19	0.02	0.03	11.30	3.3	26
ML04876		0.49	<0.005	0.17	0.53	5.0	<0.2	<10	70	0.14	0.06	0.01	0.09	6.84	2.8	14
ML04877		0.61	<0.005	0.22	0.56	8.0	<0.2	<10	100	0.23	0.09	0.02	0.08	9.39	4.3	16
ML04878		0.54	<0.005	0.26	0.50	13.6	<0.2	<10	110	0.31	0.11	0.02	0.13	9.10	4.7	16
ML04879		0.55	<0.005	0.20	0.28	8.8	<0.2	<10	80	0.14	0.08	0.01	0.09	7.44	1.6	16
ML04880		0.58	<0.005	0.25	0.58	16.8	<0.2	<10	90	0.23	0.13	0.02	0.14	8.24	2.7	19
ML04881		0.73	<0.005	0.13	0.29	13.4	<0.2	<10	40	0.09	0.05	0.02	0.22	7.03	3.4	14
ML04882		0.40	<0.005	0.10	0.24	7.5	<0.2	<10	50	0.12	0.05	0.02	0.05	6.07	1.0	12
ML04883		0.52	<0.005	0.14	0.33	9.1	<0.2	<10	50	0.16	0.07	0.03	0.36	6.11	2.7	15
ML04884		0.55	<0.005	0.18	0.52	14.6	<0.2	<10	70	0.23	0.09	0.03	0.09	8.52	1.3	20
ML04885		0.72	<0.005	0.20	0.22	19.8	<0.2	<10	50	0.23	0.09	0.01	0.09	5.19	5.0	14
ML04886		0.65	<0.005	0.35	0.69	16.2	<0.2	<10	140	0.38	0.14	0.02	0.46	7.55	21.7	18
ML04887		0.79	<0.005	0.27	0.36	18.4	<0.2	<10	100	0.25	0.10	0.01	0.10	6.94	5.2	14
ML04888		0.14	<0.005	0.27	0.64	41.9	<0.2	<10	130	0.23	0.08	0.04	0.14	9.90	7.0	16
ML04889		0.10	0.006	0.32	0.87	115.0	<0.2	<10	190	0.32	0.10	0.05	0.19	10.35	7.6	20



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CERTIFICATE OF ANALYSIS WH11156859

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ML04850		0.89	24.1	1.59	2.05	0.08	0.12	0.01	0.017	0.06	4.0	10.8	0.08	179	2.80
ML04851		0.77	20.4	1.92	2.03	0.09	0.10	0.01	0.016	0.04	4.4	12.7	0.08	110	2.25
ML04852		1.22	31.4	2.68	3.35	0.09	0.12	0.03	0.026	0.08	7.4	9.4	0.10	156	1.87
ML04853		1.46	33.0	2.75	3.67	0.10	0.23	0.04	0.028	0.07	8.0	8.1	0.10	148	2.14
ML04854		1.17	24.7	2.22	3.12	0.09	0.19	0.01	0.021	0.07	6.1	9.5	0.09	182	2.17
ML04855		0.93	44.6	2.05	2.38	0.09	0.19	0.01	0.021	0.05	4.7	13.6	0.11	142	2.66
ML04856		1.00	35.0	1.99	2.17	0.08	0.17	0.05	0.019	0.06	4.5	8.1	0.07	95	3.84
ML04857		1.23	18.9	2.04	2.49	0.08	0.21	0.03	0.019	0.07	4.1	9.4	0.08	89	2.55
ML04858		1.61	28.3	2.03	3.55	0.09	0.19	0.02	0.025	0.09	5.8	9.3	0.09	128	2.80
ML04859		1.39	29.7	2.22	3.30	0.10	0.18	0.02	0.024	0.08	7.4	7.7	0.09	130	2.37
ML04860		1.30	23.5	2.07	3.29	0.10	0.18	0.03	0.023	0.07	6.5	8.1	0.09	125	2.86
ML04861		0.07	1.6	0.43	0.08	0.06	<0.02	<0.01	0.005	0.01	0.5	0.9	12.35	202	0.07
ML04862		1.30	33.3	2.52	2.55	0.10	0.19	0.02	0.027	0.08	6.1	9.0	0.11	136	2.66
ML04863		1.60	33.0	2.48	3.11	0.10	0.23	0.03	0.029	0.09	6.8	15.0	0.14	147	2.59
ML04864		1.62	29.4	2.15	2.99	0.08	0.28	0.03	0.030	0.10	5.9	8.5	0.09	146	2.85
ML04865		1.18	33.8	2.83	2.99	0.09	0.21	0.02	0.028	0.07	4.6	8.0	0.10	189	2.54
ML04866		1.58	31.9	2.53	3.76	0.10	0.21	0.05	0.035	0.10	7.2	10.5	0.09	144	2.65
ML04867		0.86	52.7	2.04	1.69	0.08	0.14	<0.01	0.016	0.06	5.1	7.2	0.05	246	2.49
ML04868		0.65	16.7	1.32	0.99	0.07	0.10	0.01	0.016	0.06	3.3	5.5	0.01	67	2.41
ML04869		1.13	33.3	2.59	2.75	0.08	0.16	0.02	0.025	0.08	6.2	7.9	0.08	172	2.15
ML04870		1.20	33.8	2.57	2.98	0.09	0.14	0.01	0.025	0.09	6.7	8.4	0.08	181	2.29
ML04871		1.36	34.3	2.79	2.57	0.08	0.17	0.03	0.031	0.07	5.3	16.7	0.13	122	2.90
ML04872		0.91	30.2	2.00	1.79	0.08	0.16	0.01	0.020	0.06	5.8	6.8	0.04	100	2.86
ML04873		0.77	23.8	1.71	1.80	0.09	0.14	0.05	0.014	0.06	4.8	8.8	0.07	159	1.98
ML04874		1.34	31.7	3.20	3.30	0.06	0.18	0.06	0.031	0.08	6.3	5.5	0.08	328	2.54
ML04875		1.28	28.1	3.00	4.23	0.07	0.20	0.05	0.030	0.07	5.8	7.3	0.13	213	2.21
ML04876		0.56	15.1	2.24	1.48	0.05	0.10	0.03	0.012	0.04	3.2	5.3	0.06	216	1.68
ML04877		0.78	21.4	2.11	1.67	<0.05	0.14	0.06	0.017	0.06	4.4	4.5	0.04	122	2.10
ML04878		0.74	45.2	3.11	1.42	0.05	0.15	0.08	0.023	0.06	4.3	3.4	0.02	164	2.68
ML04879		0.42	32.0	1.62	0.97	<0.05	0.14	0.05	0.012	0.05	3.5	2.4	0.01	61	2.52
ML04880		0.62	33.2	1.92	1.62	0.05	0.19	0.06	0.017	0.05	4.1	5.1	0.05	104	2.96
ML04881		0.23	15.7	1.32	0.90	<0.05	0.08	0.05	0.007	0.02	3.4	2.6	0.02	68	1.92
ML04882		0.36	11.0	0.94	0.73	<0.05	0.07	0.04	0.007	0.03	3.0	4.0	0.02	46	1.94
ML04883		0.50	12.0	1.32	0.92	<0.05	0.06	0.05	0.010	0.03	2.9	5.1	0.03	132	2.19
ML04884		0.84	15.1	1.51	1.48	0.05	0.11	0.07	0.015	0.05	4.0	4.4	0.03	67	3.06
ML04885		0.78	25.4	2.35	0.70	<0.05	0.07	0.07	0.014	0.03	2.4	2.5	0.01	112	2.94
ML04886		0.91	59.8	3.02	1.56	0.06	0.12	0.09	0.028	0.09	3.5	8.8	0.03	853	2.81
ML04887		0.75	22.0	1.57	1.02	<0.05	0.09	0.06	0.012	0.08	3.1	3.1	0.01	139	2.26
ML04888		0.58	18.4	1.69	1.76	<0.05	0.09	0.04	0.014	0.09	4.6	5.9	0.04	231	1.57
ML04889		0.73	21.7	2.00	2.39	0.05	0.09	0.05	0.017	0.12	4.9	8.1	0.06	251	1.86



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CERTIFICATE OF ANALYSIS WH11156859

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ML04850		<0.05	16.2	330	7.4	2.7	0.001	0.01	1.55	1.5	0.2	0.2	23.1	<0.01	0.05	4.0
ML04851		<0.05	17.1	330	6.1	2.2	0.001	0.01	1.64	1.7	0.5	<0.2	19.9	<0.01	0.03	3.5
ML04852		<0.05	15.1	660	14.1	4.2	<0.001	0.02	2.44	2.3	1.0	0.2	33.1	<0.01	0.09	6.3
ML04853		<0.05	14.4	650	17.1	3.5	0.001	0.03	2.62	2.0	1.0	0.3	31.4	<0.01	0.08	6.3
ML04854		<0.05	17.6	390	6.9	3.7	<0.001	0.02	1.78	2.0	0.6	0.2	29.2	<0.01	0.06	4.6
ML04855		<0.05	22.2	350	14.4	2.5	<0.001	0.02	1.63	1.6	1.1	0.2	23.8	<0.01	0.06	4.3
ML04856		<0.05	11.6	410	14.4	3.1	<0.001	0.03	3.33	1.6	1.2	0.2	26.1	<0.01	0.08	3.9
ML04857		<0.05	10.4	440	11.3	3.5	<0.001	0.03	1.57	1.4	0.7	0.2	34.3	<0.01	0.05	4.1
ML04858		<0.05	13.8	600	12.9	5.1	<0.001	0.03	2.08	2.2	0.9	0.3	39.9	<0.01	0.07	6.5
ML04859		<0.05	18.9	840	15.0	3.8	<0.001	0.02	2.13	2.2	1.1	0.3	35.5	<0.01	0.08	6.3
ML04860		<0.05	18.0	760	9.9	4.0	0.002	0.02	2.18	2.3	0.8	0.3	33.6	<0.01	0.03	5.8
ML04861		<0.05	1.2	190	1.3	0.4	<0.001	0.06	0.06	0.2	0.5	<0.2	48.6	<0.01	<0.01	<0.2
ML04862		<0.05	27.0	840	15.5	4.1	0.002	0.03	2.04	2.1	1.2	0.2	33.2	<0.01	0.06	5.6
ML04863		<0.05	24.0	640	21.4	4.6	0.001	0.04	2.45	2.4	1.4	0.2	39.8	<0.01	0.09	6.3
ML04864		<0.05	17.5	480	13.5	5.2	0.001	0.03	2.29	2.1	1.4	0.2	39.2	<0.01	0.08	5.4
ML04865		<0.05	17.9	510	10.8	3.6	0.001	0.02	2.95	2.2	1.4	0.3	26.6	<0.01	0.07	4.6
ML04866		<0.05	19.0	560	15.0	5.3	<0.001	0.03	3.31	2.5	1.5	0.3	31.2	<0.01	0.09	6.4
ML04867		<0.05	26.8	460	7.9	3.2	<0.001	0.01	2.06	1.8	1.0	0.2	20.8	<0.01	0.03	3.7
ML04868		<0.05	8.5	310	6.4	2.9	<0.001	0.01	1.44	1.2	0.4	<0.2	18.5	<0.01	0.02	3.3
ML04869		<0.05	18.6	640	12.0	3.7	<0.001	0.02	2.05	2.2	0.8	0.2	32.9	<0.01	0.04	5.7
ML04870		<0.05	19.2	620	11.9	4.7	<0.001	0.02	2.15	2.3	1.2	0.2	37.2	<0.01	0.04	5.5
ML04871		<0.05	15.8	990	18.5	3.5	0.001	0.03	2.00	2.6	1.1	0.2	40.1	<0.01	0.06	5.6
ML04872		<0.05	11.1	570	8.2	3.3	<0.001	0.02	1.43	1.8	0.5	0.2	26.2	<0.01	0.05	4.9
ML04873		<0.05	22.3	480	8.3	3.1	<0.001	0.01	1.28	1.5	0.3	0.2	16.6	<0.01	0.05	4.2
ML04874		<0.05	21.0	680	12.9	4.4	0.001	0.04	2.76	2.6	1.2	0.3	37.3	<0.01	0.10	5.5
ML04875		<0.05	18.4	610	11.3	3.7	0.001	0.03	3.12	2.5	1.3	0.3	21.4	<0.01	0.08	5.0
ML04876		<0.05	10.3	310	4.1	2.1	<0.001	0.01	1.31	1.9	0.5	<0.2	9.4	<0.01	0.02	2.3
ML04877		<0.05	16.3	380	5.6	2.8	<0.001	0.01	1.81	2.1	0.6	0.2	14.8	<0.01	0.03	3.8
ML04878		0.05	19.5	460	6.4	3.1	<0.001	0.02	3.73	2.8	0.9	0.2	16.3	<0.01	0.04	3.7
ML04879		<0.05	8.5	280	5.3	2.4	<0.001	0.01	1.70	1.3	0.6	<0.2	11.8	<0.01	0.03	2.4
ML04880		<0.05	13.0	390	9.7	2.7	<0.001	0.01	2.85	2.1	0.8	0.2	13.9	<0.01	0.04	3.1
ML04881		<0.05	11.7	350	3.7	1.2	<0.001	0.02	3.27	1.1	0.7	<0.2	7.0	<0.01	0.02	2.0
ML04882		<0.05	3.7	300	2.7	1.8	<0.001	0.01	1.22	0.8	0.4	<0.2	9.9	<0.01	0.01	2.0
ML04883		<0.05	16.4	430	4.8	1.7	<0.001	0.01	1.78	1.2	0.5	<0.2	9.5	<0.01	0.02	2.4
ML04884		<0.05	5.8	550	5.6	2.5	<0.001	0.02	2.02	1.6	0.4	0.2	14.1	<0.01	0.02	3.9
ML04885		<0.05	15.6	540	6.5	2.0	<0.001	0.02	1.96	1.8	0.5	<0.2	13.8	<0.01	0.02	3.6
ML04886		<0.05	103.5	580	7.7	4.2	0.001	0.02	2.86	3.0	1.1	0.2	17.2	<0.01	0.03	5.8
ML04887		<0.05	26.0	290	9.0	4.2	<0.001	0.02	1.77	1.5	0.5	<0.2	20.0	<0.01	0.02	3.7
ML04888		0.06	21.6	290	6.6	4.4	<0.001	0.01	2.44	1.8	0.6	0.2	17.8	<0.01	0.03	3.2
ML04889		0.05	25.0	500	9.4	6.2	<0.001	0.03	2.95	2.2	0.6	0.2	23.7	<0.01	0.02	3.7



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ML04850		<0.005	0.03	0.56	14	2.12	1.31	40	5.2
ML04851		<0.005	0.02	0.66	13	2.10	1.44	40	4.2
ML04852		<0.005	0.04	0.86	26	0.69	2.10	50	6.2
ML04853		<0.005	0.03	0.69	28	1.48	1.67	43	10.0
ML04854		<0.005	0.03	0.55	22	2.71	1.55	47	7.3
ML04855		<0.005	0.02	0.54	18	2.11	1.40	58	7.7
ML04856		<0.005	0.04	0.48	16	1.09	0.94	39	7.0
ML04857		<0.005	0.02	0.50	18	1.46	0.86	30	7.4
ML04858		<0.005	0.04	0.74	24	1.22	1.81	36	8.2
ML04859		<0.005	0.03	0.87	22	1.70	2.30	63	7.7
ML04860		<0.005	0.02	0.85	21	2.00	2.19	43	7.7
ML04861		<0.005	<0.02	0.56	1	0.09	0.78	13	<0.5
ML04862		<0.005	0.03	0.90	19	1.55	2.04	70	7.7
ML04863		<0.005	0.03	0.92	22	1.71	2.10	58	10.2
ML04864		<0.005	0.04	0.72	24	1.17	1.57	47	11.2
ML04865		<0.005	0.03	0.73	26	1.88	1.28	55	8.7
ML04866		<0.005	0.04	0.78	25	0.79	1.58	67	9.2
ML04867		<0.005	0.03	0.62	12	2.45	2.10	107	5.9
ML04868		<0.005	0.02	0.44	7	2.08	1.18	36	3.8
ML04869		<0.005	0.03	0.76	21	1.64	2.22	69	7.2
ML04870		<0.005	0.03	0.72	21	0.87	2.40	65	7.7
ML04871		<0.005	0.04	0.98	21	0.97	1.95	71	7.4
ML04872		<0.005	0.03	0.69	12	2.34	1.52	45	6.4
ML04873		<0.005	0.03	0.52	12	2.67	1.54	46	5.0
ML04874		<0.005	0.04	0.64	32	1.14	1.43	80	8.3
ML04875		<0.005	0.03	0.65	39	1.28	1.26	61	9.1
ML04876		<0.005	0.02	0.46	13	3.05	1.15	33	3.9
ML04877		<0.005	0.02	0.64	15	2.26	1.29	56	5.5
ML04878		<0.005	0.02	0.78	16	2.26	1.36	107	7.0
ML04879		<0.005	0.02	0.43	10	3.63	0.89	47	5.8
ML04880		<0.005	0.02	0.71	16	3.41	1.40	56	7.6
ML04881		<0.005	<0.02	0.46	8	6.54	1.08	33	3.3
ML04882		<0.005	0.02	0.26	5	4.80	0.72	16	2.8
ML04883		<0.005	<0.02	0.44	6	5.42	1.32	37	2.5
ML04884		<0.005	0.02	0.65	10	4.25	1.36	25	3.9
ML04885		<0.005	0.02	0.85	6	5.19	1.43	73	3.3
ML04886		<0.005	0.04	1.76	14	1.94	4.66	197	5.5
ML04887		<0.005	0.03	0.61	8	2.36	1.89	59	4.1
ML04888		<0.005	0.04	0.50	13	0.90	2.02	47	4.7
ML04889		<0.005	0.06	0.57	18	1.13	2.51	54	5.3



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ML04890		0.34	0.008	0.45	0.85	34.0	<0.2	<10	120	0.26	0.14	0.08	0.29	12.70	13.3	19
ML04891		0.62	<0.005	0.29	0.55	37.7	<0.2	<10	90	0.21	0.10	0.36	0.17	10.55	7.1	24
ML04892		0.28	<0.005	0.26	0.59	21.4	<0.2	<10	90	0.23	0.13	0.07	0.16	11.00	6.6	22
ML04893		0.83	<0.005	0.45	0.27	8.4	<0.2	<10	80	0.13	0.08	0.02	0.10	6.27	5.1	15
ML04894		0.34	0.008	0.64	0.29	8.4	<0.2	<10	120	0.14	0.12	0.02	0.05	6.85	2.3	12
ML04895		0.44	<0.005	0.36	0.74	7.5	<0.2	<10	120	0.20	0.11	0.04	0.08	7.94	3.5	17
ML04896		0.25	<0.005	0.44	0.94	15.0	<0.2	<10	110	0.36	0.15	0.03	0.13	11.30	7.2	21
ML04897		0.42	<0.005	0.69	0.80	21.4	<0.2	<10	90	0.28	0.15	0.04	0.09	15.55	5.3	20
ML04898		0.95	<0.005	0.01	0.03	<2	<0.2	<10	10	0.05	0.01	20.7	0.05	1.20	1.1	1
ML04899		0.46	<0.005	0.31	0.82	22.7	<0.2	<10	90	0.35	0.13	0.09	0.08	17.10	3.6	20
ML04900		0.43	<0.005	0.43	0.68	27.0	<0.2	<10	90	0.27	0.16	0.03	0.07	14.60	3.7	20
ML04901		0.45	<0.005	0.14	0.27	10.3	<0.2	<10	50	0.09	0.05	0.04	0.09	8.39	4.4	13
ML04902		0.58	<0.005	0.13	0.21	10.8	<0.2	<10	40	0.09	0.04	0.11	0.13	8.29	4.2	14
ML04903		0.54	<0.005	0.11	0.48	16.7	<0.2	<10	60	0.17	0.07	0.06	0.09	11.25	4.8	17
ML04904		0.45	<0.005	0.17	0.22	21.4	<0.2	<10	80	0.13	0.07	0.04	0.16	8.22	4.4	12
ML04905		0.56	<0.005	0.28	0.38	50.6	<0.2	<10	110	0.17	0.11	0.05	0.27	5.43	5.5	15
ML04906		0.68	0.016	0.51	0.63	67.2	<0.2	<10	130	0.26	0.14	0.37	0.35	7.74	6.9	18
ML04907		0.70	<0.005	0.36	0.85	50.6	<0.2	<10	150	0.38	0.18	0.26	0.38	11.80	9.8	22
ML04908		0.62	<0.005	0.38	1.01	40.1	<0.2	<10	150	0.37	0.16	0.20	0.52	10.85	10.1	24
ML04909		0.75	0.016	0.58	0.46	61.1	<0.2	<10	110	0.21	0.13	0.37	0.45	7.57	7.0	16
ML04910		0.92	0.008	0.19	0.19	51.8	<0.2	<10	60	0.09	0.06	0.57	0.17	5.56	3.3	12
ML04911		0.57	<0.005	0.58	0.26	63.5	<0.2	<10	100	0.14	0.08	0.05	0.34	5.28	4.0	13
ML04912		0.58	0.009	0.41	0.20	64.1	<0.2	<10	80	0.12	0.10	0.19	0.16	7.52	3.0	12
ML04913		0.64	<0.005	0.23	0.23	57.8	<0.2	<10	70	0.16	0.07	0.02	0.22	10.40	4.5	13
ML04914		0.77	<0.005	0.22	0.44	22.8	<0.2	<10	60	0.15	0.08	0.03	0.12	10.45	3.9	15
ML04915		0.53	0.005	0.31	0.77	30.2	<0.2	<10	180	0.30	0.17	0.07	0.33	11.15	9.6	20
ML04916		0.85	<0.005	0.19	0.36	12.4	<0.2	<10	120	0.14	0.10	0.05	0.15	7.36	4.4	13
ML04917		0.69	0.005	0.23	0.47	22.5	<0.2	<10	100	0.17	0.11	0.05	0.18	9.23	6.3	15
ML04918		0.62	0.006	0.26	0.46	16.0	<0.2	<10	110	0.20	0.12	0.04	0.10	11.10	3.9	13
ML04919		0.62	<0.005	0.28	0.47	11.4	<0.2	<10	90	0.18	0.10	0.04	0.23	10.50	6.4	16
ML04920		0.60	<0.005	0.34	0.71	11.9	<0.2	<10	130	0.27	0.17	0.06	0.25	14.70	8.9	19
ML04921		0.67	<0.005	0.17	0.36	4.9	<0.2	<10	100	0.12	0.08	0.16	0.10	8.22	3.4	15
ML04922		0.75	<0.005	0.17	0.58	13.0	<0.2	<10	90	0.20	0.13	0.08	0.09	10.70	3.7	17
ML04923		0.78	<0.005	0.15	0.92	12.3	<0.2	<10	110	0.21	0.13	0.06	0.09	13.05	5.6	21
ML04924		0.82	<0.005	0.25	1.49	15.4	<0.2	<10	180	0.39	0.25	0.07	0.12	18.15	6.3	26
ML04925		0.82	<0.005	0.15	0.96	10.0	<0.2	<10	110	0.20	0.14	0.06	0.10	14.85	5.0	23
ML04926		0.86	<0.005	0.17	1.02	9.7	<0.2	<10	120	0.22	0.15	0.05	0.11	15.35	5.2	23
ML04927		0.87	<0.005	0.07	0.41	7.0	<0.2	<10	60	0.11	0.06	0.05	0.12	8.61	3.2	16
ML04928		0.93	<0.005	0.09	0.53	5.9	<0.2	<10	80	0.14	0.08	0.03	0.06	11.30	2.5	17
ML04929		0.34	0.008	0.60	1.28	46.4	<0.2	<10	120	0.32	0.23	0.03	0.21	12.25	4.9	35



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Sample Description	Method Analyte Units LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
ML04890		0.95	28.6	1.97	2.31	0.05	0.12	0.04	0.020	0.07	5.8	10.6	0.10	466	1.83	0.01
ML04891		0.70	24.5	1.91	1.49	0.05	0.10	0.03	0.013	0.06	4.8	5.9	0.09	238	3.49	0.01
ML04892		0.75	23.6	1.63	1.61	0.05	0.13	0.03	0.014	0.07	5.1	5.9	0.06	186	3.40	0.01
ML04893		0.37	34.5	1.32	0.79	<0.05	0.19	0.02	0.009	0.05	3.1	2.9	0.02	122	2.39	0.01
ML04894		0.73	29.2	1.20	0.94	<0.05	0.33	0.04	0.014	0.08	3.6	1.9	0.01	61	3.67	0.01
ML04895		0.78	23.0	1.53	2.10	<0.05	0.17	0.03	0.015	0.06	3.8	10.0	0.10	103	2.03	0.01
ML04896		1.78	46.6	2.13	2.65	0.05	0.16	0.04	0.024	0.07	5.0	14.9	0.10	133	3.11	0.02
ML04897		1.23	34.5	1.72	2.35	0.05	0.14	0.05	0.020	0.06	6.8	6.2	0.05	90	2.76	0.01
ML04898		0.11	1.4	0.43	0.13	0.07	<0.02	<0.01	<0.005	0.01	0.6	0.8	12.40	190	0.08	0.01
ML04899		1.43	40.0	1.75	2.46	0.06	0.16	0.03	0.022	0.06	7.5	7.9	0.08	79	2.39	0.02
ML04900		1.47	38.1	1.97	2.03	0.05	0.16	0.05	0.025	0.06	6.5	5.7	0.05	97	2.80	0.01
ML04901		0.37	13.1	0.90	0.77	<0.05	0.10	0.02	0.007	0.04	3.8	2.1	0.02	101	2.35	<0.01
ML04902		0.27	11.9	1.10	0.61	<0.05	0.09	0.02	0.007	0.03	3.7	1.8	0.02	153	2.29	<0.01
ML04903		0.41	16.0	1.25	1.35	0.05	0.14	0.02	0.009	0.05	5.2	1.7	0.03	120	2.10	<0.01
ML04904		0.34	24.8	1.35	0.61	<0.05	0.12	0.05	0.009	0.05	3.9	2.9	0.01	178	2.37	0.01
ML04905		0.51	21.8	1.77	1.02	<0.05	0.12	0.05	0.016	0.07	2.6	4.8	0.02	248	2.57	0.01
ML04906		0.82	23.1	2.27	1.69	0.06	0.17	0.04	0.018	0.09	3.8	4.9	0.07	207	2.65	0.01
ML04907		1.06	33.2	2.42	2.29	0.07	0.19	0.04	0.022	0.10	5.9	4.3	0.07	255	2.87	0.01
ML04908		1.03	28.0	2.47	2.64	0.07	0.18	0.03	0.022	0.10	5.4	4.9	0.06	297	2.56	0.01
ML04909		0.72	33.5	2.01	1.16	0.05	0.13	0.04	0.014	0.08	3.7	4.3	0.11	278	2.40	0.01
ML04910		0.29	17.5	1.25	0.58	<0.05	0.08	0.02	0.011	0.05	2.8	2.1	0.18	233	2.12	0.01
ML04911		0.48	40.4	1.98	0.73	<0.05	0.14	0.02	0.011	0.07	2.6	2.4	0.02	414	2.22	0.01
ML04912		0.54	35.2	1.39	0.59	<0.05	0.14	0.07	0.014	0.06	3.9	1.5	0.04	214	3.19	0.01
ML04913		0.43	27.5	1.58	0.70	<0.05	0.08	0.05	0.011	0.06	5.0	2.4	0.01	226	2.60	0.01
ML04914		0.59	18.0	2.02	1.45	0.05	0.10	0.02	0.009	0.06	5.0	3.0	0.03	195	2.02	0.01
ML04915		0.95	64.2	2.14	1.99	0.06	0.20	0.04	0.023	0.11	5.5	8.0	0.05	239	2.57	0.02
ML04916		0.40	35.6	1.38	1.11	<0.05	0.14	0.02	0.011	0.07	3.7	5.1	0.02	156	1.96	0.02
ML04917		0.75	37.3	2.31	1.26	0.05	0.17	0.02	0.012	0.06	4.6	5.8	0.03	340	2.10	0.02
ML04918		0.94	29.8	1.65	1.29	0.05	0.16	0.02	0.015	0.07	5.4	4.4	0.02	190	2.04	0.02
ML04919		0.84	29.9	1.84	1.25	0.05	0.15	0.02	0.012	0.06	5.1	6.0	0.03	225	2.68	0.02
ML04920		1.46	52.2	2.37	1.98	0.07	0.23	0.03	0.021	0.08	7.4	12.5	0.06	291	2.80	0.02
ML04921		0.52	31.9	1.75	1.08	<0.05	0.14	0.02	0.011	0.06	4.2	4.5	0.05	378	1.90	0.01
ML04922		1.11	20.2	1.60	1.89	0.05	0.12	0.04	0.019	0.05	4.9	6.4	0.04	181	2.03	0.02
ML04923		1.12	18.3	1.52	2.49	0.06	0.12	0.02	0.015	0.06	5.9	6.1	0.07	102	2.10	0.02
ML04924		2.21	38.0	2.17	4.13	0.07	0.17	0.04	0.031	0.09	8.4	13.2	0.13	116	2.31	0.03
ML04925		1.24	20.8	1.57	2.60	0.05	0.11	0.02	0.016	0.05	6.9	9.5	0.10	95	2.21	0.03
ML04926		1.13	21.4	1.74	2.78	0.06	0.12	0.02	0.016	0.06	7.3	8.1	0.09	94	2.22	0.02
ML04927		0.45	9.2	1.12	1.11	<0.05	0.06	0.02	0.006	0.03	4.0	4.7	0.04	89	2.10	0.02
ML04928		0.80	9.0	0.95	1.52	<0.05	0.09	0.02	0.009	0.04	5.4	4.6	0.04	54	1.91	0.02
ML04929		1.16	67.6	6.57	6.24	0.11	0.17	0.04	0.027	0.07	6.2	12.6	0.15	256	2.73	0.02



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ML04890		<0.05	38.2	490	13.6	3.5	<0.001	0.01	3.30	2.2	0.9	0.2	20.6	<0.01	0.04	5.0
ML04891		<0.05	26.1	440	8.3	2.9	<0.001	0.01	2.72	1.7	0.5	0.2	16.9	<0.01	0.03	4.2
ML04892		<0.05	22.7	400	8.6	3.6	<0.001	<0.01	2.23	1.8	0.4	0.2	12.1	<0.01	0.02	4.4
ML04893		<0.05	29.2	230	6.7	2.6	<0.001	<0.01	1.75	1.2	0.6	<0.2	6.4	<0.01	0.03	2.1
ML04894		<0.05	18.9	150	9.8	4.0	<0.001	0.01	1.96	1.0	1.1	0.2	9.3	<0.01	0.07	2.4
ML04895		<0.05	17.9	380	7.9	3.2	0.001	0.01	2.54	1.4	0.6	0.2	12.9	<0.01	0.03	3.5
ML04896		<0.05	29.6	420	12.3	3.7	0.001	0.01	3.87	2.5	0.7	0.2	14.8	<0.01	0.03	4.9
ML04897		<0.05	17.2	360	11.2	3.1	0.001	0.02	3.39	2.4	0.8	0.2	24.9	<0.01	0.03	5.3
ML04898		0.09	1.8	200	1.2	0.6	<0.001	0.01	<0.05	0.3	0.2	<0.2	41.4	<0.01	0.01	<0.2
ML04899		<0.05	12.0	420	12.2	3.4	<0.001	0.02	3.49	2.7	0.7	0.2	24.5	<0.01	0.03	5.3
ML04900		<0.05	12.0	430	19.7	3.1	0.001	0.02	5.22	2.7	0.8	0.2	23.5	<0.01	0.04	4.8
ML04901		<0.05	11.6	200	4.4	2.0	<0.001	<0.01	2.25	1.0	0.3	<0.2	7.0	<0.01	0.01	2.5
ML04902		<0.05	11.7	220	5.5	1.7	<0.001	<0.01	2.56	1.0	0.3	<0.2	6.3	<0.01	0.01	2.4
ML04903		<0.05	15.3	310	5.3	2.6	<0.001	<0.01	3.41	1.4	0.4	0.2	7.3	<0.01	0.01	3.1
ML04904		<0.05	20.4	240	5.4	2.7	<0.001	<0.01	3.61	1.0	0.6	<0.2	8.3	<0.01	0.02	2.5
ML04905		<0.05	25.1	330	7.6	3.4	<0.001	<0.01	6.08	1.4	0.7	<0.2	13.8	<0.01	0.02	3.1
ML04906		<0.05	30.4	480	8.6	4.3	<0.001	0.01	10.05	2.1	1.1	0.2	20.7	<0.01	0.03	4.3
ML04907		<0.05	36.5	540	11.7	4.7	0.001	0.01	9.24	2.6	1.4	0.2	19.4	<0.01	0.04	6.2
ML04908		<0.05	34.1	580	10.2	4.8	<0.001	<0.01	6.88	2.8	1.1	0.2	16.3	<0.01	0.03	6.4
ML04909		<0.05	38.2	340	9.2	3.8	<0.001	0.01	6.34	1.7	0.9	<0.2	15.6	<0.01	0.02	3.1
ML04910		<0.05	25.9	190	3.6	2.5	<0.001	<0.01	2.89	1.0	0.4	<0.2	16.6	<0.01	0.02	2.1
ML04911		<0.05	29.6	230	4.0	3.5	<0.001	<0.01	7.64	1.7	0.6	<0.2	11.3	<0.01	0.03	2.8
ML04912		<0.05	24.6	200	4.7	2.9	<0.001	<0.01	8.03	1.1	0.6	<0.2	12.5	<0.01	0.06	2.8
ML04913		<0.05	29.1	240	5.4	2.8	<0.001	<0.01	2.89	1.2	0.6	<0.2	10.0	<0.01	0.03	3.2
ML04914		<0.05	16.3	250	6.0	2.9	<0.001	<0.01	4.75	1.5	0.4	0.2	10.3	<0.01	0.01	3.4
ML04915		<0.05	50.1	370	6.8	5.0	<0.001	<0.01	3.88	2.2	1.2	0.2	14.5	<0.01	0.04	5.6
ML04916		<0.05	22.3	230	4.3	3.2	<0.001	<0.01	2.30	1.3	0.7	<0.2	12.1	<0.01	0.03	2.7
ML04917		<0.05	30.7	260	7.0	3.1	0.001	<0.01	6.43	1.8	1.3	<0.2	16.7	<0.01	0.05	3.0
ML04918		<0.05	19.6	350	7.9	3.3	0.001	0.01	2.91	1.7	0.8	<0.2	29.3	<0.01	0.05	4.1
ML04919		<0.05	25.2	320	7.5	2.8	<0.001	<0.01	2.56	1.7	0.9	<0.2	20.5	<0.01	0.02	4.4
ML04920		<0.05	43.4	440	10.0	4.3	<0.001	<0.01	2.56	2.5	1.8	0.2	26.9	<0.01	0.05	5.7
ML04921		<0.05	21.4	220	3.8	2.8	<0.001	<0.01	1.12	1.5	0.6	<0.2	13.9	<0.01	0.02	2.6
ML04922		<0.05	13.1	330	8.1	2.8	0.002	<0.01	2.43	2.2	1.0	0.2	24.0	<0.01	0.03	4.2
ML04923		<0.05	15.5	370	7.4	3.0	0.002	<0.01	2.40	2.2	0.7	0.2	17.9	<0.01	0.03	4.5
ML04924		<0.05	23.1	670	15.5	4.7	0.002	<0.01	4.08	3.2	1.0	0.3	23.7	<0.01	0.05	7.1
ML04925		<0.05	16.2	390	7.9	2.8	0.001	<0.01	2.39	2.3	0.6	0.2	23.1	<0.01	0.03	5.0
ML04926		<0.05	15.2	370	7.9	3.3	0.001	<0.01	2.42	2.1	0.6	0.2	26.9	<0.01	0.03	5.2
ML04927		<0.05	8.5	230	2.7	1.8	0.001	<0.01	2.17	1.2	0.5	<0.2	13.0	<0.01	0.01	2.5
ML04928		<0.05	7.8	190	4.2	2.3	0.001	<0.01	1.54	1.3	0.4	<0.2	17.3	<0.01	0.02	3.3
ML04929		0.10	30.9	880	14.0	3.9	<0.001	0.02	9.44	3.0	2.1	0.3	15.5	<0.01	0.10	5.4



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ML04890		<0.005	0.03	0.73	17	0.79	2.75	72	6.2
ML04891		<0.005	0.03	0.65	11	3.32	2.37	51	5.3
ML04892		<0.005	0.03	0.52	10	2.24	2.26	46	5.9
ML04893		<0.005	0.02	0.44	7	3.49	1.38	50	8.4
ML04894		<0.005	0.03	0.47	9	1.67	1.13	56	14.8
ML04895		<0.005	0.03	0.56	17	4.70	1.55	41	6.9
ML04896		<0.005	0.03	1.58	19	2.50	2.53	62	6.7
ML04897		<0.005	0.03	0.72	17	2.34	2.58	53	6.2
ML04898		<0.005	<0.02	0.52	1	0.06	0.80	12	<0.5
ML04899		<0.005	0.03	1.32	18	1.94	2.37	50	7.2
ML04900		<0.005	0.03	1.54	17	2.58	2.14	49	6.3
ML04901		<0.005	0.02	0.32	5	7.27	1.31	24	3.7
ML04902		<0.005	<0.02	0.26	4	7.52	1.55	22	3.8
ML04903		<0.005	0.02	0.35	9	4.02	1.74	27	5.9
ML04904		<0.005	0.02	0.38	5	4.80	1.69	39	4.8
ML04905		<0.005	0.03	0.38	8	3.47	2.40	62	4.8
ML04906		<0.005	0.03	0.67	12	2.23	3.02	69	7.4
ML04907		<0.005	0.03	0.55	16	1.49	3.63	78	8.8
ML04908		<0.005	0.04	0.48	17	1.58	3.96	82	7.9
ML04909		<0.005	0.03	0.45	9	3.14	2.99	78	5.7
ML04910		<0.005	0.02	0.25	6	3.72	2.29	55	3.3
ML04911		<0.005	0.03	0.39	8	3.80	3.46	50	6.6
ML04912		<0.005	0.04	0.43	7	4.40	1.94	57	6.1
ML04913		<0.005	0.02	0.48	6	3.82	2.31	45	3.8
ML04914		<0.005	0.02	0.46	9	3.04	1.84	36	3.9
ML04915		<0.005	0.04	0.72	16	1.42	3.52	89	9.0
ML04916		<0.005	0.02	0.35	9	1.95	1.62	42	6.2
ML04917		<0.005	0.02	0.43	11	2.22	2.46	53	7.2
ML04918		<0.005	0.03	0.50	10	2.62	1.68	35	7.0
ML04919		<0.005	0.02	0.44	9	2.85	2.47	49	6.0
ML04920		<0.005	0.03	0.63	15	2.13	3.31	83	10.9
ML04921		<0.005	0.02	0.29	10	3.01	1.71	39	6.2
ML04922		<0.005	0.02	0.56	14	2.55	1.49	32	5.3
ML04923		<0.005	0.02	0.52	18	1.90	1.68	41	5.1
ML04924		<0.005	0.03	0.91	29	1.04	2.51	55	7.8
ML04925		<0.005	0.02	0.58	17	2.70	1.72	40	4.7
ML04926		<0.005	0.03	0.57	19	1.48	1.53	41	5.5
ML04927		<0.005	<0.02	0.31	8	6.55	1.25	18	2.6
ML04928		<0.005	<0.02	0.48	10	3.35	1.06	19	3.7
ML04929		<0.005	0.04	0.87	50	0.59	1.98	86	9.8



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ML04930		0.41	0.005	0.52	1.26	39.9	<0.2	<10	120	0.28	0.18	0.03	0.19	11.85	4.7	30
ML04931		0.92	<0.005	0.28	0.73	10.1	<0.2	<10	90	0.21	0.14	0.03	0.12	9.87	5.2	24
ML04932		0.25	<0.005	0.15	0.45	9.4	<0.2	<10	70	0.15	0.08	0.03	0.11	9.26	4.4	19
ML04933		0.53	<0.005	0.21	0.43	5.3	<0.2	<10	110	0.16	0.10	0.06	0.11	8.76	5.2	16
ML04934		0.47	<0.005	0.11	0.43	7.1	<0.2	<10	60	0.13	0.07	0.15	0.07	10.50	4.5	15
ML04935		0.53	<0.005	0.13	0.46	7.5	<0.2	<10	80	0.16	0.07	0.06	0.11	10.05	3.5	17
ML04936		0.49	<0.005	0.11	0.49	11.5	<0.2	<10	70	0.17	0.07	0.05	0.12	9.18	5.2	18
ML04937		0.56	<0.005	0.10	0.27	3.6	<0.2	<10	60	0.10	0.05	0.02	0.08	8.20	4.0	13
ML04938		0.50	<0.005	0.30	0.59	7.5	<0.2	<10	120	0.19	0.11	0.03	0.12	8.22	5.2	17
ML04939		0.61	<0.005	0.27	0.53	9.6	<0.2	<10	110	0.21	0.10	0.05	0.12	8.64	4.0	17
ML04940		0.99	<0.005	0.01	0.04	<2	<0.2	<10	20	<0.05	0.02	19.90	0.05	1.27	1.3	<1
ML04941		0.59	0.008	0.22	0.55	7.6	<0.2	<10	100	0.18	0.10	0.09	0.18	9.80	5.6	19
ML04942		0.71	<0.005	0.16	0.59	5.6	<0.2	<10	90	0.16	0.08	0.16	0.10	9.04	4.4	20
ML04943		0.56	<0.005	0.18	0.75	9.1	<0.2	<10	80	0.19	0.10	0.03	0.08	10.30	1.8	21
ML04944		0.39	<0.005	0.26	0.51	30.3	<0.2	<10	80	0.24	0.09	0.02	0.10	8.93	7.1	16
ML04945		0.56	<0.005	0.21	0.49	13.8	<0.2	<10	80	0.19	0.10	0.02	0.07	10.10	2.1	19
ML04946		0.40	0.009	0.20	0.25	33.7	<0.2	<10	60	0.19	0.06	0.01	0.08	6.41	6.2	12
ML04947		0.65	0.008	0.48	0.30	61.5	<0.2	<10	70	0.25	0.11	0.01	0.11	8.85	6.2	14
ML04948		0.56	<0.005	0.37	0.25	37.9	<0.2	<10	50	0.20	0.16	0.01	0.07	9.85	5.0	12
ML04949		0.73	0.006	0.32	0.28	47.4	<0.2	<10	70	0.24	0.07	0.02	0.10	9.56	19.7	13
ML04950		0.82	<0.005	0.14	0.13	9.7	<0.2	<10	40	0.11	0.03	0.03	0.09	6.02	5.6	10
ML04951		0.68	<0.005	0.35	0.75	41.3	<0.2	<10	120	0.35	0.17	0.13	0.49	10.20	11.3	19
ML04952		0.79	<0.005	0.27	0.31	28.8	<0.2	<10	80	0.16	0.09	0.04	0.28	6.26	5.7	13
ML04953		0.88	<0.005	0.11	0.15	29.8	<0.2	<10	50	0.09	0.04	0.46	0.19	4.85	4.0	10
ML04954		0.78	0.008	0.25	0.16	41.2	<0.2	<10	50	0.09	0.07	0.29	0.17	5.04	4.0	12
ML04955		0.65	<0.005	0.06	0.10	8.6	<0.2	<10	40	0.09	0.03	0.60	0.10	4.95	2.5	8
ML04956		0.60	0.005	0.25	0.14	20.8	<0.2	<10	50	0.08	0.05	0.12	0.25	3.86	4.4	10
ML04957		0.79	0.005	0.12	0.17	20.4	<0.2	<10	50	0.12	0.05	0.02	0.17	5.63	255	10
ML04958		0.34	0.012	0.64	0.66	104.0	<0.2	<10	110	0.24	0.12	0.07	0.21	15.15	7.7	15
ML04959		1.18	0.010	0.37	0.61	73.0	<0.2	<10	100	0.23	0.11	0.07	0.18	15.20	7.0	14
ML04960		1.16	0.006	0.28	0.73	33.9	<0.2	<10	100	0.24	0.13	0.07	0.15	17.85	3.4	17
ML04961		1.42	<0.005	0.20	0.64	24.0	<0.2	<10	80	0.23	0.13	0.05	0.09	13.40	4.1	16
ML04962		0.79	<0.005	0.11	0.36	13.4	<0.2	<10	60	0.18	0.08	0.04	0.10	10.75	5.3	12
ML04963		0.27	<0.005	0.11	0.25	11.9	<0.2	<10	50	0.12	0.07	0.03	0.06	10.75	6.2	12
ML04964		0.36	<0.005	0.16	0.46	13.0	<0.2	<10	80	0.19	0.10	0.03	0.07	13.40	6.4	12
ML04965		0.48	<0.005	0.26	0.66	26.6	<0.2	<10	70	0.23	0.14	0.05	0.08	12.90	6.7	16
ML04966		0.59	<0.005	0.24	0.79	28.0	<0.2	<10	80	0.22	0.14	0.04	0.07	13.75	4.9	17
ML04967		0.54	<0.005	0.19	0.69	20.3	<0.2	<10	70	0.20	0.11	0.04	0.06	13.20	4.7	17
ML04968		0.48	<0.005	0.26	0.75	22.7	<0.2	<10	100	0.30	0.16	0.04	0.09	16.80	7.0	17
ML04969		0.46	<0.005	0.21	0.57	20.3	<0.2	<10	90	0.22	0.14	0.03	0.07	10.15	4.3	14



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ML04930		1.12	60.3	5.88	5.80	0.11	0.16	0.04	0.026	0.07	5.9	15.6	0.17	235	2.56
ML04931		0.85	33.7	3.21	2.57	0.06	0.17	0.03	0.018	0.05	5.0	5.2	0.06	234	2.73
ML04932		0.66	21.8	1.94	1.35	<0.05	0.13	0.03	0.009	0.05	4.5	3.5	0.04	202	2.77
ML04933		0.54	36.6	1.81	1.33	<0.05	0.19	0.02	0.012	0.07	4.4	3.2	0.03	243	2.24
ML04934		0.47	12.5	1.42	1.22	0.05	0.13	0.02	0.007	0.05	5.0	6.4	0.06	128	1.73
ML04935		0.68	12.7	1.47	1.25	0.05	0.14	0.02	0.009	0.06	4.8	2.6	0.03	158	1.89
ML04936		0.57	15.7	1.68	1.45	0.05	0.13	0.03	0.011	0.05	4.3	5.3	0.04	152	2.40
ML04937		0.33	12.0	1.38	0.79	<0.05	0.11	0.02	0.007	0.05	3.9	2.0	0.02	140	1.91
ML04938		0.53	35.7	2.05	1.67	0.05	0.18	0.04	0.017	0.07	4.1	4.0	0.04	197	3.15
ML04939		0.71	27.6	1.82	1.48	0.05	0.14	0.06	0.016	0.06	4.2	4.9	0.02	137	2.42
ML04940		0.24	1.7	0.43	0.15	<0.05	<0.02	<0.01	<0.005	0.02	0.6	1.1	12.55	209	0.07
ML04941		0.70	23.0	1.63	1.51	0.05	0.14	0.05	0.014	0.06	4.9	5.2	0.04	218	2.51
ML04942		0.66	16.6	1.28	1.69	<0.05	0.10	0.05	0.012	0.06	4.5	4.9	0.07	95	2.25
ML04943		0.65	20.6	1.55	2.30	0.05	0.11	0.03	0.015	0.05	4.9	4.9	0.05	70	2.26
ML04944		1.11	29.5	2.01	1.53	0.05	0.12	0.05	0.018	0.06	4.0	6.5	0.03	154	2.04
ML04945		0.85	24.6	1.67	1.50	<0.05	0.13	0.04	0.014	0.06	4.7	6.6	0.04	72	2.49
ML04946		0.59	25.0	1.32	0.74	<0.05	0.08	0.04	0.009	0.04	2.9	3.5	0.01	102	2.16
ML04947		0.64	37.9	1.81	0.84	<0.05	0.13	0.11	0.015	0.05	4.0	3.3	0.01	132	2.66
ML04948		0.50	21.1	1.15	0.76	<0.05	0.05	0.05	0.028	0.04	4.6	6.4	0.03	71	1.84
ML04949		0.46	26.4	1.50	0.75	<0.05	0.08	0.20	0.007	0.05	4.4	3.5	0.01	114	2.64
ML04950		0.20	12.8	0.88	0.38	<0.05	0.06	0.06	<0.005	0.03	2.8	2.2	0.01	125	1.94
ML04951		0.82	27.6	2.35	2.06	0.07	0.19	0.04	0.013	0.08	4.9	4.8	0.04	336	2.41
ML04952		0.41	38.0	1.75	0.92	0.05	0.13	0.02	0.007	0.05	3.0	2.3	0.02	410	2.01
ML04953		0.27	22.9	1.21	0.45	<0.05	0.09	0.03	<0.005	0.04	2.4	1.5	0.11	206	2.25
ML04954		0.28	44.7	1.34	0.54	<0.05	0.10	0.03	0.010	0.04	2.5	1.6	0.09	198	2.63
ML04955		0.13	18.6	0.96	0.28	<0.05	0.06	0.02	<0.005	0.03	2.3	1.0	0.15	194	1.87
ML04956		0.24	24.3	1.40	0.39	<0.05	0.08	0.03	<0.005	0.04	1.8	1.1	0.04	261	2.30
ML04957		0.42	16.6	1.26	0.46	<0.05	0.06	0.18	<0.005	0.05	2.6	1.8	0.01	137	1.38
ML04958		0.83	34.6	1.88	2.01	0.06	0.03	0.05	0.013	0.06	7.5	9.6	0.10	236	1.50
ML04959		0.73	32.9	1.69	1.84	0.05	0.04	0.04	0.010	0.06	7.4	9.6	0.10	186	1.54
ML04960		0.98	26.7	1.54	2.25	0.06	0.10	0.02	0.012	0.06	8.7	8.4	0.08	112	1.76
ML04961		1.12	24.0	1.26	1.90	0.05	0.11	0.04	0.010	0.04	6.2	6.8	0.05	63	1.81
ML04962		0.55	23.0	1.18	1.00	<0.05	0.10	0.02	0.005	0.04	4.7	3.6	0.02	69	1.32
ML04963		0.39	25.3	0.91	0.74	<0.05	0.09	0.02	<0.005	0.04	4.8	2.3	0.01	64	2.40
ML04964		0.78	24.2	1.08	1.35	<0.05	0.12	0.01	0.005	0.05	6.3	5.9	0.03	60	2.08
ML04965		0.94	25.7	1.24	1.95	0.05	0.15	0.03	0.011	0.04	6.1	5.1	0.04	57	2.29
ML04966		1.06	22.2	1.36	2.33	0.05	0.15	0.03	0.012	0.05	6.6	5.5	0.05	62	2.22
ML04967		0.90	17.4	1.19	1.97	0.05	0.17	0.03	0.009	0.04	6.2	5.6	0.06	53	2.27
ML04968		1.38	28.6	1.58	2.20	0.05	0.20	0.03	0.014	0.07	7.9	7.1	0.05	74	2.26
ML04969		1.00	22.2	1.14	1.60	<0.05	0.14	0.02	0.008	0.06	4.9	3.1	0.03	75	2.03



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ML04930		0.09	28.4	810	11.1	3.9	<0.001	0.01	7.44	2.9	1.7	0.3	15.2	<0.01	0.09	5.3
ML04931		0.05	23.8	520	7.0	2.9	<0.001	<0.01	2.51	1.9	0.9	0.2	15.3	<0.01	0.05	4.2
ML04932		<0.05	16.8	310	4.8	2.6	<0.001	<0.01	1.39	1.4	0.4	0.2	9.2	<0.01	0.02	3.4
ML04933		<0.05	27.4	290	5.1	3.6	<0.001	<0.01	1.14	1.6	0.6	<0.2	10.1	<0.01	0.03	3.3
ML04934		<0.05	13.6	280	5.2	2.3	<0.001	<0.01	0.93	1.4	0.3	<0.2	8.8	<0.01	0.01	2.9
ML04935		<0.05	13.4	350	6.3	2.8	<0.001	<0.01	1.39	1.4	0.4	<0.2	10.7	<0.01	0.01	3.5
ML04936		<0.05	16.1	350	6.7	2.6	<0.001	<0.01	1.88	1.5	0.4	<0.2	9.8	<0.01	0.02	3.6
ML04937		<0.05	14.4	200	4.1	2.3	<0.001	<0.01	0.82	1.3	0.3	<0.2	6.3	<0.01	0.01	2.4
ML04938		<0.05	28.6	330	6.4	3.6	<0.001	<0.01	2.00	1.9	0.8	<0.2	12.7	<0.01	0.04	3.0
ML04939		<0.05	16.6	440	5.7	3.0	<0.001	<0.01	2.71	1.5	0.7	<0.2	23.0	<0.01	0.03	3.8
ML04940		0.11	1.9	210	1.2	1.4	<0.001	0.08	<0.05	0.3	0.2	<0.2	45.4	<0.01	0.01	<0.2
ML04941		<0.05	25.3	480	6.0	2.9	<0.001	<0.01	1.69	1.7	0.7	0.2	22.4	<0.01	0.03	3.9
ML04942		<0.05	11.7	460	4.8	2.7	<0.001	<0.01	1.57	1.5	0.4	0.2	22.0	<0.01	0.02	3.6
ML04943		<0.05	7.9	280	6.4	2.6	<0.001	<0.01	2.30	1.8	0.5	0.2	15.8	<0.01	0.02	4.1
ML04944		<0.05	25.3	330	5.4	3.3	<0.001	<0.01	2.95	1.8	0.6	<0.2	12.7	<0.01	0.02	4.2
ML04945		<0.05	9.1	260	5.4	2.9	<0.001	<0.01	2.38	1.3	0.5	<0.2	15.5	<0.01	0.02	3.9
ML04946		<0.05	22.4	240	12.0	2.3	<0.001	<0.01	2.33	1.2	0.5	<0.2	8.7	<0.01	0.01	2.6
ML04947		<0.05	31.2	360	11.2	2.9	0.001	<0.01	4.22	1.6	0.9	<0.2	9.6	<0.01	0.03	3.2
ML04948		<0.05	17.9	250	23.1	2.0	<0.001	<0.01	1.98	1.1	0.5	<0.2	9.5	<0.01	0.02	2.8
ML04949		<0.05	21.4	320	6.6	2.7	0.002	<0.01	3.26	1.4	0.7	<0.2	13.0	<0.01	0.01	3.6
ML04950		<0.05	11.1	200	4.5	1.5	0.001	<0.01	1.37	0.7	0.3	<0.2	7.1	<0.01	0.01	1.7
ML04951		<0.05	41.8	760	10.5	4.2	<0.001	<0.01	7.30	2.2	0.8	0.2	16.5	<0.01	0.03	5.8
ML04952		<0.05	34.4	260	5.1	2.6	<0.001	<0.01	3.78	1.4	0.7	<0.2	7.6	<0.01	0.02	2.9
ML04953		<0.05	29.1	220	3.9	1.9	<0.001	<0.01	2.63	1.0	0.5	<0.2	12.0	<0.01	0.02	1.9
ML04954		<0.05	34.8	190	5.1	1.9	<0.001	<0.01	3.84	1.3	0.6	<0.2	10.4	<0.01	0.02	1.9
ML04955		<0.05	14.2	170	2.8	1.4	<0.001	<0.01	1.09	0.6	0.4	<0.2	12.0	<0.01	0.01	1.6
ML04956		<0.05	26.0	210	4.7	2.0	<0.001	<0.01	2.04	1.0	0.4	<0.2	8.0	<0.01	0.02	1.9
ML04957		<0.05	15.4	210	4.0	2.5	0.002	<0.01	1.38	0.8	0.3	<0.2	10.1	<0.01	0.01	2.3
ML04958		0.15	20.6	400	12.6	3.6	<0.001	0.01	8.02	1.9	0.9	0.2	16.6	<0.01	0.03	3.9
ML04959		0.15	20.7	380	9.4	3.3	<0.001	<0.01	4.85	1.8	0.9	0.2	15.4	<0.01	0.02	3.8
ML04960		0.11	14.6	440	9.1	3.4	0.001	<0.01	3.60	2.0	0.8	0.2	19.3	<0.01	0.03	5.4
ML04961		0.05	10.7	420	7.5	2.6	0.001	<0.01	3.31	1.7	0.6	0.2	17.0	<0.01	0.02	4.8
ML04962		<0.05	15.7	310	6.7	2.0	<0.001	<0.01	1.79	1.2	0.4	<0.2	9.3	<0.01	0.01	3.1
ML04963		<0.05	15.2	210	6.4	2.0	<0.001	<0.01	1.54	0.8	0.4	<0.2	7.1	<0.01	0.01	2.7
ML04964		<0.05	16.6	240	6.0	2.8	0.001	<0.01	2.27	1.3	0.7	<0.2	15.7	<0.01	0.02	3.7
ML04965		<0.05	19.2	350	7.4	2.5	0.001	<0.01	4.15	1.9	0.7	0.2	18.7	<0.01	0.02	4.6
ML04966		<0.05	16.4	360	9.8	2.9	0.001	<0.01	4.47	1.9	0.8	0.2	22.0	<0.01	0.02	4.9
ML04967		<0.05	14.7	330	10.8	2.5	0.001	<0.01	3.60	1.9	0.7	0.2	16.1	<0.01	0.02	4.4
ML04968		<0.05	24.0	380	18.6	3.8	0.001	<0.01	3.60	2.0	0.9	0.2	23.0	<0.01	0.04	5.4
ML04969		<0.05	14.5	320	7.1	3.2	0.001	<0.01	3.04	1.3	0.8	0.2	20.0	<0.01	0.04	4.1



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ML04930		<0.005	0.03	0.82	45	0.64	1.89	81	9.5
ML04931		<0.005	0.02	0.83	23	4.16	1.63	49	7.9
ML04932		<0.005	0.02	0.47	11	6.31	1.63	34	5.5
ML04933		<0.005	0.03	0.45	11	2.59	1.98	51	8.5
ML04934		<0.005	0.02	0.35	8	4.56	1.59	30	5.1
ML04935		<0.005	0.02	0.43	8	3.85	1.83	30	5.1
ML04936		<0.005	0.02	0.47	9	4.37	1.75	32	5.5
ML04937		<0.005	0.02	0.37	6	4.00	1.45	28	4.7
ML04938		<0.005	0.03	0.60	15	2.84	1.88	65	8.0
ML04939		<0.005	0.03	0.57	13	3.22	1.95	47	6.0
ML04940		<0.005	<0.02	0.52	1	0.05	0.90	14	<0.5
ML04941		<0.005	0.03	0.56	11	3.73	2.20	49	5.7
ML04942		<0.005	0.02	0.46	11	18.10	1.75	35	4.3
ML04943		<0.005	0.02	0.61	16	3.15	1.46	32	4.7
ML04944		<0.005	0.03	0.71	11	2.78	2.01	69	5.3
ML04945		<0.005	0.02	0.53	11	3.56	1.22	41	5.2
ML04946		<0.005	0.03	0.49	6	3.77	1.99	57	3.2
ML04947		<0.005	0.03	0.88	9	3.29	2.61	71	5.5
ML04948		<0.005	0.02	0.54	5	3.76	1.90	63	2.1
ML04949		<0.005	0.04	0.66	6	104.5	2.67	55	3.1
ML04950		<0.005	0.02	0.35	3	25.3	1.62	24	2.3
ML04951		<0.005	0.03	0.53	13	2.88	4.10	83	8.4
ML04952		<0.005	0.02	0.36	8	2.31	2.43	59	5.3
ML04953		<0.005	0.02	0.28	4	4.76	2.16	58	3.6
ML04954		<0.005	0.02	0.33	6	6.17	1.96	81	4.1
ML04955		<0.005	0.02	0.27	2	6.74	1.48	37	2.1
ML04956		<0.005	0.02	0.25	3	4.69	2.76	54	3.4
ML04957		<0.005	0.04	0.40	3	350	1.72	30	2.2
ML04958		0.007	0.04	0.95	17	28.4	2.99	56	2.0
ML04959		0.008	0.04	0.95	16	30.3	3.05	50	2.6
ML04960		0.007	0.03	1.04	18	1.67	3.11	41	5.0
ML04961		<0.005	0.02	0.88	14	19.05	2.04	28	5.0
ML04962		<0.005	0.02	0.54	7	4.21	1.61	34	3.9
ML04963		<0.005	0.02	0.40	5	15.70	1.25	24	3.8
ML04964		<0.005	0.02	0.50	9	2.38	1.66	39	4.9
ML04965		<0.005	0.02	0.78	14	8.92	1.79	43	5.9
ML04966		<0.005	0.02	0.80	16	1.62	1.70	44	6.3
ML04967		<0.005	0.02	0.81	13	5.31	1.64	37	6.6
ML04968		<0.005	0.03	0.79	15	1.71	2.23	52	8.7
ML04969		<0.005	0.03	0.49	12	6.15	1.40	33	5.7



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ML04970		0.71	0.005	0.20	0.33	28.8	<0.2	<10	70	0.15	0.07	0.02	0.15	8.53	5.1	12
ML04971		0.59	<0.005	0.16	0.15	19.9	<0.2	<10	50	0.11	0.05	0.02	0.08	5.90	3.2	9
ML04972		0.63	<0.005	0.14	0.20	18.2	<0.2	<10	70	0.12	0.05	0.02	0.13	5.92	3.7	9
ML04973		0.59	<0.005	0.22	0.52	26.8	<0.2	<10	110	0.22	0.13	0.06	0.41	11.95	8.9	15
ML04974		0.49	<0.005	0.16	0.75	37.2	<0.2	<10	120	0.30	0.12	0.07	0.51	13.90	9.4	19
ML04975		0.58	<0.005	0.20	0.26	45.3	<0.2	<10	80	0.15	0.08	0.01	0.31	8.74	6.4	12
ML04976		1.11	<0.005	0.11	0.16	28.6	<0.2	<10	60	0.11	0.04	0.01	0.18	6.91	2.9	11
ML04977		0.19	0.046	0.48	0.64	337	<0.2	<10	120	0.24	0.13	0.04	0.12	14.25	3.4	16
ML04978		1.36	<0.005	0.01	0.03	3	<0.2	<10	10	<0.05	0.01	20.5	0.05	1.25	1.0	1
ML04979		0.34	0.055	0.37	0.59	271	<0.2	<10	100	0.27	0.13	0.09	0.13	14.45	3.2	14
ML04980		0.54	0.013	0.28	0.74	117.0	<0.2	<10	110	0.27	0.12	0.12	0.19	16.35	4.3	17
ML04981		1.32	0.010	0.34	0.81	58.5	<0.2	<10	140	0.33	0.18	0.13	0.23	17.85	6.6	19
ML04982		1.13	<0.005	0.14	0.33	17.9	<0.2	<10	60	0.13	0.10	0.05	0.09	7.23	5.7	14
ML04983		0.66	<0.005	0.13	0.25	23.9	<0.2	<10	50	0.12	0.06	0.05	0.07	8.09	4.9	14
ML04984		0.50	<0.005	0.26	0.47	15.7	<0.2	<10	70	0.28	0.12	0.05	0.17	11.05	8.8	13
ML04985		0.31	<0.005	0.14	0.24	7.8	<0.2	<10	40	0.12	0.06	0.05	0.10	7.03	4.9	12
ML04986		0.52	<0.005	0.13	0.39	8.8	<0.2	<10	60	0.17	0.09	0.06	0.11	10.60	6.1	13
ML04987		0.54	<0.005	0.15	0.66	10.4	<0.2	<10	80	0.21	0.13	0.09	0.14	13.85	8.8	17
ML04988		0.55	<0.005	0.20	0.65	10.4	<0.2	<10	70	0.19	0.17	0.09	0.14	12.30	8.7	18
ML04989		0.62	<0.005	0.16	0.69	8.6	<0.2	<10	90	0.24	0.13	0.04	0.06	14.75	3.7	17
ML04990		0.52	<0.005	0.17	0.55	10.2	<0.2	<10	80	0.20	0.10	0.02	0.07	9.55	5.6	14
ML04991		0.64	<0.005	0.22	0.56	22.5	<0.2	<10	90	0.18	0.09	0.02	0.10	12.75	6.8	14
ML04992		0.45	<0.005	0.17	0.29	13.2	<0.2	<10	50	0.15	0.07	0.01	0.11	7.83	5.8	10
ML04993		0.60	<0.005	0.32	0.79	24.4	<0.2	<10	130	0.32	0.15	0.06	0.57	10.35	9.9	20
ML04994		0.42	0.007	0.43	0.26	32.9	<0.2	<10	110	0.15	0.13	0.02	0.55	7.51	7.4	11
ML04995		0.66	0.006	0.30	0.24	31.8	<0.2	<10	90	0.13	0.08	0.02	0.37	8.36	5.7	12
ML04996		0.68	<0.005	0.19	0.25	20.0	<0.2	<10	60	0.12	0.06	0.48	0.31	7.54	4.2	12
ML04997		0.67	<0.005	0.20	0.33	16.4	<0.2	<10	80	0.20	0.09	0.19	0.30	11.05	5.5	11
ML04998		0.60	<0.005	0.25	0.42	15.1	<0.2	<10	110	0.19	0.09	0.03	0.37	8.23	5.1	15
ML04999		0.59	0.009	0.33	0.82	7.8	<0.2	<10	180	0.38	0.22	0.08	0.39	10.35	10.6	22
ML05000		0.45	0.006	0.23	0.59	4.8	<0.2	<10	160	0.26	0.14	0.07	0.33	9.20	6.7	17



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CERTIFICATE OF ANALYSIS WH11156859

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ML04970		0.49	22.4	1.33	0.90	<0.05	0.15	0.01	0.005	0.05	4.0	2.1	0.02	151	3.30
ML04971		0.36	13.1	1.05	0.44	<0.05	0.07	0.02	<0.005	0.03	2.9	2.2	0.01	70	2.05
ML04972		0.43	10.9	1.07	0.56	<0.05	0.08	0.02	<0.005	0.05	2.7	3.1	0.01	98	1.87
ML04973		0.94	24.5	2.21	1.47	0.06	0.19	0.02	0.010	0.07	5.8	5.5	0.03	227	2.36
ML04974		0.96	23.7	2.86	2.04	0.08	0.18	0.02	0.014	0.08	6.9	9.7	0.06	407	2.37
ML04975		0.47	32.2	1.75	0.74	0.05	0.12	0.03	0.006	0.05	4.3	3.3	0.02	284	2.36
ML04976		0.31	17.4	0.82	0.42	<0.05	0.06	0.06	<0.005	0.04	3.4	2.3	0.01	127	1.87
ML04977		1.59	25.2	1.92	1.97	0.05	0.06	0.04	0.013	0.07	6.8	6.4	0.05	133	1.55
ML04978		0.11	1.4	0.38	0.12	0.06	<0.02	<0.01	<0.005	0.01	0.6	1.0	12.20	176	0.05
ML04979		1.42	23.7	1.84	1.84	0.05	0.06	0.04	0.013	0.06	6.7	7.2	0.08	123	1.52
ML04980		1.02	27.9	1.84	2.20	0.05	0.07	0.03	0.014	0.06	7.9	8.8	0.10	133	1.69
ML04981		1.21	41.1	2.33	2.49	0.06	0.10	0.03	0.015	0.07	8.7	12.1	0.11	145	2.29
ML04982		0.47	27.4	1.26	0.93	<0.05	0.08	0.03	0.008	0.04	3.7	6.3	0.05	87	2.65
ML04983		0.42	35.8	1.03	0.82	<0.05	0.06	0.03	0.007	0.03	4.5	3.0	0.03	75	3.76
ML04984		0.83	47.8	2.15	1.44	0.07	0.14	0.02	0.016	0.04	5.7	8.4	0.03	180	2.30
ML04985		0.31	21.8	1.13	0.67	0.05	0.09	0.02	0.006	0.02	3.5	3.3	0.01	124	2.38
ML04986		0.49	24.2	1.13	1.11	0.05	0.14	0.02	0.009	0.04	5.7	3.7	0.03	119	2.01
ML04987		0.69	25.6	1.51	1.96	0.07	0.16	0.02	0.017	0.05	7.3	5.3	0.04	123	2.14
ML04988		0.74	22.3	1.41	1.81	0.06	0.17	0.02	0.015	0.05	6.6	8.6	0.07	121	2.31
ML04989		0.88	18.0	1.15	2.17	0.07	0.15	0.02	0.015	0.06	6.9	4.2	0.04	68	2.11
ML04990		0.68	22.5	1.32	1.55	0.07	0.16	0.02	0.013	0.06	5.2	3.0	0.03	102	2.04
ML04991		0.72	28.3	1.76	1.58	0.06	0.14	0.08	0.016	0.06	6.7	2.3	0.02	124	2.03
ML04992		0.55	21.4	1.16	0.56	<0.05	0.08	0.05	0.009	0.04	4.2	2.5	0.01	89	1.85
ML04993		1.39	36.6	2.36	2.30	0.08	0.17	0.06	0.022	0.08	5.6	4.2	0.05	576	2.60
ML04994		0.49	66.6	2.32	0.82	0.06	0.22	0.09	0.019	0.07	3.9	1.6	0.02	645	2.46
ML04995		0.39	51.6	1.72	0.70	0.05	0.15	0.08	0.014	0.06	4.9	1.6	0.01	246	2.30
ML04996		0.28	26.1	1.36	0.69	0.05	0.10	0.06	0.010	0.05	4.0	1.8	0.14	225	2.00
ML04997		0.60	30.7	1.25	0.91	0.05	0.12	0.06	0.012	0.07	6.0	2.5	0.05	172	1.93
ML04998		0.46	36.6	1.95	1.19	0.07	0.13	0.05	0.011	0.07	4.5	3.0	0.03	344	2.06
ML04999		0.95	41.4	2.26	2.26	0.08	0.26	0.04	0.024	0.12	5.8	4.5	0.05	215	3.05
ML05000		0.63	27.7	1.93	1.55	0.06	0.18	0.01	0.014	0.09	5.2	5.5	0.04	197	2.31



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CERTIFICATE OF ANALYSIS WH11156859

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ML04970		<0.05	24.9	230	8.1	2.8	<0.001	<0.01	1.83	1.1	1.1	<0.2	7.2	<0.01	0.02	3.0
ML04971		<0.05	12.6	240	5.7	1.8	<0.001	<0.01	1.79	0.7	0.8	<0.2	10.9	<0.01	0.01	2.1
ML04972		<0.05	14.1	200	5.4	2.4	<0.001	<0.01	1.67	0.9	0.5	<0.2	7.8	<0.01	0.01	2.5
ML04973		<0.05	30.1	500	5.2	3.7	<0.001	<0.01	4.27	2.0	1.1	<0.2	13.5	<0.01	0.02	4.9
ML04974		<0.05	37.6	510	5.5	3.7	<0.001	<0.01	5.19	2.5	1.2	0.2	12.9	<0.01	0.02	5.5
ML04975		<0.05	35.1	260	4.5	2.6	<0.001	<0.01	4.05	1.4	0.9	<0.2	6.5	<0.01	0.03	3.0
ML04976		<0.05	19.2	140	3.1	2.1	<0.001	<0.01	1.56	0.8	0.4	<0.2	7.6	<0.01	0.01	1.9
ML04977		0.09	13.0	500	8.4	4.1	<0.001	0.03	8.20	1.9	1.0	0.2	23.9	<0.01	0.03	4.3
ML04978		0.15	2.7	210	1.3	0.6	<0.001	<0.01	<0.05	0.3	0.2	<0.2	43.9	<0.01	<0.01	<0.2
ML04979		0.07	11.9	470	8.6	3.4	<0.001	0.03	7.70	1.8	1.0	0.2	21.4	<0.01	0.03	4.4
ML04980		0.14	17.5	480	8.4	3.6	<0.001	0.01	5.11	2.0	0.9	0.2	21.9	<0.01	0.03	4.7
ML04981		0.16	24.8	710	11.5	4.0	<0.001	0.01	4.02	2.1	1.2	0.2	29.0	<0.01	0.03	5.9
ML04982		0.06	18.6	290	7.3	2.6	<0.001	<0.01	1.32	0.9	0.4	<0.2	10.7	<0.01	0.02	2.8
ML04983		0.05	13.9	310	4.5	2.3	<0.001	<0.01	1.43	0.9	0.4	<0.2	10.7	<0.01	0.02	2.9
ML04984		<0.05	33.7	550	11.6	3.1	<0.001	<0.01	2.20	1.9	0.9	<0.2	18.2	<0.01	0.03	5.2
ML04985		<0.05	16.3	350	4.5	1.6	<0.001	<0.01	1.12	0.8	0.3	<0.2	8.8	<0.01	0.01	2.4
ML04986		<0.05	18.5	280	4.8	2.8	<0.001	<0.01	1.49	1.1	0.4	<0.2	12.3	<0.01	0.02	3.7
ML04987		<0.05	26.5	350	8.0	3.2	0.001	<0.01	2.22	2.0	0.7	0.2	16.5	<0.01	0.02	5.3
ML04988		<0.05	25.3	420	12.1	3.3	<0.001	<0.01	1.80	1.9	0.6	0.2	16.5	<0.01	0.02	4.9
ML04989		0.06	14.3	290	7.9	4.1	0.001	<0.01	2.19	1.8	0.6	0.2	18.9	<0.01	0.03	5.7
ML04990		<0.05	19.2	270	4.2	3.9	0.001	<0.01	2.71	1.3	0.6	0.2	11.0	<0.01	0.03	4.7
ML04991		<0.05	24.0	280	9.2	4.0	0.001	<0.01	2.78	1.5	1.0	0.2	11.3	<0.01	0.02	5.5
ML04992		<0.05	19.6	210	7.3	2.5	<0.001	<0.01	1.52	1.2	0.4	<0.2	10.3	<0.01	0.02	2.7
ML04993		<0.05	38.8	460	11.8	5.2	<0.001	<0.01	3.60	2.4	0.9	0.2	12.9	<0.01	0.03	6.9
ML04994		<0.05	51.8	290	11.2	4.3	<0.001	<0.01	1.83	1.4	1.1	<0.2	8.2	<0.01	0.06	3.7
ML04995		<0.05	46.9	250	6.4	3.5	<0.001	<0.01	1.93	1.2	0.8	<0.2	8.5	<0.01	0.04	3.1
ML04996		<0.05	29.5	220	5.4	2.8	<0.001	<0.01	1.42	1.4	0.6	<0.2	13.8	<0.01	0.02	2.5
ML04997		<0.05	29.0	250	5.2	4.5	<0.001	<0.01	1.72	1.3	0.4	<0.2	12.6	<0.01	0.02	4.2
ML04998		<0.05	34.8	250	6.2	4.2	<0.001	<0.01	2.24	1.5	1.1	<0.2	8.9	<0.01	0.03	3.4
ML04999		<0.05	41.9	510	12.4	6.6	<0.001	<0.01	2.11	2.3	1.4	0.2	16.2	<0.01	0.05	8.2
ML05000		<0.05	28.2	400	9.2	5.2	<0.001	<0.01	1.27	1.7	0.7	<0.2	14.7	<0.01	0.02	5.6



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CERTIFICATE OF ANALYSIS WH11156859

Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ML04970		<0.005	0.02	0.46	6	2.36	2.05	39	6.1
ML04971		<0.005	0.02	0.34	3	7.84	1.55	32	3.0
ML04972		<0.005	0.02	0.28	3	3.14	1.62	30	3.1
ML04973		<0.005	0.03	0.50	9	4.30	3.57	67	7.5
ML04974		<0.005	0.03	0.63	15	1.28	4.08	74	7.5
ML04975		<0.005	0.02	0.37	7	5.28	2.43	57	5.0
ML04976		<0.005	0.02	0.32	4	1.01	1.56	26	2.7
ML04977		<0.005	0.04	0.82	16	5.59	2.37	38	3.7
ML04978		<0.005	<0.02	0.57	1	0.15	0.79	13	<0.5
ML04979		<0.005	0.04	0.84	14	3.71	2.31	36	3.7
ML04980		0.008	0.04	0.92	19	0.91	3.11	45	4.3
ML04981		0.013	0.04	1.10	22	3.49	3.83	61	6.5
ML04982		0.006	0.02	0.42	8	14.25	1.75	32	3.7
ML04983		0.005	0.02	0.39	6	16.65	1.63	22	3.3
ML04984		<0.005	0.02	0.76	10	2.74	2.97	62	6.4
ML04985		<0.005	<0.02	0.29	4	8.13	1.87	27	3.4
ML04986		<0.005	0.02	0.57	7	4.35	2.28	31	5.6
ML04987		<0.005	0.02	0.63	13	4.02	2.98	45	6.8
ML04988		<0.005	0.02	0.48	12	3.25	3.03	43	7.5
ML04989		<0.005	0.02	0.80	13	3.18	2.12	27	6.5
ML04990		<0.005	0.02	0.71	11	2.50	1.86	36	7.0
ML04991		<0.005	0.02	0.65	11	3.02	2.16	44	5.9
ML04992		<0.005	0.02	0.64	5	2.31	2.02	40	3.5
ML04993		<0.005	0.03	0.72	15	2.35	5.13	82	7.9
ML04994		<0.005	0.03	0.69	7	2.49	4.92	93	10.3
ML04995		<0.005	0.03	0.58	7	3.31	3.11	84	7.2
ML04996		<0.005	0.02	0.38	7	3.25	2.82	49	4.9
ML04997		<0.005	0.03	0.46	6	3.45	2.78	51	5.1
ML04998		<0.005	0.03	0.50	9	2.40	3.19	60	6.4
ML04999		<0.005	0.04	0.83	16	1.61	4.43	87	12.2
ML05000		<0.005	0.03	0.46	11	1.12	3.40	58	7.9



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Method	CERTIFICATE COMMENTS
ME- MS41 ME- MS41	Interference: Ca> 10% on ICP- MS As,ICP- AES results shown. Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).



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P.O. No.:

This report is for 209 Rock samples submitted to our lab in Whitehorse, YT, Canada on 12- AUG- 2011.

The following have access to data associated with this certificate:

DOUG EATON

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- MS41	51 anal. aqua regia ICPMS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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To: ARCHER, CATHRO AND ASSOCIATES (1981)
LIMITED
1016- 510 W HASTINGS ST
VANCOUVER BC V6B 1L8

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Project: Mount Hinton

CERTIFICATE OF ANALYSIS WH11157540

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ML04001		0.69	0.011	0.22	0.37	6.9	<0.2	<10	150	0.17	0.12	0.05	0.21	6.69	5.5	12
ML04002		0.63	<0.005	0.12	0.28	7.4	<0.2	<10	80	0.15	0.07	0.06	0.19	9.09	3.8	12
ML04003		0.58	<0.005	0.17	0.33	8.5	<0.2	<10	80	0.15	0.07	0.07	0.13	8.31	3.8	12
ML04004		0.54	<0.005	0.18	0.36	9.2	<0.2	<10	70	0.14	0.07	0.08	0.13	8.36	3.5	13
ML04005		0.83	0.006	0.28	0.94	19.9	<0.2	<10	110	0.35	0.22	0.03	0.08	14.85	4.5	20
ML04006		0.83	0.006	0.32	1.36	31.7	<0.2	<10	150	0.45	0.26	0.04	0.10	21.7	5.8	26
ML04007		1.08	<0.005	0.22	1.00	22.5	<0.2	<10	120	0.38	0.21	0.06	0.12	16.35	6.8	20
ML04008		0.77	<0.005	0.12	0.46	12.4	<0.2	<10	70	0.15	0.07	0.04	0.21	9.87	6.7	15
ML04009		0.69	<0.005	0.13	0.50	17.7	<0.2	<10	70	0.20	0.14	0.04	0.12	11.00	4.4	16
ML04010		0.58	<0.005	0.10	0.43	15.8	<0.2	<10	60	0.13	0.07	0.03	0.08	8.71	2.6	15
ML04011		0.57	0.058	0.35	0.90	201	<0.2	<10	90	0.35	0.14	0.03	0.07	16.75	3.7	24
ML04012		0.57	0.053	0.31	0.76	290	<0.2	<10	110	0.21	0.12	0.04	0.05	14.95	2.5	17
ML04013		0.53	0.069	0.62	0.88	299	<0.2	<10	160	0.30	0.26	0.01	0.04	11.45	3.7	20
ML04014		0.49	0.005	0.16	0.64	17.2	<0.2	<10	90	0.21	0.10	0.04	0.15	14.20	2.2	15
ML04015		2.32	<0.005	0.12	0.50	13.0	<0.2	<10	70	0.18	0.08	0.04	0.15	10.85	2.3	15
ML04016		0.74	<0.005	0.16	0.66	15.0	<0.2	<10	120	0.25	0.10	0.08	0.19	14.30	2.6	16
ML04017		0.55	<0.005	0.13	0.51	13.3	<0.2	<10	100	0.17	0.09	0.05	0.15	10.90	2.7	14
ML04018		0.26	0.010	0.15	0.60	14.6	<0.2	<10	120	0.17	0.10	0.07	0.19	15.70	3.3	21
ML04019		0.37	<0.005	0.19	0.51	13.8	<0.2	<10	100	0.18	0.11	0.06	0.09	16.30	2.8	17
ML04020		0.46	<0.005	0.16	0.43	5.9	<0.2	<10	80	0.16	0.09	0.07	0.09	11.45	3.2	16
ML04021		0.61	<0.005	0.09	0.35	5.5	<0.2	<10	60	0.13	0.06	0.61	0.19	19.35	3.7	15
ML04022		0.49	<0.005	0.22	0.88	7.9	<0.2	<10	130	0.32	0.16	0.07	0.15	18.90	6.3	19
ML04023		0.53	<0.005	0.35	1.06	11.6	<0.2	<10	130	0.37	0.15	0.05	0.13	16.90	6.8	22
ML04024		0.71	<0.005	0.26	0.73	10.5	<0.2	<10	110	0.35	0.16	0.03	0.09	21.1	4.5	18
ML04025		0.34	<0.005	0.08	0.58	7.5	<0.2	<10	80	0.17	0.08	0.04	0.06	14.30	4.3	17
ML04026		0.52	<0.005	0.18	0.84	17.5	<0.2	<10	100	0.35	0.15	0.05	0.10	18.80	7.3	18
ML04027		0.55	0.005	0.21	0.31	6.4	<0.2	<10	100	0.19	0.11	0.03	0.09	11.20	3.8	12
ML04028		0.60	0.005	0.17	0.26	10.9	<0.2	<10	80	0.16	0.06	0.03	0.21	8.92	5.2	12
ML04029		0.59	0.010	0.29	0.40	25.7	<0.2	<10	120	0.34	0.11	0.03	0.35	11.00	10.7	14
ML04030		0.78	0.009	0.36	0.55	32.5	<0.2	<10	120	0.29	0.13	0.02	0.46	14.45	10.7	17
ML04031		0.90	0.006	0.37	0.31	30.4	<0.2	<10	100	0.17	0.09	0.01	0.16	7.56	6.9	15
ML04032		0.69	0.013	0.38	0.32	68.5	<0.2	<10	130	0.24	0.13	0.01	0.23	9.81	3.7	15
ML04033		0.63	0.023	0.21	0.26	149.0	<0.2	<10	60	0.08	0.06	0.01	0.18	9.98	3.0	15
ML04034		0.58	0.010	0.65	0.50	143.0	<0.2	<10	110	0.47	0.17	0.04	0.18	14.75	5.5	18
ML04035		0.60	0.007	1.03	0.54	81.3	<0.2	<10	100	0.31	0.14	0.05	0.16	12.45	5.0	20
ML04036		0.86	0.011	1.39	0.64	164.0	<0.2	<10	120	0.38	0.26	0.03	0.13	19.65	6.9	20
ML04037		0.56	0.022	0.47	0.57	303	<0.2	<10	130	0.35	0.15	0.03	0.13	20.4	6.2	15
ML04038		0.56	0.006	0.44	0.84	136.0	<0.2	<10	120	0.30	0.16	0.03	0.09	14.65	4.2	19
ML04039		0.79	0.009	0.62	1.13	177.0	<0.2	<10	150	0.44	0.25	0.04	0.10	16.30	4.4	22
ML04040		0.76	0.072	1.08	0.71	614	<0.2	<10	140	0.32	0.19	0.02	0.06	17.50	3.7	17



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CERTIFICATE OF ANALYSIS WH11157540

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ML04001		0.46	46.7	1.45	1.17	<0.05	0.16	0.01	0.015	0.09	3.2	3.1	0.03	215	1.94
ML04002		0.44	12.0	1.09	0.80	<0.05	0.11	0.02	0.007	0.06	4.5	3.7	0.02	139	1.95
ML04003		0.50	14.5	1.27	0.89	<0.05	0.13	0.02	0.009	0.06	4.2	4.4	0.02	168	1.96
ML04004		0.54	20.4	1.31	1.05	<0.05	0.11	0.01	0.008	0.04	4.0	4.6	0.03	170	2.06
ML04005		1.40	36.7	1.80	2.81	<0.05	0.23	0.02	0.021	0.06	7.1	4.5	0.06	112	2.37
ML04006		2.94	31.1	2.44	4.25	<0.05	0.19	0.04	0.031	0.08	9.9	7.8	0.11	117	2.53
ML04007		1.61	23.3	1.74	2.97	<0.05	0.19	0.03	0.022	0.06	7.6	6.3	0.09	99	2.05
ML04008		0.67	14.9	1.52	1.34	<0.05	0.12	0.02	0.010	0.04	4.5	4.6	0.05	159	1.91
ML04009		0.77	17.8	1.01	1.61	0.10	0.09	0.01	0.012	0.01	4.5	4.0	0.04	84	2.06
ML04010		0.61	13.7	0.97	1.48	0.09	0.08	0.02	0.010	0.01	3.8	2.8	0.03	72	2.15
ML04011		0.99	42.0	2.81	3.68	0.11	0.15	0.02	0.021	0.03	7.6	16.3	0.20	112	2.88
ML04012		1.07	33.9	2.03	2.16	0.09	0.09	0.02	0.019	0.03	6.5	16.4	0.22	112	2.59
ML04013		2.26	57.3	3.10	3.25	0.09	0.13	0.04	0.029	0.06	5.3	8.1	0.10	146	2.46
ML04014		0.46	17.5	1.33	2.04	0.11	0.02	0.02	0.013	0.02	6.3	6.2	0.06	132	1.13
ML04015		0.36	13.9	1.05	1.50	0.10	0.04	0.02	0.010	0.01	4.9	4.9	0.05	92	1.10
ML04016		0.50	17.6	1.37	2.14	0.10	0.09	0.01	0.013	0.03	6.4	7.7	0.09	130	1.23
ML04017		0.38	13.3	1.13	1.60	0.11	0.08	0.02	0.012	0.01	5.0	4.9	0.05	118	1.10
ML04018		0.49	17.0	1.40	1.86	0.10	0.08	0.02	0.014	0.02	7.5	4.6	0.07	143	2.68
ML04019		0.72	17.1	1.31	1.63	0.10	0.11	0.01	0.014	0.02	7.8	5.6	0.05	87	2.60
ML04020		0.59	16.1	1.09	1.34	0.09	0.14	0.02	0.010	0.03	5.3	5.0	0.02	82	2.45
ML04021		0.41	11.1	1.23	1.01	0.10	0.13	0.01	0.008	0.02	9.3	3.2	0.21	210	2.31
ML04022		1.09	25.6	1.68	2.38	0.11	0.19	0.01	0.018	0.05	8.6	4.4	0.06	159	2.21
ML04023		1.30	36.1	2.13	2.90	0.12	0.17	0.02	0.021	0.06	8.2	6.8	0.07	147	2.58
ML04024		1.09	21.8	1.46	2.40	0.11	0.14	0.02	0.018	0.05	9.6	3.3	0.05	85	2.46
ML04025		0.45	12.2	1.01	1.67	0.10	0.12	0.01	0.010	0.04	6.3	1.5	0.04	93	1.96
ML04026		0.72	25.9	1.41	2.41	0.10	0.19	0.01	0.021	0.07	8.6	2.4	0.05	144	1.61
ML04027		0.52	30.8	1.15	1.01	0.09	0.18	0.02	0.013	0.05	5.3	1.8	0.02	131	1.96
ML04028		0.44	25.5	1.20	0.74	0.09	0.12	0.07	0.010	0.03	4.1	3.3	0.01	403	2.19
ML04029		0.99	29.9	2.09	1.23	0.09	0.14	0.11	0.016	0.05	4.7	7.2	0.02	527	2.66
ML04030		0.91	50.2	2.33	1.41	0.11	0.17	0.07	0.018	0.07	6.5	6.3	0.03	508	3.08
ML04031		0.53	61.4	2.06	1.01	0.09	0.17	0.07	0.020	0.05	3.5	2.7	0.01	247	2.49
ML04032		0.72	59.9	1.85	1.06	0.10	0.26	0.10	0.026	0.06	4.8	2.9	0.01	258	3.23
ML04033		0.51	9.3	0.99	0.98	0.08	0.12	0.18	0.010	0.01	4.8	6.2	0.05	288	2.74
ML04034		1.50	46.7	3.07	1.85	0.10	0.19	0.06	0.036	0.04	6.3	8.5	0.02	174	3.26
ML04035		1.04	41.2	2.08	1.70	0.09	0.19	0.03	0.021	0.05	5.7	5.5	0.03	181	3.30
ML04036		1.61	36.8	2.28	2.09	0.11	0.20	0.03	0.024	0.05	8.0	4.2	0.03	136	2.97
ML04037		1.99	24.2	2.19	1.74	0.10	0.14	0.04	0.023	0.06	7.8	4.2	0.03	143	2.36
ML04038		1.37	20.8	1.62	2.40	0.11	0.15	0.03	0.021	0.04	6.0	3.7	0.05	97	2.25
ML04039		1.91	23.8	2.19	3.32	0.11	0.16	0.05	0.029	0.05	7.4	4.2	0.07	113	2.46
ML04040		3.68	17.8	2.00	2.16	0.10	0.12	0.04	0.028	0.09	6.9	3.2	0.04	79	2.24



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CERTIFICATE OF ANALYSIS WH11157540

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ML04001		<0.05	30.7	220	5.7	4.3	<0.001	0.01	1.03	1.8	0.3	<0.2	9.4	<0.01	0.03	3.0
ML04002		0.06	15.2	220	6.1	3.0	<0.001	0.01	1.42	1.1	<0.2	0.2	13.6	<0.01	0.01	2.8
ML04003		0.05	15.2	290	5.3	3.0	0.001	0.02	2.05	1.3	0.4	<0.2	16.0	<0.01	0.02	2.6
ML04004		0.08	16.6	300	7.1	2.5	<0.001	0.02	1.76	1.3	0.5	<0.2	10.1	<0.01	0.02	2.1
ML04005		<0.05	19.9	380	10.3	3.9	0.002	0.05	5.16	2.4	1.0	0.3	23.4	<0.01	0.05	5.6
ML04006		0.07	23.2	510	15.2	5.2	0.006	0.03	8.64	3.8	0.9	0.3	26.0	<0.01	0.05	7.1
ML04007		<0.05	22.5	410	11.7	4.1	0.001	0.01	5.87	2.8	0.6	0.2	22.1	<0.01	0.03	5.5
ML04008		0.07	19.3	190	4.6	2.6	<0.001	0.01	3.72	1.7	0.2	0.2	13.0	<0.01	0.01	2.7
ML04009		<0.05	11.8	270	8.2	2.3	0.001	<0.01	2.97	1.5	0.9	0.2	19.1	<0.01	0.02	3.1
ML04010		0.06	7.4	180	4.3	2.2	0.001	<0.01	2.13	1.1	0.4	0.2	15.7	<0.01	0.01	2.7
ML04011		<0.05	15.5	540	7.5	3.0	0.001	<0.01	9.65	2.2	1.5	0.2	18.2	<0.01	0.05	4.2
ML04012		<0.05	9.9	550	7.6	3.3	0.001	0.01	8.86	1.3	1.0	0.2	14.6	<0.01	0.02	4.0
ML04013		<0.05	14.1	510	21.9	4.6	0.002	0.04	15.10	2.2	2.5	0.2	17.2	<0.01	0.07	4.3
ML04014		0.21	10.6	300	5.6	3.0	<0.001	0.01	3.50	1.5	0.6	0.2	15.2	<0.01	0.02	3.2
ML04015		0.11	9.0	240	5.3	2.1	<0.001	<0.01	2.43	1.2	0.5	0.2	12.4	<0.01	<0.01	2.8
ML04016		0.18	11.1	350	5.9	3.2	<0.001	0.01	2.70	1.7	0.7	0.2	18.5	<0.01	0.01	3.4
ML04017		0.11	8.5	260	5.1	2.3	<0.001	0.01	2.39	1.3	0.5	0.2	14.7	<0.01	0.01	2.8
ML04018		0.21	12.4	330	6.1	2.9	<0.001	0.01	2.78	1.3	0.6	0.2	18.6	<0.01	0.01	3.7
ML04019		0.08	11.6	480	6.2	3.1	<0.001	0.01	2.20	1.5	0.9	0.2	24.7	<0.01	0.03	4.0
ML04020		0.06	13.8	410	7.0	2.8	<0.001	<0.01	1.38	1.3	0.9	0.2	20.0	<0.01	0.02	3.3
ML04021		<0.05	11.6	330	5.1	2.4	0.001	<0.01	1.05	1.3	0.3	<0.2	22.1	<0.01	0.01	3.3
ML04022		<0.05	21.7	470	8.2	3.8	0.001	<0.01	3.11	2.0	1.3	0.2	27.7	<0.01	0.03	5.5
ML04023		<0.05	25.4	550	11.5	4.0	0.002	0.01	4.47	2.4	1.6	0.2	26.1	<0.01	0.03	5.7
ML04024		<0.05	15.3	370	14.8	4.3	0.002	0.01	3.24	1.8	1.3	0.2	29.4	<0.01	0.03	5.7
ML04025		0.05	11.6	260	6.6	3.2	0.001	<0.01	2.02	1.3	0.3	0.2	9.7	<0.01	<0.01	3.6
ML04026		<0.05	21.0	340	10.3	4.4	0.001	<0.01	4.69	2.1	0.5	0.2	10.2	<0.01	0.03	6.0
ML04027		<0.05	17.3	220	8.4	3.9	0.001	<0.01	2.79	1.2	0.8	<0.2	13.1	<0.01	0.02	3.1
ML04028		<0.05	19.3	280	5.4	2.9	<0.001	<0.01	4.09	1.2	0.7	<0.2	11.4	<0.01	0.02	2.5
ML04029		<0.05	34.3	310	6.0	4.7	0.001	<0.01	8.50	1.9	0.9	0.2	20.6	<0.01	0.02	4.0
ML04030		<0.05	50.3	360	8.0	4.3	<0.001	<0.01	5.41	2.5	1.4	0.2	14.7	<0.01	0.02	4.2
ML04031		<0.05	38.9	220	5.4	3.7	<0.001	<0.01	4.91	2.1	1.3	<0.2	11.6	<0.01	0.02	2.9
ML04032		<0.05	28.2	220	5.7	4.7	<0.001	<0.01	6.73	2.3	2.0	0.2	18.5	<0.01	0.05	3.3
ML04033		<0.05	7.5	170	2.4	2.5	<0.001	0.01	7.64	1.0	0.7	<0.2	25.0	<0.01	0.01	2.0
ML04034		<0.05	19.6	460	6.9	4.4	<0.001	0.04	16.65	2.3	1.2	0.2	57.5	<0.01	0.06	5.2
ML04035		<0.05	24.7	440	12.3	3.7	0.001	0.01	10.75	2.2	0.9	0.2	28.8	<0.01	0.05	4.0
ML04036		<0.05	25.9	470	15.4	4.5	0.001	0.01	13.00	2.1	0.9	0.2	37.6	<0.01	0.04	5.4
ML04037		<0.05	19.7	400	6.9	5.2	<0.001	0.01	7.18	2.2	0.5	0.2	26.6	<0.01	0.03	6.0
ML04038		<0.05	14.4	400	6.2	3.8	0.001	0.01	9.72	2.2	0.5	0.2	26.9	<0.01	0.04	4.6
ML04039		<0.05	15.5	590	12.0	5.0	0.001	0.03	13.35	3.0	1.0	0.3	54.6	<0.01	0.07	6.1
ML04040		<0.05	11.8	460	9.3	5.4	0.002	0.07	8.94	2.0	0.7	0.2	56.6	<0.01	0.03	5.0



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ML04001		<0.005	0.03	0.36	9	1.73	2.16	50	7.0
ML04002		<0.005	0.02	0.35	5	3.35	1.87	24	4.1
ML04003		<0.005	0.02	0.41	6	2.99	1.75	27	5.7
ML04004		<0.005	0.02	0.34	8	4.24	1.81	28	4.5
ML04005		<0.005	0.02	0.86	19	1.55	1.90	45	10.0
ML04006		<0.005	0.03	1.34	28	1.24	2.18	57	8.2
ML04007		<0.005	0.03	0.86	20	1.23	1.93	55	7.4
ML04008		<0.005	0.02	0.48	9	2.09	1.91	33	4.3
ML04009		<0.005	0.02	0.52	10	1.67	1.35	26	3.6
ML04010		<0.005	0.02	0.35	10	2.56	1.01	17	2.8
ML04011		<0.005	0.03	0.79	28	1.86	1.42	43	6.8
ML04012		<0.005	0.03	0.60	14	2.39	1.25	33	3.5
ML04013		<0.005	0.04	0.73	25	1.43	1.14	59	5.8
ML04014		0.007	0.03	0.63	15	0.81	2.63	24	1.8
ML04015		0.005	0.02	0.55	11	4.79	2.25	19	2.1
ML04016		0.010	0.03	0.67	16	2.19	2.81	26	3.6
ML04017		0.006	0.03	0.58	12	6.83	2.00	19	3.0
ML04018		0.010	0.03	0.71	16	11.65	2.56	26	3.5
ML04019		<0.005	0.03	0.62	12	5.14	2.02	26	4.8
ML04020		<0.005	0.02	0.56	8	5.83	1.80	23	5.9
ML04021		<0.005	0.03	0.35	6	5.77	2.43	20	4.9
ML04022		<0.005	0.03	0.73	18	2.64	2.60	45	6.8
ML04023		<0.005	0.02	0.88	22	2.26	2.59	52	7.6
ML04024		<0.005	0.03	0.67	15	3.00	2.17	36	5.7
ML04025		<0.005	0.02	0.35	9	4.42	1.75	20	4.7
ML04026		<0.005	0.03	0.74	14	1.49	2.12	36	7.3
ML04027		<0.005	0.03	0.51	8	2.87	1.68	34	8.1
ML04028		<0.005	0.03	0.55	6	3.61	1.95	37	5.2
ML04029		<0.005	0.06	0.59	8	3.10	3.24	75	5.9
ML04030		<0.005	0.05	0.87	11	2.68	4.27	105	6.6
ML04031		<0.005	0.04	0.62	10	3.80	2.14	78	7.3
ML04032		<0.005	0.05	0.65	12	3.02	2.35	83	11.6
ML04033		<0.005	0.05	0.35	8	6.28	1.17	15	5.1
ML04034		<0.005	0.05	0.88	17	2.28	2.13	99	8.6
ML04035		<0.005	0.04	0.65	14	2.59	2.19	63	8.0
ML04036		<0.005	0.05	0.91	15	1.67	1.80	56	7.9
ML04037		<0.005	0.06	0.94	12	2.03	2.11	58	5.4
ML04038		<0.005	0.04	1.00	17	1.61	1.76	49	5.5
ML04039		<0.005	0.05	1.17	24	1.25	1.79	59	5.9
ML04040		<0.005	0.06	0.82	16	1.56	1.48	52	4.7



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ML04041		0.97	<0.005	0.02	0.04	5	<0.2	<10	10	<0.05	0.02	20.6	0.05	1.11	0.5	1
ML04042		0.43	0.300	2.42	0.45	991	<0.2	<10	160	0.21	0.22	0.04	0.05	15.45	2.4	11
ML04043		0.36	0.117	3.84	0.73	1100	<0.2	<10	160	0.25	0.19	0.02	0.12	14.60	6.5	20
ML04044		0.75	0.091	2.00	0.24	490	<0.2	<10	80	0.08	0.11	0.01	0.05	9.16	2.4	16
ML04045		0.79	0.058	0.46	0.66	345	<0.2	<10	70	0.25	0.18	0.02	0.14	8.08	3.9	19
ML04046		1.05	0.016	0.14	0.37	114.0	<0.2	<10	60	0.17	0.13	0.02	0.06	6.45	2.9	15
ML04047		0.89	0.025	0.44	0.29	430	<0.2	<10	90	0.12	0.14	0.01	0.04	9.39	1.2	14
ML04048		0.90	0.050	0.80	0.26	500	<0.2	<10	110	0.10	0.21	0.01	0.01	8.64	0.6	12
ML04049		0.85	0.144	0.80	0.23	908	<0.2	<10	90	0.09	0.08	0.01	0.01	6.35	0.5	14
ML04050		0.80	0.306	0.61	0.15	139.5	<0.2	<10	60	<0.05	0.07	<0.01	<0.01	10.10	0.5	12
ML04051		0.82	0.226	0.45	0.13	157.0	<0.2	<10	70	<0.05	0.05	<0.01	<0.01	4.06	0.8	13
ML04052		1.29	0.058	0.22	0.09	318	<0.2	<10	40	0.05	0.08	<0.01	<0.01	3.33	207	14
ML04053		0.70	0.461	0.71	0.20	382	<0.2	<10	140	0.08	0.22	<0.01	<0.01	8.54	3.5	14
ML04054		1.20	0.121	0.43	0.18	134.0	<0.2	<10	80	0.06	0.13	0.01	<0.01	6.63	4.1	16
ML04055		0.33	0.014	0.19	0.81	59.3	<0.2	<10	130	0.33	0.19	0.07	0.23	18.40	8.6	16
ML04056		0.38	0.014	0.15	0.77	55.2	<0.2	<10	110	0.30	0.20	0.06	0.22	17.25	7.7	16
ML04057		1.21	<0.005	0.09	0.56	45.4	<0.2	<10	90	0.24	0.16	0.08	0.12	23.9	9.3	9
ML04058		1.38	0.032	0.09	0.44	34.7	<0.2	<10	80	0.20	0.17	0.03	0.11	13.60	7.1	12
ML04059		0.48	0.014	0.09	1.24	50.2	<0.2	<10	120	0.49	0.22	0.13	0.23	20.4	10.6	28
ML04060		0.36	<0.005	0.07	1.17	21.8	<0.2	<10	110	0.37	0.21	0.08	0.18	25.7	12.6	15
ML04061		0.50	<0.005	0.08	1.32	16.5	<0.2	<10	100	0.31	0.27	0.06	0.09	36.3	15.9	14
ML04062		0.62	<0.005	0.09	0.73	9.3	<0.2	<10	90	0.29	0.16	0.07	0.14	18.90	9.7	14
ML04063		0.58	<0.005	0.12	0.48	6.9	<0.2	<10	80	0.22	0.15	0.09	0.17	10.30	7.5	14
ML04064		0.73	<0.005	0.20	0.44	6.0	<0.2	<10	90	0.23	0.11	0.07	0.15	10.30	5.5	15
ML04065		0.61	<0.005	0.25	0.54	8.6	<0.2	<10	100	0.27	0.11	0.08	0.12	9.53	4.9	14
ML04066		0.65	<0.005	0.21	0.53	8.0	<0.2	<10	80	0.22	0.09	0.07	0.16	9.20	7.0	16
ML04067		0.67	<0.005	0.32	0.57	9.8	<0.2	<10	110	0.28	0.15	0.06	0.17	7.48	8.3	17
ML04068		0.67	<0.005	0.16	0.51	7.2	<0.2	<10	80	0.26	0.09	0.05	0.16	7.82	9.1	16
ML04069		0.64	<0.005	0.23	0.50	8.7	<0.2	<10	80	0.16	0.12	0.03	0.10	7.11	7.4	16
ML04070		0.84	<0.005	0.21	0.44	9.7	<0.2	<10	80	0.14	0.10	0.01	0.09	7.34	3.6	17
ML04071		0.76	0.005	0.28	0.95	17.4	<0.2	<10	130	0.23	0.31	0.01	0.03	8.86	3.1	23
ML04072		0.87	<0.005	0.11	0.39	7.8	<0.2	<10	70	0.12	0.11	<0.01	0.01	5.32	1.3	14
ML04073		0.86	<0.005	0.08	0.45	8.0	<0.2	<10	70	0.16	0.09	0.01	0.04	7.87	6.8	15
ML04074		0.81	<0.005	0.10	0.51	9.7	<0.2	<10	80	0.17	0.12	0.01	0.02	7.00	2.3	16
ML04075		0.75	<0.005	0.06	0.54	11.4	<0.2	<10	60	0.17	0.10	0.02	0.04	8.08	6.5	16
ML04076		0.83	<0.005	0.04	0.36	7.0	<0.2	<10	50	0.13	0.06	0.03	0.09	6.72	16.8	13
ML04077		0.79	<0.005	0.08	0.48	10.9	<0.2	<10	80	0.20	0.10	0.02	0.11	7.17	11.7	14
ML04078		0.86	<0.005	0.08	0.46	9.5	<0.2	<10	70	0.17	0.11	0.03	0.13	6.87	4.6	15
ML04079		0.88	<0.005	0.09	0.35	10.5	<0.2	<10	80	0.17	0.11	0.01	0.05	7.46	5.8	14
ML04080		0.80	<0.005	0.06	0.40	8.7	<0.2	<10	60	0.14	0.08	0.02	0.22	7.21	7.0	15



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ML04041		0.12	1.3	0.41	0.11	0.07	<0.02	<0.01	<0.005	0.02	0.5	0.9	12.65	191	0.06
ML04042		5.25	20.4	1.94	1.43	0.09	0.15	0.04	0.023	0.10	6.1	1.4	0.03	52	2.52
ML04043		2.76	59.0	3.31	2.12	0.09	0.15	0.12	0.055	0.10	6.2	2.2	0.04	161	3.75
ML04044		1.70	29.7	1.39	0.93	0.08	0.08	0.08	0.024	0.05	3.9	1.3	0.01	55	4.35
ML04045		1.09	58.1	7.00	1.66	0.09	0.09	0.05	0.016	0.05	3.9	4.0	0.09	1480	3.47
ML04046		0.87	39.3	2.56	1.08	<0.05	0.08	0.04	0.014	0.04	3.2	3.3	0.03	455	2.97
ML04047		1.21	31.4	1.47	1.22	<0.05	0.07	0.06	0.020	0.06	4.6	2.6	0.01	109	2.69
ML04048		1.57	13.0	1.15	1.03	<0.05	0.10	0.07	0.012	0.08	4.0	2.5	0.01	59	3.41
ML04049		1.44	17.5	1.21	1.10	<0.05	0.07	0.07	0.013	0.08	3.1	1.4	<0.01	56	2.70
ML04050		1.36	7.5	0.65	0.68	<0.05	0.06	0.06	<0.005	0.06	4.9	0.4	<0.01	33	2.71
ML04051		1.16	5.6	0.66	0.53	<0.05	0.06	0.05	<0.005	0.06	2.2	0.5	<0.01	40	3.11
ML04052		0.69	4.8	0.65	0.38	<0.05	0.03	0.18	0.006	0.03	1.8	0.4	<0.01	47	1.95
ML04053		2.02	8.3	1.33	1.12	<0.05	0.09	0.08	0.007	0.11	4.3	1.2	<0.01	45	3.34
ML04054		1.15	4.7	0.82	1.01	<0.05	0.09	0.09	<0.005	0.06	3.2	2.5	0.01	35	3.53
ML04055		0.82	37.4	2.64	2.36	0.06	0.15	0.02	0.019	0.09	9.0	7.5	0.09	279	2.07
ML04056		0.78	34.7	2.46	2.22	0.06	0.13	0.03	0.018	0.07	8.4	7.0	0.08	246	1.95
ML04057		0.49	26.6	2.63	1.72	0.05	0.18	0.02	0.012	0.11	10.9	8.7	0.11	453	1.18
ML04058		0.43	24.0	1.79	1.42	<0.05	0.24	0.03	0.011	0.07	6.5	4.9	0.05	154	1.93
ML04059		0.73	28.3	2.73	3.40	0.09	0.24	0.02	0.022	0.10	9.5	9.0	0.08	224	2.14
ML04060		0.59	28.2	2.93	2.99	0.06	0.29	0.01	0.016	0.12	11.4	19.6	0.20	423	1.51
ML04061		0.53	31.1	3.41	3.72	0.07	0.26	0.01	0.015	0.15	16.0	31.3	0.37	860	1.67
ML04062		0.51	32.4	2.10	1.93	0.05	0.23	0.02	0.012	0.11	9.1	11.3	0.11	271	2.37
ML04063		0.48	31.7	1.82	1.24	<0.05	0.25	0.02	0.011	0.07	5.0	3.5	0.03	161	2.86
ML04064		0.47	25.1	1.64	1.30	0.09	0.27	0.01	0.012	0.07	4.8	4.0	0.03	159	2.58
ML04065		0.59	21.5	1.58	1.59	0.10	0.30	<0.01	0.014	0.08	4.3	4.9	0.04	151	2.87
ML04066		0.62	18.8	1.76	1.63	0.09	0.28	0.01	0.014	0.06	4.1	3.0	0.03	135	2.71
ML04067		0.83	22.7	1.90	1.67	0.09	0.34	0.01	0.013	0.08	3.6	3.7	0.03	174	2.68
ML04068		0.64	16.7	1.31	1.41	0.08	0.20	<0.01	0.009	0.05	3.7	5.7	0.03	219	2.06
ML04069		0.64	17.8	1.70	1.29	0.09	0.18	0.02	0.012	0.05	3.4	4.5	0.03	168	2.50
ML04070		0.62	15.1	1.44	1.50	0.08	0.19	0.02	0.012	0.06	3.6	3.4	0.02	134	2.47
ML04071		1.30	18.3	2.24	3.37	0.05	0.20	0.05	0.023	0.07	4.4	3.2	0.05	122	3.79
ML04072		0.70	13.4	1.22	1.31	<0.05	0.14	0.02	0.010	0.04	2.7	1.5	0.02	73	2.71
ML04073		0.56	21.1	1.38	1.22	<0.05	0.12	0.03	0.009	0.06	3.7	2.0	0.02	68	2.48
ML04074		0.74	25.3	1.56	1.68	<0.05	0.16	0.02	0.012	0.06	3.4	2.0	0.02	88	3.28
ML04075		0.55	20.1	1.36	1.48	<0.05	0.11	0.04	0.010	0.04	3.7	1.6	0.03	78	3.18
ML04076		0.35	13.7	1.50	0.95	<0.05	0.09	0.09	0.006	0.04	3.1	3.3	0.03	140	2.45
ML04077		0.55	24.5	1.51	1.09	<0.05	0.15	0.06	0.009	0.07	3.4	2.0	0.02	135	2.79
ML04078		0.47	16.7	1.46	1.19	<0.05	0.12	0.01	0.009	0.06	3.3	2.5	0.02	129	2.59
ML04079		0.52	18.4	1.67	1.15	<0.05	0.14	0.03	0.009	0.06	3.6	1.7	0.01	90	2.54
ML04080		0.38	11.9	1.62	1.06	<0.05	0.09	0.01	0.008	0.05	3.4	3.1	0.02	220	2.99



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ML04041		<0.05	1.4	250	1.3	0.9	<0.001	0.04	0.08	0.2	0.2	<0.2	47.3	<0.01	<0.01	<0.2
ML04042		<0.05	7.8	440	17.5	6.7	0.002	0.09	18.80	1.0	1.0	0.2	55.8	<0.01	0.07	4.8
ML04043		<0.05	19.9	540	17.2	5.9	0.003	0.14	13.90	4.1	1.7	0.3	36.3	<0.01	0.07	5.1
ML04044		<0.05	6.7	290	12.6	3.5	0.003	0.08	12.00	1.3	1.0	0.2	21.3	<0.01	0.04	2.6
ML04045		0.17	18.6	410	8.5	2.7	0.001	0.05	18.45	2.7	2.5	0.2	11.7	<0.01	0.08	2.5
ML04046		0.13	13.2	360	5.6	2.6	0.002	0.03	10.10	1.6	1.7	<0.2	16.3	<0.01	0.04	2.3
ML04047		0.17	6.7	370	6.0	4.2	0.003	0.08	11.85	1.3	2.2	0.2	25.0	<0.01	0.04	3.0
ML04048		0.12	2.1	210	7.0	5.3	0.004	0.11	14.05	0.8	1.6	<0.2	16.8	<0.01	0.06	4.2
ML04049		0.16	2.0	170	5.1	5.0	0.005	0.03	7.10	1.1	2.3	0.2	5.5	<0.01	0.03	3.2
ML04050		0.13	1.2	40	2.5	3.8	0.002	0.03	8.01	0.4	1.1	<0.2	3.3	<0.01	0.01	2.2
ML04051		0.19	1.8	70	2.8	4.0	0.001	0.06	3.74	0.4	0.5	0.2	10.0	<0.01	<0.01	1.9
ML04052		0.11	1.6	70	1.3	2.4	0.002	0.03	2.93	0.3	0.4	<0.2	7.4	<0.01	<0.01	1.3
ML04053		0.15	2.5	190	7.5	7.6	0.001	0.20	6.52	0.6	1.0	0.2	25.6	<0.01	0.01	3.6
ML04054		0.13	1.6	100	4.6	4.2	0.002	0.10	5.04	0.5	0.6	<0.2	19.1	<0.01	0.01	2.0
ML04055		0.18	28.8	510	12.2	4.6	<0.001	0.02	3.89	2.3	1.0	0.2	20.0	<0.01	0.05	6.7
ML04056		0.16	26.1	500	11.6	4.0	<0.001	0.02	3.63	2.2	0.9	0.2	17.8	<0.01	0.04	5.9
ML04057		0.16	25.3	330	11.8	5.2	<0.001	0.01	6.86	1.9	0.4	<0.2	11.3	<0.01	0.02	7.3
ML04058		0.13	21.4	250	10.7	3.7	<0.001	0.01	1.85	1.2	0.5	<0.2	11.2	<0.01	0.04	4.6
ML04059		0.14	39.6	690	11.2	4.5	<0.001	0.01	2.66	2.4	0.5	0.3	21.3	<0.01	0.04	8.7
ML04060		0.13	33.3	460	15.3	5.5	<0.001	0.01	1.38	2.2	0.3	0.2	10.0	<0.01	0.03	9.8
ML04061		0.12	27.6	310	15.0	6.6	<0.001	0.01	1.00	2.3	0.3	0.2	10.2	<0.01	0.02	11.3
ML04062		0.15	32.4	430	9.9	5.2	<0.001	0.01	1.02	1.6	0.4	0.2	12.1	<0.01	0.03	6.3
ML04063		0.13	25.6	620	10.4	3.5	<0.001	0.01	0.87	1.5	0.8	<0.2	13.9	<0.01	0.03	4.2
ML04064		0.05	22.1	390	8.0	3.7	<0.001	<0.01	0.97	1.6	0.7	0.2	13.6	<0.01	0.03	4.0
ML04065		<0.05	19.3	470	7.2	3.8	<0.001	<0.01	1.15	1.5	0.7	0.2	16.9	<0.01	0.02	4.9
ML04066		<0.05	20.6	430	5.7	3.1	<0.001	<0.01	1.23	1.8	0.9	0.2	13.8	<0.01	0.01	4.4
ML04067		<0.05	27.0	410	9.7	4.0	<0.001	<0.01	1.50	1.9	1.2	0.2	16.1	<0.01	0.03	4.8
ML04068		<0.05	21.1	310	5.7	2.8	<0.001	<0.01	1.13	1.4	0.6	0.2	10.8	<0.01	0.03	3.5
ML04069		<0.05	21.2	400	8.0	2.8	<0.001	<0.01	1.16	1.6	0.8	0.2	10.7	<0.01	0.03	3.7
ML04070		0.05	15.5	220	5.8	2.9	0.001	<0.01	1.19	1.3	0.6	0.2	12.2	<0.01	0.02	3.2
ML04071		0.12	19.8	500	16.2	4.0	0.004	0.03	2.51	2.5	2.5	0.3	23.4	<0.01	0.07	6.7
ML04072		0.16	6.5	310	7.3	2.4	0.001	0.01	1.25	1.1	0.8	0.2	11.8	<0.01	0.02	3.0
ML04073		0.14	14.6	290	4.9	3.1	<0.001	0.01	1.09	1.4	0.6	<0.2	9.8	<0.01	0.01	3.8
ML04074		0.15	10.8	230	5.8	3.2	0.001	0.01	1.31	1.3	0.8	0.2	13.5	<0.01	0.03	3.4
ML04075		0.13	11.0	320	6.8	2.4	0.001	0.01	1.47	1.5	0.7	0.2	9.7	<0.01	0.01	3.8
ML04076		0.17	14.8	270	4.2	2.2	<0.001	0.01	0.75	1.3	0.3	<0.2	5.2	<0.01	<0.01	2.6
ML04077		0.15	19.0	320	8.1	3.3	0.001	0.01	1.19	1.4	0.9	<0.2	7.0	<0.01	0.02	3.6
ML04078		0.16	16.3	320	6.1	3.2	<0.001	0.01	0.98	1.2	0.6	0.2	7.9	<0.01	0.02	3.3
ML04079		0.13	11.4	290	8.5	3.4	<0.001	0.01	1.08	1.2	0.5	<0.2	10.2	<0.01	0.01	3.1
ML04080		0.16	19.7	330	5.1	2.8	<0.001	0.01	1.04	1.5	0.4	0.2	7.3	<0.01	0.01	3.2



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ML04041		<0.005	<0.02	0.43	<1	<0.05	0.81	14	<0.5
ML04042		<0.005	0.07	0.66	11	2.11	1.60	45	5.9
ML04043		<0.005	0.08	2.14	24	3.29	2.58	102	5.9
ML04044		<0.005	0.05	0.66	9	8.99	1.16	34	3.6
ML04045		<0.005	0.02	0.50	26	3.77	3.06	69	3.9
ML04046		<0.005	0.02	0.49	12	3.92	1.36	43	3.5
ML04047		<0.005	0.04	0.63	10	2.67	0.84	19	3.2
ML04048		<0.005	0.04	0.56	8	2.20	0.52	8	5.3
ML04049		<0.005	0.03	0.44	7	2.32	0.48	6	4.1
ML04050		<0.005	0.03	0.25	4	3.02	0.49	2	3.3
ML04051		<0.005	0.03	0.24	3	7.33	0.34	<2	3.2
ML04052		<0.005	0.04	0.19	2	550	0.25	2	1.2
ML04053		<0.005	0.06	0.70	9	19.80	0.50	8	4.7
ML04054		<0.005	0.03	0.38	6	37.2	0.43	4	4.5
ML04055		<0.005	0.03	0.93	17	2.22	3.15	77	8.3
ML04056		<0.005	0.02	0.87	16	6.45	2.84	72	7.4
ML04057		<0.005	0.03	0.88	8	0.96	3.44	62	8.5
ML04058		<0.005	0.02	0.68	9	6.15	2.20	50	10.1
ML04059		<0.005	0.02	0.95	21	0.94	5.01	83	11.3
ML04060		<0.005	0.02	1.02	12	3.11	3.75	85	12.4
ML04061		<0.005	0.03	0.66	10	0.81	2.79	75	11.1
ML04062		<0.005	0.02	0.78	9	1.65	2.84	56	10.4
ML04063		<0.005	<0.02	0.57	9	5.32	2.92	48	11.2
ML04064		<0.005	0.04	0.32	9	2.23	2.44	43	10.5
ML04065		<0.005	0.02	0.49	10	5.10	2.33	37	11.7
ML04066		<0.005	0.03	0.42	10	17.55	2.48	38	10.0
ML04067		<0.005	0.03	0.60	11	5.23	2.84	52	12.6
ML04068		<0.005	0.02	0.42	9	2.35	2.11	38	8.2
ML04069		<0.005	0.02	0.40	9	6.73	2.23	40	6.9
ML04070		<0.005	0.02	0.29	10	2.92	1.32	33	6.9
ML04071		<0.005	<0.02	0.58	23	2.45	1.44	68	9.1
ML04072		<0.005	<0.02	0.27	10	3.76	0.65	23	6.4
ML04073		<0.005	<0.02	0.35	9	25.9	1.10	33	5.5
ML04074		<0.005	<0.02	0.31	14	2.61	0.90	35	6.9
ML04075		<0.005	<0.02	0.49	11	22.0	1.37	28	4.6
ML04076		<0.005	<0.02	0.30	6	84.7	1.36	26	3.9
ML04077		<0.005	0.02	0.54	8	46.1	1.66	40	6.4
ML04078		<0.005	<0.02	0.41	7	4.40	1.51	34	5.0
ML04079		<0.005	0.02	0.36	7	19.05	1.00	26	5.6
ML04080		<0.005	<0.02	0.32	6	3.96	1.86	38	3.9



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ML04081		0.62	<0.005	0.16	0.31	18.5	<0.2	<10	60	0.13	0.08	0.01	0.16	5.93	6.7	14
ML04082		0.80	<0.005	0.11	0.51	19.3	<0.2	<10	60	0.15	0.06	0.03	0.12	9.84	5.4	17
ML04083		0.99	<0.005	0.11	0.46	12.9	<0.2	<10	70	0.14	0.07	0.02	0.10	7.27	7.3	17
ML04084		0.86	<0.005	0.08	0.21	4.1	<0.2	<10	40	0.08	0.06	0.01	0.03	5.05	361	21
ML04085		0.41	<0.005	0.24	1.00	26.0	<0.2	<10	120	0.31	0.23	0.09	0.20	30.7	13.2	16
ML04086		0.91	0.005	0.22	0.85	18.5	<0.2	<10	110	0.27	0.20	0.09	0.16	28.4	15.5	15
ML04087		0.29	0.005	0.23	0.67	10.7	<0.2	<10	110	0.24	0.19	0.10	0.18	23.0	9.8	16
ML04088		1.39	<0.005	0.27	0.70	8.4	<0.2	<10	90	0.21	0.16	0.07	0.18	21.3	12.4	18
ML04089		0.68	<0.005	0.33	0.57	7.9	<0.2	<10	100	0.20	0.19	0.09	0.19	21.0	9.0	19
ML04090		0.49	<0.005	0.32	0.53	6.6	<0.2	<10	110	0.19	0.15	0.10	0.20	21.4	9.1	15
ML04091		0.55	<0.005	0.28	0.39	6.4	<0.2	<10	30	0.14	0.13	0.10	0.24	9.57	8.2	13
ML04092		0.66	<0.005	0.26	0.59	6.8	<0.2	<10	90	0.20	0.16	0.07	0.14	18.65	9.2	15
ML04093		0.78	<0.005	0.19	0.71	4.4	<0.2	<10	90	0.28	0.12	0.08	0.12	21.1	6.9	18
ML04094		0.50	<0.005	0.24	0.63	4.7	<0.2	<10	130	0.26	0.11	0.09	0.22	17.90	9.5	17
ML04095		0.62	<0.005	0.22	0.75	8.7	<0.2	<10	90	0.27	0.13	0.10	0.16	18.65	9.0	19
ML04096		0.66	<0.005	0.30	1.03	16.4	<0.2	<10	120	0.36	0.27	0.13	0.27	21.5	17.0	22
ML04097		0.64	<0.005	0.31	0.70	9.9	<0.2	<10	80	0.22	0.17	0.06	0.25	12.70	10.1	20
ML04098		0.54	<0.005	0.37	0.74	9.6	<0.2	<10	100	0.31	0.16	0.07	0.69	12.50	16.8	19
ML04099		0.74	<0.005	0.32	0.69	8.4	<0.2	<10	90	0.24	0.16	0.11	0.46	13.25	10.9	18
ML04100		1.09	<0.005	0.01	0.04	<2	<0.2	<10	20	<0.05	0.04	18.65	0.06	1.22	1.1	1
ML04101		0.72	<0.005	0.34	0.61	7.9	<0.2	<10	100	0.30	0.14	0.09	0.21	9.92	8.8	18
ML04102		0.57	<0.005	0.25	0.53	6.3	<0.2	<10	100	0.22	0.12	0.08	0.16	7.64	6.1	18
ML04103		0.73	<0.005	0.16	0.44	5.3	<0.2	<10	70	0.14	0.10	0.04	0.13	8.53	4.9	16
ML04104		0.98	<0.005	0.17	0.48	5.4	<0.2	<10	80	0.14	0.10	0.04	0.08	8.66	4.2	15
ML04105		0.73	<0.005	0.29	0.76	6.2	<0.2	<10	100	0.25	0.14	0.06	0.15	7.71	9.0	20
ML04106		0.59	<0.005	0.17	0.64	7.4	<0.2	<10	80	0.19	0.11	0.06	0.11	8.88	4.7	18
ML04107		0.77	<0.005	0.36	1.01	12.2	<0.2	<10	100	0.27	0.20	0.07	0.23	13.55	7.2	22
ML04108		0.56	0.005	0.65	0.90	21.4	<0.2	<10	140	0.27	0.33	0.05	0.05	12.65	3.7	22
ML04109		0.87	0.008	0.49	1.05	20.9	<0.2	<10	100	0.25	0.25	0.03	0.17	11.60	3.2	26
ML04110		0.80	0.006	0.52	0.96	21.8	<0.2	<10	120	0.27	0.26	0.05	0.16	12.65	3.3	22
ML04111		0.57	<0.005	0.51	1.41	32.2	<0.2	<10	140	0.36	0.28	0.06	0.16	16.25	3.2	26
ML04112		0.39	0.005	0.40	1.07	29.9	<0.2	<10	100	0.31	0.20	0.04	0.09	11.65	5.3	21
ML04113		0.33	0.005	0.25	0.79	41.1	<0.2	<10	100	0.24	0.19	0.07	0.16	19.50	9.3	14
ML04114		0.93	0.008	0.23	0.83	46.3	<0.2	<10	100	0.25	0.18	0.08	0.16	22.3	9.2	14
ML04115		0.66	0.014	0.37	0.55	23.9	<0.2	<10	100	0.26	0.25	0.16	0.11	20.9	7.1	11
ML04116		0.41	0.010	0.30	0.36	28.3	<0.2	<10	80	0.21	0.22	0.08	0.10	15.15	6.5	13
ML04117		0.47	0.044	0.40	0.33	32.7	<0.2	<10	70	0.21	0.15	0.07	0.08	12.50	4.7	10
ML04118		0.53	0.006	0.22	0.45	25.0	<0.2	<10	70	0.19	0.12	0.04	0.05	16.75	3.1	12
ML04119		0.51	<0.005	0.21	0.74	20.7	<0.2	<10	90	0.29	0.17	0.06	0.18	25.6	10.8	16
ML04120		0.60	<0.005	0.22	0.90	11.0	<0.2	<10	100	0.34	0.23	0.07	0.09	24.7	6.1	19



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ML04081		0.52	22.7	1.46	0.89	<0.05	0.11	0.02	0.010	0.05	2.9	1.9	0.01	278	3.06
ML04082		0.41	28.4	1.43	1.52	0.05	0.12	0.01	0.010	0.05	4.7	1.9	0.03	122	2.59
ML04083		0.45	16.7	1.22	1.31	0.05	0.12	0.01	0.010	0.05	3.4	1.8	0.02	142	2.99
ML04084		0.25	15.0	0.99	0.72	<0.05	0.07	0.13	0.005	0.03	2.4	1.8	0.01	84	4.95
ML04085		0.72	41.6	2.75	3.13	0.08	0.14	0.03	0.022	0.11	14.6	17.3	0.21	374	2.29
ML04086		0.62	35.9	2.36	2.81	0.07	0.16	0.08	0.019	0.10	13.8	13.5	0.17	304	1.94
ML04087		0.63	32.2	2.02	2.13	0.07	0.23	0.03	0.017	0.07	11.6	7.4	0.07	250	1.60
ML04088		0.60	31.3	2.02	2.09	0.07	0.22	0.04	0.018	0.06	10.8	7.2	0.06	298	2.88
ML04089		0.62	54.7	1.93	1.98	0.06	0.25	0.03	0.018	0.07	10.6	7.8	0.05	208	3.99
ML04090		0.56	43.0	1.81	1.77	0.06	0.22	0.05	0.019	0.08	11.0	5.3	0.04	313	3.21
ML04091		0.55	44.8	1.98	1.24	0.09	0.27	0.03	0.015	0.02	4.8	4.4	0.04	230	3.75
ML04092		0.52	38.5	1.87	1.87	0.06	0.26	0.03	0.015	0.07	9.2	4.9	0.05	153	3.37
ML04093		0.59	26.1	1.69	2.15	0.07	0.27	0.02	0.015	0.07	10.3	4.4	0.05	147	2.50
ML04094		0.77	43.6	2.12	1.95	0.06	0.35	0.02	0.018	0.11	9.1	5.1	0.06	218	3.56
ML04095		0.76	43.3	1.87	2.40	0.07	0.32	0.02	0.017	0.08	9.2	5.6	0.06	233	3.56
ML04096		1.00	36.4	2.30	3.16	0.07	0.38	0.02	0.023	0.10	10.6	7.5	0.08	655	3.01
ML04097		0.71	27.8	2.10	2.24	0.06	0.29	0.03	0.018	0.06	6.4	3.3	0.03	256	2.82
ML04098		0.96	32.8	2.51	2.24	0.07	0.32	0.03	0.022	0.07	6.4	5.9	0.03	780	3.15
ML04099		0.74	33.8	2.27	1.96	0.07	0.31	0.02	0.018	0.06	6.8	3.8	0.03	396	3.21
ML04100		0.15	1.5	0.42	0.13	<0.05	<0.02	0.01	<0.005	0.02	0.6	0.9	11.90	196	0.31
ML04101		0.65	35.9	1.80	2.04	0.06	0.30	0.02	0.016	0.07	4.9	4.0	0.05	157	3.10
ML04102		0.48	30.2	1.88	1.72	0.05	0.29	0.03	0.015	0.07	3.8	2.2	0.04	107	2.92
ML04103		0.40	26.4	1.35	1.42	0.05	0.19	0.01	0.010	0.05	4.1	1.7	0.02	112	3.11
ML04104		0.47	16.4	1.30	1.51	<0.05	0.20	0.01	0.010	0.06	4.1	1.8	0.03	100	2.07
ML04105		0.70	33.1	1.75	2.19	0.05	0.31	0.02	0.018	0.07	3.7	4.0	0.04	125	2.92
ML04106		0.67	23.6	1.50	1.96	0.05	0.21	0.02	0.013	0.06	4.2	2.8	0.04	93	2.69
ML04107		0.98	25.0	2.31	3.12	0.07	0.31	0.03	0.023	0.07	6.7	4.7	0.06	147	2.60
ML04108		1.28	26.0	2.31	4.05	0.06	0.22	0.05	0.029	0.09	6.0	6.0	0.06	127	3.02
ML04109		1.14	38.2	3.21	3.79	0.07	0.28	0.04	0.029	0.06	5.4	4.6	0.07	142	2.92
ML04110		1.19	46.9	2.73	3.26	0.07	0.25	0.05	0.029	0.07	6.1	5.1	0.07	144	3.35
ML04111		1.53	32.9	2.28	4.27	0.07	0.23	0.05	0.031	0.08	7.8	5.2	0.09	152	2.47
ML04112		1.51	54.4	2.28	2.93	0.07	0.18	0.05	0.028	0.06	5.7	8.1	0.07	139	3.18
ML04113		0.62	38.3	2.39	2.60	0.06	0.10	0.03	0.018	0.09	9.4	11.0	0.14	304	1.68
ML04114		0.62	37.1	2.59	2.71	0.07	0.12	0.03	0.019	0.10	10.6	11.9	0.15	342	1.66
ML04115		0.58	61.2	2.05	1.72	0.06	0.24	0.02	0.020	0.11	10.1	7.0	0.08	176	1.88
ML04116		0.55	53.4	1.70	1.30	0.05	0.27	0.02	0.017	0.08	7.5	4.2	0.05	123	3.01
ML04117		0.56	42.3	1.55	1.18	0.07	0.20	0.03	0.016	0.07	5.9	2.7	0.03	86	2.39
ML04118		0.61	19.9	1.53	1.73	0.09	0.22	0.03	0.017	0.07	8.1	2.4	0.02	68	2.24
ML04119		0.77	29.8	2.15	2.35	0.08	0.25	0.02	0.019	0.08	12.0	7.4	0.07	285	2.63
ML04120		0.68	31.9	2.09	2.83	0.09	0.35	0.02	0.017	0.10	11.6	4.6	0.07	114	2.62



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ML04081		0.05	19.8	290	7.7	3.0	<0.001	0.02	1.15	1.3	0.5	<0.2	7.6	<0.01	0.01	2.7
ML04082		0.07	16.7	250	4.8	2.9	<0.001	0.02	1.68	1.4	0.4	0.2	7.2	<0.01	0.01	3.5
ML04083		<0.05	20.3	280	5.7	2.9	<0.001	0.02	1.07	1.4	0.4	0.2	7.1	<0.01	0.01	3.1
ML04084		0.09	13.6	140	4.7	1.7	0.002	0.02	0.51	0.7	0.3	0.2	6.3	<0.01	0.01	1.9
ML04085		0.08	34.3	500	14.2	5.7	<0.001	0.03	2.22	2.4	0.9	0.2	19.5	<0.01	0.04	7.2
ML04086		0.09	29.5	500	12.0	4.9	0.001	0.03	1.50	2.0	0.8	0.2	18.3	<0.01	0.03	6.4
ML04087		0.06	33.9	520	9.3	3.8	<0.001	0.02	1.13	1.8	0.8	0.2	15.1	<0.01	0.04	5.3
ML04088		0.07	41.6	450	11.1	3.4	0.001	0.02	0.94	1.8	1.0	0.3	15.4	<0.01	0.04	4.5
ML04089		0.05	39.5	510	11.6	3.6	<0.001	0.03	0.77	1.4	1.2	0.3	16.1	<0.01	0.05	4.8
ML04090		0.06	33.4	520	11.6	4.4	<0.001	0.02	0.78	1.7	1.2	0.2	14.5	<0.01	0.03	4.1
ML04091		<0.05	36.4	550	13.2	1.2	<0.001	0.02	1.07	1.9	1.1	<0.2	11.1	<0.01	0.04	3.2
ML04092		0.06	29.1	410	11.7	4.1	<0.001	0.02	0.83	2.0	0.9	0.2	12.7	<0.01	0.03	4.3
ML04093		<0.05	23.7	430	9.1	4.0	<0.001	0.03	1.01	2.0	0.7	0.2	12.2	<0.01	0.02	4.9
ML04094		0.05	37.6	420	9.4	5.6	<0.001	0.02	0.88	2.2	0.9	0.2	14.1	<0.01	0.02	4.9
ML04095		<0.05	38.4	470	9.1	4.5	<0.001	0.02	1.35	2.0	0.7	0.2	14.4	<0.01	0.03	5.4
ML04096		0.05	51.7	660	13.6	5.3	<0.001	0.03	2.72	2.5	0.7	0.2	25.9	<0.01	0.05	6.3
ML04097		<0.05	36.4	540	8.4	3.3	<0.001	0.02	3.00	2.1	0.9	0.2	24.2	<0.01	0.04	5.0
ML04098		0.06	60.2	720	12.4	3.8	<0.001	0.03	1.55	2.5	1.2	0.2	32.1	<0.01	0.04	5.5
ML04099		<0.05	49.1	810	11.6	3.5	<0.001	0.02	1.30	2.5	0.9	0.2	20.9	<0.01	0.04	4.7
ML04100		0.14	1.7	190	2.5	0.9	<0.001	0.04	<0.05	0.4	0.2	<0.2	49.7	<0.01	<0.01	<0.2
ML04101		<0.05	34.2	430	9.0	4.2	<0.001	0.03	1.32	2.3	0.7	0.2	14.9	<0.01	0.02	4.9
ML04102		0.06	23.2	330	9.0	3.8	<0.001	0.03	0.99	2.2	0.6	0.2	11.7	<0.01	0.02	4.1
ML04103		<0.05	18.8	290	5.7	2.6	<0.001	0.03	0.92	1.5	0.5	<0.2	7.9	<0.01	0.01	3.9
ML04104		0.05	15.7	220	5.6	3.4	<0.001	0.03	0.88	1.6	0.4	<0.2	9.0	<0.01	0.02	3.7
ML04105		<0.05	30.1	460	7.7	3.7	<0.001	0.02	1.28	2.0	0.7	0.2	13.0	<0.01	0.03	5.1
ML04106		0.07	16.7	400	5.6	3.1	<0.001	0.02	1.25	1.6	0.4	0.2	11.8	<0.01	0.02	4.4
ML04107		<0.05	29.9	740	7.9	3.5	<0.001	0.03	2.21	2.4	1.0	0.2	18.8	<0.01	0.06	6.7
ML04108		0.06	15.4	820	22.5	4.9	<0.001	0.05	2.18	3.1	1.1	0.2	28.0	<0.01	0.09	7.1
ML04109		0.05	16.7	710	14.6	3.2	<0.001	0.04	3.20	2.6	1.5	0.3	26.8	<0.01	0.06	5.4
ML04110		0.07	17.4	680	15.1	3.9	<0.001	0.05	2.94	2.5	1.5	0.3	34.6	<0.01	0.08	5.2
ML04111		<0.05	14.0	740	11.3	4.5	<0.001	0.04	3.40	3.0	1.1	0.3	36.4	<0.01	0.07	7.3
ML04112		0.08	23.0	670	14.8	3.8	0.001	0.05	2.83	2.9	1.6	0.3	22.6	<0.01	0.05	5.5
ML04113		0.08	29.2	430	11.7	4.5	<0.001	0.04	2.22	2.1	0.8	0.2	19.1	<0.01	0.04	6.7
ML04114		0.10	27.1	440	12.0	5.1	<0.001	0.04	2.15	2.1	0.7	0.2	18.6	<0.01	0.04	7.5
ML04115		0.07	32.0	920	14.9	5.5	<0.001	0.04	1.44	1.8	1.4	<0.2	35.2	<0.01	0.09	5.5
ML04116		0.09	29.8	470	11.1	4.0	<0.001	0.04	1.33	1.2	1.2	0.2	22.1	<0.01	0.07	4.3
ML04117		<0.05	22.3	490	11.3	3.3	0.001	0.02	1.50	1.1	0.8	<0.2	25.7	<0.01	0.06	3.8
ML04118		0.05	12.9	410	8.4	3.3	0.001	0.03	2.20	1.2	0.8	0.2	30.0	<0.01	0.03	4.7
ML04119		<0.05	27.0	480	12.9	4.0	0.001	0.02	4.22	1.8	0.9	0.2	19.4	<0.01	0.04	5.9
ML04120		<0.05	23.2	470	16.8	4.9	<0.001	0.02	2.24	1.8	0.5	0.2	17.0	<0.01	0.04	5.6



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ML04081		<0.005	0.03	0.38	5	6.11	2.05	30	4.6
ML04082		<0.005	0.02	0.43	8	3.86	2.08	32	5.1
ML04083		<0.005	0.02	0.40	7	6.03	1.71	32	4.6
ML04084		<0.005	0.02	0.30	4	620	0.82	12	2.8
ML04085		<0.005	0.04	0.87	16	14.55	3.71	69	8.0
ML04086		<0.005	0.04	0.73	14	66.1	3.44	59	8.6
ML04087		<0.005	0.03	0.64	13	3.32	3.43	56	10.1
ML04088		<0.005	0.03	0.54	13	27.5	3.68	62	9.9
ML04089		<0.005	0.03	0.48	13	5.31	3.08	59	10.8
ML04090		<0.005	0.04	0.43	12	26.7	3.37	54	8.8
ML04091		<0.005	<0.02	0.48	8	2.76	3.72	61	10.5
ML04092		<0.005	0.03	0.50	11	14.90	3.05	52	11.1
ML04093		<0.005	0.03	0.41	13	4.08	2.92	44	11.0
ML04094		<0.005	0.04	0.56	12	11.50	3.66	62	15.0
ML04095		<0.005	0.03	0.51	14	2.63	3.19	50	13.6
ML04096		<0.005	0.05	0.72	18	6.30	4.13	71	16.0
ML04097		<0.005	0.03	0.61	15	2.26	3.38	63	12.0
ML04098		<0.005	0.03	0.69	15	6.60	4.67	83	14.5
ML04099		<0.005	0.03	0.72	13	2.46	5.09	79	13.0
ML04100		<0.005	<0.02	0.55	1	0.40	0.89	16	<0.5
ML04101		<0.005	0.03	0.60	13	2.32	3.54	66	13.7
ML04102		<0.005	0.03	0.61	11	7.19	2.64	52	12.3
ML04103		<0.005	0.02	0.42	8	4.13	1.96	37	8.2
ML04104		<0.005	0.02	0.42	9	4.49	1.86	30	8.5
ML04105		<0.005	0.03	0.88	13	2.41	2.65	52	13.0
ML04106		<0.005	0.03	0.52	11	5.35	1.80	33	9.2
ML04107		<0.005	0.03	0.88	19	1.39	2.75	65	12.6
ML04108		<0.005	0.04	0.66	22	4.73	1.93	46	9.9
ML04109		<0.005	0.02	0.75	26	3.69	2.39	53	11.8
ML04110		<0.005	0.03	0.88	23	3.64	3.11	62	10.1
ML04111		<0.005	0.04	1.05	29	3.07	4.36	47	10.0
ML04112		<0.005	0.03	0.92	20	5.29	3.05	58	8.3
ML04113		<0.005	0.04	0.88	14	2.27	3.08	64	6.4
ML04114		<0.005	0.04	0.89	14	2.71	3.33	64	6.9
ML04115		<0.005	0.04	1.09	12	2.50	4.33	60	13.4
ML04116		<0.005	0.03	0.68	9	7.39	2.58	51	12.4
ML04117		<0.005	0.03	0.66	8	4.37	2.19	47	9.2
ML04118		<0.005	0.03	0.60	10	4.30	1.58	33	9.2
ML04119		<0.005	0.03	0.88	13	2.69	2.97	59	10.7
ML04120		<0.005	0.04	0.87	16	3.53	2.57	49	14.7



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ML04121		0.55	<0.005	0.14	0.77	9.6	<0.2	<10	70	0.27	0.19	0.07	0.08	23.2	6.9	16
ML04122		0.63	<0.005	0.13	0.91	12.1	<0.2	<10	80	0.23	0.20	0.06	0.11	36.8	14.6	11
ML04123		0.59	<0.005	0.20	0.84	9.9	<0.2	<10	80	0.25	0.20	0.05	0.15	21.4	11.0	13
ML04124		0.65	0.009	0.30	0.65	7.0	<0.2	<10	100	0.25	0.16	0.05	0.12	13.55	6.7	16
ML04125		0.59	<0.005	0.25	0.63	7.7	<0.2	<10	90	0.25	0.16	0.09	0.19	9.82	6.6	17
ML04126		0.74	<0.005	0.20	0.57	6.6	<0.2	<10	80	0.24	0.11	0.07	0.14	9.11	7.3	15
ML04127		0.67	<0.005	0.25	0.53	5.4	<0.2	<10	90	0.16	0.14	0.06	0.25	6.84	6.9	16
ML04128		0.73	<0.005	0.26	0.54	5.2	<0.2	<10	100	0.20	0.14	0.05	0.27	6.45	8.4	16
ML04129		0.60	0.012	0.24	0.56	5.2	<0.2	<10	70	0.19	0.12	0.04	0.34	9.63	10.6	16
ML04130		0.65	<0.005	0.28	0.72	6.2	<0.2	<10	80	0.19	0.14	0.04	0.11	8.30	3.7	18
ML04131		0.69	<0.005	0.12	0.53	5.2	<0.2	<10	80	0.14	0.07	0.04	0.13	12.55	6.1	14
ML04132		0.61	0.007	0.52	0.91	13.3	<0.2	<10	110	0.22	0.24	0.01	0.05	10.05	2.7	21
ML04133		0.77	<0.005	0.28	0.57	10.2	<0.2	<10	80	0.16	0.14	0.02	0.03	7.43	2.7	16
ML04134		0.68	<0.005	0.18	0.53	11.0	<0.2	<10	70	0.17	0.12	0.01	0.09	5.36	2.5	15
ML04135		0.68	<0.005	0.44	0.82	16.7	<0.2	<10	110	0.24	0.26	0.01	0.06	8.58	3.7	17
ML04136		1.35	<0.005	0.03	0.04	<2	<0.2	<10	10	<0.05	0.02	19.20	0.05	0.92	0.6	<1
ML04137		0.75	<0.005	0.26	0.74	14.6	<0.2	<10	90	0.23	0.18	0.05	0.11	9.33	4.5	16
ML04138		0.68	0.005	0.23	0.43	10.1	<0.2	<10	70	0.15	0.12	0.05	0.13	9.63	4.5	13
ML04139		0.63	0.009	0.37	0.73	13.3	<0.2	<10	90	0.19	0.18	0.01	0.06	10.15	2.9	19
ML04140		0.72	0.005	0.35	0.75	17.0	<0.2	<10	80	0.26	0.17	0.04	0.18	12.80	4.8	18
ML04141		0.72	<0.005	0.11	0.32	6.8	<0.2	<10	50	0.09	0.07	0.02	0.10	6.80	3.4	11
ML04142		0.36	<0.005	0.22	0.64	37.3	<0.2	<10	100	0.28	0.15	0.06	0.18	14.45	5.2	16
ML04143		0.51	0.005	0.24	0.58	38.1	<0.2	<10	90	0.25	0.15	0.06	0.19	15.60	5.1	12
ML04144		1.11	<0.005	0.17	0.51	28.9	<0.2	<10	90	0.22	0.12	0.06	0.18	13.30	4.3	12
ML04145		1.46	<0.005	0.11	2.18	35.2	<0.2	<10	60	0.33	0.09	0.49	0.14	17.75	19.8	130
ML04146		0.48	<0.005	0.07	1.92	26.6	<0.2	<10	70	0.24	0.08	0.74	0.06	29.7	17.7	48
ML04147		0.61	<0.005	0.09	0.86	28.7	<0.2	<10	80	0.23	0.11	1.22	0.28	23.9	11.7	11
ML04148		0.26	<0.005	0.09	1.59	26.3	<0.2	<10	60	0.30	0.12	1.37	0.30	21.8	20.8	90
ML04149		0.28	<0.005	0.10	2.52	19.7	<0.2	<10	90	0.36	0.14	0.40	0.15	38.7	22.7	163
ML04150		0.39	<0.005	0.09	3.18	57.2	<0.2	<10	40	0.32	0.08	2.22	0.16	10.85	72.2	570
ML04151		0.39	<0.005	0.10	1.57	11.9	<0.2	<10	70	0.24	0.20	1.29	0.12	31.3	23.3	114
ML04152		0.28	<0.005	0.15	0.53	10.4	<0.2	<10	60	0.26	0.27	0.14	0.38	26.8	17.5	16
ML04153		0.46	<0.005	0.18	0.69	10.1	<0.2	<10	90	0.25	0.24	0.10	0.55	23.5	12.7	14
ML04154		0.58	<0.005	0.14	0.73	9.1	<0.2	<10	60	0.20	0.16	0.05	0.22	24.6	5.6	12
ML04155		0.53	<0.005	0.15	0.77	9.4	<0.2	<10	60	0.22	0.18	0.05	0.20	31.9	8.2	12
ML04156		0.56	<0.005	0.17	0.86	11.4	<0.2	<10	60	0.23	0.14	0.04	0.25	27.9	8.3	11
ML04157		0.61	<0.005	0.21	0.60	15.3	<0.2	<10	70	0.20	0.12	0.04	0.11	23.4	4.5	14
ML04158		0.52	<0.005	0.14	0.79	16.2	<0.2	<10	80	0.23	0.12	0.08	0.18	15.85	6.4	18
ML04159		0.60	<0.005	0.28	0.76	32.0	<0.2	<10	90	0.23	0.15	0.04	0.18	20.0	6.8	16
ML04160		0.63	<0.005	0.26	0.44	11.4	<0.2	<10	100	0.19	0.17	0.07	0.16	17.65	5.0	16



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ML04121		0.52	26.1	1.94	2.40	0.08	0.33	0.01	0.016	0.09	10.9	8.0	0.10	200	2.45
ML04122		0.56	26.6	3.52	2.65	0.10	0.32	0.01	0.014	0.14	17.1	17.4	0.22	708	1.33
ML04123		0.48	46.8	2.75	2.64	0.08	0.36	0.02	0.018	0.08	9.5	16.8	0.20	380	2.20
ML04124		0.66	32.7	2.03	2.36	0.09	0.35	0.04	0.020	0.08	6.4	3.9	0.04	138	2.87
ML04125		0.67	26.8	1.95	1.89	0.09	0.33	0.02	0.017	0.07	4.8	2.5	0.04	174	2.41
ML04126		0.62	20.4	1.66	1.64	0.09	0.30	0.02	0.012	0.06	4.3	2.8	0.03	162	2.05
ML04127		0.58	27.6	1.66	1.53	0.08	0.30	0.02	0.016	0.06	3.5	2.0	0.03	226	2.14
ML04128		0.69	23.6	1.82	1.61	0.07	0.30	0.03	0.013	0.07	3.2	2.4	0.03	249	2.25
ML04129		0.75	19.3	1.92	1.61	0.07	0.23	0.02	0.013	0.04	4.5	3.4	0.03	295	2.13
ML04130		0.90	21.1	1.69	2.17	0.09	0.20	0.03	0.014	0.05	4.0	2.7	0.04	110	2.43
ML04131		0.69	16.0	0.88	1.51	0.08	0.12	0.01	0.010	0.06	5.5	2.0	0.03	137	1.96
ML04132		1.39	29.3	2.37	3.48	0.10	0.27	0.04	0.026	0.07	4.9	2.5	0.05	131	2.67
ML04133		0.93	19.2	1.59	1.96	0.07	0.17	0.02	0.015	0.05	3.6	2.0	0.03	79	2.15
ML04134		0.85	18.1	1.66	1.60	0.08	0.11	0.02	0.012	0.04	2.5	2.3	0.03	97	2.22
ML04135		1.18	31.2	2.14	2.58	0.08	0.21	0.04	0.023	0.07	4.3	3.4	0.05	101	2.26
ML04136		0.12	0.8	0.39	0.12	0.06	<0.02	<0.01	<0.005	0.01	0.5	0.9	11.60	175	0.08
ML04137		1.02	25.8	1.65	2.00	0.10	0.17	0.02	0.018	0.06	4.4	2.4	0.05	102	1.82
ML04138		0.67	15.7	1.55	1.38	0.08	0.12	0.02	0.010	0.05	4.5	3.2	0.05	148	1.65
ML04139		1.04	24.5	1.95	2.53	0.08	0.23	0.04	0.018	0.06	4.9	2.1	0.04	119	2.52
ML04140		1.21	37.6	2.35	2.53	0.08	0.21	0.03	0.020	0.06	5.6	4.7	0.05	139	2.45
ML04141		0.44	12.5	1.03	0.87	0.07	0.09	0.02	0.009	0.04	3.3	2.0	0.02	92	1.67
ML04142		0.62	29.5	2.05	1.99	0.08	0.11	0.03	0.016	0.06	6.8	5.6	0.07	210	2.16
ML04143		0.62	28.8	1.86	1.90	0.08	0.09	0.02	0.016	0.05	6.9	4.9	0.06	185	1.41
ML04144		0.48	23.6	1.72	1.61	0.09	0.09	0.02	0.013	0.05	6.2	4.1	0.06	178	1.23
ML04145		0.36	15.2	3.50	6.08	0.08	0.20	0.01	0.013	0.06	8.2	92.0	1.81	438	1.40
ML04146		0.33	10.1	2.92	5.26	0.09	0.40	0.01	0.010	0.12	15.4	84.6	1.51	401	1.89
ML04147		0.49	36.8	2.76	2.41	0.08	0.41	0.01	0.014	0.14	11.4	28.5	0.59	612	2.94
ML04148		0.40	36.9	3.37	4.43	0.08	0.27	<0.01	0.013	0.12	9.6	47.0	1.59	657	3.07
ML04149		0.47	38.7	4.43	7.63	0.10	0.22	<0.01	0.020	0.17	19.0	76.4	1.97	609	2.35
ML04150		0.24	38.6	6.55	10.35	0.18	0.12	<0.01	0.031	0.06	5.2	43.3	7.21	994	1.31
ML04151		0.33	30.3	3.43	4.29	0.09	0.30	0.01	0.017	0.17	15.0	37.5	1.52	793	1.36
ML04152		0.48	27.0	3.08	1.52	0.09	0.38	0.01	0.013	0.14	13.0	9.0	0.17	482	1.84
ML04153		0.62	27.6	2.79	2.15	0.07	0.25	0.02	0.015	0.15	10.9	16.9	0.19	635	1.90
ML04154		0.45	24.2	2.13	2.13	0.06	0.29	0.01	0.007	0.16	11.3	22.3	0.22	149	1.39
ML04155		0.40	22.1	2.41	2.21	0.06	0.21	0.01	0.008	0.18	15.5	23.8	0.22	267	1.29
ML04156		0.39	30.0	2.60	2.34	0.07	0.20	0.01	0.008	0.15	13.3	30.2	0.25	358	1.49
ML04157		0.53	36.0	2.39	1.98	0.06	0.21	0.02	0.010	0.15	11.2	15.2	0.15	124	1.69
ML04158		0.48	29.2	1.99	2.36	0.07	0.22	0.02	0.014	0.09	7.5	13.6	0.10	148	1.95
ML04159		0.70	39.8	2.38	2.31	0.06	0.19	0.02	0.013	0.11	9.8	22.6	0.15	139	2.22
ML04160		0.56	23.4	1.93	1.44	0.06	0.21	0.02	0.015	0.09	8.9	5.3	0.03	139	2.76



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CERTIFICATE OF ANALYSIS WH11157540

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ML04121		0.05	20.5	410	15.3	4.4	<0.001	0.02	1.44	1.6	0.4	0.2	12.5	<0.01	0.02	5.4
ML04122		<0.05	28.0	310	18.6	5.9	0.001	0.02	1.01	2.0	0.5	<0.2	10.5	<0.01	0.01	9.7
ML04123		<0.05	29.6	340	11.6	4.0	0.001	0.02	1.37	2.3	0.5	0.2	9.4	<0.01	0.06	5.1
ML04124		<0.05	29.6	410	9.7	4.4	<0.001	0.02	1.91	1.8	0.9	0.2	16.1	<0.01	0.05	5.2
ML04125		<0.05	25.2	560	10.6	3.4	<0.001	0.02	1.37	1.8	1.0	0.2	15.2	<0.01	0.04	5.2
ML04126		0.05	23.0	440	9.3	3.0	0.001	0.02	1.15	1.7	0.7	0.2	10.8	<0.01	0.04	4.4
ML04127		<0.05	26.0	380	7.8	3.1	<0.001	0.02	1.21	1.7	0.6	0.2	10.0	<0.01	0.02	3.9
ML04128		<0.05	27.5	380	8.7	3.3	<0.001	0.02	1.27	1.8	0.9	0.2	10.9	<0.01	0.04	4.2
ML04129		<0.05	26.1	540	6.8	2.2	<0.001	0.02	1.31	1.6	0.7	0.2	11.3	<0.01	0.03	4.1
ML04130		0.05	16.5	420	9.3	2.7	0.002	0.03	1.73	1.5	1.5	0.2	17.1	<0.01	0.05	4.2
ML04131		<0.05	17.8	270	4.5	3.1	<0.001	0.02	1.27	1.2	0.8	0.2	8.9	<0.01	0.03	4.0
ML04132		<0.05	13.7	550	14.0	3.6	0.003	0.04	3.12	2.3	1.9	0.3	23.5	<0.01	0.09	5.9
ML04133		<0.05	9.8	510	9.4	2.6	0.002	0.03	1.81	1.5	1.2	0.2	15.6	<0.01	0.03	4.2
ML04134		0.05	8.7	290	5.8	2.4	0.001	0.05	2.26	1.3	0.7	0.2	10.7	<0.01	0.03	3.0
ML04135		<0.05	13.2	450	15.0	3.6	0.001	0.03	2.92	1.9	1.5	0.2	15.8	<0.01	0.06	5.1
ML04136		<0.05	1.1	200	1.3	0.7	<0.001	0.02	<0.05	0.2	<0.2	<0.2	40.6	<0.01	0.01	<0.2
ML04137		<0.05	17.0	460	9.3	2.9	0.001	0.02	2.33	1.8	1.1	0.2	12.3	<0.01	0.06	5.0
ML04138		0.05	13.1	260	7.8	2.7	0.001	0.03	1.50	1.4	0.8	0.2	11.7	<0.01	0.04	3.0
ML04139		<0.05	14.3	280	11.8	3.1	0.001	0.03	3.14	1.8	1.3	0.2	15.5	<0.01	0.06	4.1
ML04140		<0.05	20.1	480	13.0	3.1	<0.001	0.02	3.25	2.3	1.6	0.2	22.4	<0.01	0.05	4.7
ML04141		<0.05	11.3	230	5.2	2.0	<0.001	0.02	1.22	0.9	0.4	<0.2	8.2	<0.01	0.02	2.5
ML04142		0.12	24.5	410	9.0	3.2	<0.001	0.03	3.57	1.7	0.8	0.2	16.5	<0.01	0.05	4.4
ML04143		0.08	19.4	400	8.5	3.1	<0.001	0.03	3.46	1.7	1.2	0.2	15.9	<0.01	0.03	4.0
ML04144		0.12	16.3	360	8.1	2.8	<0.001	0.01	2.95	1.4	0.6	0.2	12.9	<0.01	0.04	3.7
ML04145		<0.05	136.0	290	6.2	3.0	<0.001	0.01	1.65	3.4	0.5	<0.2	26.6	<0.01	0.01	5.0
ML04146		<0.05	68.9	440	6.2	5.0	<0.001	0.01	0.84	2.4	0.3	<0.2	20.6	<0.01	0.01	9.2
ML04147		<0.05	32.4	450	8.1	5.7	0.001	0.01	1.17	2.1	0.8	<0.2	25.2	<0.01	0.03	9.4
ML04148		<0.05	105.0	460	9.6	5.1	0.001	0.12	1.36	3.1	0.5	<0.2	68.1	<0.01	0.02	7.6
ML04149		<0.05	132.0	700	9.5	7.5	<0.001	0.07	1.55	3.4	0.6	<0.2	30.0	<0.01	0.03	9.5
ML04150		<0.05	517	600	4.8	3.0	<0.001	0.06	2.32	8.2	0.4	<0.2	119.5	<0.01	0.02	2.3
ML04151		<0.05	127.5	410	13.6	6.8	<0.001	0.06	0.79	2.9	0.4	<0.2	69.3	<0.01	0.02	8.3
ML04152		<0.05	52.9	440	16.6	5.9	<0.001	0.02	1.33	2.2	0.5	<0.2	15.0	<0.01	0.06	9.9
ML04153		<0.05	42.4	380	14.7	6.3	<0.001	0.01	1.07	2.3	0.6	<0.2	23.6	<0.01	0.04	12.3
ML04154		<0.05	22.9	240	12.7	6.6	<0.001	0.01	1.19	1.3	0.3	<0.2	15.8	<0.01	0.01	12.8
ML04155		<0.05	32.8	270	18.9	7.3	<0.001	0.01	1.14	1.5	0.3	<0.2	15.7	<0.01	0.01	11.0
ML04156		<0.05	36.1	280	14.0	6.3	<0.001	0.01	1.02	1.5	0.4	<0.2	13.4	<0.01	0.01	12.0
ML04157		<0.05	21.9	290	9.7	6.5	<0.001	0.01	1.65	1.5	0.6	<0.2	17.5	<0.01	0.03	9.2
ML04158		0.06	31.3	480	9.4	4.0	<0.001	0.01	1.34	1.9	0.6	0.2	13.4	<0.01	0.02	5.4
ML04159		<0.05	30.6	380	11.2	4.9	<0.001	0.01	1.61	1.8	0.7	<0.2	15.8	<0.01	0.03	7.3
ML04160		<0.05	21.2	420	12.4	4.7	<0.001	0.03	1.15	2.2	0.7	0.2	24.1	<0.01	0.03	4.6



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ML04121		<0.005	0.03	0.72	11	2.20	2.42	44	13.0
ML04122		<0.005	0.04	0.78	8	2.98	3.03	75	12.8
ML04123		<0.005	0.03	0.87	12	2.78	2.90	67	15.1
ML04124		<0.005	0.04	0.76	13	3.44	2.32	62	15.0
ML04125		<0.005	0.03	0.64	12	3.13	2.78	56	13.2
ML04126		<0.005	0.03	0.48	9	3.99	2.48	41	11.0
ML04127		<0.005	0.03	0.38	10	2.62	2.55	49	12.0
ML04128		<0.005	0.03	0.44	10	3.52	2.55	56	12.5
ML04129		<0.005	0.02	0.69	11	3.25	2.11	48	9.1
ML04130		<0.005	0.02	0.43	15	4.71	1.82	43	8.0
ML04131		<0.005	0.03	0.41	8	4.71	1.78	28	5.3
ML04132		<0.005	0.02	0.55	24	2.91	1.45	49	11.3
ML04133		<0.005	<0.02	0.38	14	5.13	1.01	33	6.4
ML04134		<0.005	0.02	0.38	10	7.31	1.22	29	4.7
ML04135		<0.005	0.03	0.54	19	2.60	1.52	47	9.1
ML04136		<0.005	<0.02	0.58	<1	0.19	0.70	12	<0.5
ML04137		<0.005	0.02	0.60	13	3.22	2.13	38	6.9
ML04138		<0.005	0.02	0.36	9	4.85	1.37	30	5.8
ML04139		<0.005	0.02	0.39	19	2.76	1.29	44	9.8
ML04140		<0.005	0.02	0.84	18	3.47	2.46	57	8.9
ML04141		<0.005	0.02	0.37	6	5.76	1.17	25	4.1
ML04142		<0.005	0.03	0.77	15	1.32	2.31	54	5.9
ML04143		<0.005	0.03	0.70	14	1.01	2.37	52	5.4
ML04144		0.005	0.03	0.66	13	2.17	2.18	45	4.5
ML04145		0.006	0.03	0.46	27	2.00	3.64	87	8.7
ML04146		<0.005	0.04	0.27	18	1.84	3.98	72	16.2
ML04147		<0.005	0.04	0.82	10	0.98	4.61	65	16.3
ML04148		<0.005	0.03	0.62	17	4.42	5.10	71	11.0
ML04149		<0.005	0.05	1.11	27	1.19	4.68	82	10.7
ML04150		0.006	0.02	0.49	55	0.79	4.68	97	5.9
ML04151		<0.005	0.05	0.46	16	1.39	5.90	73	12.4
ML04152		<0.005	0.04	0.55	5	2.58	7.82	90	17.4
ML04153		<0.005	0.04	0.88	7	1.56	5.98	97	10.5
ML04154		<0.005	0.05	0.91	4	1.92	2.69	57	11.8
ML04155		<0.005	0.06	1.51	5	1.62	3.10	59	9.2
ML04156		<0.005	0.05	1.87	5	2.33	3.25	69	8.7
ML04157		<0.005	0.05	1.25	6	1.53	2.16	54	9.5
ML04158		<0.005	0.03	1.22	11	3.20	3.27	58	9.3
ML04159		<0.005	0.04	1.33	8	2.75	2.91	62	8.4
ML04160		<0.005	0.04	0.54	9	3.02	3.81	46	8.8



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CERTIFICATE OF ANALYSIS WH11157540

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ML04161		0.75	0.005	0.32	0.52	15.4	<0.2	<10	100	0.24	0.15	0.10	0.26	14.20	10.1	16
ML04162		0.58	<0.005	0.14	0.37	8.9	<0.2	<10	60	0.16	0.07	0.11	0.14	10.80	4.3	13
ML04163		0.58	0.022	0.61	0.73	36.0	<0.2	<10	120	0.34	0.44	0.20	0.76	17.65	10.3	21
ML04164		0.58	<0.005	0.12	0.23	9.7	<0.2	<10	40	0.08	0.07	0.09	0.28	7.60	4.0	14
ML04165		1.15	<0.005	0.21	0.56	9.2	<0.2	<10	70	0.19	0.10	0.04	0.19	13.55	4.6	17
ML04166		0.75	<0.005	0.34	0.85	16.5	<0.2	<10	100	0.34	0.22	0.08	0.34	18.15	9.8	21
ML04167		0.65	<0.005	0.27	0.62	13.5	<0.2	<10	70	0.21	0.14	0.32	0.31	14.25	7.0	18
ML04168		1.50	<0.005	0.37	0.70	12.6	<0.2	<10	100	0.25	0.22	0.04	0.27	16.35	7.5	17
ML04169		0.82	<0.005	0.25	0.86	12.2	<0.2	<10	100	0.23	0.19	0.34	0.12	19.60	4.7	20
ML04170		0.36	<0.005	0.05	0.24	3.7	<0.2	<10	40	0.09	0.04	0.23	0.05	9.29	2.8	12
ML04171		0.58	<0.005	0.11	0.59	12.1	<0.2	<10	80	0.19	0.10	0.14	0.09	14.55	4.2	16
ML04172		1.09	<0.005	<0.01	0.03	<2	<0.2	<10	10	<0.05	0.02	19.40	0.05	1.49	1.1	<1
ML04173		0.69	<0.005	0.14	0.57	9.7	<0.2	<10	90	0.20	0.11	0.17	0.13	15.45	6.0	16
ML04174		0.92	<0.005	0.28	0.63	8.8	<0.2	<10	100	0.20	0.14	0.18	0.44	16.45	9.4	18
ML04175		0.93	<0.005	0.36	0.86	12.8	<0.2	<10	110	0.26	0.18	0.07	0.14	19.70	5.7	20
ML04176		0.72	<0.005	0.51	0.86	11.7	<0.2	<10	110	0.30	0.20	0.14	0.38	18.30	8.2	22
ML04177		0.58	<0.005	0.31	0.87	9.7	<0.2	<10	90	0.26	0.15	0.09	0.23	15.20	5.6	21
ML04178		0.50	<0.005	0.45	0.95	22.3	<0.2	<10	110	0.32	0.22	0.06	0.17	16.25	6.7	20
ML04179		0.66	<0.005	0.26	0.81	10.0	<0.2	<10	110	0.22	0.16	0.06	0.11	19.45	4.5	20
ML04180		1.05	<0.005	0.23	0.72	8.6	<0.2	<10	80	0.18	0.12	0.05	0.16	16.25	4.4	21
ML04181		1.00	<0.005	0.36	0.77	13.0	<0.2	<10	90	0.23	0.18	0.05	0.06	20.4	3.7	22
ML04182		1.38	<0.005	0.31	0.76	8.4	<0.2	<10	100	0.22	0.14	0.06	0.13	19.80	5.1	20
ML04183		0.40	0.014	0.57	0.71	101.0	<0.2	<10	110	0.28	0.16	0.06	0.18	18.25	5.9	14
ML04184		0.64	0.014	0.52	0.75	87.7	<0.2	<10	110	0.27	0.18	0.06	0.21	21.7	6.6	15
ML04185		0.50	0.006	0.27	1.37	41.3	<0.2	<10	110	0.33	0.16	0.72	0.38	30.4	17.4	96
ML04186		1.37	<0.005	0.26	1.68	19.4	<0.2	<10	100	0.28	0.34	0.22	0.39	36.7	21.5	39
ML04187		0.82	<0.005	0.08	2.23	11.4	<0.2	<10	80	0.31	0.13	0.73	0.11	38.2	24.6	140
ML04188		0.54	<0.005	0.06	2.95	33.7	<0.2	<10	30	0.29	0.05	2.95	0.11	10.35	70.2	634
ML04189		0.28	<0.005	0.09	2.45	15.3	<0.2	<10	60	0.35	0.15	1.44	0.07	32.7	33.8	254
ML04190		0.37	<0.005	0.13	0.74	14.2	<0.2	<10	60	0.27	0.27	4.02	0.35	35.6	16.9	26
ML04191		0.51	<0.005	0.07	0.33	9.6	<0.2	<10	50	0.20	0.19	6.17	0.06	27.9	9.0	12
ML04192		0.43	<0.005	0.16	0.30	11.3	<0.2	<10	60	0.22	0.36	4.93	0.56	26.8	17.6	10
ML04193		0.48	<0.005	0.17	0.56	4.9	<0.2	<10	80	0.21	0.22	0.25	0.32	28.3	10.3	10
ML04194		0.51	<0.005	0.18	0.78	7.4	<0.2	<10	70	0.26	0.21	0.20	0.12	20.2	9.1	15
ML04195		0.54	<0.005	0.12	0.91	6.7	<0.2	<10	70	0.25	0.17	0.19	0.09	20.2	10.3	12
ML04196		0.58	0.005	0.17	0.73	5.8	<0.2	<10	70	0.22	0.11	0.05	0.05	17.25	5.6	13
ML04197		0.59	<0.005	0.22	0.61	3.4	<0.2	<10	90	0.29	0.16	0.56	0.30	13.60	7.6	15
ML04198		0.46	<0.005	0.17	0.38	3.5	<0.2	<10	90	0.18	0.12	1.07	0.14	10.20	4.7	11
ML04199		0.41	<0.005	0.23	0.71	7.2	<0.2	<10	80	0.21	0.15	0.76	0.24	15.00	3.8	16
ML04200		0.55	<0.005	0.42	0.71	13.5	<0.2	<10	60	0.20	0.24	0.34	0.16	15.85	5.3	18



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CERTIFICATE OF ANALYSIS WH11157540

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ML04161		0.63	32.7	1.85	1.65	0.06	0.20	0.03	0.019	0.08	7.2	4.4	0.03	132	2.28
ML04162		0.40	13.2	0.95	1.26	0.05	0.11	0.02	0.010	0.05	5.4	3.1	0.02	76	1.74
ML04163		1.02	24.5	2.17	2.33	0.09	0.24	0.03	0.023	0.09	9.2	3.9	0.04	294	2.86
ML04164		0.22	8.7	1.35	0.77	0.05	0.10	0.01	0.007	0.03	3.5	2.3	0.02	182	2.43
ML04165		0.74	18.8	1.35	1.77	0.06	0.20	0.02	0.011	0.05	6.5	2.3	0.03	108	2.19
ML04166		1.35	35.5	2.07	2.82	0.08	0.26	0.04	0.021	0.06	9.1	6.3	0.05	113	2.79
ML04167		0.71	23.0	1.67	2.03	0.06	0.15	0.03	0.013	0.05	6.9	4.2	0.14	317	2.54
ML04168		1.02	31.9	1.92	2.31	0.07	0.23	0.03	0.019	0.06	8.0	5.6	0.05	144	2.17
ML04169		1.12	16.3	1.76	2.69	0.07	0.25	0.03	0.017	0.06	9.8	2.3	0.09	136	2.27
ML04170		0.23	5.8	1.11	0.76	0.05	0.11	0.01	<0.005	0.03	4.4	1.9	0.03	111	1.62
ML04171		0.53	11.7	1.18	1.79	0.05	0.18	0.01	0.009	0.06	6.9	2.9	0.05	104	1.61
ML04172		0.12	1.6	0.36	0.14	0.05	<0.02	<0.01	<0.005	0.01	0.7	1.0	11.65	178	0.10
ML04173		0.75	12.8	1.13	1.83	0.05	0.22	0.01	0.011	0.06	7.3	5.2	0.06	127	1.90
ML04174		0.84	22.6	1.86	2.00	0.06	0.27	0.03	0.014	0.06	8.4	7.8	0.08	246	2.31
ML04175		1.04	27.1	1.94	2.76	0.07	0.19	0.03	0.019	0.07	9.7	6.0	0.06	105	2.14
ML04176		1.37	38.1	2.35	2.78	0.08	0.28	0.04	0.024	0.07	9.6	5.6	0.05	142	3.05
ML04177		0.92	30.1	1.96	2.80	0.07	0.23	0.03	0.019	0.06	7.4	8.8	0.07	123	2.24
ML04178		1.24	34.3	2.94	3.34	0.08	0.23	0.03	0.021	0.06	7.8	10.9	0.09	154	2.35
ML04179		0.97	24.9	1.49	2.55	0.07	0.21	0.03	0.016	0.07	9.4	4.7	0.05	93	2.16
ML04180		0.79	20.8	1.57	2.24	0.06	0.20	0.02	0.013	0.05	8.1	3.3	0.04	117	2.27
ML04181		1.33	32.1	1.96	2.70	0.07	0.19	0.03	0.023	0.06	10.3	7.0	0.05	70	2.32
ML04182		1.14	29.8	1.87	2.44	0.07	0.19	0.03	0.018	0.06	9.9	5.9	0.04	100	2.63
ML04183		0.78	32.6	2.15	2.41	0.07	0.04	0.03	0.019	0.08	9.0	9.0	0.09	191	1.59
ML04184		0.77	33.7	2.29	2.62	0.07	0.05	0.03	0.020	0.08	10.7	9.2	0.10	213	1.68
ML04185		0.51	35.5	3.37	4.21	0.09	0.18	0.01	0.021	0.13	15.1	32.6	0.89	568	1.68
ML04186		0.38	63.4	3.64	5.08	0.09	0.23	0.01	0.015	0.14	19.0	60.1	1.16	1620	2.63
ML04187		0.39	28.7	3.61	6.52	0.10	0.21	0.01	0.015	0.16	19.4	65.7	2.35	463	1.42
ML04188		0.21	39.8	6.78	8.99	0.23	0.07	0.01	0.036	0.04	4.9	26.9	7.77	1020	1.47
ML04189		0.33	36.7	4.77	6.56	0.12	0.25	0.01	0.020	0.14	16.7	55.0	3.82	583	1.97
ML04190		0.43	40.6	3.15	2.09	0.09	0.55	0.03	0.018	0.15	18.3	21.3	0.41	661	3.03
ML04191		0.32	17.6	2.15	0.90	0.06	0.30	0.01	0.014	0.14	14.0	3.8	0.46	755	1.38
ML04192		0.42	22.6	2.94	0.91	0.07	0.46	0.02	0.022	0.14	13.5	2.8	0.28	878	2.48
ML04193		0.42	23.7	2.21	1.49	0.06	0.22	0.01	0.010	0.16	13.3	10.8	0.13	433	1.72
ML04194		0.49	39.1	2.76	2.32	0.07	0.24	0.02	0.013	0.12	10.0	19.8	0.18	216	2.17
ML04195		0.43	16.4	2.30	2.50	0.07	0.19	0.01	0.009	0.14	9.9	27.1	0.25	449	1.22
ML04196		0.43	19.5	2.07	2.06	0.07	0.17	0.02	0.009	0.10	8.5	18.1	0.16	135	1.39
ML04197		0.70	25.9	2.02	1.79	0.08	0.25	0.02	0.016	0.07	7.0	6.0	0.11	243	2.23
ML04198		0.49	19.2	1.81	1.08	0.05	0.19	0.02	0.010	0.07	5.1	3.7	0.34	182	1.54
ML04199		0.65	14.8	1.81	2.27	0.07	0.18	0.02	0.017	0.05	7.8	3.4	0.22	149	2.13
ML04200		0.66	21.7	1.97	2.34	0.09	0.23	0.03	0.016	0.04	8.2	2.5	0.09	141	1.92



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CERTIFICATE OF ANALYSIS WH11157540

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ML04161		<0.05	39.0	600	11.4	4.0	<0.001	0.01	1.18	2.0	1.4	0.2	19.5	<0.01	0.03	5.4
ML04162		0.06	14.6	560	6.7	2.5	<0.001	0.02	0.62	1.0	0.8	<0.2	16.1	<0.01	0.02	3.7
ML04163		<0.05	33.5	980	31.4	4.4	<0.001	0.01	1.57	2.1	1.5	0.2	23.1	<0.01	0.06	6.2
ML04164		0.08	11.6	440	7.1	1.6	<0.001	0.02	0.74	1.4	0.6	<0.2	7.4	<0.01	0.01	2.0
ML04165		<0.05	17.5	380	8.8	2.9	0.001	0.01	1.27	1.8	1.0	0.2	19.8	<0.01	0.03	4.4
ML04166		0.05	44.4	770	12.8	3.5	0.002	0.01	1.94	2.4	1.9	0.2	29.7	<0.01	0.05	7.2
ML04167		<0.05	24.1	410	9.1	2.6	0.001	0.03	1.29	1.7	1.1	0.2	31.2	<0.01	0.03	4.2
ML04168		<0.05	29.5	520	13.4	3.6	0.001	0.02	1.47	2.2	1.4	0.2	27.9	<0.01	0.05	5.3
ML04169		<0.05	16.7	570	11.2	3.5	0.002	0.02	2.27	2.0	1.2	0.2	28.6	<0.01	0.04	5.8
ML04170		0.06	6.3	230	4.2	1.7	<0.001	0.02	0.41	1.0	0.3	<0.2	8.4	<0.01	0.01	2.2
ML04171		<0.05	10.9	340	7.3	3.3	<0.001	0.01	1.03	1.5	0.4	<0.2	10.1	<0.01	0.01	4.0
ML04172		0.10	3.0	220	1.2	0.5	<0.001	0.01	<0.05	0.4	0.3	<0.2	45.4	<0.01	<0.01	<0.2
ML04173		<0.05	18.3	390	7.0	3.7	<0.001	0.01	0.98	1.7	0.4	0.2	13.6	<0.01	0.02	4.6
ML04174		0.05	34.3	680	12.3	3.6	<0.001	0.01	1.26	2.1	1.1	0.2	20.7	<0.01	0.03	4.7
ML04175		<0.05	23.6	610	11.2	3.7	0.002	0.02	1.74	2.3	1.3	0.2	31.6	<0.01	0.05	6.3
ML04176		<0.05	39.0	880	11.9	4.1	<0.001	0.02	1.95	2.5	1.4	0.2	52.1	<0.01	0.05	6.9
ML04177		<0.05	27.1	550	12.3	3.2	<0.001	0.01	1.67	2.4	0.9	0.2	24.8	<0.01	0.03	5.2
ML04178		<0.05	28.0	650	19.5	3.6	<0.001	0.01	2.45	2.6	1.0	0.2	28.9	<0.01	0.05	5.2
ML04179		<0.05	18.0	490	9.4	3.7	<0.001	0.01	1.67	2.2	0.8	0.2	24.4	<0.01	0.04	5.6
ML04180		0.05	18.6	490	6.5	2.9	<0.001	0.01	1.58	1.8	0.8	0.2	17.8	<0.01	0.02	4.8
ML04181		<0.05	20.5	840	12.1	3.3	0.002	0.02	2.14	2.5	1.5	0.2	29.9	<0.01	0.05	6.8
ML04182		0.05	23.0	600	10.1	3.6	0.001	0.01	1.97	2.3	1.2	0.2	22.2	<0.01	0.04	5.6
ML04183		0.10	22.6	470	18.8	4.5	<0.001	0.03	6.18	2.2	0.9	0.2	19.3	<0.01	0.04	5.1
ML04184		0.13	24.5	470	16.6	4.9	<0.001	0.02	5.31	2.3	0.9	0.2	20.3	<0.01	0.04	5.6
ML04185		0.06	91.2	570	14.2	6.0	<0.001	0.02	2.71	3.3	0.8	<0.2	37.8	<0.01	0.03	7.9
ML04186		<0.05	68.4	680	44.0	5.8	<0.001	0.01	1.81	2.6	0.6	<0.2	21.0	<0.01	0.08	9.1
ML04187		<0.05	149.0	270	9.9	7.5	<0.001	0.01	0.66	3.6	0.3	<0.2	52.2	<0.01	0.02	10.0
ML04188		0.06	533	520	3.8	2.0	<0.001	0.03	0.93	9.5	0.3	<0.2	170.0	<0.01	0.02	1.9
ML04189		0.06	232	570	9.6	7.0	<0.001	0.03	1.65	5.1	0.4	<0.2	90.5	<0.01	0.02	9.6
ML04190		0.09	47.2	570	15.2	7.9	<0.001	0.03	1.52	3.0	0.7	<0.2	139.5	<0.01	0.04	10.0
ML04191		0.06	20.4	360	12.7	6.7	<0.001	0.02	0.70	2.2	0.3	<0.2	219	<0.01	0.03	8.3
ML04192		0.07	33.1	500	25.6	7.0	<0.001	0.02	0.80	2.8	0.6	<0.2	130.0	<0.01	0.06	11.0
ML04193		<0.05	23.1	220	13.4	8.2	<0.001	0.02	0.89	1.7	0.6	<0.2	17.9	<0.01	0.04	9.8
ML04194		0.05	27.2	370	13.3	6.6	<0.001	0.03	1.23	2.0	0.9	<0.2	20.7	<0.01	0.03	6.7
ML04195		0.05	20.9	280	14.0	6.7	<0.001	0.03	0.65	1.7	0.3	<0.2	15.3	<0.01	0.02	8.7
ML04196		<0.05	16.0	220	8.1	5.2	<0.001	0.02	0.79	1.4	0.5	<0.2	11.8	<0.01	0.01	5.9
ML04197		<0.05	32.3	530	9.8	4.5	<0.001	0.04	1.07	2.1	1.1	0.2	27.0	<0.01	0.04	4.9
ML04198		0.05	17.9	410	6.8	4.2	0.001	0.04	0.68	1.6	1.3	<0.2	38.4	<0.01	0.02	3.1
ML04199		<0.05	16.2	520	8.4	3.2	0.001	0.03	1.30	1.8	1.1	0.2	54.1	<0.01	0.02	4.4
ML04200		0.06	22.7	560	13.5	2.5	0.002	0.03	2.35	2.1	1.4	0.2	31.1	<0.01	0.04	4.5



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CERTIFICATE OF ANALYSIS WH11157540

Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ML04161		<0.005	0.03	0.51	11	1.87	3.42	67	7.8
ML04162		<0.005	0.02	0.27	7	6.15	2.20	26	4.6
ML04163		<0.005	0.04	0.56	13	2.96	4.54	82	11.1
ML04164		<0.005	<0.02	0.17	4	7.27	2.42	24	4.2
ML04165		<0.005	0.02	0.47	10	2.99	2.23	35	8.1
ML04166		<0.005	0.02	0.72	16	2.21	3.54	77	11.5
ML04167		<0.005	0.02	0.46	12	5.36	2.79	46	6.9
ML04168		<0.005	0.03	0.56	15	2.99	2.70	66	9.6
ML04169		<0.005	0.02	0.73	15	2.54	2.11	42	11.0
ML04170		<0.005	<0.02	0.26	5	8.42	1.34	12	4.7
ML04171		<0.005	0.02	0.34	9	4.31	1.89	22	7.2
ML04172		<0.005	<0.02	0.49	<1	0.13	0.83	13	<0.5
ML04173		<0.005	0.03	0.35	9	3.61	2.32	30	8.7
ML04174		<0.005	0.03	0.72	12	4.18	3.84	59	11.1
ML04175		<0.005	0.03	0.76	17	1.90	2.67	53	9.0
ML04176		<0.005	0.03	0.87	18	2.14	3.94	73	12.9
ML04177		<0.005	0.03	0.67	18	2.74	2.88	53	10.0
ML04178		<0.005	0.03	0.73	25	2.49	2.98	65	11.0
ML04179		<0.005	0.03	0.56	16	2.37	2.64	43	9.3
ML04180		<0.005	0.02	0.48	13	3.35	2.51	37	8.7
ML04181		<0.005	0.02	0.61	17	1.98	2.32	55	8.1
ML04182		<0.005	0.03	0.46	15	1.90	2.69	55	8.7
ML04183		0.005	0.04	0.73	15	0.74	3.15	59	3.2
ML04184		0.005	0.04	0.78	16	1.10	3.54	62	3.4
ML04185		0.006	0.05	0.65	23	0.57	7.46	85	10.2
ML04186		<0.005	0.04	0.94	18	2.72	9.82	101	12.0
ML04187		<0.005	0.05	0.44	22	2.25	4.31	71	9.0
ML04188		0.007	0.02	0.28	55	1.00	4.58	88	2.8
ML04189		<0.005	0.03	1.43	33	0.71	5.37	81	10.8
ML04190		<0.005	0.04	0.91	10	1.96	10.55	78	22.6
ML04191		<0.005	0.04	0.39	3	1.42	8.41	41	12.8
ML04192		<0.005	0.04	0.56	3	1.49	9.69	94	21.9
ML04193		<0.005	0.05	0.91	4	1.35	4.17	57	9.1
ML04194		<0.005	0.04	0.88	10	2.56	2.86	56	10.2
ML04195		<0.005	0.04	0.52	7	1.15	2.49	45	7.8
ML04196		<0.005	0.04	0.60	8	3.31	1.50	39	6.7
ML04197		<0.005	0.03	0.68	11	1.88	3.72	57	10.7
ML04198		<0.005	0.03	0.35	7	2.82	2.96	35	7.8
ML04199		<0.005	0.02	0.53	12	2.19	2.80	40	7.5
ML04200		<0.005	0.02	0.61	15	2.80	2.73	55	10.0



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CERTIFICATE OF ANALYSIS WH11157540

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
ML04201		0.51	<0.005	0.19	0.47	6.4	<0.2	<10	80	0.21	0.12	0.40	0.22	14.80	4.9	16
ML04202		0.84	<0.005	0.24	0.68	12.4	<0.2	<10	90	0.25	0.15	0.36	0.20	17.20	6.1	18
ML04203		0.73	<0.005	0.06	0.09	2.0	<0.2	<10	40	0.08	0.03	2.12	0.09	6.53	2.4	8
ML04204		0.89	<0.005	0.18	0.33	5.3	<0.2	<10	60	0.12	0.08	0.76	0.17	8.64	4.5	12
ML04205		0.99	<0.005	0.13	0.19	4.7	<0.2	<10	60	0.11	0.07	0.69	0.16	7.09	3.6	11
ML04206		1.02	<0.005	0.27	0.34	8.7	<0.2	<10	100	0.17	0.12	0.83	0.19	9.86	6.4	13
ML04207		1.27	<0.005	0.23	0.33	11.0	<0.2	<10	100	0.17	0.14	1.22	0.22	10.80	5.7	13
ML04208		0.82	<0.005	0.30	0.36	17.5	<0.2	<10	110	0.18	0.15	0.88	0.19	13.25	5.5	12
ML04209		1.05	<0.005	0.19	0.35	14.7	<0.2	<10	100	0.16	0.10	0.70	0.17	12.90	4.7	13



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ML04201		0.65	18.4	1.38	1.49	0.06	0.21	0.02	0.012	0.05	8.2	5.7	0.11	108	2.66
ML04202		0.82	16.9	1.57	2.23	0.08	0.25	0.03	0.016	0.06	8.8	3.4	0.12	133	2.35
ML04203		0.14	9.8	1.40	0.30	<0.05	0.09	0.01	<0.005	0.02	3.3	1.1	0.72	208	2.21
ML04204		0.43	18.7	1.42	1.02	0.06	0.24	0.02	0.009	0.04	4.5	2.5	0.23	162	2.38
ML04205		0.34	15.1	1.13	0.60	<0.05	0.15	0.02	0.006	0.04	3.7	1.5	0.21	134	2.38
ML04206		0.67	35.3	1.57	1.09	0.06	0.29	0.02	0.013	0.06	5.2	3.6	0.18	164	3.15
ML04207		0.66	26.7	1.53	1.00	0.05	0.24	0.01	0.014	0.07	5.7	2.5	0.26	167	2.44
ML04208		0.69	38.8	1.79	1.10	0.06	0.26	0.01	0.014	0.07	7.2	2.0	0.23	331	3.03
ML04209		0.54	23.6	1.40	1.07	0.06	0.23	0.02	0.011	0.07	7.1	1.9	0.21	175	2.39



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CERTIFICATE OF ANALYSIS WH11157540

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ML04201		<0.05	20.4	720	7.9	3.2	0.001	0.02	1.19	1.6	1.0	<0.2	32.0	<0.01	0.02	3.9
ML04202		0.06	22.9	480	8.1	3.8	0.001	0.03	2.20	2.1	1.0	0.2	42.3	<0.01	0.03	4.9
ML04203		0.06	9.1	190	4.4	1.5	<0.001	0.03	0.28	1.1	0.3	<0.2	50.5	<0.01	0.01	1.6
ML04204		0.07	21.4	430	5.0	2.6	<0.001	0.05	0.91	1.5	0.9	<0.2	28.3	<0.01	0.02	2.6
ML04205		0.05	14.1	260	5.0	2.5	0.001	0.05	0.55	1.1	0.6	<0.2	21.4	<0.01	0.01	2.1
ML04206		0.07	30.9	310	7.7	3.9	0.001	0.06	0.99	1.7	1.5	<0.2	25.6	<0.01	0.03	3.1
ML04207		<0.05	24.4	310	10.2	4.3	<0.001	0.05	1.11	2.2	1.3	<0.2	34.8	<0.01	0.03	3.2
ML04208		0.06	28.3	470	7.4	4.4	0.001	0.05	1.77	1.9	1.4	<0.2	35.5	<0.01	0.04	3.4
ML04209		<0.05	20.4	350	6.0	4.0	0.001	0.05	1.60	1.6	1.0	<0.2	29.0	<0.01	0.03	3.2



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CERTIFICATE OF ANALYSIS WH11157540

Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ML04201		<0.005	0.02	0.44	9	5.52	2.93	42	8.6
ML04202		<0.005	0.02	0.49	12	2.95	3.09	44	10.2
ML04203		<0.005	<0.02	0.17	2	6.99	2.88	21	4.1
ML04204		<0.005	<0.02	0.44	7	5.42	2.74	47	10.4
ML04205		<0.005	0.02	0.27	4	5.29	2.11	31	6.2
ML04206		<0.005	0.02	0.43	7	2.85	2.82	53	11.6
ML04207		<0.005	0.02	0.40	7	2.42	3.36	53	10.3
ML04208		<0.005	0.02	0.53	8	3.57	3.14	52	11.2
ML04209		<0.005	0.02	0.42	7	2.41	2.65	40	9.4



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CERTIFICATE OF ANALYSIS WH11157540

Method	CERTIFICATE COMMENTS
ME- MS41 ME- MS41	Interference: Ca> 10% on ICP- MS As,ICP- AES results shown. Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).



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CERTIFICATE WH11159780

Project: Mount Hinton

P.O. No.:

This report is for 137 Rock samples submitted to our lab in Whitehorse, YT, Canada on 15- AUG- 2011.

The following have access to data associated with this certificate:

DOUG EATON

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- MS41	51 anal. aqua regia ICPMS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH11159780

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	Au- GRA22 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm
		0.02	0.005	0.05	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1
ML04210		0.67	<0.005		0.01	0.03	<2	<0.2	<10	10	<0.05	0.03	17.95	0.05	1.15	0.6
ML04211		0.71	<0.005		0.24	0.37	20.7	<0.2	<10	90	0.20	0.15	0.82	0.19	14.80	5.8
ML04212		0.77	0.005		0.29	0.38	26.7	<0.2	<10	90	0.17	0.14	0.65	0.18	9.20	5.7
ML04213		1.23	<0.005		0.34	0.52	29.8	<0.2	<10	100	0.23	0.12	1.12	0.27	9.78	5.9
ML04214		0.65	<0.005		0.30	0.56	36.2	<0.2	<10	100	0.18	0.14	1.15	0.27	11.15	7.4
ML04215		0.35	<0.005		0.19	0.41	21.3	<0.2	<10	70	0.15	0.09	0.32	0.13	10.05	4.3
ML04216		0.70	0.025		0.13	0.23	191.5	<0.2	<10	50	0.10	0.06	0.30	0.09	6.63	3.2
ML04217		1.28	0.037		0.70	0.81	123.0	<0.2	<10	90	0.27	0.18	0.16	0.21	12.55	5.2
ML04218		0.87	0.011		0.56	0.81	97.4	<0.2	<10	110	0.24	0.24	0.27	0.17	15.90	5.5
ML04219		0.86	0.008		0.40	0.68	68.9	<0.2	<10	90	0.40	0.19	0.15	0.27	13.35	5.5
ML04220		1.29	0.005		0.34	0.60	46.9	<0.2	<10	80	0.33	0.14	0.09	0.28	13.35	6.2
ML04221		0.99	0.006		0.43	0.58	56.7	<0.2	<10	100	0.31	0.14	0.10	0.22	17.95	5.1
ML04222		0.49	0.013		0.41	0.63	81.8	<0.2	<10	90	0.38	0.26	0.07	0.52	19.55	14.6
ML04223		1.45	0.008		0.28	0.60	62.2	<0.2	<10	90	0.31	0.24	0.07	0.47	19.50	13.3
ML04224		0.93	<0.005		0.26	0.30	34.3	<0.2	<10	100	0.25	0.23	0.24	0.65	27.1	16.7
ML04225		0.77	<0.005		0.23	0.26	44.0	<0.2	<10	90	0.24	0.29	0.07	1.52	30.2	19.8
ML04226		0.68	<0.005		0.21	0.33	25.8	<0.2	<10	80	0.19	0.27	0.06	0.46	19.70	6.4
ML04227		0.43	<0.005		0.16	0.59	21.4	<0.2	<10	80	0.20	0.20	0.05	0.22	37.4	10.4
ML04228		0.44	0.042		0.21	0.39	856	<0.2	<10	70	0.17	0.18	0.06	0.09	41.7	11.3
ML04229		0.50	<0.005		0.11	0.38	147.0	<0.2	<10	70	0.24	0.12	0.07	0.07	32.7	10.0
ML04230		0.58	<0.005		0.12	0.58	26.0	<0.2	<10	60	0.19	0.15	0.07	0.04	42.8	9.4
ML04231		0.43	<0.005		0.14	0.41	19.3	<0.2	<10	80	0.23	0.14	0.08	0.12	36.5	14.8
ML04232		0.54	<0.005		0.16	0.40	16.9	<0.2	<10	70	0.22	0.13	0.04	0.09	26.0	17.8
ML04233		0.59	<0.005		0.29	0.50	47.4	<0.2	<10	80	0.34	0.39	0.10	0.16	18.80	12.6
ML04234		0.68	<0.005		0.04	0.06	<2	<0.2	<10	10	0.05	0.03	19.35	0.06	1.20	0.6
ML04235		0.87	<0.005		0.16	0.37	61.0	<0.2	<10	70	0.20	0.14	0.09	0.18	11.55	9.5
ML04236		0.86	<0.005		0.12	1.12	24.5	<0.2	<10	70	0.40	0.13	0.20	0.16	28.0	8.4
ML04237		1.41	0.014		0.26	0.52	15.4	<0.2	<10	80	0.37	0.30	0.17	0.15	22.7	7.7
ML04238		1.51	<0.005		0.18	0.80	6.2	<0.2	<10	80	0.28	0.20	0.16	0.07	37.1	11.5
ML04239		1.26	<0.005		0.17	0.60	5.0	<0.2	<10	70	0.25	0.21	0.04	0.05	31.7	9.5
ML04240		0.71	<0.005		0.16	0.69	5.6	<0.2	<10	70	0.22	0.18	0.03	0.01	28.9	4.3
ML04241		0.82	<0.005		0.27	0.67	7.4	<0.2	<10	80	0.27	0.27	0.05	0.07	25.9	4.6
ML04242		1.68	<0.005		0.15	0.72	7.9	<0.2	<10	80	0.20	0.15	0.03	0.05	25.3	5.4
ML04243		1.44	0.005		0.26	0.37	7.4	<0.2	<10	70	0.19	0.16	0.02	0.11	18.85	4.4
ML04244		0.71	0.017		0.24	0.60	20.9	<0.2	<10	90	0.30	0.13	0.11	0.21	22.6	8.0
ML04245		0.88	0.008		0.43	0.68	19.0	<0.2	<10	100	0.31	0.22	0.05	0.16	25.5	6.2
ML04246		1.39	0.005		0.37	0.63	18.0	<0.2	<10	80	0.26	0.22	0.08	0.31	23.5	9.5
ML04247		1.58	0.007		0.40	0.60	35.9	<0.2	<10	120	0.20	0.19	0.19	0.28	19.50	8.8
ML04248		1.04	0.008		0.53	0.71	42.3	<0.2	<10	120	0.35	0.17	0.13	0.34	13.35	9.9
ML04249		0.82	0.005		0.46	0.73	27.6	<0.2	<10	170	0.32	0.18	0.11	0.34	21.2	7.9



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Sample Description	Method Analyte Units LOR	ME- MS41 Cr ppm 1	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05
ML04210		<1	0.14	2.0	0.38	0.09	<0.05	<0.02	<0.01	<0.005	0.01	0.5	1.1	11.30	178	0.08
ML04211		13	0.65	31.7	1.67	1.19	0.05	0.30	<0.01	0.014	0.07	7.3	2.4	0.23	183	3.24
ML04212		13	0.76	25.7	1.68	1.20	<0.05	0.34	<0.01	0.011	0.06	4.7	2.3	0.20	146	2.76
ML04213		16	0.88	30.3	2.06	1.60	0.06	0.36	<0.01	0.015	0.07	5.0	5.2	0.30	229	2.39
ML04214		16	0.82	37.1	2.13	1.68	<0.05	0.36	<0.01	0.012	0.06	5.7	3.2	0.31	279	2.68
ML04215		14	0.71	19.8	1.14	1.26	0.05	0.22	0.02	0.008	0.05	5.0	2.2	0.07	106	1.86
ML04216		11	0.52	9.7	0.93	0.68	<0.05	0.13	0.02	0.006	0.03	3.3	2.0	0.08	68	2.07
ML04217		17	1.23	31.6	2.15	2.44	0.06	0.28	0.04	0.022	0.06	6.1	17.7	0.11	130	2.32
ML04218		18	1.21	28.7	2.04	2.64	0.14	0.30	0.04	0.024	0.06	7.5	4.2	0.10	144	2.34
ML04219		17	1.17	36.9	1.89	1.85	0.12	0.38	0.04	0.020	0.05	6.4	4.8	0.05	91	2.81
ML04220		15	0.86	34.2	1.67	1.51	0.11	0.25	0.03	0.016	0.04	6.3	3.5	0.03	90	2.67
ML04221		16	1.12	27.6	1.54	1.62	0.12	0.29	0.04	0.017	0.06	8.2	5.3	0.02	73	2.30
ML04222		17	0.73	40.3	2.94	1.91	0.11	0.20	0.03	0.021	0.10	8.9	10.3	0.11	451	3.40
ML04223		14	0.58	35.1	2.81	1.78	0.11	0.23	0.03	0.017	0.11	8.5	9.8	0.10	439	2.63
ML04224		7	0.38	32.6	2.96	0.83	0.10	0.38	0.04	0.014	0.13	12.0	1.9	0.04	794	1.69
ML04225		9	0.44	44.1	3.85	0.79	0.10	0.37	0.04	0.026	0.12	13.6	1.2	0.03	822	3.19
ML04226		15	0.51	26.1	2.49	1.12	0.11	0.33	0.03	0.021	0.11	9.2	1.3	0.02	195	3.32
ML04227		11	0.38	23.8	2.76	2.05	0.11	0.21	0.03	0.015	0.15	16.9	10.4	0.10	375	1.65
ML04228		11	0.47	24.9	2.40	1.18	0.11	0.20	0.02	0.012	0.16	18.3	5.7	0.05	255	2.36
ML04229		11	0.37	18.7	2.71	1.19	0.11	0.21	0.03	0.016	0.12	14.1	10.2	0.07	580	2.08
ML04230		9	0.41	22.6	2.43	1.83	0.11	0.28	0.02	0.011	0.14	20.5	16.7	0.14	420	1.42
ML04231		10	0.46	33.8	2.98	1.14	0.11	0.21	0.01	0.016	0.17	16.6	5.3	0.05	700	1.92
ML04232		11	0.36	31.1	2.46	1.00	0.10	0.17	0.02	0.012	0.12	11.4	4.5	0.03	374	2.06
ML04233		16	0.54	36.9	2.59	1.45	0.11	0.28	0.02	0.018	0.11	8.7	2.5	0.02	286	3.44
ML04234		<1	0.13	1.8	0.45	0.15	0.08	<0.02	0.01	<0.005	0.03	0.5	1.0	11.60	198	0.13
ML04235		12	0.61	22.3	1.94	0.98	0.10	0.23	0.02	0.011	0.08	5.5	4.0	0.04	276	1.95
ML04236		21	0.71	19.4	2.12	3.30	0.16	0.29	0.01	0.022	0.07	12.7	6.1	0.09	153	2.03
ML04237		16	0.82	22.6	2.23	1.64	0.12	0.29	0.02	0.015	0.08	11.0	2.7	0.04	159	2.73
ML04238		13	0.40	22.8	2.53	2.35	0.14	0.30	0.02	0.012	0.14	16.7	18.8	0.16	265	1.67
ML04239		10	0.33	23.2	2.19	1.68	0.10	0.22	0.01	0.009	0.14	13.2	16.6	0.13	234	1.58
ML04240		12	0.35	25.9	2.54	2.16	0.10	0.23	0.01	0.010	0.14	12.4	18.8	0.17	177	1.46
ML04241		15	0.62	38.1	2.36	2.23	0.10	0.32	0.01	0.016	0.11	11.9	11.2	0.09	167	2.85
ML04242		13	0.36	21.0	1.97	2.10	0.09	0.20	0.02	0.010	0.12	10.8	20.5	0.17	175	1.91
ML04243		12	0.50	30.1	1.78	1.16	0.10	0.27	0.01	0.014	0.07	8.4	2.4	0.02	130	3.46
ML04244		16	0.67	22.1	1.85	1.88	0.12	0.25	0.02	0.018	0.07	9.6	2.1	0.03	209	2.35
ML04245		17	0.97	32.5	2.22	2.33	0.11	0.28	0.03	0.025	0.07	11.5	3.5	0.03	137	2.96
ML04246		18	1.00	24.6	2.37	2.15	0.11	0.28	0.03	0.023	0.05	11.0	3.9	0.03	139	2.79
ML04247		14	0.80	34.6	2.26	1.85	0.11	0.38	0.02	0.020	0.08	9.1	4.0	0.05	225	2.20
ML04248		19	1.00	41.5	2.39	2.09	0.10	0.42	0.03	0.022	0.08	6.6	2.9	0.04	191	3.01
ML04249		20	1.06	35.4	2.20	2.30	0.10	0.47	0.02	0.024	0.10	9.9	4.4	0.04	220	2.97



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Sample Description	Method Analyte Units LOR	ME- MS41 Na %	ME- MS41 Nb ppm	ME- MS41 Ni ppm	ME- MS41 P ppm	ME- MS41 Pb ppm	ME- MS41 Rb ppm	ME- MS41 Re ppm	ME- MS41 S %	ME- MS41 Sb ppm	ME- MS41 Sc ppm	ME- MS41 Se ppm	ME- MS41 Sn ppm	ME- MS41 Sr ppm	ME- MS41 Ta ppm	ME- MS41 Te ppm
ML04210		0.01	<0.05	1.5	210	1.6	0.8	<0.001	0.01	0.13	0.2	0.2	<0.2	51.0	<0.01	<0.01
ML04211		0.01	<0.05	25.7	460	8.3	3.6	<0.001	0.04	2.94	1.6	1.4	0.2	29.6	<0.01	0.04
ML04212		0.01	0.05	23.8	390	10.8	3.2	<0.001	0.03	5.18	1.6	1.5	0.2	26.9	<0.01	0.01
ML04213		0.02	<0.05	27.6	920	8.6	3.4	0.001	0.04	7.81	2.0	2.0	0.2	45.3	<0.01	0.02
ML04214		0.01	0.05	35.2	560	7.5	3.3	0.001	0.03	10.90	2.1	2.0	0.2	42.7	<0.01	0.07
ML04215		0.01	<0.05	17.5	300	5.9	2.6	0.001	0.02	5.11	1.5	1.0	<0.2	16.2	<0.01	0.01
ML04216		0.01	0.06	10.6	350	3.4	1.9	0.001	0.01	2.77	0.8	0.7	<0.2	24.0	<0.01	0.02
ML04217		0.02	<0.05	26.1	530	13.7	3.4	0.001	0.02	10.50	2.2	1.4	0.2	35.3	<0.01	0.04
ML04218		0.02	<0.05	22.2	580	13.0	3.5	0.001	0.03	10.55	2.3	1.3	0.2	43.9	<0.01	0.05
ML04219		0.02	<0.05	25.2	690	12.2	2.9	<0.001	0.02	9.35	2.4	0.9	0.2	54.3	<0.01	0.05
ML04220		0.01	0.05	30.2	600	7.6	2.6	<0.001	0.01	6.30	1.9	1.4	0.2	41.2	<0.01	0.04
ML04221		0.02	<0.05	23.0	700	7.7	3.4	<0.001	0.01	7.04	1.8	0.9	0.2	51.3	<0.01	0.02
ML04222		0.01	0.11	43.2	510	19.4	5.2	<0.001	0.02	5.54	2.3	1.4	0.2	16.8	<0.01	0.04
ML04223		0.01	0.07	37.4	480	17.5	5.3	<0.001	0.02	4.60	2.1	1.2	0.2	15.6	<0.01	0.05
ML04224		0.01	0.09	38.4	530	25.8	5.8	<0.001	0.01	4.13	2.2	0.9	0.2	16.2	<0.01	0.03
ML04225		0.01	0.15	55.4	580	29.8	5.2	<0.001	0.01	4.76	3.1	0.5	<0.2	10.7	<0.01	0.06
ML04226		0.01	0.09	25.5	420	26.7	4.9	<0.001	0.03	2.29	1.7	1.0	0.2	15.1	<0.01	0.05
ML04227		0.01	<0.05	24.1	320	18.5	6.2	<0.001	0.02	2.44	1.8	0.3	0.2	12.9	<0.01	0.02
ML04228		0.01	<0.05	23.1	220	12.4	7.4	<0.001	0.01	4.64	1.5	<0.2	0.2	18.4	<0.01	0.02
ML04229		0.01	<0.05	21.5	280	9.1	5.5	<0.001	0.01	3.79	1.8	0.3	0.2	13.1	<0.01	0.02
ML04230		0.01	<0.05	17.3	300	9.9	6.4	<0.001	0.01	2.26	1.5	0.2	0.2	15.1	<0.01	0.02
ML04231		0.01	<0.05	27.1	350	12.2	7.3	<0.001	0.01	1.78	1.9	0.7	0.2	15.4	<0.01	0.01
ML04232		0.01	<0.05	31.2	320	11.7	5.4	0.001	0.01	2.00	1.7	0.6	0.2	16.0	<0.01	0.01
ML04233		0.01	<0.05	34.9	680	20.9	4.9	<0.001	0.01	2.40	2.3	0.6	0.2	19.4	<0.01	0.05
ML04234		0.01	<0.05	1.6	240	1.2	1.0	<0.001	0.02	0.05	0.3	<0.2	<0.2	50.9	<0.01	<0.01
ML04235		0.01	<0.05	32.8	330	9.3	3.6	0.001	0.01	2.03	1.6	0.3	<0.2	9.8	<0.01	0.01
ML04236		0.01	<0.05	26.2	750	6.3	3.6	<0.001	0.02	3.97	2.7	0.3	0.3	17.6	<0.01	0.02
ML04237		0.02	<0.05	24.3	430	16.0	3.8	<0.001	0.02	2.03	1.6	1.2	0.2	22.2	<0.01	0.09
ML04238		0.01	<0.05	20.5	550	10.1	6.2	<0.001	0.02	1.30	1.8	0.6	0.2	21.3	<0.01	0.01
ML04239		0.01	<0.05	18.5	260	13.9	6.3	<0.001	0.01	1.41	1.3	0.3	<0.2	13.1	<0.01	0.02
ML04240		0.01	0.09	12.3	240	14.6	5.9	<0.001	0.02	1.20	1.3	<0.2	0.2	13.8	<0.01	<0.01
ML04241		0.01	<0.05	18.5	470	14.8	5.2	0.001	0.03	1.53	1.9	0.8	0.2	40.8	<0.01	0.06
ML04242		0.01	<0.05	14.1	210	8.6	5.0	<0.001	0.01	0.87	1.4	0.5	0.2	12.4	<0.01	0.01
ML04243		0.01	<0.05	25.3	270	11.2	3.4	<0.001	0.01	1.37	1.4	1.0	0.2	20.5	<0.01	0.01
ML04244		0.01	<0.05	29.3	570	9.2	3.7	<0.001	0.01	2.28	2.0	1.0	0.2	15.6	<0.01	0.01
ML04245		0.02	<0.05	31.5	550	13.8	3.7	0.001	0.02	3.18	2.1	1.3	0.2	27.4	<0.01	0.06
ML04246		0.02	<0.05	37.7	720	13.6	3.0	0.001	0.02	3.03	2.4	2.2	0.3	31.4	<0.01	0.03
ML04247		0.02	<0.05	37.4	440	10.9	4.2	<0.001	0.01	3.15	2.3	1.3	0.2	16.7	<0.01	0.06
ML04248		0.02	<0.05	43.0	670	9.0	4.2	<0.001	0.01	5.46	3.0	1.3	0.2	21.7	<0.01	0.04
ML04249		0.02	<0.05	33.8	480	10.8	5.0	0.001	0.01	3.92	2.9	1.6	0.3	17.1	<0.01	0.04



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Th	Ti	Ti	U	V	W	Y	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	0.005	0.02	0.05	1	0.05	0.05	2
									0.5
ML04210		<0.2	<0.005	<0.02	0.45	1	0.16	0.83	11
ML04211		3.5	<0.005	0.03	0.48	8	3.89	3.27	44
ML04212		3.3	<0.005	0.03	0.55	8	3.56	2.69	52
ML04213		3.4	<0.005	0.02	0.76	10	1.87	4.33	57
ML04214		3.3	<0.005	0.03	0.61	11	2.10	3.99	67
ML04215		3.0	<0.005	0.02	0.36	7	5.83	1.89	30
ML04216		2.0	<0.005	0.02	0.44	4	8.44	1.44	17
ML04217		4.8	<0.005	0.03	1.48	17	4.56	2.24	63
ML04218		5.7	<0.005	0.02	0.97	17	2.30	2.56	56
ML04219		5.0	<0.005	0.02	1.27	13	1.95	3.03	64
ML04220		4.0	<0.005	0.02	0.81	10	3.47	3.01	60
ML04221		4.7	<0.005	0.03	0.75	10	1.98	2.88	57
ML04222		9.6	0.006	0.04	1.22	12	1.49	5.76	100
ML04223		9.0	0.005	0.03	1.13	11	0.72	5.41	98
ML04224		11.0	<0.005	0.04	1.04	4	1.45	8.61	75
ML04225		12.0	<0.005	0.03	1.55	4	1.35	10.35	134
ML04226		6.8	<0.005	0.03	0.95	7	4.76	4.02	86
ML04227		11.5	<0.005	0.04	0.93	7	1.87	4.51	67
ML04228		12.8	<0.005	0.05	0.82	3	2.99	3.79	52
ML04229		9.3	<0.005	0.04	0.64	4	1.85	4.70	56
ML04230		11.4	<0.005	0.05	0.83	4	1.82	4.18	41
ML04231		10.2	<0.005	0.05	1.01	3	1.94	6.75	43
ML04232		7.8	<0.005	0.04	1.24	4	2.97	3.89	44
ML04233		4.3	<0.005	0.03	1.31	9	2.54	4.92	59
ML04234		0.2	<0.005	<0.02	0.58	2	0.07	0.93	13
ML04235		3.8	<0.005	0.02	0.78	6	1.28	3.35	60
ML04236		7.1	<0.005	0.02	0.68	15	2.87	3.60	51
ML04237		6.1	<0.005	0.03	1.04	10	3.00	2.90	43
ML04238		11.7	<0.005	0.04	1.47	7	1.82	3.67	56
ML04239		10.3	<0.005	0.05	1.56	4	1.63	2.24	42
ML04240		9.8	<0.005	0.05	1.07	6	1.90	1.39	35
ML04241		6.5	<0.005	0.05	1.02	11	2.27	2.73	43
ML04242		7.6	<0.005	0.04	0.66	7	2.72	1.38	39
ML04243		4.4	<0.005	0.03	0.83	7	4.30	1.71	51
ML04244		5.7	<0.005	0.03	0.71	11	3.01	3.13	57
ML04245		5.9	<0.005	0.02	0.98	15	2.34	2.76	64
ML04246		5.8	<0.005	0.02	1.12	13	2.84	3.51	69
ML04247		5.3	<0.005	0.04	0.79	12	1.73	3.49	74
ML04248		5.7	<0.005	0.03	0.94	14	1.90	4.44	77
ML04249		5.5	<0.005	0.03	0.63	14	1.63	4.11	71



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CERTIFICATE OF ANALYSIS WH11159780

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	Au- GRA22 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm
		0.02	0.005	0.05	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1
ML04250		1.29	<0.005		0.15	0.38	10.0	<0.2	<10	70	0.18	0.06	0.06	0.12	11.55	4.8
ML04251		0.77	<0.005		0.39	0.42	14.7	<0.2	<10	110	0.20	0.08	0.07	0.14	13.65	5.9
ML04252		1.37	<0.005		0.35	0.46	13.7	<0.2	<10	130	0.23	0.11	0.13	0.28	15.35	7.4
ML04253		1.64	<0.005		0.31	0.90	34.8	<0.2	<10	110	0.38	0.18	0.13	0.35	18.30	16.2
ML04254		1.14	<0.005		0.17	0.44	26.9	<0.2	<10	80	0.16	0.07	0.06	0.11	10.75	5.2
ML04255		1.14	<0.005		0.31	0.56	23.9	<0.2	<10	120	0.22	0.11	0.06	0.14	13.85	7.8
ML04256		0.63	<0.005		0.28	0.44	24.5	<0.2	<10	110	0.19	0.09	0.04	0.20	10.90	6.9
ML04257		1.70	<0.005		0.29	0.52	22.9	<0.2	<10	110	0.21	0.11	0.05	0.20	11.65	6.5
ML04258		0.86	<0.005		0.19	0.40	22.5	<0.2	<10	70	0.17	0.08	0.06	0.19	10.20	39.6
ML04259		1.12	<0.005		0.13	0.63	31.5	<0.2	<10	80	0.20	0.08	0.07	0.12	13.70	18.3
ML04260		0.97	<0.005		0.18	0.55	25.9	<0.2	<10	80	0.23	0.10	0.09	0.20	15.90	8.8
ML04261		0.94	<0.005		0.45	0.73	24.0	<0.2	<10	90	0.25	0.15	0.06	0.21	19.90	9.5
ML04262		1.09	<0.005		0.16	0.47	19.4	<0.2	<10	70	0.18	0.08	0.04	0.17	14.00	5.1
ML04263		0.49	0.444		0.76	0.67	577	<0.2	<10	170	0.30	0.17	0.03	0.14	15.30	4.6
ML04264		0.95	0.035		0.55	0.49	226	<0.2	<10	100	0.30	0.17	1.45	0.29	23.1	13.6
ML04265		0.79	0.044		0.26	0.53	196.0	<0.2	<10	60	0.27	0.13	2.46	0.12	23.6	11.9
ML04266		1.08	0.011		0.11	0.64	116.0	<0.2	<10	60	0.25	0.21	2.16	0.08	31.0	14.5
ML04267		0.58	0.024		0.23	0.51	288	<0.2	<10	60	0.28	0.22	2.02	0.11	28.1	14.6
ML04268		0.39	0.103		2.23	0.41	2580	<0.2	<10	70	0.23	0.10	2.88	0.58	19.60	12.8
ML04269		0.43	0.383		1.92	0.34	1925	<0.2	<10	90	0.25	0.13	0.71	0.28	9.54	10.9
ML04270		0.49	0.473		1.13	0.25	400	<0.2	<10	90	0.17	0.10	0.02	0.06	5.99	2.0
ML04271		0.59	>10.0	31.7	23.3	0.23	522	1.0	<10	90	0.09	0.17	0.02	0.10	6.86	1.3
ML04272		0.45	0.119		0.85	0.57	573	<0.2	<10	120	0.30	0.18	0.02	0.07	16.95	2.9
ML04273		0.55	0.122		1.36	0.54	847	<0.2	<10	90	0.34	0.15	0.08	0.11	9.20	3.7
ML04274		0.76	0.072		0.93	0.52	572	<0.2	<10	130	0.30	0.18	0.04	0.10	7.84	2.7
ML04275		0.46	<0.005		0.06	0.06	2	<0.2	<10	10	0.06	0.02	19.45	0.06	1.83	0.5
ML04276		0.68	0.038		1.12	0.73	756	<0.2	<10	80	0.29	0.11	0.07	0.15	6.02	5.1
ML04277		0.96	0.011		0.23	0.72	189.5	<0.2	<10	90	0.41	0.25	0.13	0.41	10.85	10.2
ML04278		0.96	0.041		1.15	1.27	210	<0.2	<10	60	0.38	0.26	0.18	0.39	8.31	16.4
ML04279		1.16	0.019		0.45	1.17	157.0	<0.2	<10	70	0.32	0.12	0.39	0.33	8.30	10.8
ML04280		0.85	0.005		0.08	0.46	64.4	<0.2	<10	90	0.20	0.12	0.08	0.10	6.51	5.3
ML04281		0.81	0.010		0.28	0.90	131.5	<0.2	<10	100	0.25	0.15	0.23	0.21	9.73	8.6
ML04282		1.00	0.007		0.34	0.85	101.5	<0.2	<10	120	0.29	0.18	0.23	0.33	11.60	9.8
ML04283		0.81	0.014		0.30	0.76	81.1	<0.2	<10	170	0.33	0.34	0.16	0.14	16.05	14.0
ML04284		0.66	0.012		0.33	0.72	69.7	<0.2	<10	110	0.24	0.24	0.23	0.18	10.05	11.8
ML04285		0.65	0.010		0.26	0.77	67.8	<0.2	<10	90	0.19	0.21	0.38	0.16	10.05	9.6
ML04286		0.66	<0.005		0.16	0.39	35.7	<0.2	<10	60	0.14	0.08	0.56	0.10	5.44	5.4
ML04287		0.80	<0.005		0.60	0.62	55.9	<0.2	<10	90	0.23	0.15	0.53	0.23	7.10	9.3
ML04288		0.86	<0.005		0.25	0.75	53.8	<0.2	<10	110	0.27	0.17	0.12	0.17	8.26	11.0
ML04289		0.77	0.005		0.72	1.00	93.3	<0.2	<10	60	0.26	0.21	0.15	0.18	8.00	12.8



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CERTIFICATE OF ANALYSIS WH11159780

Sample Description	Method Analyte Units LOR	ME- MS41 Cr ppm 1	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05
ML04250		14	0.55	9.1	1.40	1.20	0.10	0.20	0.01	0.008	0.05	5.2	2.9	0.02	151	1.92
ML04251		15	0.61	17.9	1.42	1.23	0.09	0.26	0.01	0.012	0.08	6.0	3.7	0.02	211	2.12
ML04252		15	0.93	32.3	1.88	1.35	0.10	0.41	0.01	0.016	0.08	7.4	2.8	0.03	286	2.44
ML04253		19	1.16	25.2	2.05	2.49	0.11	0.38	0.02	0.021	0.08	8.2	4.0	0.05	440	2.35
ML04254		11	0.55	10.1	1.28	1.26	0.09	0.16	<0.01	0.009	0.07	5.1	4.1	0.04	137	0.78
ML04255		12	0.70	36.4	2.04	1.73	0.09	0.29	0.01	0.014	0.08	6.4	4.1	0.04	154	1.39
ML04256		11	0.66	39.9	1.74	1.29	0.09	0.25	0.02	0.013	0.07	5.2	5.5	0.04	166	1.39
ML04257		13	0.73	44.3	1.97	1.48	0.11	0.30	0.01	0.015	0.07	5.7	4.4	0.04	138	1.90
ML04258		11	0.59	19.7	1.57	1.17	0.09	0.24	0.06	0.011	0.05	5.1	2.9	0.03	115	1.43
ML04259		13	0.80	13.7	1.73	1.80	0.10	0.22	0.02	0.012	0.06	6.2	4.0	0.05	140	1.04
ML04260		12	0.88	18.3	1.70	1.62	0.09	0.23	0.01	0.013	0.06	7.3	6.9	0.04	148	1.39
ML04261		16	1.19	25.6	2.04	2.07	0.10	0.25	0.01	0.020	0.06	8.7	9.2	0.05	122	2.08
ML04262		9	0.67	17.7	1.47	1.25	0.10	0.21	0.02	0.015	0.05	6.8	3.2	0.02	83	1.09
ML04263		13	2.63	22.6	2.11	2.12	0.09	0.04	0.02	0.020	0.10	6.9	4.0	0.06	146	1.86
ML04264		8	0.88	30.9	2.62	1.30	0.10	0.22	0.01	0.021	0.12	10.7	3.2	0.07	677	1.18
ML04265		8	0.62	24.3	2.65	1.41	0.10	0.17	0.01	0.018	0.12	10.5	1.3	0.08	636	0.96
ML04266		9	0.66	28.1	2.84	1.77	0.09	0.15	0.01	0.026	0.16	15.2	4.9	0.45	530	1.06
ML04267		8	0.78	38.5	2.95	1.45	0.09	0.09	0.02	0.027	0.15	13.1	5.8	0.54	629	1.24
ML04268		5	1.36	32.1	3.21	0.86	0.09	0.28	0.03	0.044	0.17	8.8	1.5	0.74	983	1.23
ML04269		6	2.69	25.1	2.74	0.76	0.10	0.16	0.04	0.024	0.11	4.3	0.9	0.16	477	1.73
ML04270		7	3.37	8.5	1.02	0.71	0.08	0.15	0.02	0.011	0.08	3.2	1.3	0.01	42	1.70
ML04271		8	2.52	41.3	1.03	0.65	0.08	0.15	0.19	0.021	0.08	3.5	0.7	0.01	39	1.94
ML04272		13	3.39	14.9	1.80	1.99	0.10	0.13	0.02	0.032	0.10	7.6	6.7	0.07	54	2.23
ML04273		11	2.62	24.1	1.90	1.24	0.09	0.12	0.03	0.022	0.08	4.2	8.1	0.10	51	2.20
ML04274		13	2.41	52.5	1.37	1.17	0.08	0.12	0.05	0.022	0.10	3.7	6.4	0.04	52	2.60
ML04275		<1	0.16	1.3	0.33	0.19	0.08	<0.02	<0.01	<0.005	0.03	0.9	1.3	11.95	169	0.05
ML04276		17	1.81	101.0	2.33	1.59	0.08	0.12	0.03	0.029	0.07	2.7	13.7	0.13	111	3.14
ML04277		14	1.90	30.3	1.80	1.68	0.09	0.16	0.02	0.026	0.07	5.0	9.0	0.09	107	3.10
ML04278		19	1.31	173.0	8.56	3.12	0.10	0.24	0.12	0.031	0.06	4.0	35.3	0.92	443	4.08
ML04279		19	1.32	68.9	4.22	2.70	0.09	0.18	0.03	0.020	0.05	4.0	29.0	0.66	385	3.08
ML04280		13	1.10	20.1	0.83	1.28	0.09	0.09	0.01	0.010	0.06	3.1	7.4	0.08	130	2.10
ML04281		16	1.70	45.1	2.66	2.28	0.10	0.14	0.03	0.023	0.08	4.6	17.5	0.32	374	2.42
ML04282		18	2.38	53.2	2.06	2.29	0.09	0.16	0.04	0.026	0.08	5.6	13.1	0.23	360	2.76
ML04283		13	2.46	35.5	1.74	1.91	0.11	0.18	0.04	0.020	0.10	7.4	5.6	0.11	269	2.17
ML04284		14	1.92	46.4	2.29	1.82	0.09	0.14	0.03	0.022	0.07	4.8	9.8	0.22	380	2.98
ML04285		16	1.39	28.8	2.09	2.00	0.11	0.16	0.02	0.015	0.06	5.0	4.4	0.25	587	2.80
ML04286		13	0.87	16.6	1.27	0.98	0.08	0.06	<0.01	0.006	0.04	2.7	7.0	0.27	463	2.95
ML04287		16	1.66	46.1	2.13	1.70	0.06	0.12	0.04	0.021	0.06	3.6	17.8	0.35	436	4.50
ML04288		17	1.80	31.0	1.87	2.03	0.06	0.12	0.03	0.017	0.07	4.2	17.0	0.17	266	3.32
ML04289		25	1.70	104.5	5.27	2.58	0.15	0.17	0.05	0.019	0.04	4.1	21.2	0.24	275	4.07



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CERTIFICATE OF ANALYSIS WH11159780

Sample Description	Method Analyte Units LOR	ME- MS41 Na %	ME- MS41 Nb ppm	ME- MS41 Ni ppm	ME- MS41 P ppm	ME- MS41 Pb ppm	ME- MS41 Rb ppm	ME- MS41 Re ppm	ME- MS41 S %	ME- MS41 Sb ppm	ME- MS41 Sc ppm	ME- MS41 Se ppm	ME- MS41 Sn ppm	ME- MS41 Sr ppm	ME- MS41 Ta ppm	ME- MS41 Te ppm
ML04250		0.01	0.06	14.6	260	4.5	2.7	<0.001	0.01	1.33	1.5	0.5	0.2	8.8	<0.01	<0.01
ML04251		0.01	<0.05	22.0	270	6.3	3.8	<0.001	<0.01	1.49	1.5	0.7	0.2	9.5	<0.01	0.03
ML04252		0.02	<0.05	33.6	400	9.6	4.0	<0.001	<0.01	1.93	2.2	1.0	0.2	12.0	<0.01	0.05
ML04253		0.01	<0.05	47.7	640	8.7	4.0	<0.001	<0.01	5.73	2.7	0.9	0.3	15.5	<0.01	0.05
ML04254		0.01	<0.05	16.5	310	6.2	3.3	<0.001	<0.01	1.41	1.2	0.5	0.2	8.5	<0.01	0.01
ML04255		0.01	<0.05	32.1	270	6.8	4.0	<0.001	<0.01	1.75	1.7	1.4	0.2	9.5	<0.01	0.04
ML04256		0.01	<0.05	32.6	240	6.3	3.5	<0.001	<0.01	1.21	1.6	0.9	0.2	9.2	<0.01	0.03
ML04257		0.01	<0.05	32.8	350	6.7	3.3	<0.001	<0.01	1.59	1.9	1.2	0.2	10.5	<0.01	0.05
ML04258		0.01	<0.05	23.0	380	6.3	2.7	<0.001	<0.01	1.48	1.4	0.7	0.2	9.1	0.06	0.02
ML04259		0.01	0.08	21.5	390	5.9	3.1	<0.001	<0.01	2.08	1.8	0.8	0.2	9.7	0.03	0.01
ML04260		0.02	<0.05	29.9	560	6.6	2.9	0.001	<0.01	2.68	1.5	1.0	0.2	15.5	<0.01	0.03
ML04261		0.02	<0.05	36.9	450	6.9	3.3	<0.001	<0.01	3.04	2.0	1.5	0.2	16.8	<0.01	0.05
ML04262		0.01	<0.05	21.7	340	4.8	2.7	0.001	<0.01	3.54	1.5	1.3	0.2	10.5	<0.01	0.04
ML04263		0.02	0.15	15.3	460	10.7	6.1	<0.001	0.04	10.70	2.0	1.0	0.3	30.5	<0.01	0.05
ML04264		0.01	<0.05	34.5	480	13.7	5.1	<0.001	0.08	7.44	2.4	0.6	0.2	43.3	<0.01	0.06
ML04265		0.02	<0.05	28.7	510	7.6	4.9	<0.001	0.14	6.23	2.3	0.4	0.2	39.2	<0.01	0.03
ML04266		0.01	<0.05	25.9	340	11.5	6.6	<0.001	0.17	8.69	2.8	0.5	0.2	25.5	<0.01	0.07
ML04267		0.01	<0.05	24.3	400	12.2	6.6	<0.001	0.23	13.75	2.6	0.5	0.2	31.4	<0.01	0.05
ML04268		0.01	<0.05	30.4	580	19.7	7.2	<0.001	0.37	21.2	3.2	1.0	<0.2	53.1	0.01	0.05
ML04269		0.01	<0.05	25.6	280	15.9	5.7	0.003	0.83	15.25	1.9	1.6	0.2	31.2	<0.01	0.05
ML04270		0.01	<0.05	5.7	70	6.3	5.0	0.007	0.16	7.19	0.7	1.9	0.2	18.0	<0.01	0.03
ML04271		0.01	<0.05	3.3	110	215	5.0	0.007	0.14	38.9	1.2	2.1	0.2	30.6	<0.01	0.04
ML04272		0.01	<0.05	7.8	390	10.0	6.4	0.005	0.13	16.05	2.1	2.7	0.2	61.8	<0.01	0.05
ML04273		0.01	<0.05	22.9	450	12.5	4.8	0.004	0.82	19.30	1.5	2.6	0.2	35.4	<0.01	0.05
ML04274		0.01	<0.05	15.8	360	9.8	5.5	0.002	0.56	16.00	1.1	1.1	0.2	26.8	<0.01	0.09
ML04275		0.01	0.05	1.3	280	1.5	1.2	<0.001	<0.01	0.12	0.3	0.3	<0.2	51.1	<0.01	0.01
ML04276		0.01	<0.05	29.1	480	4.4	4.0	0.001	1.15	23.9	1.7	2.1	0.2	15.0	<0.01	0.06
ML04277		0.01	<0.05	36.2	480	4.6	4.3	0.001	0.63	10.85	2.3	1.3	0.2	20.5	<0.01	0.11
ML04278		0.02	<0.05	38.3	710	22.8	3.4	0.004	5.09	60.2	3.2	3.4	0.2	20.6	<0.01	0.11
ML04279		0.01	<0.05	40.0	450	11.6	3.0	0.002	1.84	24.0	2.7	2.1	0.2	24.2	<0.01	0.06
ML04280		0.01	<0.05	27.7	150	2.6	3.3	0.002	0.19	5.14	1.0	0.4	0.2	12.0	<0.01	0.10
ML04281		0.01	<0.05	34.2	400	10.1	4.5	0.002	0.90	14.55	2.5	1.4	0.2	19.7	<0.01	0.10
ML04282		0.02	<0.05	53.1	420	7.8	4.3	0.005	0.68	14.45	2.1	1.1	0.2	20.0	<0.01	0.12
ML04283		0.02	<0.05	57.2	490	6.7	5.1	0.005	0.89	9.60	1.6	1.5	0.2	20.0	<0.01	0.24
ML04284		0.01	<0.05	56.0	360	8.2	3.5	0.003	1.32	9.05	1.6	1.7	0.2	17.9	<0.01	0.17
ML04285		0.01	<0.05	58.3	450	6.6	2.9	0.002	1.01	7.43	1.9	1.5	0.3	22.4	<0.01	0.12
ML04286		0.01	<0.05	32.0	170	3.7	1.9	0.001	0.49	3.40	0.9	1.1	0.2	26.2	<0.01	0.06
ML04287		<0.01	0.08	48.5	190	10.0	3.4	0.003	0.82	8.26	1.7	1.8	0.2	26.2	<0.01	0.08
ML04288		<0.01	<0.05	51.5	320	6.1	4.2	0.002	0.67	4.69	1.9	1.4	0.2	16.0	<0.01	0.09
ML04289		<0.01	0.09	53.0	500	19.1	2.7	0.004	3.88	10.95	2.3	7.8	0.2	14.0	<0.01	0.05



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Th	Ti	Ti	U	V	W	Y	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	0.005	0.02	0.05	1	0.05	0.05	2
									0.5
ML04250		3.2	<0.005	0.02	0.40	7	5.12	1.94	27
ML04251		3.6	<0.005	0.03	0.41	8	3.29	2.33	39
ML04252		4.3	<0.005	0.03	0.56	10	2.14	3.42	63
ML04253		6.3	<0.005	0.03	0.85	16	1.54	3.69	77
ML04254		2.7	<0.005	0.02	0.46	8	0.96	1.97	32
ML04255		3.4	<0.005	0.03	0.68	12	9.60	2.35	71
ML04256		3.2	<0.005	0.02	0.62	9	0.83	2.52	63
ML04257		4.0	<0.005	0.02	0.68	12	0.98	2.89	71
ML04258		3.1	<0.005	0.02	0.60	8	240	2.29	53
ML04259		4.2	<0.005	0.02	0.72	11	91.7	2.33	44
ML04260		4.1	<0.005	0.02	0.74	10	7.26	2.65	57
ML04261		5.0	<0.005	0.02	0.66	15	4.32	2.52	86
ML04262		3.7	<0.005	0.02	0.54	10	1.96	1.87	51
ML04263		4.0	0.005	0.07	0.75	16	2.11	2.44	37
ML04264		7.8	<0.005	0.03	0.59	8	1.37	7.34	85
ML04265		9.3	<0.005	0.03	0.47	6	1.35	6.40	77
ML04266		10.7	<0.005	0.05	0.42	9	1.36	6.04	69
ML04267		10.9	<0.005	0.05	0.42	8	1.43	5.58	70
ML04268		9.5	<0.005	0.06	0.72	5	1.53	8.29	193
ML04269		7.5	<0.005	0.06	0.82	6	2.53	4.45	57
ML04270		3.2	<0.005	0.04	0.36	5	2.60	0.81	17
ML04271		3.8	<0.005	0.06	0.30	4	4.26	0.73	14
ML04272		4.2	<0.005	0.05	0.93	13	3.25	1.31	42
ML04273		2.9	<0.005	0.04	0.80	11	3.77	1.33	38
ML04274		3.0	<0.005	0.05	0.82	11	5.32	1.17	32
ML04275		<0.2	<0.005	<0.02	0.55	1	0.24	1.12	13
ML04276		2.6	<0.005	0.04	0.73	15	5.87	1.40	67
ML04277		3.6	<0.005	0.04	0.83	15	5.97	1.76	89
ML04278		2.6	<0.005	0.04	0.82	34	5.78	2.74	103
ML04279		2.7	<0.005	0.02	0.71	27	6.14	2.33	93
ML04280		2.1	<0.005	0.02	0.33	10	6.10	1.00	25
ML04281		3.4	<0.005	0.03	0.61	20	4.61	1.96	65
ML04282		3.8	<0.005	0.03	0.75	20	3.93	1.95	91
ML04283		4.7	<0.005	0.02	0.75	17	1.43	1.60	48
ML04284		3.4	<0.005	0.02	0.58	17	4.69	1.48	63
ML04285		3.0	<0.005	<0.02	0.50	19	5.03	1.65	50
ML04286		1.7	<0.005	<0.02	0.30	8	10.75	1.11	28
ML04287		2.5	<0.005	0.02	0.46	16	5.76	1.88	97
ML04288		3.2	<0.005	0.02	0.53	18	5.56	1.65	72
ML04289		4.1	<0.005	0.02	0.65	27	4.26	1.86	72



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	Au- GRA22 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm
		0.02	0.005	0.05	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1
ML04290		0.87	<0.005		0.06	0.22	10.2	<0.2	<10	20	<0.05	0.02	0.04	0.08	2.98	2.6
ML04291		0.59	<0.005		0.07	0.30	14.9	<0.2	<10	40	0.12	0.07	0.06	0.08	4.70	4.3
ML04292		1.07	<0.005		0.16	0.39	27.2	<0.2	<10	40	0.12	0.11	0.09	0.21	5.43	6.6
ML04293		0.60	0.005		0.38	0.65	41.3	<0.2	<10	80	0.27	0.23	0.16	0.20	11.15	12.0
ML04294		1.56	<0.005		0.26	0.56	26.7	<0.2	<10	80	0.23	0.12	0.11	0.44	9.11	7.6
ML04295		0.83	<0.005		0.12	0.46	12.5	<0.2	<10	40	0.08	0.06	0.08	0.09	5.49	4.1
ML04296		0.91	<0.005		0.36	0.99	35.5	<0.2	<10	130	0.35	0.24	0.22	0.28	15.35	11.7
ML04297		0.92	<0.005		0.34	0.68	22.8	<0.2	<10	100	0.24	0.18	0.12	0.24	11.00	8.5
ML04298		0.98	<0.005		0.31	0.46	19.2	<0.2	<10	70	0.20	0.13	0.11	0.18	7.76	7.4
ML04299		1.30	<0.005		0.48	0.53	22.2	<0.2	<10	80	0.19	0.12	0.12	0.42	7.12	7.0
ML04300		0.91	<0.005		0.40	1.06	24.6	<0.2	<10	120	0.35	0.19	0.18	0.59	10.60	11.1
ML04301		1.13	<0.005		0.28	1.12	20.1	<0.2	<10	110	0.36	0.21	0.56	0.27	12.65	10.6
ML04302		1.03	<0.005		0.30	1.28	25.4	<0.2	<10	140	0.37	0.24	0.18	0.29	16.50	11.9
ML04303		1.32	<0.005		0.22	1.06	21.5	<0.2	<10	100	0.28	0.18	0.15	0.23	15.75	9.8
ML04304		0.95	0.127		1.66	0.61	2000	<0.2	<10	180	0.39	0.20	0.06	0.27	16.60	2.1
ML04305		1.67	0.526		3.02	0.59	1715	<0.2	<10	120	0.47	0.25	0.04	0.36	17.00	1.7
ML04306		0.49	0.035		0.92	0.98	461	<0.2	<10	120	0.47	0.23	0.04	0.15	13.70	2.5
ML04307		0.54	0.023		0.31	1.05	283	<0.2	<10	110	0.43	0.18	0.07	0.14	17.20	3.4
ML04308		0.55	<0.005		0.29	1.05	291	<0.2	<10	110	0.39	0.21	0.05	0.18	14.35	4.2
ML04309		0.52	0.005		0.28	0.85	191.0	<0.2	<10	90	0.34	0.16	0.07	0.15	11.70	3.9
ML04310		0.57	<0.005		0.20	0.95	132.5	<0.2	<10	110	0.32	0.15	0.08	0.11	12.80	2.8
ML04311		0.73	<0.005		<0.01	0.03	4	<0.2	<10	10	<0.05	0.02	19.75	0.05	1.32	1.3
ML04312		0.55	0.010		0.26	1.19	92.7	<0.2	<10	140	0.33	0.23	0.15	0.22	16.30	7.2
ML04313		0.62	<0.005		0.30	1.22	73.4	<0.2	<10	150	0.37	0.25	0.16	0.26	19.30	9.8
ML04314		0.69	0.007		0.27	1.06	115.0	<0.2	<10	100	0.38	0.17	0.15	0.25	13.75	7.2
ML04315		0.57	0.014		0.25	1.07	75.5	<0.2	<10	110	0.36	0.17	0.20	0.48	13.95	9.0
ML04316		0.64	<0.005		0.24	1.28	48.1	<0.2	<10	110	0.32	0.19	0.14	0.28	16.90	9.2
ML04317		0.53	<0.005		0.22	1.11	50.6	<0.2	<10	120	0.37	0.20	0.16	0.26	15.85	10.3
ML04318		0.35	<0.005		0.14	0.52	45.2	<0.2	<10	50	0.17	0.07	0.06	0.17	7.68	5.8
ML04319		0.21	0.007		0.19	0.28	92.0	<0.2	<10	40	0.09	0.05	0.06	0.10	4.95	101.0
ML04320		0.44	0.030		0.41	0.52	233	<0.2	<10	90	0.34	0.12	0.07	0.16	10.15	3.9
ML04321		0.94	0.019		0.32	0.57	407	<0.2	<10	60	0.37	0.09	0.03	0.27	8.54	7.8
ML04322		0.51	0.024		0.34	0.19	290	<0.2	<10	40	0.11	0.09	0.04	0.26	3.80	3.0
ML04323		0.41	0.045		1.10	0.73	561	<0.2	<10	150	0.50	0.33	0.06	0.43	10.90	16.3
ML04324		0.45	0.361		1.26	0.37	1650	<0.2	<10	90	0.33	0.20	0.02	1.19	12.60	7.3
ML04325		0.38	0.249		1.20	0.74	1400	<0.2	<10	100	0.47	0.23	0.03	0.99	14.05	4.4
ML04326		0.63	0.035		0.72	0.72	176.5	<0.2	<10	110	0.28	0.33	0.02	0.13	11.65	1.3
ML04327		0.58	0.021		0.75	0.70	172.0	<0.2	<10	90	0.32	0.30	0.06	0.17	10.20	4.6
ML04328		0.48	0.007		0.18	0.48	96.1	<0.2	<10	60	0.17	0.10	0.16	0.16	4.71	4.4
ML04329		0.65	<0.005		0.16	0.58	48.3	<0.2	<10	70	0.17	0.09	0.22	0.25	5.65	4.1



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Sample Description	Method Analyte Units LOR	ME- MS41 Cr ppm 1	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05
ML04290		14	0.19	11.7	0.91	0.63	<0.05	0.04	0.02	0.005	0.02	1.5	4.7	0.06	111	2.38
ML04291		14	0.58	10.5	0.84	0.85	<0.05	0.07	0.03	0.006	0.03	2.3	5.0	0.04	109	2.89
ML04292		15	0.92	21.9	1.27	1.01	0.05	0.07	0.04	0.011	0.03	2.6	7.6	0.10	150	2.52
ML04293		16	2.89	28.8	1.48	1.69	0.06	0.10	0.04	0.015	0.06	5.7	7.8	0.07	158	2.54
ML04294		15	1.42	30.1	1.12	1.54	0.05	0.09	0.03	0.022	0.06	4.5	6.0	0.04	91	1.87
ML04295		16	0.59	10.5	1.36	1.21	0.05	0.05	0.03	0.006	0.03	2.5	5.0	0.14	110	2.25
ML04296		23	2.47	19.8	1.56	2.58	0.07	0.13	0.03	0.019	0.08	7.5	7.5	0.07	102	2.32
ML04297		18	1.54	22.8	1.49	1.89	0.07	0.11	0.03	0.015	0.06	5.5	5.5	0.05	74	2.68
ML04298		16	1.23	22.6	1.10	1.34	0.06	0.10	0.03	0.011	0.05	3.8	5.3	0.04	71	2.94
ML04299		19	1.30	28.9	1.31	1.51	0.06	0.13	0.05	0.015	0.05	3.8	10.4	0.10	77	3.37
ML04300		25	2.38	35.6	1.96	2.77	0.08	0.15	0.04	0.030	0.07	5.2	11.0	0.12	120	3.12
ML04301		22	2.80	22.5	1.78	3.00	0.09	0.16	0.03	0.027	0.06	6.4	12.4	0.26	142	2.51
ML04302		22	2.70	27.0	1.64	3.33	0.08	0.15	0.04	0.022	0.07	8.2	12.6	0.12	89	2.40
ML04303		21	2.16	22.7	1.38	2.86	0.08	0.13	0.04	0.020	0.06	7.5	10.2	0.11	85	2.33
ML04304		14	3.77	28.6	2.57	1.74	0.08	0.12	0.03	0.040	0.10	8.1	4.7	0.06	69	1.75
ML04305		13	3.96	42.8	2.45	1.57	0.07	0.11	0.04	0.043	0.09	8.3	3.0	0.04	48	2.00
ML04306		20	2.53	34.3	2.29	2.99	0.08	0.13	0.04	0.031	0.08	7.2	3.4	0.07	75	2.79
ML04307		19	2.38	24.7	1.73	2.87	0.08	0.11	0.03	0.026	0.07	8.4	4.3	0.06	68	2.38
ML04308		19	1.88	29.0	2.12	2.92	0.09	0.13	0.02	0.023	0.07	7.1	6.0	0.09	86	2.29
ML04309		18	1.44	27.2	1.84	2.23	0.07	0.12	0.03	0.019	0.06	5.9	5.9	0.10	83	2.75
ML04310		19	1.68	26.0	1.59	2.35	0.07	0.11	0.03	0.018	0.06	6.5	7.3	0.10	86	2.57
ML04311		1	0.15	1.5	0.42	0.17	0.07	<0.02	0.01	<0.005	0.02	0.7	1.1	12.45	193	0.10
ML04312		21	2.14	35.6	1.53	3.14	0.07	0.14	0.04	0.022	0.08	8.1	7.9	0.13	83	2.45
ML04313		21	2.95	62.1	1.41	3.28	0.07	0.14	0.04	0.025	0.09	9.3	7.4	0.10	71	2.39
ML04314		18	1.92	56.6	1.75	2.49	0.08	0.12	0.03	0.021	0.06	6.6	9.9	0.19	104	2.26
ML04315		20	1.93	48.4	1.65	2.76	0.08	0.13	0.03	0.020	0.06	6.8	12.7	0.17	85	2.37
ML04316		24	1.84	29.0	1.64	3.28	0.08	0.13	0.04	0.022	0.06	8.0	6.0	0.13	78	2.51
ML04317		21	1.80	21.7	1.59	2.79	0.07	0.15	0.03	0.019	0.06	7.5	7.0	0.12	75	2.13
ML04318		14	0.94	13.4	0.96	1.51	0.05	0.08	0.02	0.010	0.03	3.6	5.7	0.08	55	2.03
ML04319		21	0.53	12.1	0.82	0.83	<0.05	0.05	0.37	0.006	0.03	2.4	1.9	0.04	61	9.17
ML04320		11	1.15	40.1	1.69	1.44	0.06	0.12	0.02	0.018	0.06	4.9	6.2	0.05	70	1.58
ML04321		12	1.31	59.1	1.93	1.24	0.06	0.11	0.04	0.021	0.05	4.0	6.2	0.03	71	2.17
ML04322		9	0.61	67.1	0.91	0.44	<0.05	0.06	0.04	0.030	0.03	1.9	2.0	0.01	70	4.65
ML04323		12	2.49	50.9	2.80	1.92	<0.05	0.19	0.04	0.032	0.10	5.1	6.8	0.05	95	3.42
ML04324		7	2.84	41.8	2.37	0.89	<0.05	0.16	0.04	0.019	0.07	5.8	4.6	0.03	60	2.72
ML04325		14	3.83	55.8	2.67	2.05	0.05	0.16	0.06	0.034	0.07	6.1	4.6	0.05	97	2.72
ML04326		16	1.69	39.4	1.47	2.40	0.06	0.20	0.06	0.026	0.06	5.7	2.5	0.05	121	2.82
ML04327		16	1.43	89.5	2.02	2.13	0.05	0.21	0.04	0.029	0.05	5.0	8.9	0.09	112	3.17
ML04328		14	0.66	25.8	1.23	1.08	<0.05	0.11	0.01	0.010	0.03	2.2	9.3	0.02	54	2.24
ML04329		14	0.63	27.3	1.10	1.30	<0.05	0.11	0.01	0.010	0.03	2.7	12.8	0.04	53	2.29



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Sample Description	Method Analyte Units LOR	ME- MS41 Na %	ME- MS41 Nb ppm	ME- MS41 Ni ppm	ME- MS41 P ppm	ME- MS41 Pb ppm	ME- MS41 Rb ppm	ME- MS41 Re ppm	ME- MS41 S %	ME- MS41 Sb ppm	ME- MS41 Sc ppm	ME- MS41 Se ppm	ME- MS41 Sn ppm	ME- MS41 Sr ppm	ME- MS41 Ta ppm	ME- MS41 Te ppm
ML04290		<0.01	0.05	11.9	90	1.6	0.9	<0.001	0.27	1.24	0.7	0.5	<0.2	3.3	<0.01	<0.01
ML04291		<0.01	0.06	18.2	180	1.8	1.7	0.001	0.26	1.67	0.8	0.5	<0.2	7.9	<0.01	0.02
ML04292		<0.01	0.05	25.0	170	3.9	1.8	0.002	0.55	3.40	1.4	1.2	<0.2	9.1	<0.01	0.03
ML04293		<0.01	<0.05	38.0	520	9.1	3.5	0.002	0.70	5.60	1.5	2.0	0.2	18.4	<0.01	0.05
ML04294		<0.01	<0.05	26.6	360	5.8	3.2	0.001	0.55	3.14	1.2	1.7	0.2	15.7	<0.01	0.02
ML04295		<0.01	0.07	11.7	270	3.7	1.5	0.001	0.34	1.91	1.2	0.6	<0.2	9.1	<0.01	0.01
ML04296		0.01	<0.05	41.7	890	11.5	4.9	0.002	0.73	4.77	1.8	2.2	0.2	28.8	<0.01	0.06
ML04297		0.01	0.05	31.4	490	9.3	3.5	0.002	0.94	3.51	1.2	1.9	0.2	18.2	<0.01	0.05
ML04298		<0.01	<0.05	27.3	400	8.7	2.8	0.002	0.61	3.01	1.1	1.3	<0.2	16.0	<0.01	0.03
ML04299		<0.01	0.05	31.6	370	15.5	2.9	0.004	0.78	3.31	1.6	2.0	0.2	16.5	<0.01	0.03
ML04300		0.01	0.05	36.8	580	20.2	4.1	0.002	0.96	4.59	2.3	2.6	0.3	22.4	<0.01	0.04
ML04301		0.01	0.05	31.3	570	17.3	3.9	0.002	0.58	5.46	2.7	1.6	0.3	27.6	<0.01	0.04
ML04302		0.01	<0.05	34.0	560	9.0	4.3	0.002	0.63	5.57	2.6	1.4	0.3	25.7	<0.01	0.05
ML04303		0.01	0.05	28.7	440	8.4	3.7	0.002	0.46	4.28	2.3	1.1	0.2	21.6	<0.01	0.04
ML04304		<0.01	0.07	8.3	700	32.3	6.6	0.001	0.14	17.65	2.2	1.5	<0.2	77.8	<0.01	0.07
ML04305		<0.01	0.05	8.8	810	63.9	6.6	0.003	0.15	20.2	2.4	1.6	0.2	78.9	<0.01	0.06
ML04306		<0.01	<0.05	9.9	540	12.3	5.6	0.003	0.10	12.90	2.6	1.4	0.2	35.8	<0.01	0.05
ML04307		0.01	<0.05	11.7	630	11.1	4.9	0.003	0.06	11.40	2.6	1.5	0.2	28.2	<0.01	0.03
ML04308		<0.01	<0.05	14.8	530	15.0	4.4	0.002	0.09	12.25	2.7	2.0	0.2	24.5	<0.01	0.06
ML04309		<0.01	0.05	14.2	480	9.8	3.6	0.002	0.15	8.19	2.3	1.8	0.2	18.8	<0.01	0.04
ML04310		<0.01	<0.05	13.7	480	8.5	4.1	0.003	0.16	6.68	2.2	1.7	0.2	16.3	<0.01	0.04
ML04311		<0.01	0.08	1.4	220	1.5	0.9	<0.001	0.02	0.06	0.3	0.3	<0.2	51.0	<0.01	0.02
ML04312		0.01	<0.05	24.7	610	13.8	4.9	0.004	0.42	7.42	2.6	2.5	0.3	22.1	<0.01	0.05
ML04313		0.02	<0.05	30.2	720	12.9	5.3	0.004	0.45	6.46	2.6	2.2	0.3	25.9	<0.01	0.05
ML04314		<0.01	<0.05	41.5	650	13.2	3.9	0.002	0.42	6.25	2.6	1.8	0.2	19.4	<0.01	0.04
ML04315		0.01	<0.05	32.9	560	11.1	4.0	0.002	0.45	6.69	2.7	1.6	0.2	24.6	<0.01	0.03
ML04316		0.01	<0.05	31.2	550	10.9	3.6	0.002	0.46	5.78	2.5	1.2	0.3	17.7	<0.01	0.04
ML04317		0.01	<0.05	29.3	520	11.0	3.8	0.002	0.53	5.32	2.5	1.3	0.2	20.5	<0.01	0.04
ML04318		<0.01	<0.05	14.4	260	5.6	2.1	0.001	0.22	2.78	1.4	0.6	0.2	10.5	<0.01	0.01
ML04319		<0.01	<0.05	12.6	160	6.1	1.7	0.005	0.13	2.13	0.8	0.4	0.2	9.3	<0.01	0.01
ML04320		<0.01	0.09	17.1	450	9.0	4.0	0.001	0.03	6.49	2.0	0.9	<0.2	18.4	<0.01	0.03
ML04321		<0.01	0.06	32.1	370	6.5	3.4	0.002	0.03	8.88	1.8	0.9	<0.2	11.8	<0.01	0.01
ML04322		<0.01	0.13	15.8	110	10.8	2.3	0.001	0.06	6.26	0.9	0.8	<0.2	8.6	<0.01	0.01
ML04323		0.03	<0.05	60.7	800	31.0	6.2	0.004	0.07	12.85	2.3	2.3	0.2	32.2	<0.01	0.11
ML04324		0.02	<0.05	24.4	400	12.3	4.8	0.004	0.04	15.25	1.4	2.9	<0.2	69.1	<0.01	0.07
ML04325		0.01	<0.05	19.9	530	16.0	4.6	0.004	0.03	18.20	3.2	2.8	0.2	53.7	<0.01	0.07
ML04326		0.02	<0.05	7.9	260	12.4	3.4	0.002	0.12	11.35	1.6	4.5	0.3	31.0	<0.01	0.14
ML04327		0.02	<0.05	20.4	460	14.5	3.0	0.003	0.43	11.70	1.9	4.1	0.2	28.4	<0.01	0.12
ML04328		0.02	0.06	17.6	730	4.7	1.9	0.002	0.34	3.74	1.2	2.5	0.2	18.5	<0.01	0.01
ML04329		0.02	<0.05	25.4	690	4.5	1.7	0.002	0.45	3.60	1.2	1.7	0.2	17.9	<0.01	0.02



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Sample Description	Method Analyte Units LOR	ME- MS41 Th ppm 0.2	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ML04290		1.1	<0.005	<0.02	0.14	5	11.10	0.51	22	1.5
ML04291		1.8	<0.005	<0.02	0.26	6	14.00	0.80	20	2.8
ML04292		1.9	<0.005	0.02	0.35	9	16.00	1.08	48	2.9
ML04293		4.6	<0.005	0.02	0.64	11	7.94	1.71	59	4.5
ML04294		3.2	<0.005	0.02	0.42	10	5.07	1.26	82	3.7
ML04295		1.8	<0.005	<0.02	0.25	8	15.15	0.94	22	1.9
ML04296		5.3	<0.005	0.02	0.70	15	3.08	2.34	47	5.7
ML04297		3.8	<0.005	0.02	0.45	12	4.65	1.38	38	4.7
ML04298		2.7	<0.005	0.02	0.39	8	12.95	1.31	28	4.0
ML04299		2.6	<0.005	0.03	0.44	11	7.55	1.36	52	5.2
ML04300		4.7	<0.005	0.02	0.69	19	2.95	2.11	103	6.8
ML04301		5.6	<0.005	0.02	0.80	20	2.44	3.22	57	6.9
ML04302		5.4	<0.005	<0.02	0.80	22	2.51	2.05	64	6.4
ML04303		4.9	<0.005	<0.02	0.71	19	4.27	1.81	52	5.5
ML04304		5.2	<0.005	0.06	1.07	14	1.35	1.89	43	6.2
ML04305		5.5	<0.005	0.06	1.20	11	2.56	2.22	37	5.6
ML04306		5.3	<0.005	0.04	0.94	20	3.64	1.51	46	5.6
ML04307		6.2	<0.005	0.02	0.98	19	3.17	1.63	40	5.1
ML04308		4.8	<0.005	0.03	0.89	22	2.52	1.65	62	5.4
ML04309		3.9	<0.005	0.02	0.71	16	6.01	1.43	45	4.9
ML04310		3.9	<0.005	0.02	0.57	18	5.04	1.30	34	4.8
ML04311		<0.2	<0.005	<0.02	1.12	1	0.13	0.91	13	<0.5
ML04312		5.5	<0.005	0.02	0.76	20	5.07	1.65	37	5.8
ML04313		5.7	<0.005	0.02	0.78	21	2.93	1.94	38	6.1
ML04314		3.9	<0.005	0.02	0.74	18	4.83	2.00	56	5.1
ML04315		4.0	<0.005	0.02	0.70	18	5.15	2.19	63	5.5
ML04316		5.0	<0.005	<0.02	0.66	22	3.96	1.72	53	5.3
ML04317		5.2	<0.005	<0.02	0.63	19	4.03	1.81	45	5.9
ML04318		2.2	<0.005	<0.02	0.29	10	12.80	1.05	28	3.2
ML04319		1.3	<0.005	0.05	0.25	6	600	0.69	14	1.9
ML04320		4.1	<0.005	0.03	0.61	9	3.76	2.16	37	4.9
ML04321		3.1	<0.005	0.04	0.69	9	20.8	2.02	52	5.0
ML04322		1.3	<0.005	0.02	0.22	3	9.70	0.94	40	2.3
ML04323		6.6	<0.005	0.05	0.89	13	5.95	3.21	133	8.5
ML04324		5.1	<0.005	0.05	0.71	6	3.18	3.14	78	6.8
ML04325		3.9	<0.005	0.07	1.39	16	6.06	3.34	75	7.0
ML04326		4.3	<0.005	0.03	0.68	19	1.76	1.03	35	8.2
ML04327		4.1	<0.005	0.03	0.74	20	5.36	1.79	66	8.2
ML04328		2.8	<0.005	0.02	0.53	8	8.42	1.85	43	4.1
ML04329		2.6	<0.005	<0.02	0.47	9	8.82	1.77	27	4.2



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	Au- GRA22 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm
		0.02	0.005	0.05	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1
ML04330		0.64	0.011		0.74	1.12	58.5	<0.2	<10	150	0.37	0.34	0.29	0.65	10.20	11.0
ML04331		0.78	<0.005		0.58	1.18	39.9	<0.2	<10	130	0.27	0.29	0.32	0.78	12.70	11.9
ML04332		0.58	0.009		0.80	1.40	40.0	<0.2	<10	140	0.31	0.33	0.40	0.47	15.45	12.0
ML04333		0.72	0.011		0.47	0.97	33.3	<0.2	<10	100	0.21	0.22	0.63	0.62	9.58	8.5
ML04334		0.66	0.011		0.56	1.20	40.5	<0.2	<10	130	0.28	0.29	0.59	0.45	12.30	13.9
ML04335		0.89	0.027		0.60	1.22	32.4	<0.2	<10	140	0.37	0.30	0.38	0.43	13.05	13.1
ML04336		0.81	0.007		0.43	1.44	29.3	<0.2	<10	120	0.40	0.25	0.22	0.45	14.25	13.4
ML04337		0.79	0.006		0.36	1.58	19.8	<0.2	<10	170	0.46	0.30	0.18	0.25	19.95	12.2
ML04338		0.78	<0.005		0.24	1.10	11.9	<0.2	<10	130	0.35	0.19	0.16	0.24	15.05	8.4
ML04339		0.74	<0.005		0.29	1.50	19.1	<0.2	<10	190	0.49	0.33	0.20	0.34	23.2	13.8
ML04340		0.58	<0.005		0.21	0.95	10.5	<0.2	<10	140	0.22	0.19	0.15	0.22	13.50	7.6
ML04341		0.49	<0.005		0.24	1.22	10.7	<0.2	<10	120	0.28	0.21	0.28	0.25	14.70	7.5
ML04342		0.59	<0.005		0.32	1.35	15.7	<0.2	<10	160	0.45	0.40	0.39	0.29	19.90	12.5
ML04343		0.96	0.007		0.46	1.12	18.2	<0.2	<10	140	0.41	0.29	0.15	0.27	14.75	12.2
ML04344		0.76	<0.005		0.13	0.52	5.8	<0.2	<10	70	0.12	0.10	0.08	0.13	8.22	5.2
ML04345		0.53	<0.005		0.07	0.19	3.9	<0.2	<10	30	0.05	0.03	0.44	0.10	3.99	34.9
ML04346		0.56	<0.005		0.02	0.06	<2	<0.2	<10	20	<0.05	0.03	19.00	0.06	1.53	0.6



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Sample Description	Method Analyte Units LOR	ME- MS41 Cr ppm 1	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05
ML04330		25	1.88	51.9	2.66	2.70	0.06	0.35	0.06	0.032	0.08	5.2	19.1	0.10	68	4.73
ML04331		24	1.47	36.1	2.54	2.90	0.07	0.36	0.03	0.030	0.07	6.3	22.4	0.11	88	3.07
ML04332		30	1.83	51.4	2.57	3.50	0.08	0.27	0.04	0.034	0.07	8.0	19.9	0.14	112	3.75
ML04333		22	1.08	34.8	2.68	2.35	<0.05	0.14	0.03	0.017	0.06	4.8	13.6	0.43	658	2.95
ML04334		22	1.38	44.5	2.42	2.98	<0.05	0.17	0.04	0.033	0.08	6.0	8.6	0.28	489	3.37
ML04335		23	1.54	46.9	2.27	3.09	<0.05	0.15	0.04	0.029	0.09	6.5	10.9	0.20	332	3.06
ML04336		24	1.86	39.2	2.31	3.76	<0.05	0.13	0.03	0.032	0.07	6.7	13.8	0.18	203	2.44
ML04337		27	2.43	28.5	2.01	4.02	<0.05	0.11	0.05	0.027	0.09	9.1	7.9	0.16	143	2.49
ML04338		22	1.60	14.7	1.51	2.87	<0.05	0.09	0.03	0.023	0.07	6.8	7.2	0.13	123	2.18
ML04339		25	3.20	24.3	1.74	4.19	<0.05	0.09	0.04	0.033	0.10	10.3	8.5	0.11	132	2.24
ML04340		17	1.76	15.7	1.27	2.35	<0.05	0.12	0.02	0.019	0.07	6.1	5.7	0.13	91	1.79
ML04341		21	2.13	16.4	1.62	3.09	<0.05	0.14	0.02	0.022	0.06	6.8	8.4	0.20	130	1.69
ML04342		23	2.94	28.5	1.83	3.49	<0.05	0.17	0.03	0.031	0.09	8.8	6.4	0.20	122	2.03
ML04343		21	1.99	34.1	1.81	2.96	0.05	0.15	0.09	0.026	0.08	6.9	7.3	0.11	121	2.60
ML04344		14	0.78	9.3	0.78	1.39	<0.05	0.07	0.02	0.011	0.04	3.8	3.3	0.05	63	1.82
ML04345		10	0.20	4.2	0.69	0.53	<0.05	0.04	0.05	0.005	0.02	1.8	2.4	0.17	62	1.95
ML04346		1	0.21	1.2	0.38	0.21	<0.05	<0.02	<0.01	<0.005	0.04	0.7	1.3	12.25	194	0.41



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CERTIFICATE OF ANALYSIS WH11159780

Sample Description	Method Analyte Units LOR	ME- MS41 Na %	ME- MS41 Nb ppm	ME- MS41 Ni ppm	ME- MS41 P ppm	ME- MS41 Pb ppm	ME- MS41 Rb ppm	ME- MS41 Re ppm	ME- MS41 S %	ME- MS41 Sb ppm	ME- MS41 Sc ppm	ME- MS41 Se ppm	ME- MS41 Sn ppm	ME- MS41 Sr ppm	ME- MS41 Ta ppm	ME- MS41 Te ppm
		0.01	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
ML04330		0.03	<0.05	52.6	1260	17.1	4.1	0.010	1.53	10.00	2.5	5.1	0.3	26.4	<0.01	0.10
ML04331		0.03	<0.05	48.7	1270	17.4	3.4	0.004	1.41	7.70	2.5	4.1	0.2	28.4	<0.01	0.06
ML04332		0.03	<0.05	52.6	1630	17.3	3.8	0.009	1.46	9.62	2.7	4.1	0.3	32.9	<0.01	0.10
ML04333		0.01	<0.05	36.4	640	12.5	2.9	0.003	0.89	4.68	2.7	1.9	0.2	36.9	<0.01	0.08
ML04334		0.01	<0.05	53.1	570	10.2	4.2	0.005	1.14	4.66	2.7	2.0	0.3	45.1	<0.01	0.09
ML04335		0.01	<0.05	50.3	620	15.3	4.5	0.003	1.15	4.27	2.4	2.6	0.3	34.6	<0.01	0.09
ML04336		0.01	<0.05	45.8	830	18.3	3.7	0.003	0.85	5.31	2.8	2.4	0.3	24.0	<0.01	0.08
ML04337		0.01	<0.05	34.2	750	12.3	4.8	0.003	0.54	4.44	2.9	1.0	0.3	26.2	<0.01	0.04
ML04338		0.01	<0.05	23.9	510	7.8	3.6	0.003	0.39	3.05	2.2	0.9	0.2	20.0	<0.01	0.04
ML04339		0.03	<0.05	34.7	800	12.3	5.6	0.002	0.38	4.31	2.8	0.8	0.3	32.6	<0.01	0.06
ML04340		0.02	<0.05	20.5	500	7.7	3.7	0.002	0.29	3.59	1.8	0.9	0.2	17.2	<0.01	0.03
ML04341		0.03	<0.05	25.0	570	11.9	3.5	0.002	0.35	4.51	2.5	0.8	0.3	24.0	<0.01	0.03
ML04342		0.03	<0.05	33.7	680	30.0	4.7	0.003	0.50	5.03	2.5	1.5	0.3	31.3	<0.01	0.06
ML04343		0.03	<0.05	38.3	610	16.8	4.3	0.003	0.90	3.65	2.1	2.5	0.3	20.6	<0.01	0.09
ML04344		0.01	<0.05	13.0	240	5.9	2.2	0.001	0.18	1.35	1.0	0.4	0.2	9.9	<0.01	0.01
ML04345		0.01	<0.05	7.9	130	3.5	1.1	0.001	0.13	0.60	0.5	0.3	<0.2	14.1	0.03	0.01
ML04346		0.02	<0.05	1.6	280	1.4	1.5	<0.001	<0.01	0.05	0.3	0.2	<0.2	52.7	<0.01	0.02



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CERTIFICATE OF ANALYSIS WH11159780

Sample Description	Method Analyte Units LOR	ME- MS41 Th ppm 0.2	ME- MS41 Ti % 0.005	ME- MS41 Ti ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
ML04330		6.4	<0.005	0.04	1.36	22	1.68	3.06	83	15.4
ML04331		6.2	<0.005	0.03	1.06	21	2.38	3.01	107	13.9
ML04332		6.7	<0.005	0.03	1.26	26	1.47	3.56	80	12.6
ML04333		3.8	<0.005	0.02	0.71	20	5.65	2.37	68	6.2
ML04334		4.8	<0.005	0.02	0.70	26	4.40	2.60	85	7.6
ML04335		5.2	<0.005	0.02	0.68	25	4.04	2.33	90	7.0
ML04336		5.3	<0.005	<0.02	0.79	29	2.69	2.64	96	5.9
ML04337		6.7	<0.005	<0.02	0.88	27	4.39	2.38	73	4.9
ML04338		4.6	<0.005	<0.02	0.63	20	4.01	1.75	51	4.0
ML04339		7.6	<0.005	<0.02	0.97	26	2.02	2.52	76	4.8
ML04340		4.7	<0.005	0.02	0.61	16	5.38	1.52	56	4.6
ML04341		5.1	<0.005	0.02	0.73	21	4.62	1.82	66	5.5
ML04342		6.8	<0.005	0.02	0.84	24	1.47	2.19	73	7.0
ML04343		4.6	<0.005	0.02	0.65	23	2.55	1.98	60	6.5
ML04344		2.5	<0.005	<0.02	0.34	10	8.96	0.95	24	2.8
ML04345		1.0	<0.005	<0.02	0.23	4	201	0.81	11	1.5
ML04346		<0.2	<0.005	<0.02	0.64	2	0.35	0.93	15	<0.5



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Method	CERTIFICATE COMMENTS
ME- MS41 ME- MS41	Interference: Ca> 10% on ICP- MS As,ICP- AES results shown. Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).



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CERTIFICATE WH11159781

Project: Mount Hinton

P.O. No.:

This report is for 134 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 15- AUG- 2011.

The following have access to data associated with this certificate:

DOUG EATON

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
CRU- QC	Crushing QC Test
SPL- 22Y	Split Sample - Boyd Rotary Splitter
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- MS41	51 anal. aqua regia ICPMS	
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
As- OG46	Ore Grade As - Aqua Regia	VARIABLE

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH11159781

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ML04501		0.86	<0.005	0.82	1.27	49.7	<0.2	<10	190	0.28	0.24	0.41	0.34	32.4	9.6	31
ML04502		1.87	<0.005	0.41	1.05	19.1	<0.2	<10	240	0.25	0.20	0.10	0.14	50.8	2.9	29
ML04503		0.43	<0.005	0.42	1.25	8.9	<0.2	<10	240	0.20	0.26	0.07	0.05	46.8	2.7	29
ML04504		0.71	<0.005	0.23	4.14	20.1	<0.2	<10	130	0.19	0.18	4.13	0.35	27.4	37.0	145
ML04505		0.46	<0.005	0.09	3.87	3.1	<0.2	<10	90	0.23	0.02	7.79	0.10	19.50	30.1	137
ML04506		0.98	0.011	0.10	3.67	33.9	<0.2	<10	100	0.19	0.02	5.21	0.32	17.40	37.9	153
ML04507		0.24	<0.005	0.10	3.91	12.8	<0.2	<10	90	0.19	0.02	5.76	0.23	26.5	35.3	151
ML04508		0.25	<0.005	0.08	3.79	6.0	<0.2	<10	130	0.16	0.02	5.93	0.20	21.3	33.6	162
ML04509		0.18	<0.005	0.16	3.26	10.3	<0.2	<10	240	0.25	0.07	6.05	0.27	24.4	33.3	109
ML04510		0.39	<0.005	0.08	3.81	3.7	<0.2	<10	130	0.15	0.02	6.74	0.15	25.4	34.3	188
ML04511		0.31	<0.005	0.13	3.67	10.7	<0.2	<10	140	0.20	0.04	5.19	0.32	25.0	38.1	136
ML04512		0.24	<0.005	0.23	4.27	16.2	<0.2	<10	160	0.18	0.06	3.99	0.31	24.3	33.0	58
ML04513		0.16	<0.005	0.23	1.88	34.3	<0.2	<10	120	0.17	0.10	1.38	0.38	31.3	15.2	31
ML04514		0.17	<0.005	0.24	2.00	33.0	<0.2	<10	130	0.19	0.10	1.45	0.37	31.8	15.0	33
ML04515		0.49	<0.005	0.36	4.08	20.1	<0.2	<10	120	0.15	0.04	4.20	0.26	26.4	30.4	90
ML04516		0.23	<0.005	0.11	3.81	4.1	<0.2	<10	110	0.20	0.02	6.80	0.12	18.40	34.1	124
ML04517		0.34	<0.005	0.15	4.20	8.4	<0.2	<10	160	0.20	0.03	4.65	0.15	17.70	34.0	152
ML04518		1.28	<0.005	0.16	4.24	11.6	<0.2	<10	150	0.20	0.02	2.98	0.17	11.60	39.0	35
ML04519		2.60	<0.005	0.17	4.26	19.5	<0.2	<10	100	0.17	0.02	3.98	0.20	10.85	37.9	54
ML04520		1.59	<0.005	0.23	2.75	27.4	<0.2	<10	160	0.22	0.17	1.95	0.21	23.0	21.8	41
ML04521		0.76	<0.005	0.22	0.93	29.5	<0.2	<10	60	0.11	0.12	2.94	0.34	17.70	9.3	26
ML04522		0.81	0.011	0.19	0.70	69.7	<0.2	<10	80	0.19	0.10	0.53	0.21	20.2	7.6	26
ML04523		1.45	<0.005	0.16	0.47	45.0	<0.2	<10	70	0.18	0.09	0.14	0.21	17.65	5.2	21
ML04524		1.91	0.005	0.32	0.40	98.1	<0.2	<10	90	0.25	0.13	0.17	0.32	17.45	7.5	19
ML04525		2.06	0.020	0.15	0.24	127.5	<0.2	<10	50	0.10	0.05	0.53	0.19	10.20	4.6	19
ML04526		0.75	0.033	0.56	0.16	268	<0.2	<10	40	0.09	0.03	0.06	0.63	10.00	5.0	15
ML04527		1.43	0.011	0.25	0.15	118.0	<0.2	<10	40	0.07	0.02	0.22	0.55	10.60	5.2	19
ML04528		0.91	0.005	0.17	0.14	151.0	<0.2	<10	70	0.10	0.02	0.06	1.18	9.85	10.0	17
ML04529		1.32	0.015	0.25	0.19	339	<0.2	<10	60	0.14	0.04	0.08	0.56	14.20	6.6	16
ML04530		0.81	0.007	0.18	0.11	156.5	<0.2	<10	40	0.05	0.03	0.04	0.18	10.85	3.4	19
ML04531		0.69	0.008	0.35	0.91	67.0	<0.2	<10	160	0.26	0.18	0.14	0.36	29.5	8.7	21
ML04532		1.66	0.009	0.35	0.78	23.6	<0.2	<10	160	0.21	0.16	0.13	0.21	30.6	7.1	18
ML04533		0.66	<0.005	0.33	0.69	20.1	<0.2	<10	120	0.17	0.14	0.17	0.24	27.6	6.5	17
ML04534		0.46	<0.005	0.24	0.95	18.5	<0.2	<10	160	0.25	0.16	0.10	0.21	32.8	8.4	19
ML04535		0.55	0.007	0.35	0.57	10.5	<0.2	<10	150	0.25	0.25	0.10	0.32	25.6	8.5	15
ML04536		0.93	0.005	0.31	0.60	5.4	<0.2	<10	120	0.17	0.11	0.06	0.13	25.8	3.6	17
ML04537		0.78	0.007	0.25	0.39	14.3	<0.2	<10	100	0.11	0.12	0.04	0.13	19.95	3.9	14
ML04538		0.58	0.005	0.30	0.47	22.9	<0.2	<10	100	0.16	0.16	0.04	0.35	25.8	6.0	14
ML04539		0.67	0.005	0.33	0.76	19.3	<0.2	<10	100	0.17	0.26	0.04	0.30	37.1	5.0	21
ML04540		0.45	<0.005	0.21	0.60	15.3	<0.2	<10	90	0.16	0.18	0.09	0.32	30.6	8.3	16



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CERTIFICATE OF ANALYSIS WH11159781

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ML04501		0.77	52.8	2.82	3.73	0.08	0.14	0.14	0.032	0.12	18.7	23.0	0.58	278	8.82
ML04502		0.86	39.3	2.38	3.92	0.09	0.33	0.08	0.022	0.16	27.8	19.1	0.31	125	3.47
ML04503		0.77	43.5	2.67	4.03	0.07	0.36	0.07	0.022	0.17	26.1	26.9	0.39	161	3.60
ML04504		0.36	55.4	5.69	10.30	0.12	0.09	0.01	0.031	0.15	16.5	74.9	3.06	1050	2.82
ML04505		0.30	45.1	5.12	9.90	0.10	0.08	<0.01	0.026	0.17	12.0	44.7	2.96	1000	1.80
ML04506		0.37	69.0	6.39	9.58	0.11	0.06	0.02	0.028	0.18	9.5	42.2	2.23	1370	4.73
ML04507		0.32	57.2	5.91	9.72	0.11	0.08	0.01	0.030	0.15	16.2	65.3	2.49	1200	2.57
ML04508		0.37	55.3	5.59	9.00	0.11	0.07	0.01	0.031	0.19	13.2	64.4	2.41	1180	2.49
ML04509		1.02	53.7	5.24	7.13	0.10	0.09	0.03	0.026	0.28	15.4	53.7	1.66	1220	2.05
ML04510		0.34	50.3	5.66	9.80	0.11	0.08	0.02	0.033	0.15	15.6	69.3	2.48	1100	1.81
ML04511		0.65	70.1	5.83	8.45	0.11	0.10	0.01	0.028	0.17	15.0	66.9	2.05	1140	2.51
ML04512		0.53	158.0	6.70	11.50	0.14	0.14	0.01	0.035	0.11	14.2	76.6	2.45	1060	2.03
ML04513		0.67	67.6	3.21	5.55	0.07	0.19	0.01	0.022	0.12	16.0	37.4	0.87	420	1.88
ML04514		0.70	70.2	3.34	5.67	0.08	0.18	0.01	0.023	0.12	16.4	39.7	0.94	436	2.08
ML04515		0.56	119.0	6.23	10.95	0.11	0.11	0.01	0.040	0.16	15.0	84.5	2.25	897	2.08
ML04516		0.64	50.7	5.66	8.24	0.10	0.06	<0.01	0.027	0.21	9.7	71.3	2.15	1170	2.83
ML04517		0.75	72.3	6.22	9.78	0.11	0.11	0.01	0.023	0.19	10.9	93.3	2.56	944	1.92
ML04518		3.21	249	7.44	9.79	0.16	0.12	0.01	0.021	0.04	5.2	54.0	2.57	1180	1.87
ML04519		1.77	187.0	6.46	9.48	0.13	0.11	0.01	0.025	0.05	4.9	71.6	2.84	1050	1.77
ML04520		0.98	83.3	4.53	6.43	0.09	0.20	0.01	0.027	0.15	13.3	55.7	1.47	475	4.67
ML04521		0.68	18.3	2.28	2.29	0.05	0.21	0.01	0.011	0.07	10.9	19.2	0.61	334	2.65
ML04522		0.74	18.3	1.86	1.95	<0.05	0.14	0.01	0.010	0.09	10.9	15.8	0.24	286	3.22
ML04523		0.68	12.0	1.40	1.24	<0.05	0.12	0.02	0.009	0.08	9.1	10.6	0.09	126	2.85
ML04524		1.12	15.3	2.06	1.06	<0.05	0.17	0.02	0.012	0.10	9.3	7.7	0.03	197	2.85
ML04525		0.29	7.7	0.97	0.64	<0.05	0.08	0.01	<0.005	0.04	5.5	4.5	0.08	161	2.83
ML04526		0.56	8.9	1.06	0.33	<0.05	0.06	0.01	<0.005	0.03	5.2	3.9	0.01	189	2.60
ML04527		0.28	7.4	0.88	0.34	<0.05	0.07	0.01	0.006	0.02	5.4	4.3	0.01	335	3.08
ML04528		0.17	7.8	1.17	0.29	<0.05	0.06	0.02	<0.005	0.02	4.9	2.8	0.01	732	2.72
ML04529		0.80	7.8	1.30	0.47	<0.05	0.07	0.02	0.005	0.06	7.2	2.8	0.01	253	2.59
ML04530		0.47	17.0	0.77	0.34	<0.05	0.05	0.01	<0.005	0.04	5.4	2.1	0.01	172	4.28
ML04531		0.91	50.7	2.97	2.81	0.06	0.06	0.02	0.021	0.09	15.8	15.9	0.25	280	3.10
ML04532		0.85	49.2	2.80	2.54	0.06	0.16	0.02	0.020	0.09	16.5	13.2	0.15	175	2.60
ML04533		0.85	48.7	2.46	2.40	0.06	0.18	0.02	0.019	0.07	14.4	11.2	0.15	177	2.64
ML04534		1.23	28.1	3.07	2.83	0.08	0.23	0.02	0.018	0.10	17.0	14.4	0.17	205	1.94
ML04535		1.21	44.0	1.99	1.61	0.05	0.28	0.02	0.014	0.09	14.2	9.4	0.10	239	3.06
ML04536		0.89	38.8	1.80	1.99	0.05	0.25	0.02	0.014	0.08	14.0	9.2	0.11	94	3.87
ML04537		0.58	35.3	1.52	1.22	<0.05	0.20	0.02	0.011	0.07	11.0	6.4	0.07	97	3.91
ML04538		0.72	44.6	1.79	1.44	0.05	0.23	0.02	0.011	0.07	14.1	8.2	0.08	249	3.43
ML04539		0.96	36.5	2.58	2.88	0.09	0.27	0.03	0.019	0.07	19.7	7.1	0.06	573	7.20
ML04540		0.76	29.9	1.83	1.88	0.05	0.17	0.02	0.012	0.08	16.1	9.9	0.09	799	3.10



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
ML04501		0.49	35.5	880	204	8.1	0.001	0.05	2.49	3.1	2.5	0.8	46.4	0.01	0.06
ML04502		0.23	18.0	500	15.0	10.6	0.001	0.07	1.05	2.3	2.4	0.2	37.2	0.01	0.06
ML04503		0.05	19.6	590	44.2	9.5	0.001	0.07	0.64	2.1	1.3	0.3	36.4	<0.01	0.07
ML04504		0.18	97.5	2070	16.3	6.1	<0.001	0.09	0.45	9.6	0.4	<0.2	198.0	0.01	0.03
ML04505		1.04	73.8	2240	35.5	5.6	<0.001	0.08	0.29	8.7	0.3	0.4	447	0.04	0.01
ML04506		0.64	103.5	2150	4.9	5.2	0.001	0.53	0.59	9.9	0.4	0.2	311	0.03	0.01
ML04507		0.44	93.9	2060	17.5	4.9	<0.001	0.26	0.65	9.6	0.3	0.2	382	0.02	0.01
ML04508		0.45	95.7	2120	4.8	5.8	<0.001	0.21	0.54	8.8	0.2	<0.2	422	0.03	0.01
ML04509		0.54	84.7	2080	35.9	9.8	<0.001	0.58	0.65	7.4	0.2	0.3	364	0.03	0.01
ML04510		0.48	98.6	2000	4.7	4.9	<0.001	0.27	0.29	11.5	0.2	<0.2	462	0.03	0.01
ML04511		0.61	98.0	2080	14.3	5.6	<0.001	0.33	0.99	7.9	0.3	0.2	316	0.04	0.02
ML04512		0.63	52.2	1060	6.7	4.4	0.001	0.08	1.26	10.2	0.6	0.5	163.0	0.03	0.02
ML04513		0.22	35.2	700	21.7	5.2	0.001	0.05	1.32	5.5	0.5	0.3	51.6	0.01	0.02
ML04514		0.21	34.2	720	12.5	5.1	0.001	0.04	1.32	5.8	0.5	0.3	53.5	0.01	0.02
ML04515		0.17	68.1	1570	5.7	6.2	0.001	0.13	0.63	11.5	0.5	<0.2	229	0.01	0.01
ML04516		0.63	83.1	2100	8.9	6.8	0.002	0.34	0.27	6.6	0.2	0.2	428	0.03	0.01
ML04517		1.29	91.8	2190	6.5	7.0	0.002	0.35	0.21	7.1	0.5	0.4	261	0.06	0.02
ML04518		0.37	43.5	950	3.4	1.6	0.001	0.10	0.45	7.7	0.5	0.4	187.0	0.01	0.02
ML04519		0.32	57.3	750	6.8	2.3	0.001	0.10	0.64	10.0	0.5	0.3	185.5	0.01	0.01
ML04520		0.17	55.3	970	11.4	6.7	0.002	0.24	1.74	5.3	1.6	0.2	82.9	0.01	0.03
ML04521		0.08	26.3	570	17.3	3.6	<0.001	0.07	1.73	2.1	0.4	<0.2	57.6	<0.01	0.02
ML04522		0.06	20.9	330	10.1	4.7	<0.001	0.04	1.69	1.4	0.9	0.2	25.4	<0.01	0.01
ML04523		<0.05	16.2	290	14.4	4.5	<0.001	0.01	1.57	1.1	0.7	0.2	16.8	<0.01	0.01
ML04524		<0.05	24.8	500	10.4	6.1	<0.001	0.02	3.09	1.3	0.9	<0.2	21.4	<0.01	0.01
ML04525		0.05	10.7	240	14.9	2.1	<0.001	0.06	2.34	0.7	0.6	0.2	16.9	<0.01	<0.01
ML04526		0.05	15.6	160	4.4	2.1	<0.001	<0.01	4.54	0.5	0.4	<0.2	3.5	<0.01	<0.01
ML04527		<0.05	16.8	900	7.9	1.4	<0.001	<0.01	3.90	0.6	0.4	<0.2	8.9	<0.01	<0.01
ML04528		0.05	23.1	160	4.0	1.0	<0.001	<0.01	3.75	0.6	0.4	<0.2	3.3	<0.01	<0.01
ML04529		<0.05	20.8	310	7.9	3.3	<0.001	<0.01	4.39	0.8	0.5	<0.2	12.8	<0.01	<0.01
ML04530		<0.05	10.1	170	2.9	2.2	<0.001	0.01	1.91	0.4	0.4	<0.2	8.8	<0.01	<0.01
ML04531		0.12	33.1	560	16.6	5.9	<0.001	0.01	3.22	2.5	1.4	0.2	22.4	<0.01	0.05
ML04532		0.06	28.7	640	13.5	5.5	<0.001	0.01	2.94	2.5	1.4	0.2	26.1	<0.01	0.06
ML04533		0.05	23.9	560	11.0	4.3	<0.001	0.01	2.37	2.3	1.1	0.2	27.5	<0.01	0.05
ML04534		<0.05	31.1	570	11.1	5.5	<0.001	0.01	2.76	2.2	1.1	0.2	30.0	<0.01	0.03
ML04535		<0.05	31.7	470	16.6	5.4	<0.001	0.01	2.45	1.8	1.1	0.2	29.6	<0.01	0.05
ML04536		<0.05	21.3	430	10.4	4.7	<0.001	0.01	2.62	1.4	1.2	<0.2	24.8	<0.01	0.04
ML04537		<0.05	23.9	240	11.3	3.8	0.001	0.01	1.57	1.1	1.0	<0.2	15.3	<0.01	0.03
ML04538		<0.05	28.8	220	9.5	4.1	<0.001	0.01	2.20	1.4	1.1	<0.2	11.8	<0.01	0.04
ML04539		<0.05	23.6	420	15.1	3.9	0.001	0.01	6.06	2.2	1.3	0.2	20.3	<0.01	0.08
ML04540		<0.05	27.3	460	12.9	4.3	0.001	0.02	2.83	1.4	1.1	0.2	20.4	<0.01	0.05



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm	As- OG46 As %
		0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.01
ML04501		0.028	0.09	2.30	65	1.27	7.02	74	9.6	
ML04502		<0.005	0.10	1.19	37	1.51	4.30	51	16.4	
ML04503		<0.005	0.08	1.37	44	1.47	3.84	52	17.9	
ML04504		0.017	0.05	0.61	108	0.95	7.70	110	4.2	
ML04505		0.294	0.03	0.20	119	0.32	8.98	69	1.6	
ML04506		0.128	0.03	0.65	114	0.32	11.95	102	2.7	
ML04507		0.072	0.02	0.34	113	0.41	13.65	89	2.1	
ML04508		0.021	0.03	0.21	98	0.26	12.85	79	2.1	
ML04509		0.019	0.07	0.43	70	0.34	14.55	84	2.7	
ML04510		0.026	0.03	0.15	115	0.22	13.85	77	2.3	
ML04511		0.059	0.04	0.27	91	0.47	12.50	93	3.3	
ML04512		0.410	0.03	0.60	184	0.35	13.40	122	3.5	
ML04513		0.111	0.03	0.58	77	2.16	10.40	85	6.2	
ML04514		0.125	0.03	0.61	83	1.93	10.10	87	6.0	
ML04515		0.018	0.03	0.32	149	0.60	8.12	134	4.2	
ML04516		0.127	0.04	0.19	89	0.42	8.96	73	2.0	
ML04517		0.307	0.04	0.28	112	0.61	10.50	109	3.6	
ML04518		0.510	<0.02	0.17	165	0.73	9.33	122	2.4	
ML04519		0.422	0.02	0.43	145	0.49	9.33	107	2.4	
ML04520		0.095	0.05	0.82	78	0.91	7.22	137	7.7	
ML04521		0.017	0.04	0.32	18	2.52	6.16	69	7.5	
ML04522		0.013	0.05	0.42	14	4.24	4.13	53	5.4	
ML04523		<0.005	0.06	0.45	7	6.68	4.14	41	4.6	
ML04524		<0.005	0.13	0.54	7	4.48	4.14	59	6.8	
ML04525		<0.005	0.03	0.26	4	9.70	2.34	31	2.9	
ML04526		<0.005	0.05	0.39	2	5.04	2.85	49	2.1	
ML04527		<0.005	0.03	0.51	2	6.41	3.72	42	2.8	
ML04528		<0.005	0.03	0.32	2	3.52	3.75	54	2.3	
ML04529		<0.005	0.06	0.43	3	4.78	3.65	57	2.5	
ML04530		<0.005	0.04	0.23	2	6.77	2.31	26	1.9	
ML04531		0.011	0.06	0.98	27	1.70	4.09	85	3.9	
ML04532		<0.005	0.04	0.95	19	2.48	3.63	70	8.7	
ML04533		0.005	0.04	0.81	15	3.87	3.13	57	8.3	
ML04534		<0.005	0.05	1.12	16	1.57	3.26	77	10.0	
ML04535		<0.005	0.04	1.12	12	3.42	3.50	62	12.2	
ML04536		<0.005	0.04	0.90	15	2.21	2.20	52	10.0	
ML04537		<0.005	0.03	0.62	8	3.21	1.90	51	8.1	
ML04538		<0.005	0.03	0.91	11	2.79	2.75	59	9.4	
ML04539		<0.005	0.03	1.10	21	1.76	2.66	59	11.2	
ML04540		<0.005	0.03	0.94	11	2.27	3.63	59	7.3	



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ML04541		0.36	<0.005	0.12	0.53	27.6	<0.2	<10	90	0.16	0.11	0.11	0.70	25.7	6.3	14
ML04542		0.78	<0.005	0.25	1.10	129.5	<0.2	<10	110	0.29	0.17	0.06	0.52	36.3	8.1	19
ML04543		0.90	<0.005	0.19	1.49	23.5	<0.2	<10	110	0.29	0.09	0.05	0.46	56.6	7.0	21
ML04544		0.60	<0.005	0.51	1.01	191.0	<0.2	<10	130	0.28	0.31	0.19	0.87	26.7	7.1	22
ML04545		0.46	<0.005	0.29	3.68	335	<0.2	<10	140	0.39	0.06	2.21	1.69	45.5	32.1	102
ML04546		0.85	0.030	0.39	3.49	872	<0.2	<10	90	0.30	0.03	5.62	0.33	36.1	30.6	110
ML04547		0.70	0.028	0.30	3.06	1120	<0.2	<10	70	0.30	0.02	5.46	0.26	32.1	33.2	116
ML04548		0.82	0.072	0.79	1.82	2240	<0.2	<10	80	0.34	0.03	5.54	0.15	24.6	35.6	76
ML04549		0.77	<0.005	0.12	3.01	57.4	<0.2	<10	110	0.22	0.02	6.52	0.15	23.8	31.3	121
ML04550		0.45	<0.005	0.18	3.63	67.1	<0.2	<10	90	0.24	0.03	5.37	0.23	24.8	30.5	78
ML04551		1.19	0.005	0.19	4.53	86.7	<0.2	<10	50	0.20	0.03	4.89	0.30	16.05	40.0	118
ML04552		0.79	<0.005	0.14	3.88	28.2	<0.2	<10	10	0.19	0.01	3.36	0.17	6.12	34.2	128
ML04553		1.44	<0.005	0.21	3.66	23.2	<0.2	<10	60	0.17	0.05	3.44	0.17	15.00	29.1	83
ML04554		0.74	0.019	0.20	1.06	109.5	<0.2	<10	70	0.19	0.08	3.21	0.30	17.90	9.3	27
ML04555		0.91	0.005	0.13	0.23	75.7	<0.2	<10	30	0.06	0.03	0.50	0.13	8.22	4.4	16
ML04556		1.30	0.161	2.16	0.17	397	<0.2	<10	30	0.05	0.40	0.31	0.17	7.24	2.6	18
ML04557		0.90	0.370	7.46	0.56	652	<0.2	<10	100	0.30	1.10	0.16	0.86	15.05	16.3	21
ML04558		1.20	0.026	0.57	0.26	306	<0.2	<10	60	0.15	0.12	0.13	0.49	12.50	7.3	17
ML04559		0.91	<0.005	0.03	0.03	5	<0.2	<10	10	<0.05	0.02	19.75	0.06	1.53	1.3	<1
ML04560		1.30	0.005	0.26	0.24	226	<0.2	<10	50	0.12	0.08	0.17	0.44	9.94	5.5	16
ML04561		0.61	0.041	0.68	0.28	457	<0.2	<10	30	0.17	0.04	0.17	0.74	11.10	7.0	17
ML04562		1.24	0.029	0.40	0.23	273	<0.2	<10	50	0.10	0.03	0.12	0.32	14.25	3.7	16
ML04563		0.58	0.006	0.13	0.11	102.0	<0.2	<10	30	0.06	0.03	0.16	0.09	9.27	234	16
ML04564		1.04	<0.005	0.14	0.26	195.5	<0.2	<10	70	0.14	0.04	0.12	0.21	13.25	5.6	20
ML04565		1.04	0.019	0.18	0.17	162.5	<0.2	<10	40	0.07	0.04	0.26	0.12	9.86	9.9	16
ML04566		0.93	<0.005	0.12	0.14	101.5	<0.2	<10	30	0.06	0.04	0.13	0.22	9.53	4.0	18
ML04567		1.29	<0.005	0.28	0.74	28.0	<0.2	<10	80	0.25	0.14	1.68	0.22	13.00	113.0	23
ML04568		1.59	<0.005	0.44	1.05	38.4	<0.2	<10	120	0.33	0.23	1.77	0.33	15.20	9.7	24
ML04569		1.18	<0.005	0.45	0.85	48.0	<0.2	<10	100	0.27	0.20	1.42	0.36	16.50	12.0	23
ML04570		1.65	<0.005	0.26	0.50	24.1	<0.2	<10	80	0.20	0.10	1.28	0.17	12.30	5.9	18
ML04571		1.79	0.016	0.43	1.09	114.0	<0.2	<10	110	0.36	0.27	1.17	0.46	15.50	12.2	27
ML04572		1.16	0.010	0.16	0.36	35.3	<0.2	<10	130	0.14	0.13	0.05	0.13	18.15	3.1	12
ML04573		0.35	0.013	0.12	0.43	30.2	<0.2	<10	160	0.13	0.19	0.05	0.27	18.90	5.9	10
ML04574		0.38	0.010	0.10	0.49	21.6	<0.2	<10	160	0.15	0.19	0.04	0.23	19.85	6.2	10
ML04575		0.71	0.013	0.10	0.31	16.1	<0.2	<10	140	0.10	0.15	0.02	0.13	18.50	3.8	9
ML04576		0.85	0.006	0.14	0.30	33.1	<0.2	<10	140	0.12	0.14	0.03	0.13	14.05	2.9	10
ML04577		0.59	<0.005	0.11	0.14	20.3	<0.2	<10	60	0.07	0.06	0.03	0.16	10.05	2.8	9
ML04578		0.38	<0.005	0.13	0.12	29.4	<0.2	<10	40	0.05	0.05	0.02	0.24	8.07	1.6	9
ML04579		0.25	<0.005	0.11	0.10	33.0	<0.2	<10	40	<0.05	0.03	0.02	0.15	8.18	1.7	9
ML04580		0.53	0.203	0.62	0.89	632	<0.2	<10	180	0.36	0.16	0.09	0.88	39.1	10.8	17



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ML04541		0.54	28.1	1.57	1.53	<0.05	0.13	0.01	0.007	0.09	13.7	10.6	0.17	502	2.45
ML04542		0.70	71.0	2.55	2.98	0.07	0.22	0.02	0.013	0.14	20.1	26.7	0.41	230	3.17
ML04543		0.97	62.7	3.29	4.26	0.08	0.21	0.01	0.012	0.16	30.8	36.9	0.60	264	1.72
ML04544		1.12	60.0	2.21	2.52	0.05	0.29	0.06	0.029	0.13	15.1	21.2	0.34	213	9.89
ML04545		0.75	63.4	5.64	8.59	0.11	0.09	0.02	0.039	0.20	25.2	93.5	2.47	1040	5.21
ML04546		1.47	47.7	5.72	8.65	0.11	0.05	0.01	0.040	0.17	20.4	78.0	2.69	1010	2.75
ML04547		2.36	44.4	5.73	7.58	0.09	0.04	0.02	0.037	0.14	17.4	68.8	2.42	1130	2.63
ML04548		5.73	43.1	5.72	4.17	0.08	0.03	0.03	0.039	0.18	13.8	51.8	2.02	1290	2.83
ML04549		1.50	58.5	5.08	6.06	0.08	0.02	0.01	0.025	0.15	13.6	69.5	1.78	1050	3.16
ML04550		1.28	95.3	5.52	8.54	0.10	0.06	0.02	0.031	0.11	13.4	98.4	2.21	911	2.15
ML04551		2.13	129.0	6.17	8.42	0.12	0.08	0.01	0.026	0.05	8.4	115.0	3.18	1130	2.51
ML04552		0.80	150.5	5.48	6.67	0.14	0.10	0.01	0.016	0.01	2.9	89.1	2.98	980	1.35
ML04553		1.57	140.0	5.55	7.35	0.11	0.09	0.01	0.026	0.04	7.4	88.5	2.39	889	1.28
ML04554		0.90	25.7	2.41	2.63	0.05	0.17	0.01	0.016	0.09	9.6	25.6	0.50	234	2.14
ML04555		0.30	11.3	0.90	0.61	<0.05	0.08	0.02	0.005	0.04	4.4	4.4	0.10	128	2.50
ML04556		0.20	19.3	0.86	0.47	<0.05	0.06	0.02	0.026	0.03	3.8	3.0	0.08	87	2.78
ML04557		1.51	63.3	3.24	1.54	0.06	0.24	0.04	0.048	0.10	7.9	5.9	0.08	286	4.03
ML04558		0.70	15.4	1.63	0.79	<0.05	0.15	0.02	0.012	0.06	6.4	3.0	0.04	156	3.08
ML04559		0.13	2.9	0.42	0.14	0.05	<0.02	<0.01	<0.005	0.01	0.7	0.9	12.45	191	0.32
ML04560		0.52	10.9	1.38	0.71	0.05	0.10	0.01	0.007	0.05	4.9	1.4	0.04	165	2.87
ML04561		1.19	21.5	1.52	0.55	<0.05	0.07	0.02	0.006	0.03	5.4	4.5	0.06	266	3.10
ML04562		0.69	13.7	1.04	0.64	<0.05	0.06	0.02	0.006	0.06	7.1	3.7	0.05	179	3.10
ML04563		0.30	9.1	0.83	0.38	<0.05	0.04	0.43	<0.005	0.03	4.5	1.5	0.05	94	2.08
ML04564		0.61	13.3	1.19	0.75	<0.05	0.07	0.02	0.006	0.08	6.5	3.2	0.04	167	3.20
ML04565		0.34	7.3	1.69	0.60	0.05	0.07	0.09	0.005	0.05	4.6	1.4	0.07	140	2.62
ML04566		0.28	7.2	1.04	0.45	<0.05	0.06	0.02	0.008	0.03	4.6	1.8	0.04	190	3.06
ML04567		1.26	13.0	1.89	2.11	0.06	0.15	0.73	0.016	0.09	6.3	3.2	0.27	149	2.65
ML04568		2.06	17.4	2.21	2.87	0.05	0.16	0.01	0.022	0.13	7.3	3.4	0.41	181	1.97
ML04569		1.79	18.9	2.04	2.34	0.06	0.16	0.04	0.016	0.10	8.2	4.2	0.33	187	2.08
ML04570		1.21	10.3	1.33	1.42	<0.05	0.11	0.02	0.011	0.09	6.0	2.4	0.14	103	2.63
ML04571		2.14	17.2	2.50	3.10	0.07	0.19	0.04	0.024	0.11	7.7	10.6	0.19	183	3.42
ML04572		0.39	65.0	1.30	1.27	<0.05	0.08	0.02	0.020	0.06	8.3	4.0	0.07	82	2.08
ML04573		0.42	118.0	1.78	1.60	<0.05	0.15	0.03	0.020	0.07	9.5	7.0	0.13	190	4.94
ML04574		0.48	72.8	1.88	1.69	0.05	0.19	0.01	0.019	0.08	9.9	8.0	0.13	153	2.04
ML04575		0.46	57.1	1.47	1.32	<0.05	0.13	0.03	0.017	0.07	9.0	4.7	0.08	88	1.96
ML04576		0.47	60.2	1.29	1.19	<0.05	0.16	0.01	0.021	0.06	6.5	4.7	0.08	67	1.96
ML04577		0.27	32.0	0.70	0.49	<0.05	0.06	0.02	0.010	0.03	4.7	1.2	0.01	124	1.93
ML04578		0.21	38.8	0.54	0.37	<0.05	0.05	0.01	0.006	0.02	3.9	1.2	0.01	133	1.86
ML04579		0.15	23.2	0.47	0.32	<0.05	0.04	0.02	<0.005	0.02	3.9	1.1	0.01	119	1.80
ML04580		2.80	59.0	3.41	3.07	0.09	0.24	0.01	0.026	0.10	18.9	9.3	0.12	310	2.50



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
ML04541		<0.05	24.5	300	6.8	4.5	0.001	0.02	2.06	1.2	0.7	<0.2	13.7	<0.01	0.03
ML04542		<0.05	38.9	360	10.3	6.6	0.001	0.02	4.43	1.4	1.5	<0.2	16.9	<0.01	0.05
ML04543		<0.05	19.6	420	6.2	7.1	<0.001	0.01	2.88	1.6	1.4	0.2	24.8	<0.01	0.02
ML04544		<0.05	46.5	1060	29.6	6.4	0.001	0.01	4.09	1.7	1.7	0.2	44.7	<0.01	0.07
ML04545		0.08	96.9	2150	8.9	7.4	0.001	0.05	3.03	8.5	1.1	0.2	110.5	<0.01	0.02
ML04546		0.11	82.6	1990	4.5	6.6	<0.001	0.10	4.65	11.0	0.8	<0.2	307	<0.01	0.01
ML04547		0.10	91.7	2020	4.2	6.6	0.001	0.11	6.39	11.3	0.7	<0.2	275	<0.01	<0.01
ML04548		0.11	102.5	1970	3.6	9.9	<0.001	0.22	12.55	10.8	0.9	<0.2	206	<0.01	0.01
ML04549		0.08	93.4	1840	3.4	5.9	<0.001	0.38	4.00	6.8	0.8	<0.2	404	<0.01	0.01
ML04550		0.12	64.1	880	5.4	4.7	0.001	0.05	3.28	9.5	0.7	0.2	316	0.01	0.01
ML04551		0.19	89.0	640	4.3	2.8	0.001	0.01	2.01	9.2	0.7	0.3	152.5	0.01	0.01
ML04552		0.20	79.8	560	2.0	0.7	<0.001	0.01	1.08	7.6	0.6	0.3	81.4	<0.01	<0.01
ML04553		0.18	61.3	650	4.7	2.4	<0.001	0.01	1.16	8.2	0.5	0.3	86.6	0.01	0.01
ML04554		0.06	28.6	560	10.5	4.6	<0.001	0.04	2.25	2.8	0.8	<0.2	95.8	<0.01	0.02
ML04555		0.05	11.6	250	5.1	2.1	<0.001	0.04	1.88	0.8	0.5	<0.2	13.4	<0.01	<0.01
ML04556		0.05	6.1	170	5.3	1.7	<0.001	0.04	8.03	0.6	0.6	0.3	11.2	<0.01	<0.01
ML04557		<0.05	51.0	490	21.6	6.0	0.001	0.03	19.35	1.8	2.2	0.4	23.9	<0.01	0.03
ML04558		0.05	22.5	390	8.1	3.5	<0.001	0.02	5.13	1.0	0.8	<0.2	11.2	<0.01	0.01
ML04559		0.12	1.8	240	2.0	0.7	<0.001	0.09	0.12	0.3	0.2	<0.2	51.4	<0.01	0.01
ML04560		<0.05	17.7	290	5.7	2.7	<0.001	0.01	3.62	0.8	0.5	<0.2	7.2	<0.01	0.01
ML04561		<0.05	23.9	370	10.4	2.2	<0.001	<0.01	8.65	0.8	0.4	<0.2	6.9	<0.01	0.01
ML04562		0.05	12.2	290	3.6	3.1	<0.001	<0.01	4.50	0.8	0.5	<0.2	9.2	<0.01	<0.01
ML04563		<0.05	8.1	160	2.9	1.5	0.003	0.01	1.68	0.4	0.3	<0.2	6.2	<0.01	0.01
ML04564		<0.05	18.6	330	3.1	3.5	<0.001	<0.01	3.59	0.8	0.4	<0.2	13.5	<0.01	<0.01
ML04565		<0.05	13.0	400	5.2	2.1	0.001	0.21	4.09	0.7	1.4	<0.2	13.7	<0.01	0.01
ML04566		0.05	11.0	180	5.2	1.8	<0.001	0.01	2.28	0.5	0.9	<0.2	7.6	<0.01	0.01
ML04567		<0.05	21.9	530	10.5	4.3	0.004	0.24	4.42	1.7	1.3	0.2	77.7	<0.01	0.03
ML04568		0.05	31.1	650	14.1	6.2	0.001	0.27	3.69	2.3	1.4	0.3	61.9	<0.01	0.04
ML04569		<0.05	28.3	520	13.7	5.2	0.001	0.32	3.51	1.9	1.5	0.2	51.6	<0.01	0.03
ML04570		<0.05	16.8	340	7.3	4.4	0.001	0.22	2.21	1.1	0.9	0.2	55.9	<0.01	0.02
ML04571		<0.05	33.5	710	18.6	5.9	0.001	0.27	5.30	2.0	1.3	0.3	52.5	<0.01	0.03
ML04572		0.14	15.4	310	5.9	3.7	<0.001	<0.01	2.87	1.1	0.6	<0.2	10.4	<0.01	0.05
ML04573		0.05	21.0	310	9.3	3.7	<0.001	<0.01	4.21	1.3	0.5	<0.2	8.6	<0.01	0.10
ML04574		0.05	22.4	270	10.5	4.0	<0.001	<0.01	2.92	1.5	0.4	<0.2	7.9	<0.01	0.08
ML04575		<0.05	12.8	160	7.5	3.6	<0.001	<0.01	3.90	1.1	0.3	<0.2	5.6	<0.01	0.06
ML04576		<0.05	14.5	230	6.7	3.3	<0.001	<0.01	3.41	1.0	0.4	<0.2	10.4	<0.01	0.06
ML04577		<0.05	7.3	150	4.9	1.8	<0.001	0.01	1.69	0.6	0.2	<0.2	8.1	<0.01	0.02
ML04578		0.05	7.3	120	3.2	1.2	<0.001	0.01	1.83	0.5	<0.2	<0.2	6.5	<0.01	0.02
ML04579		<0.05	6.2	70	2.7	1.0	<0.001	<0.01	1.56	0.4	<0.2	<0.2	4.9	<0.01	0.01
ML04580		0.05	34.9	630	13.9	5.8	<0.001	<0.01	8.34	3.4	1.3	0.2	26.0	<0.01	0.04



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm	As- OG46 As %
		0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.01
ML04541		<0.005	0.03	0.60	7	3.48	3.40	57	5.3	
ML04542		<0.005	0.05	1.79	13	2.37	3.24	89	9.3	
ML04543		<0.005	0.06	1.17	14	1.28	3.26	90	9.1	
ML04544		<0.005	0.06	3.31	66	2.93	6.86	135	12.9	
ML04545		0.007	0.08	2.13	92	1.56	10.05	223	3.8	
ML04546		0.008	0.07	0.39	96	0.63	7.38	99	1.8	
ML04547		0.007	0.11	0.34	87	0.68	9.20	105	1.3	
ML04548		<0.005	0.25	0.57	52	0.52	11.35	71	0.8	
ML04549		0.005	0.08	0.22	60	0.54	6.77	68	0.7	
ML04550		0.068	0.06	0.56	116	0.54	11.60	107	1.8	
ML04551		0.267	0.05	0.71	111	0.61	8.68	97	2.0	
ML04552		0.427	<0.02	0.13	96	0.34	6.17	78	1.8	
ML04553		0.312	0.03	0.18	109	0.27	6.77	82	1.7	
ML04554		0.021	0.05	0.43	25	1.71	5.08	60	7.0	
ML04555		0.007	0.03	0.20	5	9.10	2.15	24	2.8	
ML04556		0.005	0.03	0.16	4	9.33	1.66	13	2.1	
ML04557		<0.005	0.09	0.89	11	3.36	6.20	156	10.3	
ML04558		<0.005	0.04	0.39	6	5.06	4.27	73	6.1	
ML04559		<0.005	<0.02	0.62	1	0.07	0.92	14	<0.5	
ML04560		<0.005	0.03	0.25	4	4.26	3.34	54	3.7	
ML04561		<0.005	0.05	0.59	4	5.75	5.51	104	3.0	
ML04562		<0.005	0.05	0.36	5	5.01	3.50	41	2.3	
ML04563		<0.005	0.06	0.20	2	790	1.44	21	1.4	
ML04564		<0.005	0.05	0.54	5	7.85	2.99	49	2.9	
ML04565		<0.005	0.03	0.37	4	60.7	2.40	30	2.9	
ML04566		<0.005	0.02	0.30	3	7.33	2.52	38	2.4	
ML04567		<0.005	0.10	0.38	11	690	3.96	46	6.2	
ML04568		<0.005	0.04	0.54	16	1.98	4.67	72	7.6	
ML04569		<0.005	0.04	0.46	13	29.5	4.02	66	6.8	
ML04570		<0.005	0.03	0.30	8	8.89	2.67	35	4.2	
ML04571		<0.005	0.05	0.81	17	22.7	5.07	81	8.7	
ML04572		0.005	0.03	0.68	10	3.92	1.75	38	4.8	
ML04573		<0.005	0.03	0.76	12	11.00	2.04	57	6.7	
ML04574		<0.005	0.03	0.69	11	1.52	2.18	51	8.4	
ML04575		<0.005	0.02	0.47	9	8.40	1.26	38	5.6	
ML04576		<0.005	0.02	0.66	9	2.33	1.31	44	6.8	
ML04577		<0.005	<0.02	0.37	3	12.80	0.97	18	2.5	
ML04578		<0.005	<0.02	0.42	2	4.18	0.88	11	1.9	
ML04579		<0.005	<0.02	0.34	2	8.96	0.70	9	1.8	
ML04580		<0.005	0.05	1.55	18	1.33	4.07	82	10.9	



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ML04581		0.78	0.006	0.16	0.57	55.5	<0.2	<10	110	0.15	0.15	0.08	0.39	19.20	7.5	17
ML04582		0.97	<0.005	0.10	0.20	20.0	<0.2	<10	90	0.10	0.05	0.02	0.47	15.65	8.1	9
ML04583		0.59	<0.005	0.17	0.71	28.5	<0.2	<10	160	0.27	0.17	0.08	0.15	33.7	6.7	15
ML04584		0.90	<0.005	0.21	0.49	91.8	<0.2	<10	170	0.24	0.17	0.04	0.18	30.2	7.1	13
ML04585		0.77	<0.005	0.28	0.24	75.2	<0.2	<10	120	0.16	0.15	0.02	0.12	20.8	3.7	10
ML04586		0.68	0.007	0.19	0.32	17.3	<0.2	<10	100	0.12	0.09	0.02	0.20	18.65	2.0	13
ML04587		0.63	0.005	0.26	0.40	99.5	<0.2	<10	120	0.19	0.11	0.02	0.23	23.6	3.5	14
ML04588		0.55	0.006	0.35	0.26	396	<0.2	<10	100	0.16	0.13	0.02	0.50	22.6	3.0	11
ML04589		0.56	0.106	1.37	3.40	1990	<0.2	<10	110	0.34	0.04	1.70	2.81	33.1	48.7	21
ML04590		0.36	<0.005	0.12	3.92	59.1	<0.2	<10	20	0.21	0.01	2.92	0.44	7.23	37.9	123
ML04591		0.86	<0.005	0.01	0.04	6	<0.2	<10	20	<0.05	0.02	19.45	0.05	1.41	1.3	1
ML04592		0.68	<0.005	0.15	3.19	326	<0.2	<10	120	0.16	0.08	1.47	0.68	37.2	26.3	84
ML04593		0.39	<0.005	0.12	3.32	49.3	<0.2	<10	20	0.13	0.01	2.71	0.20	7.36	31.3	96
ML04594		0.52	<0.005	0.12	0.80	119.5	<0.2	<10	60	0.13	0.06	2.18	0.32	13.90	10.3	20
ML04595		0.61	<0.005	0.14	0.43	137.5	<0.2	<10	50	0.16	0.07	0.40	0.38	10.30	7.1	14
ML04596		0.35	0.010	0.20	0.45	199.0	<0.2	<10	60	0.15	0.07	0.84	0.29	9.82	156.0	14
ML04597		0.62	0.005	0.96	0.32	169.5	<0.2	<10	90	0.25	0.21	0.19	0.43	9.06	42.0	10
ML04598		0.43	0.356	25.2	0.29	897	<0.2	<10	70	0.22	1.70	0.10	0.65	10.70	9.8	11
ML04599		0.66	0.444	44.1	0.16	847	<0.2	<10	50	0.10	6.54	0.04	0.49	16.60	4.7	11
ML04600		0.36	0.031	2.38	0.09	734	<0.2	<10	20	<0.05	0.31	0.18	0.12	7.26	11.9	11
ML04601		0.33	0.633	7.58	0.08	8250	0.3	<10	20	<0.05	0.17	0.49	0.10	5.21	97.7	11
ML04602		0.37	0.738	15.75	0.06	>10000	0.6	<10	10	<0.05	0.11	1.18	0.20	4.49	8.2	12
ML04603		0.29	0.124	1.44	0.14	3510	<0.2	<10	10	<0.05	0.05	1.02	0.10	7.14	3.9	16
ML04604		0.37	0.021	0.32	0.07	488	<0.2	<10	10	<0.05	0.02	0.91	0.06	6.72	2.7	13
ML04605		0.63	0.007	0.18	0.08	239	<0.2	<10	20	<0.05	0.02	0.52	0.06	6.15	43.9	12
ML04606		0.76	<0.005	0.13	0.15	80.7	<0.2	<10	10	<0.05	0.02	0.91	0.05	7.65	117.5	25
ML04607		1.09	<0.005	0.10	0.11	69.6	<0.2	<10	10	<0.05	0.02	0.78	0.04	6.75	47.4	21
ML04608		0.47	<0.005	0.19	0.19	150.5	<0.2	<10	40	0.12	0.05	0.17	0.16	11.40	107.0	14
ML04609		0.51	0.010	0.12	0.11	84.5	<0.2	<10	20	0.07	0.03	0.33	0.11	6.56	6.3	14
ML04610		0.67	<0.005	0.05	0.09	29.7	<0.2	<10	20	0.05	0.02	0.36	0.13	8.03	6.6	12
ML04611		1.07	<0.005	0.21	0.53	119.5	<0.2	<10	60	0.18	0.06	0.92	0.33	11.20	11.6	16
ML04612		1.10	<0.005	0.30	0.80	51.6	<0.2	<10	120	0.37	0.15	0.75	0.23	18.15	189.5	20
ML04613		1.45	<0.005	0.44	0.94	89.4	<0.2	<10	100	0.49	0.21	0.96	0.45	18.20	12.7	23
ML04614		1.50	<0.005	0.39	1.13	85.8	<0.2	<10	120	0.49	0.20	0.80	0.45	23.8	14.9	26
ML04615		0.04	0.010	0.54	1.50	203	<0.2	<10	410	0.63	0.15	0.18	0.80	37.7	14.4	27
ML04616		0.36	0.045	0.49	0.38	187.0	<0.2	<10	90	0.20	0.09	0.07	0.43	15.60	9.2	10
ML04617		1.16	0.049	0.30	0.21	95.4	<0.2	<10	80	0.14	0.08	0.04	0.14	13.70	2.9	10
ML04618		0.84	0.022	0.19	0.16	72.4	<0.2	<10	60	0.10	0.06	0.02	0.11	10.60	4.4	10
ML04619		0.41	0.014	0.40	1.04	256	<0.2	<10	170	0.42	0.22	0.13	0.42	30.0	9.0	18
ML04620		0.31	0.028	0.97	0.50	469	<0.2	<10	150	0.29	0.13	0.07	0.31	18.70	6.1	14



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		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ML04581		0.73	24.2	2.44	1.76	0.07	0.19	0.02	0.010	0.05	9.7	8.6	0.12	425	2.18
ML04582		0.55	15.7	0.90	0.55	<0.05	0.16	0.01	0.005	0.04	7.7	2.5	0.01	387	1.73
ML04583		1.50	20.6	1.89	2.20	0.08	0.29	0.02	0.016	0.09	16.2	6.1	0.07	125	1.68
ML04584		1.24	25.6	2.11	1.68	0.06	0.27	0.02	0.015	0.09	15.0	4.9	0.05	149	2.36
ML04585		0.71	24.3	1.75	0.94	0.05	0.28	0.03	0.013	0.07	10.6	2.1	0.02	110	3.60
ML04586		0.79	38.8	1.90	1.21	0.05	0.20	0.01	0.011	0.06	9.7	3.5	0.05	110	2.91
ML04587		1.45	42.9	2.17	1.64	0.06	0.24	0.02	0.015	0.07	12.2	3.8	0.03	114	3.05
ML04588		1.25	37.0	1.92	0.98	0.05	0.16	0.05	0.012	0.09	11.4	2.8	0.02	73	2.74
ML04589		4.34	246	8.94	11.30	0.16	0.07	0.02	0.066	0.10	16.1	57.9	1.79	1740	2.43
ML04590		0.85	123.0	5.51	8.21	0.17	0.08	0.01	0.023	0.01	2.9	80.3	3.44	946	1.19
ML04591		0.13	1.5	0.41	0.14	0.05	<0.02	<0.01	<0.005	0.01	0.7	1.0	12.20	200	0.30
ML04592		1.00	76.2	5.84	8.28	0.12	0.08	0.01	0.037	0.09	19.9	82.0	2.25	1040	5.17
ML04593		0.74	149.0	5.45	7.62	0.11	0.07	0.01	0.022	0.02	3.2	78.4	2.40	931	1.61
ML04594		0.59	29.4	2.06	2.35	<0.05	0.12	0.02	0.011	0.07	7.1	21.1	0.41	266	2.77
ML04595		0.55	18.3	1.39	1.21	<0.05	0.12	0.02	0.009	0.06	5.1	7.4	0.13	145	2.08
ML04596		0.62	23.3	1.78	1.19	<0.05	0.15	1.00	0.010	0.07	5.0	7.8	0.18	178	2.53
ML04597		1.33	24.9	2.70	0.89	<0.05	0.26	0.27	0.021	0.09	4.5	2.4	0.02	142	3.19
ML04598		0.99	83.0	2.23	0.76	<0.05	0.19	0.07	0.021	0.08	5.5	2.2	0.03	161	2.61
ML04599		0.80	118.5	1.02	0.50	<0.05	0.08	0.06	0.014	0.06	8.5	0.7	0.01	84	2.66
ML04600		0.23	12.5	0.65	0.31	<0.05	0.04	0.11	<0.005	0.03	3.6	1.0	0.05	83	2.02
ML04601		0.26	30.8	2.18	0.28	<0.05	0.04	0.64	0.007	0.02	2.6	1.0	0.17	138	2.09
ML04602		0.18	70.5	3.34	0.25	0.05	0.04	0.10	0.020	0.02	2.2	1.0	0.42	352	3.18
ML04603		0.16	17.9	1.25	0.45	<0.05	0.05	0.04	0.010	0.02	3.4	3.1	0.31	201	3.37
ML04604		0.10	10.2	0.76	0.27	<0.05	0.05	0.03	<0.005	0.02	3.2	0.8	0.27	114	3.02
ML04605		0.09	6.5	0.60	0.28	<0.05	0.04	0.28	<0.005	0.02	2.9	1.2	0.16	88	3.06
ML04606		0.08	26.7	0.94	0.54	<0.05	0.05	0.57	<0.005	0.01	3.7	3.1	0.24	134	10.90
ML04607		0.07	8.7	0.78	0.39	<0.05	0.05	0.34	<0.005	0.01	3.3	2.1	0.23	109	7.81
ML04608		0.46	24.9	1.02	0.64	<0.05	0.05	0.73	0.005	0.05	5.4	1.3	0.04	104	4.64
ML04609		0.14	17.3	1.22	0.34	<0.05	0.06	0.05	<0.005	0.02	3.0	0.9	0.08	103	3.77
ML04610		0.12	10.7	0.72	0.32	<0.05	0.05	0.05	<0.005	0.03	3.8	0.9	0.07	137	2.76
ML04611		0.61	23.4	1.70	1.33	<0.05	0.10	0.06	0.008	0.06	5.4	9.6	0.40	214	2.90
ML04612		1.35	16.9	1.70	2.29	0.06	0.09	0.62	0.015	0.11	8.8	3.2	0.22	134	2.27
ML04613		1.53	23.7	1.95	2.57	0.06	0.14	0.02	0.018	0.10	8.5	3.0	0.26	173	3.58
ML04614		1.60	23.1	2.04	3.11	0.07	0.15	0.04	0.020	0.12	11.6	3.9	0.23	141	2.97
ML04615		1.13	114.5	3.36	4.41	0.08	0.21	0.08	0.027	0.27	18.2	17.3	0.15	449	5.76
ML04616		0.42	66.6	1.51	1.14	<0.05	0.09	0.08	0.014	0.05	7.6	4.1	0.05	204	2.44
ML04617		0.51	20.3	0.65	0.83	<0.05	0.08	0.05	0.012	0.04	6.5	2.9	0.03	95	2.00
ML04618		0.33	37.0	0.65	0.60	<0.05	0.06	0.06	0.010	0.03	5.1	2.2	0.01	88	3.52
ML04619		1.49	88.4	3.07	2.98	0.08	0.23	0.04	0.025	0.10	14.3	13.5	0.14	168	4.16
ML04620		1.17	75.1	2.34	1.63	0.05	0.22	0.04	0.020	0.09	9.2	7.7	0.06	99	4.89



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		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
		ppm 0.05	ppm 0.2	ppm 10	ppm 0.2	ppm 0.1	ppm 0.001	% 0.01	ppm 0.05	ppm 0.1	ppm 0.2	ppm 0.2	ppm 0.2	ppm 0.01	ppm 0.01
ML04581		<0.05	23.4	420	16.3	3.0	<0.001	<0.01	2.48	2.1	0.6	<0.2	11.6	<0.01	0.03
ML04582		<0.05	18.0	110	4.2	2.6	<0.001	<0.01	1.32	1.1	0.5	<0.2	10.7	<0.01	0.01
ML04583		<0.05	22.2	540	8.4	4.7	<0.001	<0.01	3.95	1.7	0.5	0.2	23.2	<0.01	0.03
ML04584		<0.05	27.0	490	11.2	5.4	<0.001	<0.01	3.59	1.8	0.7	0.2	17.6	<0.01	0.04
ML04585		<0.05	18.0	370	10.7	4.2	0.001	<0.01	2.37	1.2	0.8	<0.2	11.5	<0.01	0.05
ML04586		<0.05	14.5	240	5.0	3.2	<0.001	<0.01	1.70	1.3	0.9	<0.2	13.1	<0.01	0.03
ML04587		<0.05	20.1	410	9.5	4.3	<0.001	0.03	4.13	1.5	0.9	<0.2	16.6	<0.01	0.03
ML04588		<0.05	15.4	260	9.7	4.8	<0.001	0.03	9.65	1.2	0.6	<0.2	14.1	<0.01	0.03
ML04589		0.15	79.6	1320	5.4	5.2	<0.001	0.01	18.85	16.1	0.6	<0.2	77.2	<0.01	0.03
ML04590		0.16	86.0	480	1.9	0.7	<0.001	0.01	2.86	14.7	0.5	0.2	129.5	<0.01	0.01
ML04591		0.11	2.0	180	1.5	0.6	<0.001	0.07	0.06	0.3	0.2	<0.2	50.9	<0.01	0.01
ML04592		0.10	58.7	1390	4.5	3.6	<0.001	0.01	5.27	7.4	0.7	<0.2	43.8	<0.01	0.03
ML04593		0.20	59.8	580	1.6	0.9	<0.001	0.01	1.52	7.2	0.4	0.2	85.0	<0.01	0.01
ML04594		<0.05	26.2	430	6.6	3.7	0.001	0.04	2.66	2.6	0.5	<0.2	62.3	<0.01	0.01
ML04595		0.05	21.1	330	5.9	3.5	0.001	0.02	3.04	1.5	0.5	<0.2	18.6	<0.01	0.02
ML04596		0.09	22.2	370	6.2	4.1	0.006	0.10	4.40	1.6	0.8	<0.2	29.9	<0.01	0.01
ML04597		<0.05	32.4	660	15.7	5.5	0.002	0.04	6.83	1.8	2.2	<0.2	25.7	<0.01	0.03
ML04598		<0.05	31.1	480	159.5	4.8	0.001	0.04	93.8	1.5	1.4	<0.2	17.3	<0.01	0.02
ML04599		<0.05	12.8	130	304	4.0	<0.001	0.03	160.5	0.6	0.7	<0.2	18.7	<0.01	0.01
ML04600		<0.05	5.9	110	16.7	1.5	0.001	0.09	9.54	0.4	0.3	<0.2	6.5	<0.01	0.01
ML04601		0.06	4.7	120	7.3	1.4	0.004	1.30	31.0	0.5	2.1	<0.2	14.6	<0.01	0.01
ML04602		0.06	5.0	100	5.1	1.1	0.001	1.67	83.6	0.6	4.6	<0.2	27.6	<0.01	0.04
ML04603		<0.05	5.5	130	4.3	1.1	0.001	0.28	9.74	0.7	0.8	<0.2	23.0	<0.01	<0.01
ML04604		<0.05	4.3	130	2.5	1.1	0.001	0.06	2.10	0.5	0.2	<0.2	17.4	<0.01	<0.01
ML04605		<0.05	4.9	120	2.5	1.1	0.002	0.03	1.23	0.4	0.2	<0.2	10.4	<0.01	<0.01
ML04606		0.05	9.0	120	2.9	0.7	0.004	0.01	0.83	0.6	<0.2	0.2	22.3	<0.01	<0.01
ML04607		0.05	6.5	110	2.8	0.7	0.002	0.03	0.67	0.5	<0.2	<0.2	18.5	<0.01	0.01
ML04608		<0.05	11.1	260	4.6	2.6	0.005	0.11	2.28	0.7	0.6	<0.2	10.3	<0.01	0.01
ML04609		0.05	9.2	330	3.7	1.1	<0.001	0.36	2.32	0.6	0.9	<0.2	13.2	<0.01	0.01
ML04610		<0.05	9.3	120	3.0	1.3	0.001	0.07	0.67	0.5	0.3	<0.2	12.2	<0.01	0.01
ML04611		0.10	23.0	370	6.5	3.5	0.001	0.13	2.97	1.5	0.8	<0.2	32.7	<0.01	0.01
ML04612		<0.05	24.7	490	9.9	6.3	0.004	0.24	3.73	2.2	1.0	0.3	33.5	<0.01	0.03
ML04613		<0.05	33.0	600	13.9	5.7	0.001	0.28	5.73	2.5	1.2	0.3	35.7	<0.01	0.03
ML04614		<0.05	35.7	630	11.7	6.8	0.001	0.33	5.35	2.7	1.3	0.3	34.5	<0.01	0.03
ML04615		0.08	46.7	520	12.1	15.8	0.001	0.02	9.16	4.4	0.8	0.4	40.6	<0.01	0.06
ML04616		0.09	24.0	360	10.2	3.3	0.001	<0.01	8.18	2.0	0.4	<0.2	29.3	<0.01	0.03
ML04617		0.07	7.8	170	8.8	2.8	<0.001	<0.01	8.29	1.2	0.2	<0.2	29.2	<0.01	0.03
ML04618		0.05	7.9	130	6.1	2.0	<0.001	<0.01	5.60	0.9	0.2	<0.2	17.1	<0.01	0.02
ML04619		<0.05	33.4	720	17.0	6.2	<0.001	<0.01	6.38	3.0	1.3	0.2	25.7	<0.01	0.04
ML04620		<0.05	32.4	750	9.8	6.0	<0.001	<0.01	5.97	2.3	1.1	<0.2	22.5	<0.01	0.05



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Project: Mount Hinton

CERTIFICATE OF ANALYSIS WH11159781

Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm	As- OG46 As %
		0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.01
ML04581		<0.005	0.02	0.50	13	6.55	3.42	52	7.7	
ML04582		<0.005	0.02	0.46	4	2.95	2.84	31	6.9	
ML04583		<0.005	0.04	0.71	12	3.94	3.07	51	11.7	
ML04584		<0.005	0.04	0.87	10	1.40	2.69	69	12.0	
ML04585		<0.005	0.03	0.62	9	4.89	1.90	58	12.9	
ML04586		<0.005	0.03	0.48	10	2.22	1.53	38	8.7	
ML04587		<0.005	0.05	0.74	11	4.07	2.12	63	9.6	
ML04588		<0.005	0.05	0.60	11	1.85	2.31	78	7.1	
ML04589		0.008	0.06	1.18	166	2.05	11.90	271	2.6	
ML04590		0.250	<0.02	0.17	122	0.31	6.00	103	1.8	
ML04591		<0.005	<0.02	0.80	2	0.17	0.91	16	<0.5	
ML04592		0.024	0.03	0.79	98	0.65	5.63	144	3.1	
ML04593		0.247	<0.02	0.17	115	0.30	4.48	77	1.2	
ML04594		0.009	0.03	0.32	22	8.09	4.27	67	4.7	
ML04595		0.007	0.03	0.31	10	5.31	3.12	49	4.8	
ML04596		0.017	0.14	0.37	12	1020	3.21	49	5.5	
ML04597		<0.005	0.07	0.78	7	240	3.39	97	12.6	
ML04598		<0.005	0.05	0.76	6	29.4	4.14	80	8.4	
ML04599		<0.005	0.04	0.34	3	11.10	1.54	45	3.3	
ML04600		<0.005	0.03	0.14	2	78.4	1.17	12	1.7	
ML04601		<0.005	0.09	0.16	2	660	1.26	10	1.6	
ML04602		<0.005	0.02	0.17	2	66.6	2.12	22	1.6	2.31
ML04603		<0.005	0.02	0.23	3	30.9	1.91	13	2.0	
ML04604		<0.005	<0.02	0.18	2	21.9	1.53	8	2.0	
ML04605		<0.005	0.04	0.20	2	270	1.11	9	1.7	
ML04606		<0.005	0.07	0.18	3	730	1.53	9	1.9	
ML04607		<0.005	0.05	0.16	3	350	1.35	9	1.9	
ML04608		<0.005	0.10	0.28	3	850	1.49	24	2.2	
ML04609		<0.005	0.02	0.28	2	38.1	1.67	19	2.3	
ML04610		<0.005	0.02	0.18	2	38.1	1.49	23	1.8	
ML04611		0.019	0.03	0.41	14	37.0	3.25	56	3.9	
ML04612		<0.005	0.11	0.44	12	800	3.52	47	3.7	
ML04613		<0.005	0.04	0.56	15	11.85	4.52	66	6.1	
ML04614		<0.005	0.05	0.59	16	29.9	4.57	82	6.4	
ML04615		0.005	0.14	1.87	32	32.7	6.11	142	10.4	
ML04616		<0.005	0.04	1.35	9	37.0	3.23	69	4.7	
ML04617		<0.005	0.04	0.58	6	11.15	1.89	15	3.6	
ML04618		<0.005	0.03	0.55	4	27.4	1.31	16	2.6	
ML04619		<0.005	0.07	1.63	19	6.87	5.24	138	10.3	
ML04620		<0.005	0.06	1.76	12	14.10	3.91	74	10.3	



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CERTIFICATE OF ANALYSIS WH11159781

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1
ML04621		0.29	0.024	1.02	0.45	456	<0.2	<10	130	0.26	0.15	0.07	0.29	17.00	5.1	13
ML04622		0.66	0.013	0.37	0.32	207	<0.2	<10	100	0.16	0.13	0.06	0.14	12.35	4.0	13
ML04623		0.62	0.007	0.33	0.25	135.5	<0.2	<10	100	0.15	0.11	0.03	0.11	15.05	2.7	11
ML04624		0.97	0.015	0.31	0.39	242	<0.2	<10	110	0.22	0.12	0.10	0.30	16.75	6.8	11
ML04625		0.72	0.009	0.22	0.45	138.0	<0.2	<10	60	0.13	0.08	0.04	0.53	10.05	10.9	13
ML04626		1.19	0.012	0.31	0.65	121.0	<0.2	<10	100	0.18	0.13	0.04	0.18	17.20	4.6	12
ML04627		0.88	0.066	0.59	0.64	639	<0.2	<10	100	0.22	0.12	0.04	0.23	23.0	2.6	10
ML04628		0.63	0.108	2.89	0.39	831	<0.2	<10	150	0.28	0.20	0.05	0.58	19.70	3.4	11
ML04629		0.85	0.008	0.35	0.56	261	<0.2	<10	120	0.23	0.13	0.06	0.72	18.15	5.1	13
ML04630		1.02	<0.005	0.01	0.05	6	<0.2	<10	20	<0.05	0.01	19.55	0.05	1.57	1.2	1
ML04631		0.86	0.010	0.35	0.67	248	<0.2	<10	90	0.22	0.17	0.12	0.25	9.51	3.9	20
ML04632		0.60	0.023	1.05	1.49	246	<0.2	<10	110	0.19	0.20	0.72	0.68	10.50	14.7	61
ML04633		0.60	0.005	0.67	2.35	137.0	<0.2	<10	40	0.10	0.03	4.79	0.78	10.40	28.9	104
ML04634		0.72	0.009	0.47	1.72	132.5	<0.2	<10	50	0.10	0.03	6.73	0.71	15.95	26.6	54



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CERTIFICATE OF ANALYSIS WH11159781

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ML04621		1.08	75.1	2.31	1.54	0.05	0.21	0.03	0.020	0.08	8.4	6.8	0.06	90	4.92
ML04622		0.61	32.4	1.97	1.22	0.05	0.20	0.03	0.013	0.07	6.0	4.4	0.05	72	3.97
ML04623		0.58	13.8	1.51	1.06	<0.05	0.21	0.02	0.010	0.07	7.5	3.0	0.03	53	3.77
ML04624		0.70	35.6	3.03	1.19	0.06	0.21	0.02	0.014	0.08	8.2	3.8	0.04	1310	3.46
ML04625		0.35	44.8	4.74	1.46	0.06	0.09	0.01	0.009	0.05	4.9	7.7	0.10	3830	3.11
ML04626		0.53	54.4	2.34	2.23	0.05	0.17	0.03	0.017	0.10	8.9	12.2	0.22	357	4.73
ML04627		0.97	44.2	2.49	2.02	0.05	0.13	0.03	0.011	0.17	11.5	9.4	0.17	180	2.01
ML04628		1.09	49.7	2.36	1.51	0.05	0.30	0.08	0.022	0.14	10.9	5.5	0.08	144	14.15
ML04629		0.51	44.5	2.30	1.80	0.05	0.27	0.03	0.013	0.12	9.9	13.2	0.25	332	7.53
ML04630		0.14	1.2	0.38	0.26	0.10	<0.02	<0.01	<0.005	0.03	0.7	1.2	12.10	182	0.09
ML04631		0.69	32.6	2.31	2.74	0.07	0.36	0.02	0.019	0.09	4.8	15.0	0.25	111	8.78
ML04632		0.67	53.4	3.49	4.40	0.07	0.31	0.01	0.022	0.11	5.1	43.5	0.85	338	3.65
ML04633		0.91	96.8	5.56	6.82	0.08	0.05	0.01	0.043	0.06	4.4	67.5	2.64	1000	2.13
ML04634		1.11	53.1	5.12	4.21	0.07	0.04	<0.01	0.034	0.09	8.3	45.7	2.26	963	2.08



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CERTIFICATE OF ANALYSIS WH11159781

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ML04621		<0.05	32.3	750	10.2	5.2	<0.001	<0.01	6.00	2.2	1.1	<0.2	20.7	<0.01	0.05	4.7
ML04622		<0.05	15.4	330	8.9	4.2	<0.001	<0.01	3.30	1.6	1.0	<0.2	16.6	<0.01	0.04	3.3
ML04623		<0.05	18.8	180	9.3	4.5	<0.001	<0.01	3.06	1.2	0.8	<0.2	15.9	<0.01	0.03	3.4
ML04624		<0.05	32.7	890	10.6	5.1	<0.001	<0.01	4.13	2.2	1.2	<0.2	20.3	<0.01	0.03	4.2
ML04625		<0.05	33.5	320	6.4	2.9	<0.001	<0.01	4.14	1.8	0.8	<0.2	12.6	<0.01	0.04	2.6
ML04626		<0.05	20.6	470	6.1	5.8	0.001	<0.01	6.94	1.9	0.7	<0.2	18.1	<0.01	0.06	3.9
ML04627		<0.05	14.0	280	6.0	8.7	<0.001	0.13	10.10	1.1	0.6	<0.2	23.0	<0.01	0.02	9.7
ML04628		<0.05	18.5	450	14.4	7.7	0.001	0.06	20.9	1.3	2.2	0.2	31.2	<0.01	0.12	5.4
ML04629		<0.05	26.4	400	8.6	5.8	0.001	0.03	6.58	1.2	1.7	<0.2	22.0	<0.01	0.04	5.8
ML04630		0.09	1.8	330	1.6	1.3	<0.001	0.01	0.08	0.3	0.2	<0.2	54.8	<0.01	<0.01	<0.2
ML04631		<0.05	22.1	650	8.4	5.1	0.001	0.03	4.92	1.6	3.6	<0.2	34.1	<0.01	0.06	5.3
ML04632		<0.05	48.6	660	6.0	5.6	0.001	0.03	5.79	4.4	1.5	<0.2	25.2	<0.01	0.04	5.5
ML04633		0.07	87.6	540	12.4	2.8	<0.001	0.01	3.53	17.4	0.4	<0.2	102.0	<0.01	0.01	1.0
ML04634		0.10	69.5	1870	9.4	3.6	<0.001	0.16	5.70	12.1	0.5	<0.2	174.0	<0.01	0.01	2.3



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm	As- OG46 As %
		0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.01
ML04621		<0.005	0.05	1.76	11	6.06	3.75	75	10.1	
ML04622		<0.005	0.04	0.53	9	15.85	2.06	50	9.3	
ML04623		<0.005	0.03	0.42	7	5.49	1.86	54	9.0	
ML04624		<0.005	0.04	0.70	10	8.85	3.70	73	9.8	
ML04625		<0.005	0.02	0.44	14	6.43	3.65	58	4.3	
ML04626		<0.005	0.04	0.83	15	11.55	2.25	66	8.1	
ML04627		<0.005	0.06	0.75	7	5.07	1.98	68	6.2	
ML04628		<0.005	0.11	1.14	34	12.25	3.61	163	14.7	
ML04629		<0.005	0.06	0.79	26	5.47	3.18	177	12.1	
ML04630		<0.005	<0.02	0.55	2	2.28	1.04	14	<0.5	
ML04631		<0.005	0.05	1.02	41	4.68	3.33	107	16.6	
ML04632		<0.005	0.05	0.64	45	3.28	4.66	106	14.1	
ML04633		<0.005	0.02	0.36	91	2.63	7.89	112	1.7	
ML04634		<0.005	0.03	0.24	49	1.18	7.96	85	1.2	



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Method	CERTIFICATE COMMENTS
ME- MS41 ME- MS41	Interference: Ca> 10% on ICP- MS As,ICP- AES results shown. Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).



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Project: Mount Hinton

P.O. No.:

This report is for 135 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 15- AUG- 2011.

The following have access to data associated with this certificate:

DOUG EATON

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
CRU- QC	Crushing QC Test
SPL- 22Y	Split Sample - Boyd Rotary Splitter
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- MS41	51 anal. aqua regia ICPMS	

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ML04635		1.03	<0.005	0.27	2.25	108.5	<0.2	<10	70	0.22	0.02	5.34	0.50	29.7	32.5	87
ML04636		1.15	0.014	1.73	3.00	306	<0.2	<10	20	0.10	0.05	5.22	0.79	9.07	38.3	28
ML04637		0.94	0.010	0.96	2.52	609	<0.2	<10	120	0.20	0.03	3.00	0.71	30.5	23.7	43
ML04638		0.85	0.106	11.85	1.52	2480	<0.2	<10	60	0.17	0.05	5.42	0.39	5.34	30.6	54
ML04639		1.12	0.116	5.29	0.30	3110	<0.2	<10	40	0.12	0.20	0.65	1.16	9.47	9.4	16
ML04640		1.23	0.134	4.07	0.27	2130	<0.2	<10	60	0.10	0.09	0.33	0.87	10.45	5.2	12
ML04641		1.07	0.033	0.85	0.11	568	<0.2	<10	30	<0.05	0.02	0.08	0.13	7.81	1.6	13
ML04642		0.56	0.155	1.40	0.14	1505	<0.2	<10	60	0.08	0.07	0.04	0.33	7.56	1.4	15
ML04643		1.07	0.176	1.72	0.18	2430	<0.2	<10	60	0.10	0.08	0.05	0.36	9.41	1.8	13
ML04644		0.94	0.378	30.5	0.59	3910	<0.2	<10	130	0.31	1.31	0.92	0.41	25.0	10.6	15
ML04645		1.13	0.226	2.03	0.53	1575	<0.2	<10	60	0.24	0.12	0.36	0.23	12.50	6.3	16
ML04646		1.31	0.076	1.85	0.31	1010	<0.2	<10	70	0.19	0.05	0.06	0.14	17.90	3.3	15
ML04647		1.20	0.007	0.39	0.85	352	<0.2	<10	80	0.38	0.14	0.67	0.25	22.0	4.4	23
ML04648		1.00	0.114	0.36	0.77	254	<0.2	<10	80	0.33	0.12	0.36	0.16	21.6	6.1	22
ML04649		1.18	0.049	0.41	0.37	549	<0.2	<10	40	0.12	0.04	0.52	0.11	10.00	6.2	20
ML04650		1.08	0.056	0.20	1.23	650	<0.2	<10	80	0.37	0.12	1.24	0.11	15.05	8.9	25
ML04651		1.73	0.039	0.49	1.08	677	<0.2	<10	60	0.23	0.06	1.10	0.10	13.40	10.2	30
ML04652		1.85	0.166	1.79	0.69	1795	<0.2	<10	60	0.21	0.10	1.52	0.16	14.70	11.9	20
ML04653		1.62	0.009	0.24	1.03	97.5	<0.2	<10	80	0.29	0.11	0.68	0.30	22.0	9.4	23
ML04654		0.27	0.006	0.15	0.66	53.8	<0.2	<10	40	0.13	0.03	2.62	0.06	13.35	8.0	24
ML04655		1.20	0.017	0.24	0.33	232	<0.2	<10	50	0.08	0.02	5.24	0.05	7.22	3.0	21
ML04656		0.55	0.012	0.74	0.76	147.0	<0.2	<10	90	0.26	0.14	0.38	0.19	17.70	7.3	31
ML04657		0.82	0.008	0.31	0.83	48.9	<0.2	<10	100	0.29	0.19	0.12	0.26	26.2	8.9	27
ML04658		1.17	<0.005	0.25	0.60	48.0	<0.2	<10	100	0.36	0.19	0.08	0.89	41.4	24.2	14
ML04659		0.86	0.006	0.33	0.56	63.8	<0.2	<10	110	0.37	0.21	0.06	1.74	43.1	65.9	10
ML04660		0.51	<0.005	0.48	0.70	89.3	<0.2	<10	110	0.49	0.18	0.07	1.45	37.2	91.5	14
ML04661		0.33	<0.005	0.20	0.59	44.2	<0.2	<10	80	0.49	0.25	0.06	0.67	47.2	30.1	7
ML04662		0.60	<0.005	0.07	1.26	14.0	<0.2	<10	90	0.28	0.31	0.12	0.22	53.2	18.5	13
ML04663		1.06	<0.005	0.07	1.02	12.8	<0.2	<10	70	0.23	0.30	0.76	0.09	37.6	12.4	13
ML04664		0.51	<0.005	0.13	0.44	18.1	<0.2	<10	50	0.24	0.29	0.06	0.67	52.2	20.1	7
ML04665		0.68	<0.005	0.13	0.70	12.6	<0.2	<10	60	0.26	0.28	0.06	0.73	57.2	21.2	11
ML04666		0.54	<0.005	0.02	0.05	<2	<0.2	<10	20	0.05	0.01	19.60	0.05	1.65	0.7	1
ML04667		0.44	<0.005	0.13	1.26	23.1	<0.2	<10	60	0.35	0.25	0.09	0.51	54.2	24.4	13
ML04668		1.07	<0.005	0.23	0.77	29.1	<0.2	<10	50	0.49	0.30	0.13	0.48	45.8	26.3	8
ML04669		1.00	<0.005	0.25	0.63	27.7	<0.2	<10	50	0.39	0.39	0.06	0.60	47.4	18.8	8
ML04670		0.57	<0.005	0.16	0.35	17.3	<0.2	<10	50	0.31	0.33	0.09	0.67	44.4	20.8	8
ML04671		1.06	<0.005	0.10	1.17	10.9	<0.2	<10	40	0.26	0.20	0.09	0.29	32.1	16.1	15
ML04672		1.36	<0.005	0.10	0.76	7.7	<0.2	<10	40	0.16	0.20	0.07	0.29	22.1	10.5	13
ML04673		1.39	<0.005	0.16	0.99	9.9	<0.2	<10	60	0.25	0.24	0.04	0.55	27.7	12.7	14
ML04674		0.54	0.009	0.34	0.58	7.5	<0.2	<10	140	0.18	0.18	0.03	0.31	21.4	6.3	13



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ML04635		1.16	51.0	5.42	6.44	<0.05	0.02	<0.01	0.044	0.10	15.1	70.7	2.56	1100	2.19
ML04636		1.20	219	7.58	8.88	<0.05	0.02	<0.01	0.082	0.05	3.9	83.4	2.52	1340	4.30
ML04637		0.94	89.7	5.13	6.25	0.05	0.04	<0.01	0.050	0.13	14.6	68.5	1.97	967	3.84
ML04638		2.40	126.0	5.83	3.20	<0.05	<0.02	0.01	0.060	0.17	2.2	28.9	2.43	1170	1.09
ML04639		1.00	59.1	2.16	0.75	<0.05	0.05	0.01	0.016	0.07	4.6	3.7	0.20	234	2.68
ML04640		0.92	34.6	1.63	0.64	<0.05	0.09	<0.01	0.011	0.08	5.3	2.3	0.12	122	2.01
ML04641		0.32	8.0	0.64	0.33	<0.05	0.05	<0.01	<0.005	0.04	4.1	0.7	0.03	50	1.95
ML04642		1.10	11.1	1.38	0.43	<0.05	0.06	0.01	0.007	0.07	4.0	1.0	0.01	57	3.37
ML04643		1.03	17.9	1.27	0.45	<0.05	0.05	0.01	0.011	0.07	4.8	0.8	0.01	63	2.50
ML04644		1.79	69.3	3.49	1.40	<0.05	0.15	0.04	0.039	0.14	11.9	8.2	0.25	227	2.59
ML04645		1.11	32.9	2.48	1.42	0.07	0.08	<0.01	0.015	0.08	6.1	11.0	0.24	123	3.30
ML04646		1.06	23.2	1.35	0.82	0.06	0.09	0.01	0.008	0.08	8.4	3.6	0.05	48	2.05
ML04647		0.98	15.3	1.98	2.22	0.07	0.14	<0.01	0.016	0.09	10.3	6.1	0.30	127	1.76
ML04648		1.06	14.0	1.80	2.14	0.08	0.13	<0.01	0.020	0.09	9.8	5.7	0.15	121	1.85
ML04649		0.68	24.2	1.54	0.93	0.07	0.07	<0.01	0.011	0.06	4.9	4.2	0.16	132	3.62
ML04650		1.08	16.9	2.64	3.10	<0.05	0.11	0.01	0.017	0.12	7.2	18.6	0.50	166	2.08
ML04651		1.02	35.9	3.62	2.92	<0.05	0.17	0.01	0.013	0.10	6.7	25.1	0.53	135	3.04
ML04652		1.38	44.8	2.81	1.77	<0.05	0.21	<0.01	0.012	0.11	7.6	16.0	0.50	164	5.29
ML04653		1.41	26.0	2.17	2.61	<0.05	0.19	0.01	0.014	0.12	10.9	21.9	0.41	106	4.39
ML04654		0.50	35.3	2.09	1.89	<0.05	0.08	0.01	0.017	0.05	6.7	11.0	0.39	237	3.16
ML04655		0.80	22.1	3.56	1.13	<0.05	0.04	0.01	0.025	0.01	3.6	4.8	1.22	602	3.06
ML04656		0.59	31.5	2.08	2.21	<0.05	0.03	0.01	0.015	0.06	8.3	9.1	0.24	262	2.75
ML04657		0.59	30.3	2.40	2.34	<0.05	0.03	0.02	0.020	0.09	12.3	8.9	0.15	324	2.21
ML04658		0.48	35.5	2.88	1.60	0.05	0.14	0.03	0.020	0.12	20.3	8.0	0.08	769	2.27
ML04659		0.58	44.1	3.27	1.15	<0.05	0.17	0.03	0.019	0.12	20.7	9.2	0.04	1720	3.15
ML04660		0.65	63.5	3.94	1.61	<0.05	0.15	0.04	0.015	0.11	17.4	13.2	0.08	1200	5.05
ML04661		0.69	45.6	4.54	1.24	0.05	0.29	0.03	0.015	0.14	23.0	4.7	0.04	526	3.12
ML04662		0.48	34.5	3.43	3.49	0.05	0.18	0.01	0.013	0.22	23.8	42.6	0.39	819	1.73
ML04663		0.34	26.0	2.89	2.75	<0.05	0.14	0.01	0.011	0.20	18.7	33.2	0.43	585	1.67
ML04664		0.41	37.4	3.03	1.18	0.05	0.35	0.02	0.015	0.14	26.4	8.5	0.08	434	2.07
ML04665		0.36	51.2	3.40	1.91	<0.05	0.34	0.03	0.015	0.16	28.3	22.0	0.22	606	2.15
ML04666		0.16	1.5	0.42	0.15	<0.05	<0.02	<0.01	<0.005	0.03	0.8	1.2	12.45	208	0.19
ML04667		0.55	38.4	2.69	2.37	0.06	0.31	0.03	0.022	0.17	26.8	20.4	0.18	344	2.06
ML04668		0.80	49.6	2.39	1.02	0.05	0.42	0.03	0.021	0.16	21.9	3.6	0.04	352	3.15
ML04669		0.58	63.8	3.35	0.97	0.05	0.39	0.03	0.025	0.16	23.1	2.1	0.02	331	3.72
ML04670		0.49	54.9	3.30	0.92	<0.05	0.36	0.02	0.024	0.16	21.2	2.4	0.03	801	3.85
ML04671		0.42	42.3	3.43	3.23	0.05	0.35	0.01	0.019	0.15	16.3	39.1	0.41	505	2.41
ML04672		0.26	28.4	2.30	1.94	<0.05	0.28	<0.01	0.013	0.12	10.1	23.0	0.25	330	2.64
ML04673		0.29	31.6	2.60	2.57	<0.05	0.26	0.02	0.012	0.13	13.0	31.7	0.30	420	2.02
ML04674		0.32	49.2	2.09	1.65	<0.05	0.26	0.07	0.017	0.11	10.4	14.7	0.16	96	4.28



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CERTIFICATE OF ANALYSIS WH11159782

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ML04635		<0.05	97.1	1860	6.7	4.0	0.001	0.03	4.38	14.9	0.3	<0.2	163.0	<0.01	0.01	2.0
ML04636		<0.05	52.3	910	21.5	2.6	<0.001	0.34	7.52	21.3	1.0	<0.2	130.0	<0.01	0.01	0.7
ML04637		0.08	46.8	1540	2.8	5.7	0.001	0.15	6.64	8.4	0.6	<0.2	62.5	<0.01	0.02	3.4
ML04638		<0.05	74.0	600	2.6	9.7	<0.001	0.92	45.5	11.7	1.0	<0.2	98.0	<0.01	0.02	0.3
ML04639		<0.05	23.1	310	3.9	3.8	<0.001	0.28	26.5	2.2	0.9	<0.2	28.4	<0.01	0.02	2.4
ML04640		<0.05	16.3	240	3.0	4.3	<0.001	0.17	18.45	1.2	0.8	<0.2	32.6	<0.01	<0.01	4.0
ML04641		<0.05	4.3	70	1.1	2.1	<0.001	0.04	4.28	0.4	<0.2	<0.2	6.7	<0.01	0.01	1.1
ML04642		<0.05	4.8	110	18.8	4.3	<0.001	0.10	19.05	0.4	0.6	<0.2	38.5	<0.01	0.02	1.2
ML04643		<0.05	10.3	280	35.3	4.2	<0.001	0.14	18.80	0.5	0.7	0.2	29.3	<0.01	0.02	2.0
ML04644		<0.05	46.0	960	36.3	7.9	<0.001	1.09	93.4	2.0	1.4	0.2	57.3	<0.01	0.08	8.9
ML04645		<0.05	19.3	470	5.4	4.5	0.001	0.46	10.60	1.2	0.9	<0.2	28.9	<0.01	0.02	5.9
ML04646		0.07	9.5	370	1.9	4.4	0.001	0.10	8.73	0.7	0.4	<0.2	20.4	<0.01	<0.01	4.8
ML04647		<0.05	14.7	640	5.4	4.5	<0.001	0.04	5.76	1.6	0.5	0.2	23.7	<0.01	0.03	7.3
ML04648		<0.05	17.3	500	3.7	5.1	<0.001	0.07	4.97	1.7	1.5	0.2	19.6	<0.01	0.01	6.2
ML04649		<0.05	16.2	270	1.6	3.4	<0.001	0.52	4.98	0.8	0.7	<0.2	16.5	<0.01	0.01	3.8
ML04650		<0.05	29.3	700	5.5	6.3	<0.001	0.96	4.42	2.7	1.1	0.2	46.2	<0.01	0.02	6.4
ML04651		<0.05	44.2	780	2.0	5.0	0.005	2.05	4.65	3.5	4.6	<0.2	36.5	<0.01	0.05	5.7
ML04652		<0.05	52.7	520	3.7	5.9	0.008	1.86	13.05	2.2	2.9	<0.2	54.3	<0.01	0.04	5.8
ML04653		<0.05	50.5	560	2.4	5.9	0.008	0.66	3.96	1.9	2.9	<0.2	28.8	<0.01	0.03	7.2
ML04654		<0.05	15.0	450	1.7	2.8	<0.001	0.47	1.91	1.7	2.1	<0.2	69.4	<0.01	0.03	3.4
ML04655		0.05	4.5	310	2.1	0.8	<0.001	0.33	2.44	0.9	1.1	0.2	122.5	<0.01	0.01	1.2
ML04656		0.15	29.3	430	8.8	3.8	<0.001	0.06	4.85	2.1	1.0	0.2	20.7	<0.01	0.03	3.8
ML04657		0.13	31.0	450	12.4	4.7	<0.001	0.03	2.98	2.2	0.9	0.2	17.3	<0.01	0.02	5.4
ML04658		0.09	56.8	480	16.5	5.9	<0.001	0.02	2.64	2.9	1.2	0.2	11.4	<0.01	0.04	8.9
ML04659		0.05	94.7	470	18.1	5.4	<0.001	0.02	3.00	2.8	1.4	0.2	9.5	<0.01	0.04	10.6
ML04660		0.05	101.0	580	19.5	5.7	<0.001	0.03	4.16	3.5	2.1	0.2	11.2	<0.01	0.04	9.8
ML04661		<0.05	91.1	580	32.0	6.4	<0.001	0.04	2.34	4.1	1.2	0.2	9.1	<0.01	0.05	12.1
ML04662		<0.05	43.5	380	16.1	10.3	<0.001	0.09	0.71	2.1	0.7	0.2	12.0	<0.01	0.05	12.0
ML04663		<0.05	28.1	330	19.4	8.4	<0.001	0.07	0.48	1.8	0.7	0.2	25.7	<0.01	0.03	9.6
ML04664		<0.05	54.5	390	25.3	6.0	<0.001	0.02	1.19	2.3	0.9	<0.2	7.4	<0.01	0.06	12.6
ML04665		<0.05	57.7	530	16.8	6.4	<0.001	0.02	0.94	2.4	0.9	0.2	8.4	<0.01	0.06	12.8
ML04666		0.07	2.1	240	1.3	1.3	<0.001	0.03	0.05	0.3	0.3	<0.2	84.4	<0.01	<0.01	0.2
ML04667		<0.05	64.9	540	19.1	7.2	<0.001	0.02	1.31	2.7	0.6	0.2	8.4	<0.01	0.06	13.1
ML04668		<0.05	71.9	610	26.5	7.0	<0.001	0.02	2.06	3.0	1.2	0.2	11.3	<0.01	0.04	11.6
ML04669		<0.05	56.9	670	27.0	6.6	<0.001	0.03	1.82	3.3	1.0	0.2	11.4	<0.01	0.07	13.0
ML04670		<0.05	58.3	590	24.2	6.4	<0.001	0.03	1.50	3.3	1.3	0.2	9.6	<0.01	0.06	12.2
ML04671		<0.05	39.1	510	16.5	6.7	<0.001	0.05	0.85	2.6	0.6	0.2	12.1	<0.01	0.04	9.0
ML04672		<0.05	23.8	280	16.5	4.8	<0.001	0.05	0.53	1.7	0.9	<0.2	7.4	<0.01	0.03	5.7
ML04673		<0.05	33.3	320	14.5	5.3	<0.001	0.03	0.86	1.7	0.9	0.2	6.6	<0.01	0.01	7.4
ML04674		<0.05	27.0	430	9.2	5.0	<0.001	0.01	1.01	1.3	2.5	<0.2	7.6	<0.01	0.09	5.0



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ML04635		<0.005	0.03	0.24	71	0.46	7.46	98	0.6
ML04636		0.005	0.03	0.26	138	0.88	7.08	153	0.8
ML04637		0.005	0.07	0.65	76	0.83	6.66	106	1.5
ML04638		<0.005	0.11	0.24	50	0.61	7.61	72	<0.5
ML04639		<0.005	0.04	0.67	9	3.47	4.02	54	2.0
ML04640		<0.005	0.05	0.57	6	2.38	2.48	30	3.4
ML04641		<0.005	0.02	0.13	2	4.85	0.76	7	1.6
ML04642		<0.005	0.07	0.38	4	3.52	0.97	19	2.7
ML04643		<0.005	0.06	0.72	3	2.61	2.10	20	1.6
ML04644		<0.005	0.10	1.51	10	1.18	6.14	70	6.8
ML04645		<0.005	0.05	0.62	9	3.07	3.28	44	3.7
ML04646		<0.005	0.04	0.61	5	4.95	2.27	20	3.1
ML04647		<0.005	0.04	0.75	12	1.53	3.74	39	5.9
ML04648		<0.005	0.04	0.57	12	2.36	3.45	36	5.6
ML04649		<0.005	0.03	0.51	6	6.13	2.57	23	2.8
ML04650		<0.005	0.05	1.15	20	1.97	4.83	47	4.4
ML04651		<0.005	0.05	1.43	28	2.57	5.59	41	6.9
ML04652		<0.005	0.05	1.72	13	2.78	6.30	43	8.7
ML04653		<0.005	0.05	1.71	17	1.10	5.03	55	7.9
ML04654		<0.005	0.02	0.99	11	5.73	3.97	21	3.2
ML04655		<0.005	<0.02	0.66	5	5.39	3.65	33	1.4
ML04656		0.006	0.03	0.66	17	1.03	2.84	49	1.5
ML04657		0.007	0.05	0.78	18	0.45	3.78	67	1.6
ML04658		0.005	0.07	1.20	11	0.59	8.48	138	7.6
ML04659		<0.005	0.17	1.79	7	0.87	10.05	177	9.6
ML04660		<0.005	0.17	2.00	9	0.57	10.35	186	10.5
ML04661		<0.005	0.06	1.98	6	0.33	11.90	204	13.4
ML04662		<0.005	0.06	0.54	9	0.59	5.56	102	7.6
ML04663		<0.005	0.05	0.56	7	0.75	4.58	63	6.1
ML04664		<0.005	0.07	1.21	4	0.75	8.16	146	14.5
ML04665		<0.005	0.06	0.75	7	0.70	9.98	131	13.9
ML04666		<0.005	<0.02	0.59	2	0.05	1.06	14	<0.5
ML04667		<0.005	0.06	1.13	9	0.82	7.28	105	16.6
ML04668		<0.005	0.06	1.69	5	0.89	8.75	136	19.0
ML04669		<0.005	0.07	1.49	6	0.90	10.65	133	17.0
ML04670		<0.005	0.07	0.94	5	1.27	11.55	124	15.7
ML04671		<0.005	0.04	1.10	10	1.08	5.90	92	14.3
ML04672		<0.005	0.04	0.79	7	2.19	3.75	60	11.2
ML04673		<0.005	0.05	1.21	7	1.21	3.24	83	9.7
ML04674		<0.005	0.04	0.96	16	1.17	2.75	116	9.8



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CERTIFICATE OF ANALYSIS WH11159782

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ML04675		0.65	0.008	0.21	0.67	8.6	<0.2	<10	160	0.15	0.20	0.02	0.08	20.2	5.6	17
ML04676		1.35	0.008	0.20	0.87	21.8	<0.2	<10	100	0.25	0.23	0.05	0.18	29.2	9.8	22
ML04677		0.80	<0.005	0.12	0.29	15.2	<0.2	<10	50	0.21	0.19	0.03	0.37	33.0	8.6	8
ML04678		0.74	<0.005	0.06	0.31	24.8	<0.2	<10	50	0.15	0.18	0.01	0.04	41.0	2.2	7
ML04679		0.65	0.007	0.10	0.28	49.6	<0.2	<10	50	0.15	0.18	0.02	0.09	34.5	6.3	4
ML04680		0.91	0.012	0.11	0.28	140.0	<0.2	<10	50	0.14	0.16	0.03	0.15	29.8	5.2	5
ML04681		0.53	0.007	0.42	0.29	69.1	<0.2	<10	50	0.17	0.17	0.02	0.10	38.9	5.6	5
ML04682		0.61	0.015	0.19	0.24	33.9	<0.2	<10	50	0.15	0.13	0.01	0.07	18.10	4.9	5
ML04683		1.07	0.005	0.18	0.42	32.3	<0.2	<10	100	0.18	0.14	0.01	0.08	23.5	4.2	10
ML04684		1.26	<0.005	0.19	0.38	15.4	<0.2	<10	70	0.12	0.09	0.01	0.08	17.25	2.6	10
ML04685		1.57	<0.005	0.20	0.33	10.1	<0.2	<10	80	0.13	0.08	0.01	0.06	14.40	3.1	9
ML04686		1.04	<0.005	0.19	0.38	9.0	<0.2	<10	110	0.19	0.09	0.01	0.09	16.60	3.2	10
ML04687		0.42	<0.005	0.14	0.45	7.6	<0.2	<10	60	0.15	0.09	0.03	0.05	13.05	2.6	11
ML04688		0.42	0.031	0.99	0.42	167.0	<0.2	<10	80	0.17	0.14	0.05	0.12	16.85	4.4	15
ML04689		0.64	0.023	0.82	0.50	147.5	<0.2	<10	90	0.17	0.12	0.03	0.13	11.05	3.9	14
ML04690		1.28	0.011	0.43	1.09	75.1	<0.2	<10	90	0.28	0.15	0.08	0.37	28.2	11.6	88
ML04691		0.60	<0.005	0.13	0.50	28.1	<0.2	<10	80	0.34	0.24	0.04	0.71	46.6	14.1	13
ML04692		0.40	<0.005	0.12	1.13	68.1	<0.2	<10	60	0.32	0.18	0.13	0.56	33.1	21.2	112
ML04693		0.84	<0.005	0.12	0.30	23.1	<0.2	<10	70	0.21	0.25	0.02	0.69	38.7	16.6	10
ML04694		0.73	<0.005	0.08	0.48	13.8	<0.2	<10	50	0.21	0.15	0.04	0.47	43.4	12.4	12
ML04695		0.48	<0.005	0.13	0.74	34.5	<0.2	<10	100	0.41	0.26	0.05	0.77	39.9	37.3	12
ML04696		0.97	<0.005	0.20	0.98	29.4	<0.2	<10	90	0.30	0.17	0.07	0.61	53.0	25.8	31
ML04697		0.59	0.005	0.16	0.30	21.3	<0.2	<10	60	0.25	0.20	0.02	0.38	39.4	16.4	11
ML04698		0.66	<0.005	0.11	0.53	20.4	<0.2	<10	80	0.25	0.32	0.17	0.56	48.9	19.9	11
ML04699		1.28	0.005	0.08	1.19	45.8	<0.2	<10	90	0.30	0.25	0.30	0.12	47.2	12.7	16
ML04700		0.98	<0.005	0.06	0.84	11.8	<0.2	<10	60	0.20	0.24	0.74	0.11	39.8	10.2	11
ML04701		0.84	<0.005	0.08	0.78	8.0	<0.2	<10	50	0.21	0.20	0.08	0.33	47.0	11.2	13
ML04702		0.79	<0.005	0.03	0.05	<2	<0.2	<10	10	0.06	0.02	19.45	0.06	1.59	0.7	<1
ML04703		0.96	<0.005	0.11	0.42	8.7	<0.2	<10	50	0.18	0.20	0.85	0.32	32.9	9.0	9
ML04704		0.49	<0.005	0.15	0.69	23.3	<0.2	<10	70	0.31	0.38	0.15	0.68	59.5	15.3	9
ML04705		0.76	<0.005	0.14	0.31	23.4	<0.2	<10	50	0.23	0.26	1.24	0.44	27.5	15.1	9
ML04706		0.84	0.014	0.23	0.50	92.4	<0.2	<10	60	0.24	0.35	0.47	0.70	31.1	21.9	9
ML04707		0.74	0.007	0.21	0.29	66.5	<0.2	<10	40	0.23	0.22	2.45	0.47	19.55	15.9	7
ML04708		0.90	<0.005	0.17	0.67	33.1	<0.2	<10	80	0.22	0.27	0.06	0.36	33.5	12.9	11
ML04709		0.89	0.011	0.47	0.37	23.9	<0.2	<10	150	0.13	0.18	0.02	0.32	20.9	5.5	10
ML04710		0.94	0.005	0.32	0.50	26.3	<0.2	<10	140	0.21	0.21	0.02	0.10	21.1	6.4	13
ML04711		0.64	0.006	0.18	0.60	37.3	<0.2	<10	100	0.27	0.16	0.04	0.20	26.9	8.8	20
ML04712		0.78	<0.005	0.19	0.54	9.7	<0.2	<10	50	0.19	0.18	0.03	0.31	39.4	10.3	9
ML04713		0.94	<0.005	0.09	0.29	10.5	<0.2	<10	50	0.16	0.18	0.02	0.13	44.0	5.4	7
ML04714		0.85	0.008	0.10	0.23	20.4	<0.2	<10	50	0.11	0.13	<0.01	0.03	35.4	1.8	6



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ML04675		0.38	36.3	2.20	2.39	<0.05	0.19	0.03	0.015	0.09	9.5	20.8	0.21	131	2.67
ML04676		0.64	50.6	2.98	2.52	<0.05	0.22	0.04	0.014	0.11	13.9	31.0	0.30	176	2.87
ML04677		0.32	21.6	1.95	0.75	<0.05	0.21	0.02	0.007	0.14	16.6	4.0	0.05	178	1.83
ML04678		0.34	11.0	1.62	0.82	<0.05	0.20	0.05	0.007	0.17	19.4	2.0	0.02	50	1.69
ML04679		0.31	14.6	1.92	0.76	<0.05	0.23	0.27	0.007	0.17	15.2	1.8	0.02	122	1.02
ML04680		0.42	16.9	1.62	0.75	<0.05	0.20	0.06	0.011	0.16	13.1	1.7	0.02	98	1.14
ML04681		0.42	15.7	1.84	0.88	0.10	0.28	0.08	<0.005	0.17	18.7	2.2	0.02	119	1.10
ML04682		0.32	16.6	1.51	0.73	0.09	0.19	0.11	<0.005	0.11	8.0	1.4	0.01	82	0.99
ML04683		0.50	19.1	1.75	1.34	0.11	0.19	0.03	0.013	0.09	11.1	1.7	0.02	85	2.06
ML04684		0.39	11.7	1.34	1.24	0.10	0.18	0.03	0.006	0.05	7.8	2.2	0.02	64	1.16
ML04685		0.35	12.2	0.88	0.99	0.09	0.17	0.03	<0.005	0.06	7.0	1.7	0.01	52	0.98
ML04686		0.42	20.2	1.04	1.12	0.11	0.19	0.04	0.005	0.08	7.9	2.4	0.02	67	1.12
ML04687		0.40	10.3	0.89	1.17	0.09	0.11	0.01	<0.005	0.05	6.0	3.3	0.03	51	0.69
ML04688		0.93	23.8	1.56	1.39	0.09	0.30	0.05	0.007	0.08	7.9	3.6	0.06	130	2.29
ML04689		0.91	24.1	1.51	1.65	0.09	<0.02	0.03	0.007	0.05	5.3	4.8	0.06	155	1.97
ML04690		0.59	25.9	2.62	3.21	0.10	0.02	0.02	0.011	0.09	13.2	27.4	0.56	293	1.99
ML04691		0.44	29.1	2.63	1.17	0.11	0.20	0.01	0.010	0.14	23.8	6.5	0.07	479	2.54
ML04692		0.35	46.9	4.21	2.75	0.12	0.24	0.02	0.006	0.10	15.9	34.1	0.62	321	5.07
ML04693		0.28	17.0	2.78	0.76	0.10	0.18	0.01	<0.005	0.13	19.0	3.8	0.03	624	2.00
ML04694		0.32	16.8	2.16	1.37	0.11	0.18	0.01	<0.005	0.12	20.6	7.8	0.07	371	1.75
ML04695		0.84	34.0	3.38	1.56	0.11	0.24	0.03	0.011	0.14	19.0	8.3	0.04	531	3.44
ML04696		0.50	32.8	3.05	2.63	0.11	0.12	0.02	0.009	0.16	22.7	25.6	0.29	478	3.21
ML04697		0.43	43.7	2.72	0.93	0.11	0.36	0.03	0.009	0.10	18.2	3.9	0.04	464	2.96
ML04698		0.39	42.5	3.24	1.42	0.13	0.34	0.01	0.011	0.16	23.0	10.9	0.11	871	2.50
ML04699		0.45	25.7	3.09	3.22	0.10	0.15	0.01	<0.005	0.23	22.8	33.3	0.36	458	1.93
ML04700		0.33	19.3	2.33	2.26	0.11	0.13	0.01	<0.005	0.17	18.9	23.9	0.38	484	1.80
ML04701		0.33	20.2	2.26	2.02	0.12	0.18	0.01	<0.005	0.15	21.8	21.1	0.20	348	2.00
ML04702		0.15	0.9	0.42	0.16	0.07	<0.02	<0.01	<0.005	0.03	0.8	1.2	11.85	183	0.11
ML04703		0.34	23.5	1.75	1.11	0.10	0.23	0.02	<0.005	0.16	16.3	8.2	0.19	297	1.92
ML04704		0.46	52.0	2.35	1.16	0.13	0.53	0.04	0.015	0.19	29.0	3.3	0.06	372	2.61
ML04705		0.34	33.3	2.94	0.73	0.09	0.32	0.02	0.012	0.14	13.3	2.6	0.30	652	2.53
ML04706		0.45	44.6	3.03	1.28	0.09	0.35	0.03	0.012	0.15	15.2	8.5	0.19	575	2.85
ML04707		0.48	41.5	3.16	0.67	0.09	0.31	0.02	0.013	0.13	8.8	1.6	0.69	731	2.56
ML04708		0.37	26.0	2.24	1.78	0.09	0.23	0.02	0.005	0.12	15.3	15.8	0.15	242	1.93
ML04709		0.31	37.2	1.79	1.21	0.11	0.23	0.13	0.010	0.09	10.2	7.1	0.07	86	5.26
ML04710		0.51	48.6	2.22	1.59	0.08	0.20	0.04	0.010	0.08	10.0	13.7	0.14	123	2.54
ML04711		0.64	34.5	2.81	2.12	0.10	0.22	0.04	0.015	0.10	12.7	15.9	0.13	141	2.68
ML04712		0.30	22.4	2.09	1.51	0.10	0.27	0.02	<0.005	0.15	19.5	12.9	0.13	104	1.89
ML04713		0.35	17.5	1.60	0.87	0.10	0.29	0.01	<0.005	0.16	21.1	3.4	0.03	69	1.75
ML04714		0.26	9.0	1.12	0.66	0.09	0.21	0.23	<0.005	0.16	17.1	1.2	0.01	34	2.14



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
		ppm 0.05	ppm 0.2	ppm 10	ppm 0.2	ppm 0.1	ppm 0.001	% 0.01	ppm 0.05	ppm 0.1	ppm 0.2	ppm 0.2	ppm 0.2	ppm 0.01	ppm 0.01
ML04675		<0.05	24.1	270	9.1	4.6	<0.001	0.01	1.42	1.5	1.5	0.2	7.4	<0.01	0.07
ML04676		<0.05	42.2	470	16.4	5.1	<0.001	0.03	1.72	2.2	1.7	0.2	11.3	<0.01	0.06
ML04677		<0.05	22.5	320	25.7	6.1	<0.001	0.08	1.29	1.3	1.4	<0.2	11.3	<0.01	0.01
ML04678		<0.05	8.1	260	22.3	7.0	<0.001	0.10	1.91	0.6	0.4	0.2	14.7	<0.01	0.03
ML04679		<0.05	17.2	290	15.9	7.0	<0.001	0.10	2.98	1.0	0.8	0.2	9.6	<0.01	<0.01
ML04680		<0.05	13.8	340	15.2	6.8	<0.001	0.08	2.39	0.9	0.9	<0.2	12.0	<0.01	0.01
ML04681		<0.05	13.1	240	20.2	7.1	<0.001	0.06	3.05	0.8	0.8	<0.2	12.1	0.01	0.02
ML04682		<0.05	13.3	200	12.0	4.7	<0.001	0.04	2.77	0.7	0.8	<0.2	8.6	<0.01	0.03
ML04683		<0.05	21.8	380	7.6	4.3	0.001	0.03	3.16	1.3	1.8	0.2	13.7	<0.01	0.05
ML04684		<0.05	11.6	220	7.1	2.8	<0.001	0.03	2.16	1.2	0.9	<0.2	11.4	<0.01	0.03
ML04685		<0.05	12.6	160	4.9	3.2	<0.001	0.02	1.52	1.0	0.5	<0.2	6.8	<0.01	0.02
ML04686		<0.05	16.8	220	5.2	4.3	<0.001	0.03	2.44	1.3	1.4	<0.2	7.8	<0.01	0.02
ML04687		<0.05	9.7	350	4.2	2.7	0.001	0.01	1.34	1.2	0.5	<0.2	7.3	<0.01	0.02
ML04688		0.13	15.0	360	23.5	4.4	<0.001	0.04	8.57	1.0	0.7	0.2	14.4	<0.01	0.04
ML04689		0.12	15.3	310	18.6	3.4	0.001	0.03	9.02	1.2	1.0	0.2	13.9	<0.01	0.03
ML04690		0.19	79.4	440	18.2	4.6	<0.001	0.02	5.71	2.5	0.5	0.2	12.7	<0.01	0.04
ML04691		<0.05	47.4	370	16.0	6.2	0.001	0.02	2.15	2.1	1.3	<0.2	6.6	<0.01	0.06
ML04692		<0.05	136.0	690	22.4	4.5	0.001	0.02	6.84	2.7	4.9	0.2	9.5	<0.01	0.04
ML04693		<0.05	44.0	250	31.6	5.2	<0.001	0.03	2.04	1.4	0.6	<0.2	5.2	<0.01	0.02
ML04694		<0.05	31.6	300	14.3	4.9	<0.001	0.02	1.55	1.2	0.8	<0.2	5.5	<0.01	0.01
ML04695		<0.05	63.5	460	21.1	6.4	<0.001	0.02	2.48	2.2	1.4	0.2	9.9	<0.01	0.07
ML04696		<0.05	58.0	450	20.5	7.0	<0.001	0.02	2.41	2.0	1.2	0.2	9.6	<0.01	0.02
ML04697		<0.05	49.0	320	13.8	4.3	<0.001	0.01	1.90	1.6	0.7	0.2	6.5	<0.01	0.06
ML04698		<0.05	44.8	380	20.6	6.8	<0.001	0.01	1.82	2.1	0.4	0.2	8.1	<0.01	0.05
ML04699		<0.05	26.9	330	15.6	9.6	0.001	0.05	1.04	1.6	0.3	0.2	16.3	<0.01	0.03
ML04700		<0.05	20.5	260	16.5	7.0	0.001	0.06	0.68	1.3	0.3	0.2	26.7	<0.01	0.02
ML04701		<0.05	26.3	300	13.1	6.2	<0.001	0.02	0.83	1.1	0.3	0.2	6.5	<0.01	0.02
ML04702		<0.05	1.5	280	1.3	1.1	<0.001	0.02	<0.05	0.3	0.2	<0.2	45.9	<0.01	<0.01
ML04703		<0.05	21.2	270	15.6	6.2	0.001	0.11	1.24	1.1	0.4	<0.2	30.1	<0.01	0.03
ML04704		<0.05	45.0	570	28.3	7.8	<0.001	0.02	3.49	2.9	0.9	0.2	10.4	<0.01	0.07
ML04705		0.11	35.6	450	21.5	5.1	<0.001	0.16	2.92	2.1	0.9	0.2	25.8	<0.01	0.05
ML04706		<0.05	40.9	440	22.8	6.2	<0.001	0.04	7.16	2.6	1.0	0.2	16.5	<0.01	0.04
ML04707		0.07	35.1	510	16.4	5.0	<0.001	0.19	5.44	2.6	1.1	<0.2	60.2	<0.01	0.06
ML04708		<0.05	25.5	320	13.3	5.3	0.001	0.01	2.73	1.5	0.7	0.2	7.0	<0.01	0.03
ML04709		<0.05	20.1	280	11.8	4.3	0.002	0.01	7.63	1.0	3.7	0.2	5.1	<0.01	0.09
ML04710		<0.05	25.6	310	9.8	4.1	0.001	0.01	4.95	1.4	1.3	<0.2	6.8	<0.01	0.07
ML04711		<0.05	36.5	390	9.0	4.4	<0.001	0.01	3.33	2.0	1.4	0.2	9.4	<0.01	0.06
ML04712		<0.05	21.3	300	16.3	6.3	0.001	0.05	1.22	1.1	0.7	0.2	10.3	<0.01	0.01
ML04713		<0.05	15.2	260	16.5	6.9	0.001	0.02	1.26	0.8	0.7	0.2	11.1	<0.01	0.01
ML04714		<0.05	6.6	140	18.8	6.4	<0.001	0.09	2.50	0.4	0.5	<0.2	11.0	<0.01	0.01



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ML04675		<0.005	0.03	0.59	15	1.32	1.83	63	8.4
ML04676		<0.005	0.04	1.28	15	0.99	4.20	96	9.6
ML04677		<0.005	0.07	1.00	2	1.20	3.54	51	8.9
ML04678		<0.005	0.13	0.81	2	1.16	1.63	28	9.5
ML04679		<0.005	0.19	0.71	2	1.50	1.91	36	10.6
ML04680		<0.005	0.13	0.76	2	1.03	2.05	35	8.8
ML04681		<0.005	0.12	0.77	2	1.12	1.90	38	11.8
ML04682		<0.005	0.11	0.57	3	0.65	1.21	36	7.7
ML04683		<0.005	0.05	0.66	9	0.63	1.90	60	8.1
ML04684		<0.005	0.03	0.65	8	0.46	1.47	33	6.3
ML04685		<0.005	0.03	0.58	6	0.29	1.36	26	6.0
ML04686		<0.005	0.04	0.74	8	0.43	1.44	36	7.0
ML04687		<0.005	0.02	0.91	6	0.23	1.45	17	4.0
ML04688		<0.005	0.07	0.60	9	2.70	1.69	31	<0.5
ML04689		<0.005	0.04	0.54	12	1.19	1.68	36	<0.5
ML04690		0.013	0.05	0.75	26	1.23	4.90	79	1.5
ML04691		<0.005	0.04	1.14	4	1.53	7.19	99	9.1
ML04692		<0.005	0.04	1.42	20	1.75	9.05	152	14.3
ML04693		<0.005	0.04	1.09	2	1.41	5.40	114	7.8
ML04694		<0.005	0.03	0.74	3	1.49	4.48	77	7.0
ML04695		<0.005	0.06	1.78	9	1.19	9.29	151	10.5
ML04696		<0.005	0.08	0.92	10	1.53	6.20	106	6.8
ML04697		<0.005	0.03	0.90	4	1.38	5.88	99	14.3
ML04698		<0.005	0.05	0.82	4	1.12	8.29	96	13.4
ML04699		<0.005	0.06	0.70	8	1.10	3.58	64	7.3
ML04700		<0.005	0.04	0.54	5	1.28	3.58	54	6.4
ML04701		<0.005	0.05	0.78	4	1.51	3.66	57	6.5
ML04702		<0.005	<0.02	0.57	2	<0.05	0.92	12	<0.5
ML04703		<0.005	0.05	0.73	3	1.30	3.97	50	8.9
ML04704		<0.005	0.06	1.65	5	1.01	8.18	108	21.8
ML04705		<0.005	0.04	0.71	3	1.45	7.83	88	11.6
ML04706		<0.005	0.05	0.84	6	1.13	7.32	93	13.8
ML04707		<0.005	0.03	0.60	4	1.00	8.41	88	13.7
ML04708		<0.005	0.04	0.62	4	1.33	3.46	75	8.9
ML04709		<0.005	0.03	0.79	15	1.76	1.96	142	8.6
ML04710		<0.005	0.03	0.75	12	1.13	1.93	80	8.7
ML04711		<0.005	0.03	0.88	14	1.20	3.59	87	10.0
ML04712		<0.005	0.06	0.98	3	1.04	2.96	49	10.3
ML04713		<0.005	0.06	0.94	2	1.14	2.43	39	11.0
ML04714		<0.005	0.19	0.41	1	1.29	1.13	19	8.4



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ML04715		0.53	0.017	0.10	0.34	57.2	<0.2	<10	50	0.17	0.18	0.01	0.12	34.0	4.7	8
ML04716		0.86	<0.005	0.10	0.33	42.0	<0.2	<10	50	0.18	0.25	0.01	0.22	34.0	10.0	7
ML04717		1.10	0.005	0.11	0.23	17.5	<0.2	<10	50	0.13	0.14	<0.01	0.03	23.2	2.2	7
ML04718		1.17	0.006	0.17	0.44	21.6	<0.2	<10	60	0.20	0.21	0.01	0.12	23.8	5.2	12
ML04719		0.78	0.009	0.30	0.52	22.0	<0.2	<10	90	0.25	0.16	0.03	0.17	21.3	5.7	15
ML04720		0.72	0.008	0.30	0.48	28.8	<0.2	<10	70	0.27	0.14	0.04	0.23	12.40	6.6	17
ML04721		0.93	0.015	0.55	0.35	19.3	<0.2	<10	80	0.22	0.19	0.01	0.17	16.45	6.0	15
ML04722		0.75	0.011	0.48	0.59	8.9	<0.2	<10	130	0.30	0.39	0.02	0.08	27.3	7.1	18
ML04723		0.94	0.008	0.40	0.59	5.5	<0.2	<10	100	0.24	0.25	0.04	0.11	23.1	5.4	18
ML04724		1.54	0.005	0.25	0.44	6.2	<0.2	<10	80	0.17	0.11	0.02	0.10	17.50	3.8	15
ML04725		1.01	0.005	0.30	1.02	6.5	<0.2	<10	90	0.31	0.25	0.03	0.17	30.5	3.3	25
ML04726		1.28	<0.005	0.23	0.52	5.3	<0.2	<10	70	0.18	0.15	0.04	0.11	20.0	2.9	19
ML04727		0.16	<0.005	0.12	0.41	7.0	<0.2	<10	80	0.14	0.10	0.03	0.05	18.05	2.9	15
ML04728		0.77	<0.005	0.27	0.53	7.1	<0.2	<10	90	0.23	0.15	0.03	0.13	15.75	5.0	17
ML04729		0.18	0.006	0.20	0.80	65.0	<0.2	<10	120	0.32	0.23	0.08	0.29	34.0	11.7	23
ML04730		1.48	<0.005	0.15	0.64	42.5	<0.2	<10	90	0.25	0.18	0.06	0.20	23.4	8.1	17
ML04731		0.80	<0.005	0.17	0.58	35.5	<0.2	<10	80	0.21	0.14	0.06	0.15	20.9	6.4	17
ML04732		1.20	<0.005	0.11	0.90	22.7	<0.2	<10	90	0.29	0.16	0.11	0.19	40.4	8.6	17
ML04733		0.53	<0.005	0.08	0.80	15.6	<0.2	<10	70	0.21	0.13	0.09	0.19	38.4	8.4	15
ML04734		0.18	<0.005	0.07	1.43	17.7	<0.2	<10	80	0.35	0.23	0.06	0.29	45.6	18.4	16
ML04735		0.51	<0.005	0.08	1.48	23.9	<0.2	<10	50	0.38	0.33	0.08	0.38	40.1	24.6	15
ML04736		0.45	<0.005	0.13	1.22	34.2	<0.2	<10	60	0.35	0.20	0.05	1.64	40.7	38.5	14
ML04737		0.64	<0.005	0.10	1.41	17.7	<0.2	<10	40	0.37	0.27	0.04	0.34	40.1	30.4	15
ML04738		0.78	<0.005	0.01	0.04	3	<0.2	<10	10	0.06	0.01	18.15	0.06	1.48	1.6	1
ML04739		0.57	<0.005	0.10	1.49	17.6	<0.2	<10	50	0.43	0.53	0.17	0.19	39.7	19.8	15
ML04740		0.66	<0.005	0.08	1.37	9.5	<0.2	<10	60	0.34	0.26	0.09	0.20	43.8	17.3	15
ML04741		0.61	<0.005	0.07	2.18	19.7	<0.2	<10	90	0.36	0.16	0.24	0.25	46.3	24.7	161
ML04742		0.76	<0.005	0.09	1.53	6.4	<0.2	<10	110	0.30	0.22	0.10	0.09	44.5	12.4	48
ML04743		0.85	<0.005	0.11	3.11	28.2	<0.2	<10	50	0.37	0.19	0.85	0.47	27.2	47.8	366
ML04744		0.58	0.017	0.09	0.37	404	<0.2	<10	70	0.22	0.19	0.05	0.80	43.8	18.1	21
ML04745		0.60	0.019	0.09	0.33	410	<0.2	<10	60	0.20	0.18	0.04	0.83	42.9	18.1	19
ML04746		0.41	<0.005	0.12	0.34	74.1	<0.2	<10	70	0.26	0.17	0.03	0.52	42.3	12.6	10
ML04747		0.47	0.018	0.10	0.47	216	<0.2	<10	70	0.27	0.10	0.03	0.69	36.6	20.0	14
ML04748		0.63	0.007	0.16	0.36	125.5	<0.2	<10	60	0.27	0.21	0.03	0.80	42.5	21.5	11
ML04749		0.52	<0.005	0.08	0.70	33.9	<0.2	<10	60	0.22	0.29	0.05	0.60	52.9	23.9	14
ML04750		0.74	<0.005	0.06	0.59	19.9	<0.2	<10	50	0.18	0.30	0.24	0.50	46.2	22.8	11
ML04751		0.78	<0.005	0.06	0.47	21.3	<0.2	<10	50	0.21	0.24	0.19	0.31	46.3	23.2	11
ML04752		0.83	<0.005	0.09	0.32	18.1	<0.2	<10	50	0.23	0.27	3.39	0.26	21.5	25.0	9
ML04753		0.82	<0.005	0.13	0.44	16.6	<0.2	<10	40	0.20	0.34	1.94	0.29	21.3	23.8	9
ML04754		0.69	<0.005	0.13	0.41	29.2	<0.2	<10	40	0.24	0.34	0.33	0.63	25.2	21.6	8



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ML04715		0.32	18.4	1.93	1.02	0.09	0.26	0.14	<0.005	0.16	15.5	3.1	0.03	88	1.70
ML04716		0.39	25.0	1.96	0.93	0.10	0.28	0.04	0.006	0.16	16.1	3.3	0.03	100	1.96
ML04717		0.27	10.5	1.49	0.75	0.05	0.19	0.35	<0.005	0.14	10.9	1.6	0.01	49	1.51
ML04718		0.34	31.8	2.26	1.55	0.08	0.19	0.06	0.011	0.09	11.3	6.2	0.07	114	2.18
ML04719		0.51	42.7	2.04	1.57	0.08	0.25	0.03	0.017	0.07	11.0	4.7	0.03	84	4.52
ML04720		0.41	57.1	2.88	1.36	0.08	0.24	0.03	0.016	0.05	6.1	5.2	0.05	192	4.85
ML04721		0.55	67.3	2.68	1.18	0.08	0.33	0.05	0.022	0.06	9.0	2.5	0.02	126	13.80
ML04722		0.74	35.2	2.80	2.32	0.09	0.23	0.04	0.025	0.09	14.3	1.9	0.02	116	4.08
ML04723		0.72	27.4	2.21	2.07	0.09	0.25	0.04	0.023	0.07	12.0	2.0	0.03	79	2.55
ML04724		0.38	20.3	1.64	1.39	0.07	0.18	0.03	0.013	0.05	8.8	2.2	0.02	75	2.15
ML04725		0.90	26.6	2.17	3.69	0.12	0.21	0.05	0.027	0.05	15.4	4.6	0.05	77	2.08
ML04726		0.41	22.5	1.33	1.62	0.07	0.15	0.02	0.015	0.04	9.9	4.1	0.03	51	2.21
ML04727		0.35	12.8	1.29	1.34	0.06	0.12	0.02	0.009	0.05	8.8	3.0	0.02	70	1.65
ML04728		0.50	25.2	1.70	1.56	0.08	0.23	0.03	0.013	0.06	7.9	2.4	0.03	71	2.81
ML04729		0.66	40.8	3.04	2.51	0.09	0.02	0.03	0.020	0.12	16.4	10.1	0.17	570	2.06
ML04730		0.53	29.3	2.19	2.05	0.07	<0.02	0.03	0.015	0.07	11.4	7.1	0.11	339	2.10
ML04731		0.47	25.7	1.84	1.86	0.06	<0.02	0.02	0.013	0.07	10.3	6.4	0.10	270	2.13
ML04732		0.45	24.8	2.25	2.80	0.08	0.06	0.02	0.011	0.12	19.8	19.5	0.24	356	1.53
ML04733		0.38	22.8	2.07	2.41	0.07	0.07	0.01	0.008	0.11	18.6	18.8	0.24	326	1.61
ML04734		0.61	34.3	3.15	3.77	0.10	0.16	0.01	0.008	0.20	23.1	46.2	0.45	473	1.68
ML04735		0.46	38.4	3.40	3.85	0.10	0.26	0.01	0.007	0.18	21.2	54.0	0.48	505	1.55
ML04736		0.45	36.7	3.07	3.33	0.09	0.20	0.01	0.007	0.18	20.5	44.1	0.37	1060	1.74
ML04737		0.42	36.5	3.44	3.84	0.10	0.23	0.01	0.008	0.16	20.7	51.4	0.47	456	1.47
ML04738		0.14	1.5	0.40	0.19	0.18	<0.02	0.02	<0.005	0.02	0.7	1.4	11.65	187	0.08
ML04739		0.43	38.8	3.52	3.91	0.10	0.24	0.01	0.007	0.17	20.8	49.9	0.52	337	1.47
ML04740		0.45	31.4	3.24	3.75	0.09	0.22	0.01	0.007	0.21	22.7	45.0	0.49	381	1.62
ML04741		0.43	30.0	3.94	6.38	0.12	0.18	0.01	0.012	0.21	22.7	84.1	1.46	583	1.58
ML04742		0.35	25.4	2.74	5.00	0.09	0.22	<0.01	0.008	0.16	21.8	54.4	0.82	282	1.38
ML04743		0.27	45.9	5.59	9.30	0.16	0.20	0.01	0.026	0.10	13.1	87.2	4.02	760	2.32
ML04744		0.34	26.3	3.35	1.22	0.10	0.23	0.02	0.012	0.16	21.6	5.1	0.12	329	1.54
ML04745		0.32	24.8	3.26	1.15	0.10	0.26	0.02	0.014	0.15	21.1	3.8	0.11	322	1.54
ML04746		0.46	24.8	2.51	1.09	0.08	0.18	0.02	0.011	0.14	20.5	3.0	0.03	292	1.82
ML04747		0.52	27.8	2.87	1.73	0.09	0.19	0.02	0.013	0.14	16.9	6.0	0.04	325	2.07
ML04748		0.41	45.3	3.33	1.10	0.10	0.21	0.03	0.015	0.11	20.7	3.3	0.04	284	2.35
ML04749		0.40	37.6	3.34	2.30	0.11	0.20	0.02	0.014	0.16	25.0	20.0	0.21	1080	2.21
ML04750		0.39	33.1	3.05	1.92	0.09	0.18	0.01	0.011	0.14	22.2	17.6	0.22	1260	2.14
ML04751		0.37	37.7	3.43	1.61	0.10	0.23	0.02	0.012	0.16	22.7	13.0	0.15	997	2.08
ML04752		0.38	40.9	3.80	1.01	0.09	0.36	0.03	0.018	0.17	10.7	3.4	1.20	1190	2.20
ML04753		0.45	29.6	3.53	1.36	0.10	0.26	0.02	0.015	0.13	10.4	7.5	0.74	738	2.13
ML04754		0.51	66.0	3.98	1.33	0.11	0.34	0.03	0.020	0.15	12.2	7.0	0.18	527	2.64



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CERTIFICATE OF ANALYSIS WH11159782

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ML04715		<0.05	13.9	260	22.3	6.3	<0.001	0.04	1.75	0.8	1.0	0.2	9.2	<0.01	0.01	8.6
ML04716		<0.05	19.2	300	20.6	6.8	<0.001	0.06	1.76	1.1	0.9	0.2	11.9	<0.01	0.01	8.7
ML04717		<0.05	10.3	160	17.0	5.4	<0.001	0.31	1.37	0.5	0.5	<0.2	9.5	<0.01	0.01	6.3
ML04718		0.05	19.7	290	10.7	3.9	<0.001	0.03	1.92	1.4	0.9	<0.2	10.0	<0.01	0.03	5.4
ML04719		<0.05	38.4	380	11.3	3.3	<0.001	0.01	2.89	1.7	1.1	<0.2	10.9	<0.01	0.04	4.4
ML04720		0.06	41.3	440	10.7	2.6	<0.001	0.03	3.00	2.5	1.3	<0.2	9.1	<0.01	0.04	3.2
ML04721		0.05	50.9	380	20.3	3.0	0.001	0.01	2.38	1.9	2.0	<0.2	7.8	<0.01	0.07	3.3
ML04722		0.05	47.9	640	16.0	4.4	0.001	0.02	2.38	2.5	3.2	0.2	18.9	<0.01	0.07	6.5
ML04723		<0.05	34.7	620	10.2	3.2	<0.001	0.01	2.36	2.2	2.2	0.2	17.3	<0.01	0.06	6.3
ML04724		<0.05	22.1	300	7.7	2.5	<0.001	0.01	1.58	1.5	1.2	<0.2	9.1	<0.01	0.03	3.9
ML04725		0.05	19.9	610	15.4	2.4	0.001	0.01	3.76	2.8	2.0	0.3	32.1	<0.01	0.06	8.2
ML04726		0.05	13.1	460	8.2	2.2	<0.001	0.02	1.51	1.4	0.9	<0.2	10.8	<0.01	0.02	4.2
ML04727		<0.05	10.2	270	5.4	2.6	<0.001	0.03	1.17	1.2	0.7	<0.2	10.1	<0.01	0.01	3.5
ML04728		<0.05	25.7	450	8.6	2.8	0.001	0.03	1.77	1.8	2.7	<0.2	9.7	<0.01	0.03	4.1
ML04729		0.21	34.6	510	14.5	6.3	<0.001	0.01	4.24	2.5	0.8	0.2	16.6	<0.01	0.04	5.9
ML04730		0.23	24.4	410	10.3	4.0	<0.001	0.01	3.35	1.7	0.7	0.2	12.5	<0.01	0.03	3.6
ML04731		0.23	19.7	370	9.6	3.9	<0.001	0.01	2.56	1.6	0.6	0.2	12.6	<0.01	0.03	3.4
ML04732		0.18	23.1	460	13.3	6.0	<0.001	0.01	1.76	1.8	0.4	0.2	13.5	<0.01	0.03	7.8
ML04733		0.11	22.3	340	16.0	5.3	<0.001	<0.01	1.52	1.5	0.3	<0.2	9.9	<0.01	0.01	8.1
ML04734		0.05	43.7	270	16.7	9.0	<0.001	<0.01	2.54	1.5	0.3	<0.2	8.2	<0.01	0.02	9.7
ML04735		0.06	59.3	410	18.0	8.0	<0.001	<0.01	2.17	1.5	0.3	<0.2	10.1	<0.01	0.04	9.1
ML04736		0.06	78.8	250	21.2	8.1	<0.001	<0.01	2.37	1.5	0.3	<0.2	6.9	<0.01	0.03	9.0
ML04737		0.07	49.6	230	20.1	7.1	<0.001	<0.01	1.99	1.6	0.3	<0.2	6.3	<0.01	0.02	8.8
ML04738		0.19	2.4	160	1.3	0.8	0.001	0.01	<0.05	0.5	<0.2	<0.2	42.9	<0.01	0.01	<0.2
ML04739		0.06	48.7	450	29.9	7.3	<0.001	<0.01	3.44	1.6	0.3	<0.2	10.6	<0.01	0.04	9.1
ML04740		0.06	37.5	250	26.0	9.1	<0.001	0.03	1.28	1.5	0.3	<0.2	7.5	<0.01	0.02	10.5
ML04741		0.07	134.5	270	20.4	9.2	<0.001	0.01	1.11	3.4	0.3	<0.2	25.8	<0.01	0.02	9.0
ML04742		<0.05	43.1	290	20.1	7.4	<0.001	0.01	0.74	2.0	0.2	<0.2	9.1	<0.01	0.02	8.9
ML04743		0.09	297	510	21.1	4.5	<0.001	0.01	2.58	7.3	0.5	<0.2	71.9	<0.01	0.03	5.7
ML04744		0.06	44.7	270	16.2	6.5	<0.001	0.01	2.88	2.1	0.8	<0.2	7.9	<0.01	0.03	12.2
ML04745		0.05	44.9	260	16.6	6.2	<0.001	0.01	2.91	2.1	0.8	<0.2	7.8	<0.01	0.04	12.1
ML04746		0.05	36.5	270	18.3	6.0	<0.001	0.01	2.86	1.7	0.6	<0.2	6.8	<0.01	0.02	11.1
ML04747		0.06	38.3	310	11.0	6.2	<0.001	<0.01	6.06	2.1	0.6	<0.2	8.6	<0.01	0.01	9.8
ML04748		0.06	48.2	390	20.9	4.6	<0.001	0.01	3.24	2.1	1.1	<0.2	7.5	<0.01	0.04	11.3
ML04749		0.06	48.9	410	19.5	6.6	0.001	0.01	2.92	2.2	0.6	<0.2	8.6	<0.01	0.04	12.2
ML04750		0.06	41.6	370	17.7	5.8	<0.001	0.02	2.14	2.0	0.4	<0.2	17.4	<0.01	0.04	12.3
ML04751		0.06	45.3	440	16.8	6.2	<0.001	0.09	1.42	2.0	0.6	<0.2	11.2	<0.01	0.04	12.2
ML04752		0.09	44.4	610	18.1	6.3	0.001	0.41	1.77	2.7	1.4	<0.2	85.1	<0.01	0.05	10.7
ML04753		<0.05	43.2	370	22.9	5.1	0.001	0.21	1.98	3.1	1.3	<0.2	46.2	<0.01	0.05	9.7
ML04754		<0.05	49.7	600	18.8	6.2	0.001	0.34	4.31	3.5	3.4	<0.2	21.6	<0.01	0.07	10.8



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Project: Mount Hinton

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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ML04715		<0.005	0.13	0.68	3	1.68	1.80	38	9.6
ML04716		<0.005	0.07	1.10	2	1.43	2.28	52	10.9
ML04717		<0.005	0.43	0.61	2	2.15	1.07	27	7.9
ML04718		<0.005	0.07	0.81	7	2.05	1.96	56	7.8
ML04719		<0.005	0.04	1.15	10	1.55	2.69	81	11.2
ML04720		<0.005	0.03	1.59	12	2.31	3.47	101	11.0
ML04721		<0.005	0.03	1.38	9	1.92	2.61	122	14.6
ML04722		<0.005	0.04	1.00	14	1.06	2.97	117	11.4
ML04723		<0.005	0.03	0.84	14	0.86	2.53	89	11.1
ML04724		<0.005	0.03	0.55	9	1.54	1.93	60	7.6
ML04725		<0.005	0.03	1.05	21	1.51	3.48	55	9.8
ML04726		<0.005	0.02	0.60	9	2.75	2.11	30	6.0
ML04727		<0.005	0.02	0.38	8	3.39	1.65	24	4.9
ML04728		<0.005	0.03	0.65	10	2.87	2.50	55	9.9
ML04729		0.008	0.06	0.82	17	0.38	6.52	74	0.6
ML04730		0.009	0.04	0.64	15	1.65	3.75	53	<0.5
ML04731		0.010	0.04	0.56	14	4.84	2.88	44	0.5
ML04732		0.012	0.05	0.74	15	2.48	4.13	56	4.2
ML04733		0.009	0.04	0.68	11	2.18	3.90	58	4.5
ML04734		<0.005	0.06	0.79	9	1.39	3.85	85	9.1
ML04735		<0.005	0.06	0.91	8	1.13	4.70	93	12.2
ML04736		<0.005	0.09	0.77	7	1.31	4.48	100	10.8
ML04737		<0.005	0.05	0.85	8	1.05	4.21	96	11.0
ML04738		<0.005	<0.02	0.87	1	<0.05	0.90	16	<0.5
ML04739		<0.005	0.05	0.91	8	1.06	5.25	94	12.4
ML04740		<0.005	0.07	0.96	8	0.96	3.63	82	10.1
ML04741		<0.005	0.06	0.57	23	0.97	5.48	101	9.4
ML04742		<0.005	0.05	0.60	14	1.12	3.38	62	9.5
ML04743		0.005	0.03	0.59	50	1.02	9.74	148	9.1
ML04744		<0.005	0.05	1.02	5	1.38	9.43	143	10.1
ML04745		<0.005	0.04	1.11	4	1.36	9.75	149	11.2
ML04746		<0.005	0.04	0.92	3	1.56	6.88	147	8.3
ML04747		<0.005	0.04	0.55	6	1.69	6.71	182	8.9
ML04748		<0.005	0.04	0.94	5	1.84	9.96	287	9.5
ML04749		<0.005	0.05	0.65	7	1.54	9.44	138	8.6
ML04750		<0.005	0.04	0.55	4	1.32	7.52	97	7.5
ML04751		<0.005	0.04	0.61	4	1.38	8.66	124	10.4
ML04752		<0.005	0.04	0.54	5	0.96	13.15	159	16.1
ML04753		<0.005	0.03	0.54	4	1.06	8.45	162	11.1
ML04754		<0.005	0.04	0.73	7	1.01	9.19	149	14.7



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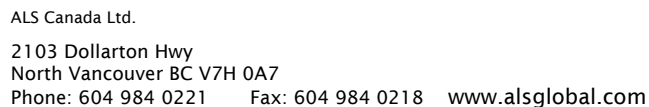
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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ML04755		0.67	<0.005	0.08	0.86	11.9	<0.2	<10	40	0.17	0.23	0.19	0.41	25.3	17.6	13
ML04756		0.54	<0.005	0.06	0.62	7.3	<0.2	<10	40	0.14	0.17	0.06	0.34	25.7	8.3	12
ML04757		0.65	<0.005	0.12	0.73	23.0	<0.2	<10	30	0.17	0.25	0.05	0.41	26.0	11.8	13
ML04758		0.87	<0.005	0.11	0.51	8.2	<0.2	<10	40	0.11	0.15	0.04	0.49	28.7	6.3	10
ML04759		0.86	<0.005	0.08	0.39	12.0	<0.2	<10	40	0.11	0.19	0.06	0.90	21.8	7.6	10
ML04760		0.65	<0.005	0.29	0.70	19.3	<0.2	<10	90	0.16	0.29	0.07	1.64	24.4	8.4	11
ML04761		1.36	0.014	1.62	0.27	16.3	<0.2	<10	130	0.11	0.20	0.02	0.25	13.75	2.7	9
ML04762		1.33	0.006	0.33	0.55	5.7	<0.2	<10	150	0.11	0.14	0.02	0.23	10.10	5.2	15
ML04763		0.70	0.006	0.26	0.36	9.7	<0.2	<10	120	0.17	0.20	0.19	1.00	21.9	7.6	9
ML04764		0.61	0.007	0.25	0.72	12.4	<0.2	<10	100	0.22	0.26	0.07	0.22	29.7	3.6	14
ML04765		0.78	<0.005	0.19	0.71	12.6	<0.2	<10	70	0.21	0.20	0.12	0.14	22.9	5.5	15
ML04766		0.72	<0.005	0.12	0.62	16.2	<0.2	<10	60	0.18	0.28	0.10	0.54	28.4	10.3	10
ML04767		0.90	<0.005	0.06	0.50	8.3	<0.2	<10	40	0.21	0.14	0.15	0.49	27.6	8.2	8
ML04768		0.74	<0.005	0.07	0.52	12.5	<0.2	<10	60	0.24	0.17	0.09	0.37	37.3	10.3	7
ML04769		0.67	<0.005	0.06	0.61	40.1	<0.2	<10	40	0.20	0.13	0.02	0.14	37.2	2.1	7



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ML04755		<0.05	43.6	440	14.5	5.2	<0.001	0.03	1.30	2.7	0.6	<0.2	14.5	<0.01	0.02	6.3
ML04756		<0.05	20.6	280	12.8	5.2	<0.001	0.06	0.99	1.7	0.8	<0.2	7.1	<0.01	0.01	6.7
ML04757		<0.05	35.7	440	22.6	4.9	<0.001	0.03	2.95	2.5	1.2	<0.2	6.4	<0.01	0.03	6.5
ML04758		<0.05	17.8	240	12.8	5.2	<0.001	0.01	0.86	1.4	0.2	<0.2	6.2	<0.01	<0.01	7.5
ML04759		<0.05	18.8	330	13.4	5.1	<0.001	0.05	0.82	1.8	0.5	<0.2	6.5	<0.01	0.01	5.0
ML04760		<0.05	19.7	410	15.8	6.3	0.001	0.18	1.75	2.2	2.9	<0.2	8.3	<0.01	0.01	6.2
ML04761		<0.05	12.4	360	13.3	4.9	0.012	0.17	3.51	1.1	13.5	<0.2	6.6	<0.01	0.06	3.5
ML04762		<0.05	14.4	180	6.8	4.0	0.002	0.27	0.90	1.5	2.4	<0.2	6.4	<0.01	0.05	2.0
ML04763		<0.05	22.1	380	12.8	4.9	0.001	0.19	1.50	2.1	2.5	<0.2	12.7	<0.01	0.04	6.8
ML04764		<0.05	16.0	500	10.8	5.5	0.002	0.06	2.29	2.2	2.1	0.2	10.1	<0.01	0.04	8.4
ML04765		<0.05	17.4	510	13.9	4.5	0.003	0.33	2.51	2.0	1.2	0.2	12.5	<0.01	0.02	6.0
ML04766		<0.05	21.0	470	21.2	7.1	0.001	0.44	1.87	1.8	0.7	<0.2	14.1	<0.01	0.02	6.3
ML04767		<0.05	28.3	200	16.9	6.1	0.001	0.32	1.31	1.4	0.2	<0.2	22.4	<0.01	<0.01	7.2
ML04768		<0.05	29.3	240	16.0	8.9	0.001	0.22	1.54	1.5	0.3	<0.2	19.3	<0.01	<0.01	8.6
ML04769		<0.05	20.9	330	20.0	6.5	<0.001	0.09	3.52	1.2	0.8	<0.2	7.9	<0.01	<0.01	9.8



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Account: F

Project: Mount Hinton

CERTIFICATE OF ANALYSIS WH11159782

Method	CERTIFICATE COMMENTS
ME- MS41 ME- MS41	Interference: Ca> 10% on ICP- MS As,ICP- AES results shown. Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).



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CERTIFICATE WH11164054

Project: Mount Hinton

P.O. No.:

This report is for 200 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20- AUG- 2011.

The following have access to data associated with this certificate:

DOUG EATON

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- MS41	51 anal. aqua regia ICPMS	

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH11164054

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ML04347		0.71	<0.005	0.15	0.87	10.3	<0.2	<10	100	0.31	0.19	0.17	0.21	12.90	8.1	21
ML04348		0.95	<0.005	0.23	0.97	9.0	<0.2	<10	110	0.33	0.21	0.16	0.26	14.20	13.1	21
ML04349		1.08	<0.005	0.25	1.22	10.0	<0.2	<10	150	0.41	0.27	0.20	0.24	17.40	10.2	22
ML04350		1.24	<0.005	0.29	1.26	10.0	<0.2	<10	130	0.36	0.27	0.18	0.28	16.75	9.0	22
ML04351		0.72	0.007	0.71	1.24	26.0	<0.2	<10	150	0.42	0.39	0.23	0.29	16.65	14.3	20
ML04352		1.22	<0.005	0.47	1.22	16.1	<0.2	<10	160	0.38	0.31	0.37	0.28	15.35	12.5	21
ML04353		0.97	<0.005	0.28	1.23	12.3	<0.2	<10	130	0.39	0.27	0.23	0.21	16.75	9.9	22
ML04354		1.01	<0.005	0.35	1.19	12.5	<0.2	<10	130	0.45	0.25	0.44	0.31	11.90	37.4	22
ML04355		1.54	<0.005	0.44	1.26	14.3	<0.2	<10	150	0.44	0.29	0.56	0.26	11.95	11.0	21
ML04356		0.95	<0.005	0.36	0.97	16.7	<0.2	<10	130	0.33	0.28	0.27	0.16	13.85	11.7	20
ML04357		0.95	<0.005	0.22	0.80	10.6	<0.2	<10	100	0.24	0.21	0.21	0.21	11.35	8.5	18
ML04358		1.26	<0.005	0.22	0.84	9.7	<0.2	<10	110	0.23	0.20	0.15	0.17	15.05	8.4	18
ML04359		1.26	<0.005	0.18	0.76	8.4	<0.2	<10	90	0.24	0.16	0.23	0.22	10.95	149.5	18
ML04360		1.16	<0.005	0.16	1.15	8.3	<0.2	<10	80	0.28	0.15	0.17	0.18	12.05	19.6	23
ML04361		0.74	<0.005	0.15	0.70	27.5	<0.2	<10	120	0.24	0.14	0.07	0.16	19.45	8.5	15
ML04362		0.17	0.018	0.17	0.96	17.1	<0.2	<10	180	0.34	0.16	0.07	0.16	17.00	8.2	18
ML04363		0.52	0.005	0.32	0.64	19.8	<0.2	<10	130	0.29	0.19	0.06	0.18	27.8	12.4	15
ML04364		0.18	<0.005	0.20	0.63	11.8	<0.2	<10	120	0.25	0.12	0.07	0.25	26.0	8.8	16
ML04365		0.29	<0.005	0.24	0.57	10.8	<0.2	<10	120	0.28	0.13	0.07	0.34	23.9	7.6	15
ML04366		1.25	0.005	0.26	0.57	11.2	<0.2	<10	140	0.22	0.14	0.05	0.19	20.2	6.8	14
ML04367		1.74	0.006	0.41	0.96	10.1	<0.2	<10	210	0.25	0.18	0.08	0.10	22.9	4.9	25
ML04368		0.66	0.006	0.37	0.70	7.8	<0.2	<10	170	0.17	0.17	0.03	0.09	21.0	3.8	21
ML04369		0.34	0.008	0.52	1.06	8.1	<0.2	<10	210	0.17	0.23	0.04	0.02	23.1	2.6	27
ML04370		0.58	0.010	0.48	1.04	7.5	<0.2	<10	200	0.18	0.20	0.03	0.02	22.5	2.7	25
ML04371		1.05	0.005	0.32	0.75	6.5	<0.2	<10	170	0.16	0.18	0.03	0.03	25.0	2.9	21
ML04372		1.11	<0.005	0.24	0.68	19.0	<0.2	<10	120	0.27	0.14	0.04	0.08	24.5	4.3	17
ML04373		1.14	<0.005	0.18	0.59	7.1	<0.2	<10	130	0.23	0.11	0.04	0.27	21.6	8.1	15
ML04374		1.08	<0.005	0.19	0.66	8.6	<0.2	<10	150	0.22	0.13	0.06	0.19	25.9	5.9	17
ML04375		0.56	<0.005	0.15	0.56	8.3	<0.2	<10	110	0.24	0.11	0.06	0.23	22.2	5.9	15
ML04376		1.16	<0.005	0.16	0.71	10.3	<0.2	<10	150	0.21	0.13	0.11	0.21	27.5	5.8	17
ML04377		0.82	<0.005	0.17	0.74	11.6	<0.2	<10	140	0.24	0.13	0.14	0.27	29.0	7.5	16
ML04378		1.56	<0.005	0.12	0.48	5.8	<0.2	<10	120	0.18	0.10	0.28	0.24	24.7	6.9	14
ML04379		1.13	<0.005	0.13	0.52	4.8	<0.2	<10	110	0.18	0.09	0.11	0.24	24.3	7.5	16
ML04380		1.07	<0.005	0.10	0.42	3.9	<0.2	<10	90	0.15	0.07	0.25	0.25	21.6	6.8	13
ML04381		0.96	<0.005	0.11	0.35	3.8	<0.2	<10	90	0.16	0.07	0.37	0.21	21.1	6.6	12
ML04382		0.81	<0.005	0.02	0.05	<2	<0.2	<10	20	<0.05	0.02	19.20	0.06	2.05	1.4	<1
ML04383		0.29	<0.005	0.08	0.31	3.0	<0.2	<10	60	0.12	0.06	0.23	0.21	17.05	5.3	8
ML04384		0.71	<0.005	0.08	0.31	2.8	<0.2	<10	60	0.12	0.05	0.20	0.21	16.85	5.0	8
ML04385		0.61	<0.005	0.12	0.38	3.8	<0.2	<10	90	0.14	0.08	0.19	0.23	22.4	6.0	12
ML04386		1.18	<0.005	0.08	0.29	2.7	<0.2	<10	80	0.12	0.06	0.27	0.21	19.80	4.6	10



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Project: Mount Hinton

CERTIFICATE OF ANALYSIS WH11164054

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ML04347		1.59	15.6	1.26	2.31	<0.05	0.11	0.03	0.019	0.06	5.8	6.1	0.15	101	2.33
ML04348		1.71	23.3	1.37	2.78	<0.05	0.12	0.09	0.020	0.07	6.4	8.6	0.15	90	2.48
ML04349		2.16	21.9	1.58	3.27	<0.05	0.15	0.05	0.024	0.08	7.9	5.8	0.14	102	2.07
ML04350		2.07	23.0	1.59	3.27	<0.05	0.14	0.04	0.023	0.07	7.7	6.8	0.16	92	1.98
ML04351		2.71	40.4	2.39	3.33	0.07	0.20	0.12	0.032	0.09	7.8	8.0	0.16	119	2.13
ML04352		2.65	35.6	2.05	3.07	0.05	0.17	0.08	0.028	0.09	7.4	8.5	0.26	180	2.20
ML04353		2.39	23.1	1.68	3.14	0.05	0.14	0.05	0.023	0.07	7.5	8.5	0.17	113	1.92
ML04354		2.02	32.8	1.99	3.25	0.06	0.15	0.31	0.024	0.07	5.4	13.6	0.28	179	2.36
ML04355		2.11	35.5	2.38	3.31	0.05	0.19	0.07	0.025	0.08	5.8	10.6	0.35	243	2.10
ML04356		2.28	28.2	1.69	2.66	0.05	0.16	0.07	0.019	0.08	6.5	7.1	0.15	156	2.42
ML04357		2.06	17.6	1.40	2.10	<0.05	0.12	0.05	0.018	0.06	5.2	8.6	0.14	112	2.10
ML04358		2.50	17.2	1.53	2.13	<0.05	0.14	0.05	0.016	0.07	6.6	6.4	0.16	91	2.06
ML04359		1.79	20.1	1.67	2.10	<0.05	0.09	0.51	0.013	0.06	4.9	10.2	0.23	121	2.00
ML04360		1.70	21.9	1.89	3.01	0.05	0.13	0.14	0.018	0.05	5.3	13.3	0.22	129	2.28
ML04361		0.67	35.9	2.18	2.09	0.05	0.02	0.04	0.016	0.07	9.4	6.9	0.11	232	1.69
ML04362		0.95	41.7	2.29	2.94	<0.05	0.02	0.04	0.021	0.10	8.1	9.8	0.14	298	2.16
ML04363		0.73	55.9	2.57	2.08	0.07	0.02	0.06	0.021	0.08	13.9	8.0	0.09	262	2.41
ML04364		0.53	28.6	2.25	2.01	0.06	0.03	0.03	0.015	0.08	12.7	4.7	0.07	347	1.74
ML04365		0.51	39.0	1.94	1.74	0.05	0.09	0.03	0.016	0.08	12.3	5.0	0.07	313	1.64
ML04366		0.55	47.4	1.93	1.71	0.05	0.06	0.05	0.015	0.08	9.9	9.7	0.15	290	1.62
ML04367		0.58	59.9	3.07	3.09	0.07	0.19	0.07	0.024	0.10	12.4	25.5	0.38	169	2.67
ML04368		0.47	70.1	2.66	2.54	0.06	0.12	0.06	0.023	0.08	10.8	17.7	0.28	140	3.30
ML04369		0.60	61.8	3.27	3.61	0.09	0.31	0.09	0.028	0.10	12.4	33.0	0.51	163	3.48
ML04370		0.52	56.3	2.99	3.60	0.07	0.31	0.09	0.027	0.09	11.8	33.2	0.50	189	2.94
ML04371		0.52	50.8	2.51	2.54	0.07	0.18	0.06	0.025	0.08	12.4	15.3	0.23	132	2.60
ML04372		0.56	44.8	1.85	1.89	0.05	0.11	0.03	0.018	0.07	12.5	7.0	0.09	113	1.80
ML04373		0.39	34.0	1.65	1.73	<0.05	0.13	0.02	0.012	0.08	10.7	7.9	0.10	278	1.39
ML04374		0.40	34.2	1.88	1.97	0.05	0.13	0.03	0.014	0.09	13.0	9.2	0.14	292	1.72
ML04375		0.41	30.1	1.55	1.74	<0.05	0.02	0.02	0.012	0.06	10.7	5.9	0.09	262	1.84
ML04376		0.53	34.1	1.89	2.17	0.06	0.02	0.03	0.015	0.08	11.7	7.3	0.15	233	1.53
ML04377		0.58	37.8	1.83	2.08	0.07	0.03	0.02	0.016	0.08	12.4	6.6	0.13	251	1.64
ML04378		0.42	26.5	1.50	1.29	0.06	0.03	0.02	0.012	0.07	10.6	3.8	0.07	269	1.71
ML04379		0.39	15.5	1.49	1.39	0.06	0.03	0.02	0.011	0.07	10.6	2.8	0.05	231	1.62
ML04380		0.28	13.2	1.43	1.02	0.05	0.10	0.01	0.009	0.07	9.3	2.9	0.03	213	1.55
ML04381		0.34	22.3	1.35	0.91	0.05	0.09	0.02	0.011	0.06	9.1	3.1	0.05	226	1.74
ML04382		0.25	12.8	0.38	0.14	<0.05	<0.02	0.01	0.006	0.02	0.8	1.1	12.15	191	0.06
ML04383		0.22	12.2	1.11	0.66	<0.05	0.08	0.02	0.008	0.05	7.6	2.8	0.07	194	1.20
ML04384		0.22	11.2	1.06	0.65	<0.05	0.08	0.01	0.008	0.05	7.5	2.8	0.07	175	1.20
ML04385		0.34	21.4	1.31	0.89	0.05	0.09	0.02	0.010	0.06	9.6	3.2	0.04	199	2.10
ML04386		0.25	11.1	1.17	0.74	<0.05	0.11	0.01	0.009	0.06	8.8	3.0	0.03	173	1.41



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		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
ML04347		<0.05	21.2	450	9.6	3.3	0.001	0.19	3.26	2.0	0.3	0.2	15.0	<0.01	0.03
ML04348		0.05	24.3	480	16.2	3.9	0.002	0.36	3.53	2.1	0.8	0.2	17.0	<0.01	0.03
ML04349		0.05	28.4	560	11.8	4.8	0.002	0.43	4.38	2.5	0.7	0.3	21.0	<0.01	0.05
ML04350		0.05	26.7	600	18.0	4.2	0.002	0.51	4.80	2.5	1.0	0.3	18.1	<0.01	0.05
ML04351		0.05	55.6	680	22.3	5.1	0.004	1.55	5.84	2.3	2.9	0.3	22.8	<0.01	0.13
ML04352		0.05	39.3	700	16.5	4.9	0.003	0.93	5.58	2.4	1.9	0.3	26.4	<0.01	0.09
ML04353		<0.05	28.9	600	11.2	4.0	0.002	0.55	5.15	2.3	0.8	0.2	20.7	<0.01	0.06
ML04354		0.06	35.0	570	14.1	3.9	0.005	0.73	4.61	2.5	1.6	0.3	28.0	<0.01	0.06
ML04355		0.06	38.9	710	15.9	4.4	0.003	0.99	5.44	2.7	2.3	0.3	30.1	<0.01	0.09
ML04356		0.06	32.4	540	11.5	4.3	0.002	0.64	4.78	2.1	1.0	0.2	22.4	<0.01	0.10
ML04357		<0.05	23.5	410	11.3	3.6	0.001	0.48	3.49	1.8	0.7	0.2	19.9	<0.01	0.05
ML04358		0.05	19.7	490	9.3	3.9	0.001	0.49	4.17	1.9	0.7	0.2	17.3	<0.01	0.04
ML04359		<0.05	19.8	370	9.9	3.3	0.006	0.53	2.87	1.9	0.7	0.2	19.4	<0.01	0.03
ML04360		0.05	21.4	440	9.3	3.0	0.003	0.58	3.63	2.7	1.5	0.2	16.9	<0.01	0.03
ML04361		0.22	33.5	460	8.9	5.1	0.001	0.03	6.29	1.6	0.5	0.2	12.6	<0.01	0.04
ML04362		0.36	32.0	430	9.8	7.5	<0.001	0.04	3.40	2.2	0.5	0.3	17.4	<0.01	0.05
ML04363		0.16	45.0	470	10.6	5.4	<0.001	0.02	2.99	1.8	0.9	0.2	14.6	<0.01	0.05
ML04364		0.18	35.6	480	8.4	4.6	<0.001	0.02	3.37	1.9	0.7	0.2	12.5	<0.01	0.03
ML04365		0.10	39.1	400	7.5	4.8	<0.001	0.01	3.50	2.0	0.5	0.2	12.7	<0.01	0.03
ML04366		0.09	33.5	330	8.3	4.5	<0.001	<0.01	3.95	1.6	0.4	<0.2	9.3	<0.01	0.06
ML04367		0.08	41.6	830	10.3	5.7	0.001	0.03	2.92	2.1	2.2	<0.2	29.2	<0.01	0.09
ML04368		0.09	32.1	500	8.9	4.6	0.001	0.02	2.52	1.6	1.6	<0.2	22.7	<0.01	0.09
ML04369		0.07	38.3	800	11.6	5.6	0.002	0.03	2.75	1.8	4.1	<0.2	29.3	<0.01	0.16
ML04370		0.07	40.8	610	10.5	5.1	0.001	0.03	2.18	1.9	2.1	<0.2	26.2	<0.01	0.14
ML04371		0.07	24.6	590	10.5	4.6	0.001	0.03	2.25	1.7	1.0	<0.2	16.8	<0.01	0.09
ML04372		0.10	26.3	400	9.1	4.3	<0.001	0.02	3.79	1.8	0.4	0.2	17.1	<0.01	0.04
ML04373		0.07	37.0	330	6.3	4.2	<0.001	0.01	1.93	1.6	0.2	<0.2	11.8	<0.01	0.03
ML04374		0.08	29.4	370	7.1	4.4	<0.001	0.01	2.10	1.7	0.4	<0.2	11.8	<0.01	0.04
ML04375		0.20	22.3	340	7.1	4.0	<0.001	<0.01	1.62	1.6	0.3	0.2	10.4	<0.01	0.03
ML04376		0.40	21.3	380	8.4	4.8	<0.001	0.01	2.64	2.3	0.7	0.2	15.1	<0.01	0.03
ML04377		0.39	38.1	460	8.3	5.0	<0.001	0.01	1.46	2.4	0.7	0.2	17.2	<0.01	0.02
ML04378		0.21	31.6	410	6.7	4.1	<0.001	0.02	0.96	1.8	0.5	0.2	14.5	<0.01	0.02
ML04379		0.15	25.9	350	7.5	4.0	<0.001	0.01	0.96	1.7	0.5	<0.2	12.4	<0.01	0.01
ML04380		0.07	30.4	310	6.0	3.4	<0.001	0.02	0.72	1.7	0.5	<0.2	11.3	<0.01	0.01
ML04381		0.06	30.6	260	5.1	3.2	<0.001	0.02	0.79	1.5	0.4	<0.2	12.0	<0.01	0.01
ML04382		0.15	2.9	250	1.3	1.3	0.001	0.01	<0.05	0.5	0.2	<0.2	53.8	<0.01	0.02
ML04383		0.06	25.1	270	5.5	2.4	<0.001	0.01	0.68	1.2	0.4	<0.2	10.2	<0.01	0.01
ML04384		0.07	23.9	250	5.6	2.4	<0.001	0.01	0.70	1.1	0.4	<0.2	10.4	<0.01	0.01
ML04385		0.07	26.6	290	6.8	3.2	<0.001	0.02	0.92	1.4	0.4	<0.2	12.0	<0.01	0.01
ML04386		0.07	19.9	300	5.7	2.9	<0.001	0.02	0.64	1.2	0.3	<0.2	10.5	<0.01	0.01



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ML04347		<0.005	0.02	0.52	16	9.22	1.59	46	4.6
ML04348		<0.005	0.02	0.64	17	48.6	1.79	50	5.7
ML04349		<0.005	0.02	0.82	21	3.14	1.89	57	6.2
ML04350		<0.005	0.02	0.75	22	2.24	1.97	57	6.3
ML04351		<0.005	0.02	0.90	24	1.42	2.14	80	9.5
ML04352		<0.005	0.02	0.85	26	10.35	2.28	84	7.9
ML04353		<0.005	0.02	0.81	22	1.95	2.06	54	6.4
ML04354		<0.005	0.05	0.64	23	209	2.39	88	7.1
ML04355		<0.005	0.02	0.79	27	1.65	2.58	82	7.8
ML04356		<0.005	0.03	0.79	20	5.13	1.93	57	6.8
ML04357		<0.005	0.02	0.60	15	5.91	1.59	57	5.1
ML04358		<0.005	0.02	0.66	15	3.57	1.69	45	5.4
ML04359		<0.005	0.07	0.56	13	690	1.57	48	3.9
ML04360		<0.005	0.02	0.68	22	97.3	1.72	64	5.6
ML04361		0.010	0.05	0.88	17	21.7	2.79	77	<0.5
ML04362		0.015	0.07	0.84	25	8.28	3.26	69	0.9
ML04363		0.006	0.05	1.02	15	24.2	3.44	98	0.8
ML04364		0.007	0.04	0.74	15	3.33	3.52	78	1.6
ML04365		0.006	0.04	0.79	14	4.20	4.89	77	5.4
ML04366		0.005	0.04	0.66	12	1.80	3.25	79	3.8
ML04367		<0.005	0.04	0.93	24	3.68	3.44	82	12.2
ML04368		<0.005	0.03	0.64	18	2.28	2.30	67	8.5
ML04369		<0.005	0.04	0.93	27	1.80	1.73	71	17.3
ML04370		<0.005	0.03	0.89	26	1.05	1.67	69	16.0
ML04371		<0.005	0.03	0.75	16	4.03	1.55	48	9.4
ML04372		<0.005	0.03	0.74	13	1.08	2.30	53	5.0
ML04373		<0.005	0.03	0.68	12	1.74	3.54	69	5.5
ML04374		0.005	0.04	0.68	15	0.83	2.92	68	5.9
ML04375		0.009	0.04	0.59	14	4.22	2.75	46	1.5
ML04376		0.021	0.05	0.80	20	1.26	4.28	53	1.3
ML04377		0.017	0.05	1.18	18	1.84	5.74	64	1.2
ML04378		0.008	0.04	0.78	10	3.42	4.89	58	2.2
ML04379		0.006	0.04	0.60	10	3.81	4.65	64	2.2
ML04380		<0.005	0.03	0.75	7	3.01	4.63	61	4.7
ML04381		<0.005	0.03	0.61	6	6.42	4.03	53	4.2
ML04382		<0.005	<0.02	1.20	1	0.16	1.13	16	<0.5
ML04383		<0.005	0.02	0.57	4	2.97	4.14	46	3.6
ML04384		<0.005	0.02	0.53	4	1.87	3.96	45	3.5
ML04385		<0.005	0.03	0.56	6	5.21	4.32	52	4.1
ML04386		<0.005	0.02	0.41	5	1.84	3.89	42	4.7



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ML04387		0.34	<0.005	0.16	0.49	4.5	<0.2	<10	90	0.18	0.08	0.10	0.23	24.7	7.6	12
ML04388		0.48	<0.005	0.18	0.45	4.4	<0.2	<10	90	0.19	0.10	0.14	0.31	25.1	9.3	13
ML04389		0.45	<0.005	0.27	0.42	4.1	<0.2	<10	110	0.19	0.10	0.38	0.26	24.3	6.3	12
ML04390		0.65	<0.005	0.13	0.37	3.0	<0.2	<10	80	0.13	0.07	0.20	0.29	19.15	6.1	13
ML04391		0.63	<0.005	0.11	0.41	3.3	<0.2	<10	70	0.16	0.07	0.16	0.31	19.70	5.1	14
ML04392		0.65	<0.005	0.12	0.40	3.1	<0.2	<10	70	0.14	0.07	0.33	0.25	19.70	4.5	15
ML04393		0.87	<0.005	0.13	0.43	2.9	<0.2	<10	80	0.14	0.07	0.33	0.24	20.1	5.0	15
ML04394		1.15	<0.005	0.20	0.67	2.8	<0.2	<10	110	0.25	0.07	0.28	0.29	25.4	7.3	18
ML04395		0.41	<0.005	0.33	0.79	6.4	<0.2	<10	130	0.33	0.16	0.23	0.63	26.2	23.5	19
ML04396		0.44	<0.005	0.23	0.60	8.4	<0.2	<10	90	0.22	0.09	0.13	0.31	23.1	16.1	16
ML04397		0.54	<0.005	0.31	0.58	13.0	<0.2	<10	110	0.21	0.13	0.45	0.35	22.6	14.0	16
ML04398		0.55	<0.005	0.28	0.57	18.0	<0.2	<10	110	0.12	0.09	0.07	0.24	16.95	31.4	14
ML04399		0.48	<0.005	0.21	0.58	11.6	<0.2	<10	130	0.15	0.10	0.05	0.25	17.30	36.4	16
ML04400		0.54	<0.005	0.21	0.58	13.9	<0.2	<10	120	0.15	0.10	0.06	0.16	20.4	11.2	15
ML04401		0.69	<0.005	0.20	0.55	16.9	<0.2	<10	120	0.16	0.10	0.07	0.18	17.65	10.1	17
ML04402		0.82	<0.005	0.16	0.49	11.6	<0.2	<10	130	0.16	0.08	0.12	0.17	14.50	14.8	15
ML04403		0.42	0.009	0.47	0.88	64.2	<0.2	<10	140	0.29	0.17	0.08	0.25	16.50	6.8	22
ML04404		0.70	0.010	0.64	0.82	82.5	<0.2	<10	130	0.27	0.17	0.08	0.25	17.60	8.2	20
ML04405		1.46	0.009	0.33	0.64	42.4	<0.2	<10	100	0.20	0.16	0.46	0.24	15.25	5.2	15
ML04406		1.27	0.006	0.24	0.38	56.0	<0.2	<10	90	0.20	0.13	0.09	0.17	12.95	6.0	12
ML04407		0.41	0.007	0.27	0.47	38.6	<0.2	<10	100	0.26	0.18	0.29	0.26	14.55	4.7	15
ML04408		0.40	0.013	0.70	0.21	257	<0.2	<10	80	0.09	0.12	0.03	0.05	9.64	3.5	11
ML04409		0.39	0.015	0.43	0.22	173.5	<0.2	<10	80	0.09	0.13	0.07	0.50	8.26	1.9	14
ML04410		0.33	0.026	1.60	0.29	157.0	<0.2	<10	80	0.15	0.10	0.33	0.97	11.95	3.7	10
ML04411		0.41	0.016	0.78	0.61	120.5	<0.2	<10	140	0.22	0.12	0.20	0.60	14.70	5.0	17
ML04412		0.51	0.013	0.47	0.63	80.5	<0.2	<10	160	0.20	0.15	0.49	0.38	12.50	4.9	16
ML04413		0.36	0.025	0.45	0.79	55.2	<0.2	<10	170	0.27	0.15	0.35	0.46	14.80	6.3	22
ML04414		0.42	0.007	0.31	0.55	48.8	<0.2	<10	140	0.19	0.11	0.16	0.51	12.20	3.8	16
ML04415		0.45	<0.005	0.13	0.37	17.2	<0.2	<10	90	0.11	0.06	0.05	0.30	7.81	2.5	13
ML04416		0.53	0.015	0.36	0.47	68.3	<0.2	<10	100	0.18	0.09	0.22	0.60	11.45	5.3	18
ML04417		0.82	0.007	0.53	0.62	41.0	<0.2	<10	110	0.21	0.19	0.45	0.27	14.85	4.6	17
ML04418		1.02	<0.005	0.01	0.06	<2	<0.2	<10	20	<0.05	0.02	21.4	0.06	1.76	1.2	<1
ML04419		0.51	<0.005	0.09	0.39	8.0	<0.2	<10	60	0.15	0.07	0.44	0.10	13.10	4.9	13
ML04420		1.03	<0.005	0.15	0.65	18.7	<0.2	<10	90	0.25	0.11	0.55	0.14	19.75	7.4	19
ML04421		0.92	<0.005	0.17	0.30	16.6	<0.2	<10	60	0.12	0.07	0.34	0.25	13.20	5.2	13
ML04422		0.46	0.006	0.43	0.36	123.0	<0.2	<10	100	0.20	0.10	0.21	0.56	10.90	8.3	16
ML04423		0.44	0.007	0.26	0.31	114.5	<0.2	<10	90	0.18	0.08	0.34	0.68	10.85	6.7	15
ML04424		0.81	<0.005	0.17	0.26	60.3	<0.2	<10	70	0.22	0.07	0.11	0.88	8.89	8.0	15
ML04425		0.76	<0.005	0.21	0.47	40.8	<0.2	<10	130	0.21	0.10	0.09	0.71	10.40	8.8	14
ML04426		0.73	<0.005	0.10	0.24	18.5	<0.2	<10	70	0.07	0.05	0.20	0.40	8.10	14.4	15



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ML04387		0.44	15.4	1.50	1.17	0.05	0.10	0.01	0.011	0.07	10.5	3.7	0.03	312	1.41
ML04388		0.51	18.1	1.28	1.09	0.06	0.10	0.02	0.011	0.06	10.9	3.2	0.03	363	1.86
ML04389		0.42	27.1	1.41	1.11	0.05	0.10	0.03	0.013	0.08	10.4	3.0	0.06	183	1.85
ML04390		0.24	12.3	1.16	0.92	0.05	0.08	0.01	0.007	0.05	8.5	1.5	0.03	198	1.82
ML04391		0.24	11.6	1.12	0.94	0.05	0.07	0.02	0.007	0.05	8.6	2.8	0.03	153	1.94
ML04392		0.23	13.0	1.16	0.97	0.05	0.08	0.01	0.007	0.05	8.6	1.8	0.05	148	2.00
ML04393		0.25	14.1	1.18	1.05	0.05	0.08	0.02	0.008	0.05	8.8	2.8	0.05	158	1.88
ML04394		0.71	18.3	1.52	1.73	0.06	0.09	0.02	0.014	0.08	11.3	5.9	0.08	353	2.14
ML04395		0.76	30.9	1.65	1.96	0.07	0.09	0.04	0.020	0.09	11.7	10.6	0.07	1360	2.27
ML04396		0.39	25.1	1.96	1.39	0.07	0.09	0.02	0.011	0.06	10.1	7.4	0.05	692	2.06
ML04397		0.50	29.3	2.34	1.46	0.06	0.11	0.03	0.014	0.07	9.9	6.6	0.18	648	2.15
ML04398		0.39	30.5	1.94	1.92	0.08	0.12	0.03	0.010	0.07	8.3	10.6	0.13	1240	1.92
ML04399		0.33	48.5	2.81	1.94	0.09	0.12	0.03	0.010	0.06	8.6	13.1	0.15	1220	3.62
ML04400		0.49	50.7	1.99	1.94	0.08	0.12	0.03	0.012	0.07	10.2	9.3	0.13	247	3.38
ML04401		0.59	31.8	1.59	1.71	0.06	0.09	0.03	0.011	0.06	8.7	8.1	0.11	190	2.61
ML04402		0.42	23.7	1.31	1.79	0.06	0.08	0.01	0.011	0.06	7.1	6.3	0.12	139	2.40
ML04403		0.93	33.2	1.90	2.51	0.06	0.04	0.03	0.020	0.07	6.9	9.9	0.12	243	2.62
ML04404		0.94	35.3	1.97	2.33	0.05	0.03	0.03	0.022	0.06	7.4	9.6	0.12	278	2.75
ML04405		0.87	23.1	1.93	1.88	0.06	0.06	0.03	0.018	0.05	6.4	7.7	0.26	215	1.81
ML04406		1.01	27.6	2.53	1.18	0.05	0.08	0.05	0.031	0.07	5.2	9.5	0.05	134	1.95
ML04407		1.04	22.2	1.98	1.38	0.06	0.12	0.04	0.021	0.07	6.3	8.0	0.09	166	2.54
ML04408		1.00	16.9	1.98	0.70	<0.05	0.06	0.05	0.013	0.07	3.9	4.4	0.01	111	2.09
ML04409		0.80	17.1	1.18	0.76	<0.05	0.07	0.07	0.012	0.07	3.4	6.2	0.02	71	2.69
ML04410		0.59	28.4	1.64	0.83	<0.05	0.06	0.07	0.018	0.06	4.8	3.6	0.14	153	1.70
ML04411		0.66	28.5	2.06	1.69	0.05	0.12	0.04	0.025	0.08	6.2	8.8	0.15	174	2.28
ML04412		0.55	35.7	2.13	1.89	0.05	0.17	0.04	0.022	0.09	6.3	10.3	0.24	193	3.43
ML04413		0.67	41.2	2.08	2.26	0.05	0.14	0.05	0.020	0.09	7.3	9.7	0.19	211	2.83
ML04414		0.51	27.1	1.43	1.70	<0.05	0.11	0.03	0.014	0.06	6.1	7.3	0.11	159	2.20
ML04415		0.30	13.2	0.94	1.14	<0.05	0.07	0.03	0.008	0.04	3.7	4.7	0.05	113	1.63
ML04416		0.45	18.5	1.24	1.32	<0.05	0.10	0.03	0.012	0.06	5.4	5.4	0.11	196	2.37
ML04417		0.97	18.7	1.80	1.84	0.06	0.16	0.03	0.017	0.09	7.4	2.2	0.09	149	2.37
ML04418		0.38	1.4	0.46	0.16	<0.05	<0.02	<0.01	<0.005	0.04	0.8	1.1	12.85	218	0.10
ML04419		0.51	8.5	1.80	1.23	<0.05	0.09	0.02	0.007	0.05	6.3	1.8	0.13	196	1.21
ML04420		0.75	14.4	1.80	1.87	0.06	0.14	0.02	0.012	0.07	9.7	2.3	0.21	204	2.11
ML04421		0.51	11.5	1.72	0.91	<0.05	0.08	0.02	0.009	0.05	6.3	2.5	0.08	244	1.76
ML04422		0.50	35.2	2.09	1.04	<0.05	0.11	0.02	0.014	0.06	5.2	3.9	0.09	179	2.93
ML04423		0.46	23.2	1.95	0.93	<0.05	0.09	0.03	0.010	0.06	5.3	3.8	0.10	193	2.75
ML04424		0.31	21.3	1.81	0.77	<0.05	0.07	0.02	0.009	0.06	4.2	3.1	0.04	278	2.21
ML04425		0.57	35.8	1.87	1.50	<0.05	0.12	0.02	0.016	0.07	5.0	12.9	0.18	492	2.13
ML04426		0.26	14.1	1.15	0.80	<0.05	0.07	0.01	0.007	0.04	3.9	5.3	0.12	615	2.28



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ML04387		<0.05	29.6	310	6.6	3.4	<0.001	0.01	1.10	1.5	0.4	<0.2	12.0	<0.01	0.01	4.3
ML04388		0.05	31.0	300	7.5	3.3	<0.001	0.02	1.06	1.4	0.5	<0.2	11.6	<0.01	0.01	4.8
ML04389		<0.05	26.9	250	7.0	3.9	<0.001	0.05	0.90	1.4	0.9	<0.2	15.1	<0.01	0.02	4.5
ML04390		0.07	18.2	270	5.9	2.6	<0.001	0.03	0.98	1.2	0.4	<0.2	9.1	<0.01	0.01	3.7
ML04391		0.05	19.7	270	5.6	2.5	<0.001	0.03	1.98	1.3	0.4	<0.2	7.9	<0.01	0.01	3.8
ML04392		0.06	16.6	270	5.0	2.3	<0.001	0.03	1.36	1.3	0.4	<0.2	9.4	<0.01	0.01	3.8
ML04393		0.06	18.2	280	5.6	2.6	<0.001	0.03	1.15	1.4	0.4	<0.2	9.8	<0.01	0.01	4.0
ML04394		0.06	30.8	420	6.0	4.0	<0.001	0.04	1.42	1.8	0.5	0.2	16.5	<0.01	0.01	5.9
ML04395		<0.05	72.8	440	8.1	4.4	0.001	0.05	1.62	2.0	0.6	0.2	19.0	<0.01	0.03	6.8
ML04396		0.07	53.9	350	7.0	3.3	<0.001	0.05	1.34	1.7	0.6	0.2	12.0	<0.01	0.01	5.6
ML04397		0.06	57.2	370	8.7	3.8	<0.001	0.05	1.26	2.3	0.9	0.2	19.4	<0.01	0.02	5.5
ML04398		0.09	60.5	310	7.9	3.3	<0.001	0.01	1.66	1.7	0.7	<0.2	10.6	<0.01	0.02	3.1
ML04399		0.12	77.5	290	11.0	3.5	<0.001	0.01	1.80	1.7	0.8	<0.2	9.5	<0.01	0.02	3.1
ML04400		0.13	46.0	320	6.8	3.8	<0.001	0.01	2.38	1.8	0.8	<0.2	11.3	<0.01	0.02	3.5
ML04401		0.16	36.8	300	7.6	3.6	<0.001	0.01	2.41	1.8	0.7	<0.2	11.0	<0.01	0.02	3.7
ML04402		0.28	48.4	300	6.4	3.5	<0.001	0.02	2.71	1.9	0.5	0.2	11.6	<0.01	0.01	3.3
ML04403		0.22	22.6	400	25.5	4.6	<0.001	0.03	3.40	2.4	0.8	0.2	22.1	<0.01	0.04	4.8
ML04404		0.26	26.3	410	34.9	4.4	<0.001	0.03	4.28	2.4	0.9	0.3	19.4	<0.01	0.04	4.7
ML04405		0.09	17.6	320	16.7	3.7	0.001	0.04	3.97	2.0	0.9	0.2	31.2	<0.01	0.03	4.6
ML04406		0.08	21.2	560	11.5	6.2	0.001	0.07	3.89	2.0	0.9	0.2	17.3	<0.01	0.02	5.7
ML04407		0.10	16.3	630	11.5	5.3	0.002	0.09	3.13	1.8	1.3	0.2	23.6	<0.01	0.03	5.3
ML04408		0.09	10.8	210	10.2	5.5	0.001	0.07	6.68	0.9	0.7	<0.2	11.9	<0.01	0.03	3.0
ML04409		0.10	6.9	150	12.3	5.1	0.002	0.16	5.94	0.9	0.9	<0.2	13.4	<0.01	0.03	2.9
ML04410		0.07	14.6	220	46.1	4.1	0.001	0.34	9.27	1.5	1.2	0.2	15.1	<0.01	0.02	3.1
ML04411		0.10	23.3	350	22.3	4.9	0.001	0.18	4.24	2.3	1.0	0.2	19.9	<0.01	0.02	4.8
ML04412		0.09	28.4	380	12.6	4.4	0.002	0.37	2.81	2.0	1.5	0.2	25.4	<0.01	0.04	4.0
ML04413		0.12	30.1	440	16.5	4.3	0.002	0.24	3.73	2.2	1.3	0.2	26.9	<0.01	0.03	4.3
ML04414		0.12	20.3	360	11.5	3.4	0.001	0.08	2.72	1.6	0.9	0.2	18.9	<0.01	0.02	3.3
ML04415		0.09	11.4	200	5.3	2.3	<0.001	0.03	1.36	1.0	0.6	<0.2	11.4	<0.01	0.01	2.0
ML04416		0.15	22.9	320	15.5	3.1	0.001	0.07	3.14	1.5	0.7	0.2	15.8	<0.01	0.02	3.2
ML04417		0.06	18.3	420	21.1	4.3	0.001	0.34	5.03	1.7	1.0	0.2	26.3	<0.01	0.03	4.8
ML04418		0.10	2.8	240	1.4	1.8	<0.001	0.01	<0.05	0.4	0.4	<0.2	48.9	<0.01	<0.01	0.2
ML04419		0.05	13.9	280	7.7	2.7	<0.001	0.13	1.51	1.6	0.6	<0.2	24.3	<0.01	0.01	3.0
ML04420		0.07	20.4	390	9.6	3.6	0.001	0.08	3.22	2.0	0.6	0.2	26.8	<0.01	0.02	4.7
ML04421		0.06	15.3	300	7.0	2.8	<0.001	0.27	1.98	1.4	0.6	<0.2	18.7	<0.01	0.01	2.9
ML04422		0.08	31.6	330	8.7	3.3	0.001	0.07	6.07	1.5	0.9	<0.2	14.4	<0.01	0.03	3.5
ML04423		0.06	25.2	270	8.2	3.2	<0.001	0.09	5.25	1.3	0.8	<0.2	17.0	<0.01	0.02	2.9
ML04424		0.07	31.1	230	6.0	2.6	<0.001	0.12	5.78	1.2	0.8	<0.2	9.4	<0.01	0.02	2.9
ML04425		<0.05	50.8	250	5.1	3.4	0.001	0.06	4.77	1.3	0.8	<0.2	11.4	<0.01	0.04	3.1
ML04426		0.08	30.4	240	3.1	1.9	0.001	0.06	1.32	0.9	0.6	<0.2	14.7	<0.01	0.02	2.0



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ML04387		<0.005	0.03	0.55	8	1.70	4.91	67	4.3
ML04388		<0.005	0.03	0.60	7	1.89	4.23	70	4.3
ML04389		<0.005	0.03	0.64	8	2.78	3.74	60	4.5
ML04390		<0.005	0.02	0.44	6	2.66	3.26	48	3.1
ML04391		<0.005	0.02	0.51	6	3.43	3.51	46	3.0
ML04392		<0.005	0.02	0.46	7	2.18	3.24	37	3.0
ML04393		<0.005	0.02	0.47	7	2.47	3.28	39	3.3
ML04394		<0.005	0.03	0.47	11	2.05	3.95	50	4.1
ML04395		<0.005	0.03	0.80	11	2.19	5.01	87	4.5
ML04396		<0.005	0.03	1.02	9	2.03	3.99	76	3.8
ML04397		<0.005	0.03	0.95	11	2.04	4.16	96	4.6
ML04398		0.006	0.03	0.83	11	1.97	2.68	90	5.2
ML04399		<0.005	0.03	1.18	10	2.46	2.73	90	5.2
ML04400		<0.005	0.03	1.24	10	2.48	2.87	79	5.9
ML04401		<0.005	0.03	1.33	10	1.91	2.74	73	4.5
ML04402		0.007	0.04	2.79	12	1.32	2.80	65	3.6
ML04403		0.006	0.05	1.18	19	1.18	3.25	49	2.9
ML04404		0.007	0.05	1.31	19	1.17	3.35	57	1.8
ML04405		<0.005	0.04	0.76	13	3.49	2.35	52	3.8
ML04406		<0.005	0.08	0.90	10	5.78	1.56	61	4.3
ML04407		<0.005	0.07	0.86	10	5.24	2.54	50	5.9
ML04408		<0.005	0.12	0.39	7	3.15	0.90	50	3.5
ML04409		<0.005	0.12	0.37	6	3.05	0.78	41	3.5
ML04410		<0.005	0.07	0.63	7	3.16	2.02	92	3.1
ML04411		<0.005	0.06	1.02	12	3.52	2.37	84	5.9
ML04412		<0.005	0.04	0.93	14	3.42	2.46	74	8.3
ML04413		0.006	0.04	1.11	19	3.94	3.40	83	7.2
ML04414		0.005	0.03	0.75	13	3.89	2.56	59	5.1
ML04415		<0.005	0.02	0.40	8	6.90	1.61	32	2.9
ML04416		<0.005	0.03	0.55	9	5.54	2.60	71	4.3
ML04417		<0.005	0.04	0.67	11	5.19	2.07	67	7.7
ML04418		<0.005	<0.02	0.64	2	0.10	1.09	19	<0.5
ML04419		<0.005	0.02	0.43	8	4.54	1.81	33	4.0
ML04420		<0.005	0.03	0.67	12	4.10	2.59	45	6.2
ML04421		<0.005	0.04	0.45	8	5.92	1.96	54	3.5
ML04422		<0.005	0.04	1.15	8	4.09	2.94	140	5.0
ML04423		<0.005	0.04	0.67	7	4.76	3.32	125	4.4
ML04424		<0.005	0.03	0.75	6	2.29	3.39	167	3.2
ML04425		<0.005	0.04	0.99	11	2.54	3.21	131	5.6
ML04426		<0.005	0.02	0.41	6	5.88	1.38	61	3.0



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ML04427		1.04	<0.005	0.15	0.27	82.0	<0.2	<10	70	0.13	0.07	0.52	0.49	6.95	6.2	13
ML04428		1.60	<0.005	0.15	0.30	104.5	<0.2	<10	80	0.15	0.08	0.49	0.62	8.56	5.9	14
ML04429		1.37	0.111	0.62	0.22	1060	<0.2	<10	50	0.12	0.07	0.10	0.46	8.25	3.5	13
ML04430		0.77	0.285	1.45	0.23	1680	<0.2	<10	70	0.15	0.09	0.10	0.37	11.95	6.6	13
ML04431		0.79	0.147	7.03	0.24	1440	<0.2	<10	80	0.17	0.04	0.12	0.68	7.23	6.2	15
ML04432		1.34	0.047	1.29	0.38	518	<0.2	<10	80	0.16	0.11	0.69	0.42	8.46	6.0	15
ML04433		0.87	0.008	0.40	0.52	140.5	<0.2	<10	90	0.21	0.13	0.24	0.30	10.95	9.4	18
ML04434		1.08	0.006	0.28	0.34	62.3	<0.2	<10	80	0.18	0.10	0.29	0.25	10.35	6.4	17
ML04435		1.01	<0.005	0.21	0.26	27.2	<0.2	<10	70	0.11	0.09	0.25	0.17	8.15	29.4	16
ML04436		0.75	0.005	0.37	0.48	45.4	<0.2	<10	110	0.17	0.14	0.26	0.29	10.40	9.5	18
ML04437		0.94	0.007	0.29	0.32	33.5	<0.2	<10	100	0.19	0.15	0.30	0.15	10.35	34.3	15
ML04438		0.80	<0.005	0.29	0.97	26.2	<0.2	<10	150	0.35	0.21	0.25	0.19	15.50	10.6	25
ML04439		0.96	<0.005	0.20	1.06	22.3	<0.2	<10	130	0.28	0.16	0.36	0.17	15.25	135.5	31
ML04440		1.67	<0.005	0.15	0.16	10.7	<0.2	<10	50	0.08	0.07	0.13	0.07	5.56	109.5	25
ML04441		0.15	0.007	0.36	0.67	27.7	<0.2	<10	160	0.24	0.12	0.09	0.15	9.36	8.8	22
ML04442		0.44	0.007	0.38	0.55	32.2	<0.2	<10	120	0.20	0.12	0.12	0.19	9.37	5.4	17
ML04443		0.84	0.006	0.39	0.53	32.2	<0.2	<10	100	0.21	0.14	0.10	0.21	9.00	6.1	21
ML04444		1.07	0.006	0.32	0.50	19.4	<0.2	<10	90	0.19	0.12	0.07	0.15	7.79	5.7	23
ML04445		0.44	0.007	0.36	0.58	26.7	<0.2	<10	100	0.22	0.16	0.08	0.20	8.48	6.5	18
ML04446		0.30	0.008	0.31	0.50	31.0	<0.2	<10	100	0.19	0.14	0.09	0.20	8.20	5.7	18
ML04447		0.45	0.008	0.30	0.60	24.3	<0.2	<10	130	0.23	0.13	0.24	0.21	8.03	5.6	22
ML04448		0.29	<0.005	0.23	0.45	18.1	<0.2	<10	80	0.18	0.11	0.29	0.19	7.04	4.4	14
ML04449		0.94	0.007	0.24	0.53	17.6	<0.2	<10	110	0.23	0.15	0.26	0.21	7.62	5.3	17
ML04450		0.48	0.011	0.29	0.50	24.0	<0.2	<10	110	0.24	0.18	0.15	0.20	6.73	5.2	15
ML04451		0.41	0.009	0.29	0.51	22.1	<0.2	<10	140	0.22	0.17	0.15	0.21	6.30	4.9	18
ML04452		0.70	0.009	0.30	0.56	16.3	<0.2	<10	130	0.27	0.19	0.15	0.23	6.48	5.7	15
ML04453		1.24	0.008	0.30	0.64	16.3	<0.2	<10	140	0.28	0.18	0.19	0.26	7.60	6.0	18
ML04454		0.76	<0.005	0.02	0.03	<2	<0.2	<10	10	<0.05	0.02	20.4	0.06	1.12	0.6	1
ML04455		1.09	0.006	0.23	0.67	11.5	<0.2	<10	130	0.27	0.19	0.10	0.26	8.07	5.7	17
ML04456		1.04	0.008	0.27	0.54	15.4	<0.2	<10	130	0.25	0.17	0.46	0.28	7.39	5.0	13
ML04457		1.31	<0.005	0.16	0.43	11.7	<0.2	<10	90	0.23	0.11	0.66	0.19	6.98	4.6	18
ML04458		1.27	0.006	0.28	0.55	9.2	<0.2	<10	110	0.23	0.14	0.42	0.24	10.45	4.8	15
ML04459		0.47	0.007	0.36	0.64	13.3	<0.2	<10	130	0.25	0.18	0.26	0.26	12.60	5.2	19
ML04460		0.87	<0.005	0.03	0.03	3	<0.2	<10	10	<0.05	0.02	20.7	0.04	1.09	0.5	1
ML04461		0.63	<0.005	0.19	0.36	7.6	<0.2	<10	110	0.14	0.11	0.47	0.21	9.46	3.6	13
ML04462		0.85	0.006	0.19	0.35	10.4	<0.2	<10	100	0.16	0.12	0.26	0.11	9.61	2.7	14
ML04463		1.15	0.014	0.34	0.44	18.7	<0.2	<10	120	0.23	0.15	0.44	0.19	8.80	3.6	14
ML04464		1.15	0.021	0.66	0.34	35.4	<0.2	<10	170	0.14	0.21	0.12	0.04	9.13	1.5	14
ML04465		1.49	0.016	0.68	0.43	54.0	<0.2	<10	200	0.16	0.21	0.02	0.02	10.95	1.1	17
ML04466		1.46	0.011	0.37	0.56	39.3	<0.2	<10	170	0.16	0.20	0.05	0.03	13.40	1.6	19



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ML04427		0.30	21.0	1.50	0.69	<0.05	0.07	0.02	0.010	0.05	3.3	2.4	0.16	165	2.16
ML04428		0.27	20.9	1.49	0.79	<0.05	0.07	0.02	0.010	0.05	4.1	3.0	0.17	134	2.24
ML04429		0.67	40.9	1.44	0.62	<0.05	0.07	0.01	0.008	0.04	4.0	1.9	0.04	60	1.90
ML04430		1.48	35.3	2.30	0.64	<0.05	0.08	0.03	0.010	0.08	5.8	0.9	0.01	49	2.47
ML04431		0.97	27.7	1.85	0.58	<0.05	0.09	0.04	0.008	0.08	3.3	1.4	0.03	97	2.87
ML04432		1.16	40.5	2.30	1.13	<0.05	0.11	0.02	0.015	0.07	3.9	6.4	0.22	257	2.71
ML04433		1.21	23.9	1.80	1.61	0.05	0.10	0.03	0.015	0.06	5.3	3.0	0.08	251	2.87
ML04434		1.07	16.4	1.21	1.04	<0.05	0.09	0.03	0.011	0.06	5.1	3.2	0.08	136	3.00
ML04435		0.67	21.4	1.03	0.81	<0.05	0.07	0.30	0.010	0.04	3.9	2.1	0.11	191	2.61
ML04436		1.03	40.0	1.58	1.51	0.05	0.13	0.04	0.018	0.06	5.1	4.1	0.13	170	3.23
ML04437		0.79	29.6	1.57	0.98	<0.05	0.10	0.41	0.015	0.06	4.9	4.1	0.12	227	2.67
ML04438		1.42	24.1	1.78	2.76	0.06	0.13	0.03	0.018	0.09	7.7	4.8	0.13	171	2.69
ML04439		1.12	15.2	2.02	2.98	0.08	0.08	1.18	0.017	0.08	7.3	4.2	0.22	207	3.42
ML04440		0.31	22.7	1.15	0.58	<0.05	0.04	0.49	0.010	0.03	2.5	1.4	0.06	150	11.75
ML04441		0.58	38.9	1.87	2.15	<0.05	0.09	0.13	0.018	0.11	4.5	6.0	0.08	183	3.07
ML04442		0.52	41.1	1.90	1.71	<0.05	0.10	0.06	0.016	0.08	4.6	5.0	0.08	198	2.26
ML04443		0.52	47.3	1.98	1.69	<0.05	0.10	0.06	0.017	0.07	4.4	5.7	0.07	202	2.82
ML04444		0.49	40.3	1.69	1.49	<0.05	0.08	0.06	0.014	0.06	3.8	5.7	0.07	175	3.04
ML04445		0.56	53.6	2.06	1.73	0.05	0.09	0.06	0.018	0.07	4.1	5.6	0.07	215	2.87
ML04446		0.50	46.0	1.80	1.44	<0.05	0.09	0.05	0.015	0.06	4.0	5.0	0.07	185	3.31
ML04447		0.53	44.5	1.87	1.73	<0.05	0.10	0.05	0.015	0.09	3.8	5.8	0.11	247	3.39
ML04448		0.34	37.0	1.49	1.21	0.10	0.10	0.03	0.014	0.06	3.1	4.0	0.09	207	2.13
ML04449		0.42	53.3	1.69	1.44	0.10	0.12	0.04	0.020	0.07	3.3	4.5	0.09	209	3.04
ML04450		0.47	59.6	1.85	1.43	0.10	0.16	0.05	0.020	0.06	2.9	4.1	0.07	191	3.65
ML04451		0.46	57.9	1.79	1.47	0.08	0.17	0.04	0.020	0.08	2.7	4.5	0.07	186	3.59
ML04452		0.48	55.2	1.90	1.62	0.09	0.18	0.05	0.021	0.07	2.8	4.9	0.07	197	3.17
ML04453		0.52	55.0	1.96	1.70	0.10	0.18	0.04	0.021	0.08	3.2	5.5	0.08	198	3.16
ML04454		0.10	1.8	0.40	0.08	0.07	<0.02	0.01	<0.005	0.01	0.5	0.8	12.45	183	0.07
ML04455		0.53	48.8	1.75	1.79	0.09	0.17	0.10	0.019	0.07	3.3	5.1	0.06	164	2.71
ML04456		0.51	55.7	1.69	1.45	0.10	0.16	0.09	0.018	0.07	3.1	5.1	0.15	223	2.84
ML04457		0.38	36.8	1.46	1.10	0.10	0.11	0.09	0.016	0.06	2.9	4.1	0.20	175	2.80
ML04458		0.63	77.8	2.10	1.55	0.10	0.19	0.03	0.019	0.06	4.3	10.4	0.21	228	3.85
ML04459		0.69	45.0	2.00	2.10	0.11	0.19	0.06	0.021	0.08	5.2	6.9	0.15	135	4.52
ML04460		0.12	1.7	0.41	0.09	0.07	<0.02	<0.01	<0.005	0.02	0.5	0.9	12.65	181	0.11
ML04461		0.44	20.5	1.24	0.96	0.09	0.13	0.03	0.011	0.07	3.9	4.5	0.19	115	2.89
ML04462		0.44	26.1	1.22	1.07	0.10	0.11	0.03	0.012	0.06	4.2	5.2	0.14	83	3.01
ML04463		0.81	45.3	1.81	1.24	0.09	0.20	0.04	0.018	0.06	3.7	6.2	0.22	150	3.86
ML04464		0.72	34.9	1.79	1.57	0.10	0.31	0.06	0.033	0.08	4.3	5.1	0.12	65	12.40
ML04465		0.70	53.2	2.10	1.94	0.10	0.29	0.07	0.033	0.09	5.0	9.0	0.14	73	11.05
ML04466		0.61	88.8	2.51	2.14	0.09	0.11	0.04	0.038	0.07	5.5	16.1	0.26	109	4.26



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ML04427		<0.05	26.1	320	5.1	2.3	<0.001	0.20	2.98	1.2	0.8	<0.2	20.2	<0.01	0.02	2.8
ML04428		0.07	24.3	240	4.6	2.3	<0.001	0.29	6.23	1.3	1.0	<0.2	21.0	<0.01	0.02	2.8
ML04429		0.08	14.1	190	40.5	2.5	0.001	0.77	22.2	0.9	0.7	0.2	21.9	<0.01	0.03	2.2
ML04430		0.07	21.6	350	69.9	5.1	0.001	1.91	27.6	0.9	1.1	0.4	20.9	<0.01	0.05	3.6
ML04431		0.05	46.6	290	23.1	4.7	0.001	1.38	37.5	0.9	1.6	0.3	10.7	<0.01	0.03	3.0
ML04432		0.11	36.1	1790	9.3	4.4	0.001	1.79	27.3	1.6	2.2	0.2	39.6	<0.01	0.03	2.1
ML04433		0.05	32.2	560	9.1	3.4	0.002	0.72	11.35	1.4	1.8	0.2	18.2	<0.01	0.02	3.5
ML04434		0.05	24.7	550	6.6	3.1	0.002	0.44	8.24	1.0	1.2	0.2	19.9	<0.01	0.02	3.5
ML04435		0.06	18.4	230	4.3	2.5	0.003	0.34	5.24	1.0	1.1	<0.2	15.2	<0.01	0.03	2.4
ML04436		0.05	34.4	440	7.4	3.2	0.003	0.61	7.72	1.6	2.0	0.2	19.7	<0.01	0.04	3.5
ML04437		<0.05	25.6	380	6.6	3.0	0.005	0.59	8.66	1.1	1.5	<0.2	20.5	<0.01	0.04	3.3
ML04438		0.06	32.8	680	11.4	4.4	0.003	0.45	8.35	2.1	1.4	0.3	22.2	<0.01	0.03	5.8
ML04439		0.06	24.5	690	10.8	3.8	0.010	0.30	5.90	2.2	1.1	0.3	23.5	<0.01	0.03	5.6
ML04440		<0.05	18.3	140	3.9	1.7	0.005	0.43	2.44	0.6	0.7	0.2	11.8	<0.01	0.02	1.7
ML04441		0.10	25.8	250	6.9	5.2	0.001	0.04	2.13	1.8	1.2	0.2	17.8	<0.01	0.04	3.2
ML04442		0.08	28.4	280	8.4	3.8	0.001	0.04	2.28	1.7	1.3	0.2	16.4	<0.01	0.04	3.6
ML04443		0.12	31.7	290	9.1	3.3	0.001	0.04	2.45	1.8	1.4	0.2	16.1	<0.01	0.05	3.8
ML04444		0.10	28.2	250	6.8	2.9	0.001	0.02	1.75	1.6	1.1	0.2	14.7	<0.01	0.03	3.3
ML04445		0.06	35.7	320	9.0	3.2	0.001	0.03	2.34	1.9	1.3	0.2	16.4	<0.01	0.04	3.9
ML04446		0.06	29.4	300	8.8	2.8	0.001	0.04	2.32	1.6	1.1	0.2	15.0	<0.01	0.04	3.6
ML04447		0.08	30.4	300	8.5	4.0	<0.001	0.03	1.97	1.9	1.0	0.2	20.5	<0.01	0.03	3.5
ML04448		0.07	25.5	280	6.3	2.8	0.001	0.02	1.79	1.5	0.3	0.2	15.9	<0.01	0.02	2.9
ML04449		0.06	32.4	310	7.2	3.2	<0.001	0.02	2.32	1.8	0.8	0.2	20.7	<0.01	0.05	3.8
ML04450		<0.05	34.3	340	9.3	3.0	<0.001	0.04	2.26	1.8	0.6	0.2	23.7	<0.01	0.06	4.1
ML04451		0.05	32.6	280	8.6	3.8	0.002	0.03	2.02	1.8	0.9	0.2	26.6	<0.01	0.04	3.8
ML04452		<0.05	36.9	380	9.3	3.4	0.002	0.03	1.92	1.9	0.5	0.2	28.1	<0.01	0.05	4.3
ML04453		<0.05	36.9	380	9.5	3.8	0.001	0.03	1.90	2.1	0.8	0.2	31.3	<0.01	0.04	4.6
ML04454		<0.05	1.6	210	1.3	0.6	<0.001	0.01	0.08	0.2	<0.2	<0.2	54.0	<0.01	0.02	<0.2
ML04455		0.05	30.5	390	8.9	3.6	0.001	0.01	1.41	2.0	0.7	0.2	23.7	<0.01	0.04	4.4
ML04456		<0.05	31.2	330	8.0	3.7	0.001	0.03	2.79	2.0	0.6	0.2	33.1	<0.01	0.03	3.8
ML04457		0.07	28.1	280	8.2	3.0	0.001	0.03	1.45	1.4	0.7	0.2	26.2	<0.01	0.02	3.5
ML04458		<0.05	38.4	280	8.7	3.2	0.003	0.07	1.09	1.9	1.1	0.2	24.1	<0.01	0.04	3.9
ML04459		<0.05	27.3	390	10.5	3.8	0.005	0.07	1.62	1.8	1.5	0.2	27.3	<0.01	0.06	4.9
ML04460		<0.05	1.5	190	1.4	0.8	<0.001	<0.01	0.07	0.3	<0.2	<0.2	47.9	<0.01	0.01	<0.2
ML04461		<0.05	17.5	190	6.4	3.2	0.001	0.11	1.63	1.3	1.0	<0.2	27.5	<0.01	0.02	2.9
ML04462		<0.05	15.7	190	5.9	3.1	0.001	0.10	2.17	1.2	0.7	0.2	21.7	<0.01	<0.01	2.8
ML04463		<0.05	23.3	300	10.5	3.1	0.003	0.14	4.47	1.7	1.0	0.2	36.1	<0.01	0.03	4.0
ML04464		<0.05	12.1	220	9.9	4.2	0.009	0.13	9.20	1.0	1.6	0.2	20.5	<0.01	0.10	3.4
ML04465		<0.05	13.5	200	8.5	4.5	0.008	0.12	13.60	1.1	3.3	0.2	16.6	<0.01	0.06	3.4
ML04466		<0.05	14.1	290	6.6	3.5	0.004	0.11	7.05	1.2	2.4	0.2	12.7	<0.01	0.06	3.3



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ML04427		<0.005	0.02	0.76	6	4.29	2.23	115	3.1
ML04428		<0.005	0.02	0.72	6	3.96	2.40	130	3.1
ML04429		<0.005	0.04	0.60	4	3.64	2.63	50	2.5
ML04430		<0.005	0.07	0.68	5	4.75	3.28	41	3.1
ML04431		<0.005	0.07	0.84	5	4.77	2.54	121	3.6
ML04432		<0.005	0.07	0.70	10	4.84	3.96	89	5.0
ML04433		<0.005	0.05	0.62	9	6.86	2.44	83	4.8
ML04434		<0.005	0.03	0.48	6	8.89	2.23	49	4.0
ML04435		<0.005	0.05	0.34	6	171.5	1.30	36	2.9
ML04436		<0.005	0.03	0.64	13	15.40	2.06	73	6.1
ML04437		<0.005	0.07	0.49	8	280	2.02	60	4.2
ML04438		<0.005	0.04	0.92	17	8.54	2.74	69	6.2
ML04439		<0.005	0.14	0.82	17	860	2.62	49	3.4
ML04440		<0.005	0.06	0.22	5	690	0.88	22	1.8
ML04441		<0.005	0.05	0.60	17	49.0	2.03	60	5.8
ML04442		<0.005	0.04	0.65	14	11.15	2.24	65	6.2
ML04443		<0.005	0.03	0.74	14	12.45	2.31	68	6.5
ML04444		<0.005	0.02	0.65	12	14.50	2.04	54	5.3
ML04445		<0.005	0.03	0.81	14	12.35	2.49	68	6.5
ML04446		<0.005	0.03	0.67	12	10.05	2.16	62	5.7
ML04447		<0.005	0.03	0.67	14	6.66	2.49	62	6.0
ML04448		<0.005	0.03	0.58	9	5.94	2.18	47	4.5
ML04449		<0.005	0.03	0.74	11	7.20	2.39	53	6.3
ML04450		<0.005	0.02	0.79	11	5.10	2.44	60	7.5
ML04451		<0.005	0.03	0.74	11	6.08	2.25	54	8.0
ML04452		<0.005	0.04	0.80	12	3.89	2.51	59	8.8
ML04453		<0.005	0.03	0.88	12	5.10	2.75	58	9.3
ML04454		<0.005	<0.02	0.68	1	0.46	0.86	13	<0.5
ML04455		<0.005	0.04	0.84	12	4.03	2.44	52	8.4
ML04456		<0.005	0.03	0.89	10	3.06	2.71	47	8.1
ML04457		<0.005	0.03	0.66	8	4.18	2.24	46	4.3
ML04458		<0.005	0.02	0.83	11	2.99	2.51	64	8.8
ML04459		<0.005	0.04	0.72	14	4.66	2.53	56	9.1
ML04460		<0.005	<0.02	0.69	1	0.26	0.79	12	<0.5
ML04461		<0.005	0.03	0.50	7	4.34	2.00	33	6.6
ML04462		<0.005	0.03	0.55	7	6.64	1.83	29	5.5
ML04463		<0.005	0.04	1.34	10	3.28	2.91	42	9.4
ML04464		<0.005	0.04	0.84	14	4.08	1.35	34	17.8
ML04465		<0.005	0.04	0.84	16	2.14	1.09	43	15.8
ML04466		<0.005	0.02	0.63	16	3.15	1.07	47	6.4



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
ML04467		1.42	0.007	0.20	0.39	24.1	<0.2	<10	190	0.12	0.16	0.02	0.02	11.60	1.7	19
ML04468		1.20	0.011	0.42	0.94	41.9	<0.2	<10	220	0.18	0.22	0.06	0.03	17.60	2.4	25
ML04469		1.36	0.007	0.19	0.85	43.5	<0.2	<10	190	0.19	0.20	0.12	0.06	14.20	4.1	24
ML04470		1.17	0.014	0.33	0.48	34.7	<0.2	<10	200	0.11	0.19	0.07	0.03	14.45	1.6	19
ML04471		0.60	<0.005	0.13	0.61	51.8	<0.2	<10	90	0.17	0.10	0.08	0.06	13.80	3.8	22
ML04472		0.82	<0.005	0.07	0.34	16.7	<0.2	<10	50	0.09	0.06	0.21	0.10	10.80	2.9	20
ML04473		0.71	0.009	0.27	0.55	16.6	<0.2	<10	100	0.25	0.18	0.15	0.17	8.11	5.2	20
ML04474		0.69	0.009	0.30	0.52	16.3	<0.2	<10	100	0.26	0.17	0.16	0.18	8.15	4.9	20
ML04475		0.75	0.009	0.26	0.57	13.8	<0.2	<10	110	0.24	0.17	0.11	0.17	7.34	5.1	19
ML04476		1.84	0.008	0.29	0.62	12.7	<0.2	<10	110	0.26	0.17	0.11	0.18	7.50	5.1	17
ML04477		1.87	0.008	0.22	0.55	10.2	<0.2	<10	90	0.20	0.14	0.22	0.17	6.64	4.3	18
ML04478		0.88	0.008	0.30	0.60	13.0	<0.2	<10	100	0.28	0.17	0.17	0.19	7.59	5.8	19
ML04479		1.25	0.007	0.22	0.53	12.9	<0.2	<10	130	0.22	0.15	0.25	0.16	6.71	4.7	18
ML04480		0.49	0.008	0.26	0.56	17.7	<0.2	<10	140	0.25	0.16	0.34	0.15	7.64	4.1	15
ML04481		0.46	0.008	0.26	0.54	12.4	<0.2	<10	130	0.20	0.16	0.11	0.13	7.24	4.1	16
ML04482		0.41	0.007	0.22	0.54	11.0	<0.2	<10	110	0.20	0.15	0.09	0.14	7.46	3.5	16
ML04483		0.51	0.005	0.27	0.68	13.1	<0.2	<10	110	0.32	0.18	0.24	0.22	8.53	4.9	18
ML04484		0.67	0.009	0.39	0.50	17.7	<0.2	<10	130	0.26	0.17	0.18	0.21	7.86	5.6	16
ML04485		1.02	0.016	0.50	0.47	17.0	<0.2	<10	150	0.28	0.19	0.16	0.16	5.78	4.2	16
ML04486		0.52	0.005	0.27	0.50	8.9	<0.2	<10	110	0.24	0.11	0.28	0.21	7.06	3.8	14
ML04487		0.73	0.007	0.32	0.59	12.6	<0.2	<10	110	0.26	0.13	0.18	0.22	10.10	4.7	15
ML04488		0.95	0.008	0.57	0.56	20.5	<0.2	<10	140	0.25	0.22	0.07	0.13	6.57	3.0	21
ML04489		1.24	0.011	0.49	0.43	20.4	<0.2	<10	160	0.24	0.19	0.05	0.07	6.27	1.5	17
ML04490		1.00	<0.005	0.05	0.03	<2	<0.2	<10	10	<0.05	0.02	18.65	0.05	1.02	0.6	1
ML04491		1.27	0.013	0.47	0.34	10.5	<0.2	<10	170	0.16	0.18	0.04	0.03	6.48	0.8	14
ML04492		1.34	0.008	0.30	0.36	7.5	<0.2	<10	160	0.12	0.17	0.14	0.01	5.89	0.7	15
ML04493		1.11	0.012	0.38	0.60	6.4	<0.2	<10	190	0.15	0.18	0.04	0.02	3.72	1.3	19
ML04494		0.90	0.008	0.35	0.59	11.5	<0.2	<10	200	0.10	0.19	0.03	0.01	6.59	1.1	21
ML04495		0.91	0.008	0.63	0.78	12.8	<0.2	<10	190	0.17	0.19	0.03	0.06	6.99	2.5	21
ML04496		1.14	0.007	0.33	0.63	9.6	<0.2	<10	150	0.17	0.19	0.04	0.08	5.76	2.9	18
ML04497		1.14	0.018	0.78	0.43	35.4	<0.2	<10	170	0.21	0.27	0.04	0.08	8.56	3.0	15
ML04498		1.80	<0.005	0.28	0.53	8.2	<0.2	<10	80	0.15	0.18	0.11	0.40	10.80	7.7	22
ML04499		0.94	<0.005	0.26	0.54	11.9	<0.2	<10	80	0.23	0.11	0.08	0.24	10.20	4.4	20
ML04500		0.71	<0.005	0.20	0.38	5.5	<0.2	<10	70	0.24	0.08	0.16	0.32	6.98	4.2	18
L836501		0.83	<0.005	0.13	0.32	6.7	<0.2	<10	60	0.15	0.08	0.14	0.23	7.44	3.5	17
L836502		1.13	<0.005	0.18	0.46	10.3	<0.2	<10	90	0.28	0.11	0.14	0.40	10.20	4.3	20
L836503		0.92	0.011	0.32	0.50	21.9	<0.2	<10	150	0.29	0.15	0.29	0.79	5.96	4.1	17
L836504		1.18	0.010	0.47	0.68	35.6	<0.2	<10	160	0.32	0.22	0.18	0.30	6.89	5.0	19
L836505		1.12	<0.005	0.18	0.27	12.5	<0.2	<10	80	0.18	0.08	0.34	0.21	7.64	2.8	15
L836506		0.68	<0.005	0.03	0.03	2	<0.2	<10	10	<0.05	0.02	19.50	0.04	0.97	0.5	<1



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
ML04467		0.57	33.2	1.54	1.80	0.10	0.08	0.03	0.016	0.08	5.2	10.0	0.15	77	3.91
ML04468		0.78	49.3	2.55	3.54	0.11	0.21	0.06	0.032	0.11	7.7	32.1	0.47	136	4.10
ML04469		0.68	72.3	2.79	2.70	0.10	0.11	0.02	0.020	0.10	5.9	23.9	0.33	216	3.29
ML04470		0.52	47.4	1.92	1.94	0.10	0.17	0.02	0.020	0.09	6.1	12.5	0.21	87	4.97
ML04471		0.48	37.2	2.55	1.56	0.10	0.08	0.01	0.018	0.06	5.3	6.2	0.10	139	3.13
ML04472		0.19	27.9	1.45	0.88	0.12	0.06	0.01	0.010	0.04	4.6	2.7	0.06	132	3.52
ML04473		0.55	92.7	2.12	1.60	0.10	0.11	0.03	0.023	0.06	3.4	5.1	0.09	190	8.47
ML04474		0.53	94.4	2.05	1.55	0.10	0.11	0.02	0.020	0.06	3.4	5.0	0.09	190	9.51
ML04475		0.49	64.5	1.98	1.60	0.09	0.10	0.04	0.020	0.07	3.1	5.0	0.07	199	4.31
ML04476		0.54	55.8	2.01	1.70	0.09	0.10	0.03	0.019	0.07	3.2	6.0	0.09	202	3.19
ML04477		0.44	40.9	1.67	1.53	0.09	0.12	0.01	0.014	0.06	2.8	4.8	0.11	179	2.61
ML04478		0.52	57.2	1.94	1.64	0.11	0.12	0.04	0.020	0.06	3.2	5.7	0.11	217	3.72
ML04479		0.40	50.4	1.75	1.39	0.09	0.16	0.04	0.015	0.08	2.9	3.5	0.08	255	3.01
ML04480		0.52	57.7	2.01	1.57	0.09	0.16	0.03	0.021	0.08	3.3	4.0	0.12	315	2.76
ML04481		0.53	49.5	1.87	1.57	0.08	0.14	0.03	0.020	0.07	3.0	4.0	0.06	179	3.13
ML04482		0.51	36.8	1.59	1.66	0.09	0.16	0.13	0.018	0.06	3.2	4.6	0.05	143	2.53
ML04483		0.67	44.0	2.01	1.77	0.10	0.17	0.10	0.021	0.07	3.6	5.6	0.08	221	3.00
ML04484		0.64	58.4	2.01	1.59	0.05	0.19	0.07	0.021	0.07	3.9	4.5	0.07	251	4.42
ML04485		0.63	78.6	2.15	1.77	<0.05	0.34	0.04	0.028	0.07	2.9	5.8	0.08	189	8.84
ML04486		0.46	62.7	1.60	1.34	<0.05	0.22	0.03	0.022	0.06	3.4	5.8	0.11	137	4.11
ML04487		0.63	59.3	1.86	1.66	0.07	0.20	0.04	0.018	0.07	4.8	7.8	0.11	154	5.16
ML04488		1.26	77.4	2.55	2.12	<0.05	0.40	0.07	0.026	0.07	3.3	13.7	0.17	109	12.70
ML04489		0.67	47.7	2.02	1.89	<0.05	0.38	0.06	0.019	0.07	3.2	11.0	0.15	77	12.60
ML04490		0.12	1.3	0.39	0.11	<0.05	<0.02	<0.01	0.007	0.01	0.6	1.0	11.75	173	0.13
ML04491		0.52	20.6	1.33	1.70	<0.05	0.16	0.04	0.016	0.07	3.3	8.8	0.14	63	6.38
ML04492		0.51	24.5	1.42	1.69	<0.05	0.08	0.09	0.012	0.07	3.0	12.0	0.22	65	3.14
ML04493		0.85	33.0	1.95	2.31	<0.05	0.20	0.07	0.015	0.08	2.0	20.7	0.30	86	3.63
ML04494		0.47	31.9	1.84	2.30	<0.05	0.22	0.04	0.016	0.09	3.4	18.1	0.28	84	5.77
ML04495		0.68	40.2	2.69	2.73	<0.05	0.21	0.03	0.019	0.10	3.7	25.6	0.32	99	4.84
ML04496		0.60	34.5	2.95	2.29	<0.05	0.17	0.03	0.017	0.08	2.9	17.5	0.23	96	3.05
ML04497		0.72	61.1	2.84	1.83	<0.05	0.26	0.07	0.024	0.09	4.6	8.5	0.13	78	3.96
ML04498		0.45	48.5	1.85	1.72	0.06	0.08	0.01	0.025	0.05	5.2	11.5	0.13	289	3.62
ML04499		0.54	50.6	1.83	1.65	<0.05	0.09	0.02	0.022	0.06	4.8	9.8	0.10	107	3.59
ML04500		0.38	51.4	1.41	0.99	<0.05	0.09	0.02	0.021	0.05	3.4	4.9	0.07	117	3.48
L836501		0.31	30.6	1.11	0.83	<0.05	0.06	0.01	0.012	0.05	3.7	3.7	0.06	100	3.04
L836502		0.40	38.6	1.57	1.29	<0.05	0.07	0.01	0.011	0.07	5.0	4.0	0.06	173	3.45
L836503		0.50	80.0	2.24	1.45	<0.05	0.17	0.03	0.020	0.08	2.8	6.7	0.12	353	4.49
L836504		0.86	66.7	2.48	2.16	<0.05	0.25	0.03	0.030	0.09	3.5	8.7	0.15	126	6.51
L836505		0.33	24.7	0.93	0.83	<0.05	0.07	0.01	0.010	0.05	3.9	2.8	0.11	82	2.80
L836506		0.09	1.1	0.35	0.09	<0.05	<0.02	<0.01	0.006	0.01	0.5	0.9	12.15	170	0.12



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CERTIFICATE OF ANALYSIS WH11164054

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
ML04467		<0.05	12.6	140	5.2	4.1	0.003	0.06	6.88	1.0	1.2	0.2	12.5	<0.01	0.06	2.4
ML04468		<0.05	34.8	400	13.2	5.4	0.013	0.14	7.59	1.6	2.7	0.2	39.6	<0.01	0.09	4.0
ML04469		<0.05	30.1	310	7.0	5.0	0.002	0.15	6.37	1.8	1.0	0.2	13.2	<0.01	0.06	3.6
ML04470		<0.05	16.2	200	6.7	4.6	0.006	0.11	4.48	1.1	4.1	0.2	16.9	<0.01	0.06	3.0
ML04471		<0.05	18.8	390	7.3	2.9	0.003	0.10	2.56	1.5	0.2	0.2	11.1	<0.01	0.02	3.8
ML04472		0.08	13.5	220	4.7	1.8	0.001	0.07	1.29	1.1	0.2	0.2	12.6	<0.01	0.01	3.0
ML04473		0.05	33.9	340	10.9	3.0	0.001	0.04	2.21	1.8	1.0	0.2	21.6	<0.01	0.05	4.1
ML04474		0.07	31.3	330	9.4	3.1	0.001	0.04	2.05	1.7	0.8	0.2	21.1	<0.01	0.02	4.1
ML04475		0.07	34.1	360	8.1	3.2	<0.001	0.03	1.78	1.8	0.8	0.2	19.2	<0.01	0.04	4.2
ML04476		0.06	34.1	350	8.0	3.2	0.001	0.02	1.80	1.8	0.9	0.2	17.9	<0.01	0.04	4.4
ML04477		0.07	27.7	310	6.5	2.9	<0.001	0.01	1.42	1.6	0.3	0.2	19.1	<0.01	0.04	3.6
ML04478		0.06	36.9	360	8.3	3.1	<0.001	0.02	1.70	1.9	1.0	0.2	20.6	<0.01	0.05	4.5
ML04479		0.05	32.5	290	6.5	3.4	<0.001	0.02	2.36	1.7	0.4	0.2	20.9	<0.01	0.04	3.6
ML04480		<0.05	27.5	340	7.8	3.9	<0.001	0.02	2.88	1.9	0.9	0.2	34.7	<0.01	0.06	3.7
ML04481		<0.05	27.3	330	7.8	3.6	0.001	0.02	1.66	1.8	0.9	0.2	24.1	<0.01	0.04	3.7
ML04482		0.07	22.1	350	8.4	3.2	0.002	0.02	1.59	1.6	0.4	0.2	23.2	<0.01	0.04	3.8
ML04483		0.05	28.6	560	11.0	3.5	0.001	0.03	2.22	2.1	0.5	0.2	30.2	<0.01	0.03	5.0
ML04484		0.05	28.4	400	10.7	3.6	0.001	0.03	2.71	1.9	1.1	0.2	29.8	<0.01	0.04	4.0
ML04485		0.05	29.6	290	10.9	3.6	0.003	0.03	2.52	2.3	1.6	0.2	37.3	<0.01	0.06	4.0
ML04486		0.08	24.4	280	6.8	3.0	0.001	0.05	1.77	1.7	1.5	0.2	23.9	<0.01	0.06	3.4
ML04487		<0.05	24.2	340	7.5	3.4	0.002	0.05	1.79	1.9	0.8	0.2	22.0	<0.01	0.02	4.4
ML04488		0.07	32.1	360	18.1	3.7	0.005	0.10	2.30	1.5	2.0	0.2	17.4	<0.01	0.04	4.1
ML04489		0.11	18.1	250	11.2	3.6	0.003	0.09	2.28	1.1	2.1	0.2	14.1	<0.01	0.04	2.9
ML04490		<0.05	1.2	200	1.3	0.7	<0.001	<0.01	0.07	0.2	<0.2	<0.2	49.3	<0.01	<0.01	<0.2
ML04491		<0.05	9.5	140	6.8	3.7	0.004	0.06	1.52	0.8	3.5	<0.2	14.1	<0.01	0.06	2.1
ML04492		0.06	7.4	110	5.4	3.5	<0.001	0.07	0.95	0.7	1.6	0.2	10.3	<0.01	0.07	1.9
ML04493		<0.05	21.7	200	6.2	4.0	0.009	0.09	1.17	1.1	2.1	0.2	18.2	<0.01	0.06	2.3
ML04494		<0.05	17.9	210	8.8	4.2	0.003	0.09	0.89	0.9	1.7	0.2	12.1	<0.01	0.06	2.7
ML04495		<0.05	27.7	430	9.8	5.2	0.005	0.09	1.79	1.2	2.9	0.2	18.6	<0.01	0.06	3.4
ML04496		0.10	25.2	380	7.2	4.3	0.002	0.06	1.77	1.1	1.8	0.2	11.4	<0.01	0.08	3.4
ML04497		<0.05	23.5	380	18.8	4.6	0.008	0.10	3.87	1.1	3.1	0.2	18.4	<0.01	0.11	4.2
ML04498		0.06	25.0	300	15.0	2.8	0.003	0.04	1.33	1.5	1.3	0.2	9.9	<0.01	<0.01	4.6
ML04499		<0.05	23.1	440	10.0	3.2	0.004	0.06	1.87	1.7	0.8	0.2	13.7	<0.01	0.02	5.0
ML04500		0.08	29.0	210	5.1	2.7	<0.001	0.06	0.96	1.6	1.2	0.2	11.9	<0.01	0.03	3.7
L836501		0.07	18.0	210	5.5	2.5	0.001	0.05	1.10	1.0	0.3	0.2	10.4	<0.01	0.03	3.2
L836502		0.09	22.5	280	7.3	3.2	<0.001	0.05	2.50	1.4	0.9	0.2	12.4	<0.01	0.02	3.6
L836503		0.06	36.9	290	7.6	3.9	0.001	0.23	2.75	2.0	1.7	0.2	21.9	<0.01	0.03	3.5
L836504		<0.05	33.4	380	9.5	4.3	0.005	0.45	4.31	2.0	3.1	0.2	21.9	<0.01	0.03	4.7
L836505		0.05	13.8	260	4.2	2.6	<0.001	0.08	1.62	1.0	0.8	<0.2	17.4	<0.01	0.04	2.5
L836506		<0.05	0.8	230	1.2	0.6	<0.001	<0.01	0.05	0.1	<0.2	<0.2	52.6	<0.01	0.02	<0.2



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
ML04467		<0.005	0.03	0.32	12	2.74	0.78	37	5.1
ML04468		<0.005	0.03	0.85	22	1.55	1.60	90	10.9
ML04469		<0.005	0.03	0.51	18	1.90	1.56	77	6.3
ML04470		<0.005	0.03	0.37	13	1.77	1.03	50	7.7
ML04471		<0.005	0.02	0.67	11	3.60	2.15	50	3.6
ML04472		<0.005	<0.02	0.39	6	4.88	1.58	25	2.6
ML04473		<0.005	0.03	0.77	12	2.79	2.44	62	6.8
ML04474		<0.005	0.03	0.70	11	2.97	2.31	59	6.6
ML04475		<0.005	0.03	0.78	12	1.65	2.37	61	6.3
ML04476		<0.005	0.02	0.74	14	1.69	2.47	62	6.5
ML04477		<0.005	0.02	0.53	12	3.57	2.19	48	6.3
ML04478		<0.005	0.02	0.67	13	5.13	2.55	63	6.9
ML04479		<0.005	0.03	0.67	11	1.81	2.30	57	6.7
ML04480		<0.005	0.03	0.75	12	2.04	2.32	55	7.8
ML04481		<0.005	0.03	0.69	12	2.85	2.08	49	7.2
ML04482		<0.005	0.02	0.67	11	2.43	1.92	40	7.1
ML04483		<0.005	0.03	0.89	12	2.70	2.76	51	8.0
ML04484		<0.005	0.04	0.73	12	4.05	2.71	55	9.5
ML04485		<0.005	0.04	1.47	12	3.74	2.07	48	16.5
ML04486		<0.005	0.03	0.95	10	1.68	2.11	41	9.4
ML04487		<0.005	0.03	0.97	12	2.86	2.26	45	10.0
ML04488		<0.005	0.04	1.02	17	2.01	1.47	60	18.9
ML04489		<0.005	0.04	0.64	17	2.34	1.21	38	19.3
ML04490		<0.005	<0.02	0.65	2	0.08	0.79	12	<0.5
ML04491		<0.005	0.04	0.34	12	1.70	0.71	22	7.6
ML04492		<0.005	0.04	0.53	11	1.86	0.50	24	5.1
ML04493		<0.005	0.03	0.63	16	1.81	0.80	45	9.2
ML04494		<0.005	0.04	0.37	16	2.21	0.74	37	10.2
ML04495		<0.005	0.04	0.41	19	1.84	1.10	57	10.3
ML04496		<0.005	0.05	0.37	15	1.89	1.08	50	8.2
ML04497		<0.005	0.04	0.61	13	1.33	1.60	85	11.9
ML04498		<0.005	0.03	0.78	9	4.75	2.06	64	3.7
ML04499		<0.005	0.02	0.87	10	4.24	1.97	55	4.8
ML04500		<0.005	0.02	0.93	7	4.03	2.08	57	4.2
L836501		<0.005	0.02	0.70	5	3.68	1.66	36	2.8
L836502		<0.005	0.03	1.07	9	3.24	2.35	53	3.0
L836503		<0.005	0.04	1.01	11	2.43	2.83	80	8.3
L836504		<0.005	0.05	0.87	14	1.56	2.20	73	9.3
L836505		<0.005	0.02	0.54	5	5.14	1.88	31	2.8
L836506		<0.005	<0.02	0.53	1	0.23	0.85	12	<0.5



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CERTIFICATE OF ANALYSIS WH11164054

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
L836507		1.02	0.014	0.25	0.78	38.2	<0.2	<10	90	0.20	0.16	0.24	0.08	15.90	1.7	18
L836508		0.98	0.042	0.26	0.55	206	<0.2	<10	70	0.16	0.14	0.08	0.08	20.4	1.2	16
L836509		0.91	0.019	0.22	0.42	99.3	<0.2	<10	60	0.15	0.10	0.07	0.06	23.5	1.2	13
L836510		1.08	<0.005	0.15	0.50	34.7	<0.2	<10	40	0.11	0.10	0.06	0.05	20.1	1.3	21
L836511		0.60	0.006	0.13	0.49	31.7	<0.2	<10	60	0.15	0.08	0.06	0.08	19.00	1.8	25
L836512		1.02	<0.005	0.16	0.98	26.0	<0.2	<10	50	0.24	0.16	0.11	0.08	40.8	2.1	23
L836513		1.03	<0.005	0.10	0.46	12.9	<0.2	<10	40	0.17	0.07	0.05	0.06	22.6	1.8	21
L836514		1.50	<0.005	0.12	0.43	19.2	<0.2	<10	60	0.16	0.12	0.07	0.06	23.5	1.9	19
L836515		0.29	<0.005	0.12	0.57	12.9	<0.2	<10	50	0.16	0.11	0.08	0.08	27.0	2.8	16
L836516		0.54	<0.005	0.25	1.31	26.5	<0.2	<10	70	0.40	0.18	0.26	0.18	27.8	9.3	27
L836517		0.40	<0.005	0.30	0.91	25.0	<0.2	<10	60	0.22	0.13	0.16	0.25	20.0	7.2	20
L836518		0.39	0.009	0.36	0.20	16.0	<0.2	<10	30	0.08	0.06	0.05	0.52	10.85	3.4	12
L836519		0.82	0.006	0.12	0.07	8.5	<0.2	<10	10	0.05	0.03	0.02	0.46	8.04	1.7	11
L836520		0.86	<0.005	0.10	0.09	6.8	<0.2	<10	10	<0.05	0.03	1.57	0.98	8.38	2.2	14
L836521		1.34	0.005	0.14	0.23	21.4	<0.2	<10	20	0.09	0.06	0.86	0.63	9.37	3.3	10
L836522		1.27	0.033	0.21	0.16	54.8	<0.2	<10	20	0.07	0.08	0.12	0.41	8.90	3.2	8
L836523		1.71	1.300	1.31	0.13	1720	2.4	<10	20	0.05	0.08	0.05	0.55	7.91	3.0	6
L836524		1.64	0.608	0.25	0.10	354	<0.2	<10	10	<0.05	0.06	0.04	0.42	6.17	2.0	8
L836525		1.25	0.031	0.25	0.07	48.9	<0.2	<10	10	<0.05	0.11	0.03	0.46	5.68	1.8	8
L836526		0.72	0.006	0.02	0.10	3	<0.2	<10	20	<0.05	0.02	17.95	0.05	1.48	0.6	1
L836527		0.62	0.018	0.24	0.31	63.0	<0.2	<10	20	0.09	0.08	0.09	1.73	11.05	3.8	12
L836528		1.15	0.077	0.25	0.28	85.2	<0.2	<10	50	0.14	0.11	0.32	1.34	11.90	7.2	8
L836529		0.81	0.766	6.75	0.22	2400	0.3	<10	40	0.13	0.28	0.10	11.90	11.45	5.6	7
L836530		1.32	0.963	10.25	0.06	3300	1.2	<10	10	<0.05	0.25	0.02	18.75	4.28	1.5	7
L836531		0.77	0.156	0.94	0.11	1185	<0.2	<10	10	<0.05	0.04	0.03	3.57	5.81	0.9	5
L836532		1.28	1.280	10.45	0.13	5690	0.3	<10	30	0.06	0.18	0.06	12.25	8.00	3.9	9
L836533		1.44	0.937	4.41	0.30	3940	0.3	<10	50	0.13	0.14	0.14	5.18	12.95	6.1	8
L836534		1.39	0.289	1.49	0.46	1370	<0.2	<10	70	0.21	0.27	0.30	3.02	11.80	13.0	10
L836535		1.55	0.236	2.43	0.46	1535	<0.2	<10	50	0.15	0.18	1.00	3.91	10.05	7.5	13
L836536		0.85	0.228	1.09	0.26	1345	<0.2	<10	40	0.07	0.07	0.08	1.10	12.35	3.4	9
L836537		1.85	0.095	1.15	0.35	935	<0.2	<10	60	0.12	0.32	0.13	4.62	15.90	14.0	10
L836538		0.97	0.039	1.30	0.59	431	<0.2	<10	60	0.17	0.26	0.31	1.25	11.35	11.4	12
L836539		0.68	0.033	0.57	1.98	201	<0.2	<10	60	0.20	0.08	0.44	1.23	14.05	24.8	50
L836540		1.31	0.057	0.56	2.96	264	<0.2	<10	20	0.34	0.04	2.29	1.78	7.65	29.0	64
L836541		1.80	0.149	0.76	1.92	453	<0.2	<10	30	0.26	0.05	1.18	1.72	8.99	19.9	38
L836542		1.16	0.072	0.61	2.24	336	<0.2	<10	50	0.35	0.05	1.46	0.84	10.30	26.7	42
L836543		1.03	0.033	0.72	3.70	654	<0.2	<10	40	0.30	0.03	5.19	0.63	11.70	33.4	77
L836544		1.72	0.090	0.48	3.36	211	<0.2	<10	30	0.45	0.04	2.10	0.52	15.10	41.3	53
L836545		1.67	0.048	0.45	1.52	235	<0.2	<10	20	0.20	0.05	1.52	0.41	8.92	27.1	55
L836546		1.71	0.163	1.01	0.33	550	<0.2	<10	40	0.07	0.07	0.13	1.22	9.46	4.4	13



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
L836507		1.57	22.5	1.38	2.21	<0.05	0.03	0.01	0.018	0.06	7.5	4.4	0.17	96	3.72
L836508		1.67	15.2	1.18	1.77	0.05	0.03	0.01	0.015	0.06	9.7	3.8	0.07	63	2.50
L836509		1.54	16.0	1.15	1.60	<0.05	0.06	0.01	0.013	0.05	11.5	4.5	0.06	52	2.63
L836510		0.82	16.7	1.35	1.73	0.05	0.05	0.01	0.012	0.03	9.7	8.2	0.11	68	3.13
L836511		0.65	24.7	1.36	1.58	<0.05	0.09	0.02	0.014	0.03	9.4	8.1	0.10	84	4.10
L836512		1.59	13.0	2.00	3.02	0.07	0.08	<0.01	0.019	0.07	18.8	12.5	0.20	88	2.29
L836513		1.13	10.4	1.18	1.34	0.05	0.08	<0.01	0.010	0.05	11.4	5.5	0.08	51	2.93
L836514		1.29	11.3	1.37	1.38	<0.05	0.09	<0.01	0.011	0.08	11.6	4.9	0.06	46	3.08
L836515		1.07	12.3	1.33	1.70	<0.05	0.07	<0.01	0.012	0.06	12.4	7.3	0.10	66	1.73
L836516		1.62	22.0	2.92	4.04	0.07	0.10	0.01	0.020	0.08	13.5	22.7	0.33	174	1.89
L836517		1.52	17.8	2.18	2.69	0.05	0.10	0.01	0.014	0.07	10.1	14.6	0.23	126	1.67
L836518		0.81	7.6	0.93	0.60	<0.05	0.07	0.01	0.010	0.04	5.6	2.8	0.03	43	2.16
L836519		0.19	5.3	0.42	0.29	<0.05	0.04	0.03	<0.005	0.02	4.0	0.7	0.01	30	2.24
L836520		0.19	5.6	1.04	0.31	<0.05	0.04	0.01	0.006	0.01	4.2	3.4	0.73	410	2.33
L836521		0.50	6.7	1.11	0.62	<0.05	0.04	0.01	0.005	0.02	4.7	5.5	0.44	184	1.08
L836522		0.51	5.7	0.84	0.43	<0.05	0.04	0.01	0.006	0.03	4.5	2.3	0.05	55	0.97
L836523		0.37	5.2	1.08	0.39	<0.05	0.04	<0.01	0.005	0.02	4.0	1.5	0.02	45	0.73
L836524		0.23	4.6	0.82	0.28	<0.05	0.03	0.04	<0.005	0.02	3.1	1.2	0.02	41	0.92
L836525		0.22	2.2	0.68	0.22	<0.05	0.03	<0.005	0.02	2.8	0.6	0.01	0.01	33	0.94
L836526		0.56	1.4	0.34	0.28	<0.05	<0.02	<0.01	0.005	0.08	0.7	2.4	11.45	180	0.12
L836527		0.93	10.3	1.12	0.77	<0.05	0.05	0.01	0.008	0.04	5.8	3.9	0.06	78	1.19
L836528		0.82	21.6	1.49	0.90	<0.05	0.09	0.03	0.023	0.06	6.3	4.0	0.16	144	1.02
L836529		0.81	15.5	1.60	0.64	<0.05	0.06	0.14	0.143	0.06	5.8	2.3	0.03	121	0.87
L836530		0.23	7.0	0.83	0.26	<0.05	0.02	0.24	0.187	0.01	2.1	0.5	0.01	43	0.86
L836531		0.28	3.3	0.74	0.24	<0.05	0.03	0.04	0.037	0.02	2.8	0.7	0.01	39	0.43
L836532		0.80	8.8	1.91	0.37	<0.05	0.04	0.12	0.177	0.03	4.1	1.4	0.01	38	1.16
L836533		1.08	11.0	2.17	0.77	<0.05	0.05	0.03	0.064	0.06	6.6	3.9	0.06	94	0.93
L836534		1.71	20.2	3.49	1.26	<0.05	0.07	0.04	0.044	0.07	6.2	7.1	0.13	243	1.19
L836535		1.57	12.5	3.00	1.23	<0.05	0.06	0.06	0.056	0.05	5.3	7.5	0.44	223	1.21
L836536		0.96	12.3	1.26	0.83	<0.05	0.04	0.02	0.018	0.05	6.4	3.2	0.08	82	1.07
L836537		1.60	20.3	2.63	1.01	<0.05	0.08	0.04	0.037	0.07	7.9	3.1	0.04	87	1.70
L836538		1.62	25.8	2.96	1.49	<0.05	0.05	0.03	0.031	0.06	6.1	9.3	0.17	228	1.50
L836539		2.00	72.2	4.33	5.65	<0.05	0.03	0.04	0.035	0.05	6.5	44.0	1.18	465	1.04
L836540		1.36	95.0	4.77	6.32	0.08	0.06	0.03	0.036	0.02	3.4	38.0	2.04	1110	0.86
L836541		1.26	100.5	3.43	3.70	0.05	0.07	0.04	0.029	0.03	4.3	22.8	1.15	652	1.03
L836542		3.64	102.5	3.67	5.85	0.08	0.10	0.04	0.022	0.03	4.8	28.6	1.58	475	2.12
L836543		3.32	117.0	5.69	9.90	0.09	0.03	0.02	0.045	0.03	5.1	46.3	2.93	1220	0.88
L836544		1.64	163.5	6.60	9.45	0.09	0.07	0.20	0.057	0.03	5.9	43.4	2.00	705	0.96
L836545		1.25	88.3	4.53	4.74	<0.05	0.02	0.10	0.042	0.03	3.8	24.6	1.09	480	1.04
L836546		0.81	10.2	1.32	1.02	<0.05	0.04	0.04	0.016	0.04	5.0	4.3	0.12	103	1.39



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
L836507		<0.05	11.5	390	9.6	3.1	0.002	0.02	2.51	1.4	0.6	0.2	12.8	<0.01	0.03	4.4
L836508		0.07	8.2	410	10.7	3.2	<0.001	0.02	2.24	1.3	0.4	0.2	9.0	<0.01	0.03	4.7
L836509		0.06	8.6	350	8.6	2.9	0.001	0.01	1.57	1.2	0.4	0.2	7.3	<0.01	0.06	4.2
L836510		0.09	8.2	340	12.2	1.7	<0.001	<0.01	1.25	1.3	<0.2	0.2	5.8	<0.01	0.01	3.3
L836511		0.11	10.7	290	6.2	1.9	<0.001	<0.01	1.18	1.5	0.5	0.2	8.8	<0.01	0.03	3.6
L836512		0.05	12.3	630	11.6	4.0	0.002	0.04	1.79	2.5	0.9	0.3	9.6	<0.01	0.03	7.4
L836513		0.07	9.0	280	6.4	2.5	0.002	0.10	0.99	1.0	0.5	0.2	4.8	<0.01	0.03	4.1
L836514		0.07	9.0	380	5.7	4.2	0.001	0.17	0.81	1.2	1.4	0.2	5.6	<0.01	0.05	5.6
L836515		0.05	11.0	360	7.8	3.5	0.001	0.10	1.00	1.2	<0.2	0.2	6.0	<0.01	0.02	4.7
L836516		0.05	27.6	690	13.2	4.9	0.001	0.51	2.24	2.9	1.8	0.3	11.7	<0.01	0.06	7.2
L836517		<0.05	21.9	500	12.0	3.8	0.003	0.49	2.19	1.8	0.9	0.2	8.1	<0.01	0.03	5.3
L836518		0.08	10.4	160	7.9	2.4	0.001	0.54	2.45	0.4	<0.2	<0.2	3.8	<0.01	<0.01	2.6
L836519		0.05	4.1	70	3.1	1.0	<0.001	0.11	0.79	0.2	<0.2	<0.2	1.5	<0.01	<0.01	1.3
L836520		0.08	6.4	130	3.5	0.9	<0.001	0.23	0.93	0.5	<0.2	<0.2	9.6	<0.01	<0.01	1.4
L836521		<0.05	10.0	170	4.3	1.6	0.001	0.44	1.27	0.5	0.4	<0.2	7.2	<0.01	0.01	2.0
L836522		0.09	11.4	160	6.4	1.8	<0.001	0.54	1.65	0.3	0.4	<0.2	3.3	<0.01	0.01	2.0
L836523		0.05	7.4	130	27.2	1.5	0.001	0.74	3.73	0.2	0.5	<0.2	2.6	<0.01	0.01	1.6
L836524		0.07	6.0	100	15.2	1.3	<0.001	0.57	2.84	0.2	<0.2	<0.2	2.3	<0.01	0.01	1.3
L836525		0.10	5.3	100	9.7	1.2	<0.001	0.54	2.01	0.1	0.2	<0.2	1.6	<0.01	<0.01	1.2
L836526		0.05	1.6	250	1.2	3.1	<0.001	0.02	<0.05	0.4	0.3	<0.2	41.4	<0.01	<0.01	<0.2
L836527		0.07	20.3	240	15.5	2.4	0.001	0.60	1.57	0.7	0.5	<0.2	3.2	<0.01	0.03	2.5
L836528		0.05	26.9	270	18.8	4.0	0.002	0.89	1.58	0.8	1.3	<0.2	6.4	<0.01	0.02	3.3
L836529		<0.05	20.3	220	1410	4.1	0.001	1.09	7.56	0.6	2.2	<0.2	4.7	<0.01	0.06	2.6
L836530		0.12	4.3	60	2170	0.9	<0.001	0.56	11.30	0.2	2.2	0.2	1.1	<0.01	0.06	0.9
L836531		0.05	4.6	150	170.0	1.6	0.001	0.50	3.74	0.2	0.4	<0.2	2.8	<0.01	0.02	1.2
L836532		0.10	15.4	230	1110	2.8	<0.001	1.61	11.00	0.3	1.9	<0.2	4.2	<0.01	0.08	1.8
L836533		<0.05	21.9	270	485	4.1	0.001	1.49	7.03	0.7	1.6	<0.2	7.3	<0.01	0.05	3.0
L836534		<0.05	47.2	540	184.5	4.7	0.002	2.54	4.01	0.9	2.9	<0.2	11.0	<0.01	0.05	4.5
L836535		<0.05	28.2	450	387	3.4	0.001	1.74	5.77	0.9	1.7	<0.2	12.8	<0.01	0.03	3.5
L836536		0.05	15.7	220	82.4	3.5	0.001	0.74	2.61	0.6	0.8	<0.2	3.8	<0.01	0.02	2.7
L836537		<0.05	46.1	500	137.0	4.4	0.001	2.33	3.15	0.8	2.6	<0.2	8.8	<0.01	0.06	5.0
L836538		<0.05	39.4	400	75.3	3.9	0.003	1.62	3.24	1.1	2.7	<0.2	8.9	<0.01	0.05	4.6
L836539		<0.05	52.0	500	110.5	3.0	0.001	0.58	2.62	8.7	0.8	<0.2	12.3	<0.01	0.02	2.8
L836540		0.09	55.0	560	59.4	1.2	<0.001	0.33	1.75	10.3	0.6	0.2	49.2	<0.01	0.01	0.8
L836541		0.12	42.6	590	70.7	1.9	0.002	0.52	2.26	3.4	0.8	<0.2	23.1	<0.01	0.03	1.4
L836542		0.16	82.0	550	44.9	1.9	0.004	0.72	2.83	5.6	2.0	0.2	22.0	<0.01	0.02	2.7
L836543		<0.05	70.9	540	40.2	1.8	0.001	0.36	2.63	18.6	1.0	<0.2	117.5	<0.01	0.01	1.3
L836544		<0.05	81.8	660	29.8	2.3	0.002	0.88	3.58	23.7	1.0	0.2	37.4	<0.01	0.01	1.2
L836545		<0.05	51.0	450	46.5	2.2	0.001	0.79	3.12	11.2	0.6	<0.2	16.1	<0.01	0.01	1.0
L836546		<0.05	16.7	250	95.0	2.5	0.001	0.65	2.34	0.9	0.7	<0.2	4.9	<0.01	0.01	2.3



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CERTIFICATE OF ANALYSIS WH11164054

Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
L836507		<0.005	0.04	0.58	15	0.67	1.85	25	2.8
L836508		<0.005	0.08	0.56	12	0.81	1.77	25	2.5
L836509		<0.005	0.07	0.60	10	1.29	2.21	18	3.7
L836510		<0.005	0.05	0.39	11	1.54	1.81	17	2.9
L836511		<0.005	0.03	0.52	10	1.38	1.77	22	4.6
L836512		<0.005	0.06	0.62	20	2.01	2.50	31	3.9
L836513		<0.005	0.04	0.36	8	4.02	1.58	15	3.2
L836514		<0.005	0.05	0.33	8	3.21	1.92	19	3.6
L836515		<0.005	0.04	0.35	9	1.82	2.19	29	3.1
L836516		<0.005	0.08	0.52	24	1.21	3.79	65	4.7
L836517		<0.005	0.09	0.48	18	2.98	2.91	57	4.1
L836518		<0.005	0.11	0.26	4	9.43	1.30	22	2.5
L836519		<0.005	0.04	0.14	1	12.80	0.73	4	1.5
L836520		<0.005	0.05	0.15	2	8.37	2.13	41	1.2
L836521		<0.005	0.05	0.18	3	3.84	1.51	26	1.4
L836522		<0.005	0.07	0.17	2	2.21	1.03	18	1.5
L836523		<0.005	0.07	0.17	2	2.59	0.89	29	1.3
L836524		<0.005	0.34	0.14	2	2.73	0.72	19	1.1
L836525		<0.005	0.10	0.14	1	4.59	0.69	19	1.0
L836526		<0.005	<0.02	0.52	2	0.08	0.95	14	<0.5
L836527		<0.005	0.12	0.35	5	2.49	1.58	39	2.2
L836528		<0.005	0.19	0.35	5	2.28	1.92	117	3.5
L836529		<0.005	0.14	0.32	4	1.88	1.92	1180	2.3
L836530		<0.005	0.05	0.11	1	1.52	0.82	1760	0.7
L836531		<0.005	0.06	0.27	1	0.92	1.22	346	0.9
L836532		<0.005	0.11	0.27	2	1.73	1.34	1410	1.4
L836533		<0.005	0.10	0.35	4	1.84	1.98	501	1.6
L836534		<0.005	0.12	0.49	7	0.96	2.59	384	2.7
L836535		<0.005	0.13	0.43	7	1.46	2.55	451	2.4
L836536		<0.005	0.12	0.29	4	2.48	1.70	125	1.6
L836537		<0.005	0.21	0.57	6	1.71	2.27	276	3.0
L836538		<0.005	0.19	0.43	9	0.70	1.95	204	2.1
L836539		0.005	0.22	0.83	71	0.97	3.15	206	1.4
L836540		0.285	0.06	0.28	101	0.15	5.99	274	1.2
L836541		0.230	0.22	0.26	56	0.25	4.43	226	1.7
L836542		0.215	0.24	0.38	96	0.42	6.68	121	2.6
L836543		0.102	0.15	0.20	162	0.16	8.56	112	0.9
L836544		0.086	0.55	0.46	179	0.37	10.55	111	1.5
L836545		<0.005	0.42	0.39	81	0.53	4.15	105	0.6
L836546		<0.005	0.18	0.27	7	6.87	1.57	149	1.5



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CERTIFICATE OF ANALYSIS WH11164054

Method	CERTIFICATE COMMENTS
ME- MS41 ME- MS41	Interference: Ca> 10% on ICP- MS As,ICP- AES results shown. Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).



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CERTIFICATE WH11176165

Project: Mount Hinton

P.O. No.:

This report is for 177 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30- AUG- 2011.

The following have access to data associated with this certificate:

DOUG EATON

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- MS41	51 anal. aqua regia ICPMS	

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ATTN: JOAN MARIACHER
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH11176165

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
L836547		0.65	0.007	0.22	0.84	62.7	<0.2	<10	40	0.15	0.10	0.08	0.07	22.1	2.4	17
L836548		1.38	<0.005	0.23	0.58	42.5	<0.2	<10	60	0.19	0.15	0.04	0.04	32.7	1.1	17
L836549		1.64	<0.005	0.11	0.65	23.6	<0.2	<10	40	0.13	0.08	0.05	0.07	27.6	1.0	19
L836550		0.47	<0.005	0.11	0.51	20.5	<0.2	<10	30	0.12	0.09	0.05	0.09	26.1	0.9	14
L836551		0.74	<0.005	0.12	0.73	39.1	<0.2	<10	40	0.15	0.12	0.08	0.09	29.8	1.0	17
L836552		0.66	0.021	0.26	0.61	235	<0.2	<10	40	0.13	0.10	0.08	0.08	28.2	0.8	18
L836553		1.03	0.073	0.28	0.17	364	<0.2	<10	20	0.05	0.04	0.01	0.02	13.60	0.4	12
L836554		1.75	0.146	0.29	0.17	317	<0.2	<10	20	<0.05	0.03	0.01	0.02	12.60	0.4	10
L836555		0.33	0.014	0.16	0.60	59.6	<0.2	<10	50	0.10	0.07	0.03	0.03	18.15	1.2	16
L836556		0.65	0.006	0.15	0.60	52.1	<0.2	<10	40	0.11	0.10	0.04	0.05	23.4	1.2	15
L836557		1.44	<0.005	0.16	0.95	53.1	<0.2	<10	60	0.23	0.14	0.08	0.13	38.4	1.3	19
L836558		1.83	<0.005	0.14	0.81	227	<0.2	<10	40	0.15	0.10	0.06	0.15	33.1	0.9	22
L836559		0.67	0.047	0.21	0.46	324	<0.2	<10	40	0.11	0.11	0.03	0.08	26.1	0.8	15
L836560		0.30	0.173	0.37	0.24	146.5	<0.2	<10	40	0.07	0.05	0.03	0.03	18.35	0.5	10
L836561		0.77	0.016	0.30	0.80	69.8	<0.2	<10	90	0.22	0.13	0.12	0.35	26.9	6.7	21
L836562		0.66	<0.005	<0.01	0.04	2	<0.2	<10	10	<0.05	0.02	19.15	0.05	1.34	0.9	1
L836563		1.16	0.011	0.17	0.51	36.8	<0.2	<10	80	0.13	0.06	0.19	0.30	19.15	4.3	17
L836564		1.55	0.008	0.26	0.42	47.5	<0.2	<10	620	0.12	0.06	0.15	0.32	19.80	3.9	16
L836565		0.71	0.043	0.22	0.31	46.6	<0.2	<10	80	0.11	0.06	0.08	0.29	17.80	3.0	13
L836566		0.90	0.011	0.20	0.22	56.7	<0.2	<10	60	0.08	0.05	0.10	0.33	16.25	4.8	15
L836567		0.33	0.011	0.17	0.12	34.4	<0.2	<10	30	<0.05	0.02	0.14	0.14	9.68	30.4	11
L836568		0.45	0.006	0.12	0.10	34.7	<0.2	<10	20	<0.05	0.02	2.47	0.12	9.46	1.8	12
L836569		1.61	0.020	0.09	0.08	41.6	<0.2	<10	20	<0.05	0.02	0.15	0.07	8.98	2.2	12
L836570		0.47	0.013	0.18	0.19	76.0	<0.2	<10	40	0.08	0.04	0.36	0.12	12.50	126.5	13
L836571		0.24	<0.005	0.13	0.26	47.1	<0.2	<10	40	0.14	0.04	0.21	0.15	16.30	357	21
L836572		0.43	<0.005	0.26	0.34	36.6	<0.2	<10	50	0.17	0.08	1.16	0.17	13.10	18.1	16
L836573		0.26	0.007	0.07	0.08	12.6	<0.2	<10	10	<0.05	0.02	1.97	0.03	4.86	13.0	18
L836574		1.27	0.009	0.38	0.84	59.5	<0.2	<10	130	0.27	0.15	0.19	0.56	27.2	8.4	20
L836575		1.06	0.006	0.35	0.88	64.6	<0.2	<10	190	0.30	0.14	0.21	0.51	32.4	9.7	21
L836576		1.20	0.006	0.36	0.56	64.7	<0.2	<10	100	0.18	0.07	0.17	0.50	22.6	6.5	17
L836577		1.22	0.095	0.91	0.30	106.5	<0.2	<10	70	0.12	0.06	0.10	0.71	20.8	4.2	16
L836578		0.31	0.014	1.20	0.18	62.7	<0.2	<10	50	0.07	0.04	0.19	0.43	14.40	6.4	16
L836579		0.28	0.044	0.21	0.12	64.0	<0.2	<10	30	0.06	0.03	0.07	0.25	12.75	2.3	8
L836580		0.24	0.026	0.36	0.12	64.2	<0.2	<10	30	0.06	0.03	0.07	0.22	11.35	2.5	9
L836581		0.36	0.052	0.33	0.15	109.5	<0.2	<10	40	0.08	0.04	0.26	0.43	13.20	2.5	9
L836582		0.42	<0.005	0.49	0.34	90.9	<0.2	<10	40	0.14	0.05	0.43	0.31	15.75	4.4	14
L836583		0.40	<0.005	0.22	0.22	62.2	<0.2	<10	30	0.09	0.03	0.68	0.25	10.85	2.6	10
L836584		0.75	0.005	0.44	0.37	72.6	<0.2	<10	50	0.18	0.06	0.69	0.23	13.35	5.1	14
L836585		0.56	<0.005	0.16	0.38	27.3	<0.2	<10	80	0.27	0.05	1.60	0.10	15.45	4.5	13
L836586		1.04	0.006	0.22	0.47	30.4	<0.2	<10	50	0.21	0.07	1.10	0.21	14.75	4.8	17



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CERTIFICATE OF ANALYSIS WH11176165

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
L836547		1.76	13.7	2.15	2.61	0.07	0.02	0.03	0.024	0.04	10.4	22.5	0.29	129	1.42
L836548		2.16	8.2	1.81	2.20	0.07	0.06	0.04	0.019	0.07	15.7	6.5	0.06	55	1.12
L836549		2.16	6.3	1.64	1.90	0.07	0.07	<0.01	0.010	0.05	13.1	8.7	0.11	60	0.95
L836550		1.68	13.3	1.28	1.40	0.07	0.07	0.01	0.011	0.04	12.5	5.5	0.07	53	1.52
L836551		2.24	6.0	1.45	2.06	0.07	0.06	0.01	0.009	0.06	14.1	10.1	0.13	59	1.12
L836552		3.75	9.6	1.59	1.85	0.07	0.06	0.01	0.011	0.05	13.3	7.6	0.10	53	1.81
L836553		1.96	5.9	0.88	0.67	<0.05	0.04	0.02	<0.005	0.03	6.4	1.6	0.01	42	1.71
L836554		0.89	2.6	0.56	0.55	<0.05	0.05	0.02	<0.005	0.03	6.1	1.7	0.01	31	1.49
L836555		1.27	8.7	1.43	1.78	0.06	<0.02	0.02	0.012	0.04	8.4	11.5	0.14	71	1.20
L836556		1.53	7.4	1.45	1.68	0.06	<0.02	0.02	0.013	0.04	11.1	10.7	0.13	72	1.05
L836557		2.59	11.0	2.14	2.59	0.08	0.06	0.01	0.018	0.08	17.8	11.1	0.15	59	1.19
L836558		2.17	5.3	2.11	2.34	0.08	0.06	0.01	0.014	0.06	15.9	11.4	0.14	65	1.29
L836559		2.59	7.1	1.54	1.41	0.07	0.04	0.01	0.008	0.05	12.6	6.9	0.07	50	1.48
L836560		1.91	6.5	0.87	0.84	0.05	0.03	0.06	<0.005	0.04	8.9	2.9	0.02	45	1.60
L836561		0.71	25.4	2.10	2.37	0.08	0.05	0.01	0.015	0.07	12.9	11.0	0.22	305	2.77
L836562		0.09	1.3	0.44	0.17	0.11	<0.02	0.01	<0.005	0.02	0.7	1.7	12.20	196	0.11
L836563		0.41	14.8	1.40	1.41	0.06	0.10	0.01	0.008	0.05	9.4	7.0	0.18	200	1.67
L836564		0.38	13.4	1.26	1.26	0.05	0.10	0.01	0.007	0.06	9.6	5.2	0.13	237	1.62
L836565		0.31	19.7	1.10	0.97	0.05	0.08	0.01	0.006	0.05	8.8	3.2	0.07	199	2.30
L836566		0.24	11.6	0.92	0.72	<0.05	0.06	0.02	0.005	0.04	8.0	2.2	0.05	153	3.07
L836567		0.15	5.5	0.66	0.39	<0.05	0.05	0.19	<0.005	0.03	4.7	0.9	0.03	114	1.46
L836568		0.11	5.4	0.63	0.35	<0.05	0.06	0.02	<0.005	0.02	4.8	1.0	0.05	165	1.89
L836569		0.12	6.2	0.67	0.31	<0.05	0.05	0.01	<0.005	0.02	4.6	0.8	0.01	95	1.68
L836570		0.47	7.8	1.09	0.60	0.06	0.05	0.78	<0.005	0.04	6.5	1.2	0.03	124	1.86
L836571		0.84	13.3	1.22	0.89	0.06	0.05	0.47	0.006	0.05	9.1	1.3	0.03	96	5.35
L836572		1.48	12.8	1.60	0.98	0.07	0.10	0.12	0.009	0.06	7.5	1.2	0.04	107	4.53
L836573		0.18	9.1	0.81	0.35	<0.05	0.03	0.15	<0.005	0.01	2.5	1.1	0.05	150	8.40
L836574		0.79	25.5	1.94	2.65	0.05	0.13	0.02	0.017	0.09	14.3	9.5	0.21	303	2.60
L836575		0.83	26.8	2.11	2.94	0.06	0.20	0.04	0.019	0.10	16.5	10.6	0.23	338	2.60
L836576		0.58	20.7	1.49	1.89	<0.05	0.11	0.01	0.012	0.06	11.5	7.6	0.17	239	2.16
L836577		0.43	13.2	1.00	1.13	<0.05	0.08	0.02	0.011	0.05	10.8	3.1	0.07	177	2.11
L836578		0.29	29.2	0.82	0.68	<0.05	0.08	0.05	0.021	0.04	7.7	1.9	0.04	205	3.81
L836579		0.21	10.4	0.56	0.46	<0.05	0.05	0.01	<0.005	0.03	6.4	1.1	0.02	99	1.82
L836580		0.22	8.7	0.68	0.48	<0.05	0.05	0.02	0.009	0.03	5.7	1.3	0.02	110	1.77
L836581		0.38	7.7	0.95	0.53	<0.05	0.06	0.01	0.005	0.03	6.9	1.5	0.04	138	1.59
L836582		0.54	16.7	1.44	1.00	0.07	0.06	0.03	0.009	0.04	8.6	3.5	0.11	190	2.35
L836583		0.35	8.2	1.07	0.72	0.05	0.07	0.02	0.005	0.03	5.6	1.7	0.07	138	1.58
L836584		1.21	13.5	1.28	1.06	0.06	0.09	0.02	0.011	0.05	7.3	3.3	0.14	147	2.18
L836585		1.83	11.4	1.34	1.10	0.05	0.08	0.02	0.006	0.10	8.8	3.7	0.12	124	1.91
L836586		1.22	11.4	1.40	1.31	0.06	0.10	0.02	0.013	0.09	8.0	3.8	0.18	116	2.41



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
L836547		<0.05	12.0	520	10.4	3.2	0.001	0.01	2.14	3.0	0.6	0.2	7.2	<0.01	0.02	3.9
L836548		<0.05	7.3	470	15.6	4.8	0.003	<0.01	1.42	2.3	1.2	0.2	5.9	<0.01	0.03	5.1
L836549		<0.05	8.8	410	8.6	3.6	0.002	<0.01	0.98	2.0	0.5	0.2	5.0	<0.01	0.01	4.3
L836550		<0.05	8.3	370	6.3	3.1	0.001	0.01	1.02	1.6	0.5	<0.2	4.3	<0.01	0.01	4.4
L836551		<0.05	8.4	440	8.0	4.1	0.001	0.04	1.43	1.5	0.4	0.2	6.5	<0.01	0.02	4.6
L836552		<0.05	7.1	460	11.3	4.3	0.001	0.05	1.65	1.5	0.5	0.2	5.5	<0.01	0.02	4.4
L836553		<0.05	4.9	170	22.6	2.6	0.001	0.02	1.54	0.5	0.3	<0.2	2.1	<0.01	0.01	2.1
L836554		<0.05	2.8	90	16.7	2.3	0.001	0.04	1.18	0.5	0.3	<0.2	2.4	<0.01	0.01	1.6
L836555		<0.05	8.0	330	8.5	3.1	<0.001	<0.01	1.69	1.5	0.4	0.2	6.0	<0.01	0.02	2.9
L836556		<0.05	11.0	400	6.8	2.9	0.001	<0.01	1.63	1.9	0.6	<0.2	5.7	<0.01	0.02	3.4
L836557		<0.05	14.4	600	8.7	5.5	0.002	0.02	1.83	2.3	0.6	0.2	8.5	<0.01	0.02	7.3
L836558		<0.05	9.2	600	13.6	4.4	0.001	0.07	1.76	2.0	0.5	0.2	6.0	<0.01	0.02	5.8
L836559		<0.05	7.7	370	20.8	4.2	0.001	0.05	1.64	1.2	0.4	0.2	4.9	<0.01	0.01	3.9
L836560		<0.05	4.9	150	31.7	3.4	0.001	0.02	1.24	0.7	0.3	<0.2	3.3	<0.01	0.01	2.4
L836561		0.23	26.6	490	20.6	5.1	<0.001	<0.01	1.62	2.4	0.6	0.2	9.9	<0.01	0.02	3.9
L836562		0.10	1.3	410	1.4	1.3	<0.001	<0.01	<0.05	0.3	<0.2	<0.2	51.9	<0.01	0.01	<0.2
L836563		0.11	15.4	280	10.9	3.6	<0.001	<0.01	0.89	1.6	0.3	0.2	7.0	<0.01	0.01	2.9
L836564		0.08	13.3	290	13.5	3.8	<0.001	<0.01	1.01	1.5	0.3	<0.2	11.7	<0.01	0.01	3.0
L836565		0.08	10.2	240	11.3	3.2	<0.001	<0.01	0.93	1.1	0.2	<0.2	5.8	<0.01	0.01	2.7
L836566		0.05	11.0	190	9.5	2.7	<0.001	<0.01	0.74	0.8	0.2	<0.2	4.9	<0.01	0.01	2.5
L836567		<0.05	5.4	150	5.8	2.0	0.001	0.05	0.58	0.5	<0.2	<0.2	3.9	<0.01	<0.01	1.6
L836568		<0.05	4.5	130	5.3	1.4	<0.001	0.01	0.49	0.6	<0.2	<0.2	51.5	<0.01	<0.01	1.8
L836569		<0.05	5.1	140	4.2	1.5	<0.001	0.01	0.35	0.4	<0.2	<0.2	3.3	<0.01	<0.01	1.5
L836570		0.06	8.2	420	5.1	2.3	0.008	0.04	0.99	0.8	<0.2	<0.2	12.9	<0.01	0.01	2.1
L836571		0.13	13.3	250	4.2	3.0	0.006	0.05	1.19	0.9	<0.2	0.2	7.8	<0.01	0.01	2.8
L836572		<0.05	18.9	630	7.5	3.8	0.002	0.44	1.66	1.3	0.8	<0.2	22.7	<0.01	0.02	3.6
L836573		0.09	8.5	190	3.5	0.8	0.002	0.14	0.39	0.5	<0.2	0.2	22.4	<0.01	0.01	0.9
L836574		0.28	26.9	520	19.2	5.7	<0.001	0.01	1.57	3.1	0.7	0.2	14.8	<0.01	0.03	4.8
L836575		0.25	26.7	600	17.5	6.8	0.001	<0.01	1.69	3.1	0.8	0.3	19.7	<0.01	0.02	5.4
L836576		0.20	19.3	400	15.8	4.3	<0.001	<0.01	1.26	2.1	0.5	0.2	13.1	<0.01	0.01	3.9
L836577		0.21	13.8	280	19.1	3.5	<0.001	<0.01	1.29	1.4	0.4	0.2	8.7	<0.01	0.01	3.5
L836578		0.15	11.5	200	23.9	2.6	0.001	0.04	1.37	0.9	0.4	0.4	7.2	<0.01	<0.01	2.6
L836579		0.08	6.1	120	7.2	2.0	<0.001	0.02	0.57	0.6	<0.2	<0.2	3.5	<0.01	0.01	1.8
L836580		0.10	6.0	150	10.1	1.8	<0.001	0.03	0.68	0.6	<0.2	0.2	3.7	<0.01	<0.01	1.8
L836581		0.07	7.9	350	11.4	2.1	<0.001	0.04	1.01	0.8	<0.2	<0.2	6.5	<0.01	0.01	2.2
L836582		0.08	12.4	550	12.7	2.5	<0.001	0.05	1.32	1.2	<0.2	0.2	11.5	<0.01	0.01	2.8
L836583		0.08	7.6	480	5.8	1.7	<0.001	0.05	1.00	1.0	<0.2	<0.2	15.6	<0.01	0.01	1.9
L836584		0.09	16.6	430	8.3	3.4	0.001	0.23	1.29	1.3	0.2	0.2	15.7	<0.01	0.02	2.8
L836585		<0.05	17.4	540	4.7	5.9	0.002	0.54	1.26	1.3	0.6	<0.2	28.9	<0.01	0.01	4.3
L836586		0.05	15.7	310	6.6	5.1	0.002	0.43	1.46	1.4	0.5	0.2	23.2	<0.01	0.02	3.8



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
L836547		<0.005	0.09	0.45	27	0.43	1.97	36	1.4
L836548		<0.005	0.14	0.61	23	0.58	2.78	28	2.9
L836549		<0.005	0.09	0.50	13	0.28	1.96	20	2.8
L836550		<0.005	0.06	0.60	9	0.35	1.66	17	2.9
L836551		<0.005	0.06	0.40	12	0.25	1.82	18	2.7
L836552		<0.005	0.07	0.51	13	0.55	1.84	18	2.7
L836553		<0.005	0.09	0.23	5	1.03	0.90	5	1.7
L836554		<0.005	0.08	0.15	3	0.31	0.74	4	1.8
L836555		<0.005	0.08	0.32	16	0.28	1.48	18	<0.5
L836556		<0.005	0.07	0.60	15	0.47	1.61	18	0.5
L836557		<0.005	0.07	0.82	17	0.33	2.62	40	3.1
L836558		<0.005	0.07	0.63	17	1.03	2.01	25	2.7
L836559		<0.005	0.11	0.51	10	0.80	1.62	21	2.0
L836560		<0.005	0.18	0.26	5	0.75	1.15	12	1.5
L836561		0.018	0.06	0.81	23	0.74	3.23	71	3.0
L836562		<0.005	<0.02	0.53	<1	<0.05	0.97	16	<0.5
L836563		0.015	0.04	0.50	14	2.90	2.38	41	4.1
L836564		0.016	0.04	0.46	12	2.21	2.81	45	4.2
L836565		0.010	0.04	0.38	9	1.30	2.07	33	3.1
L836566		0.008	0.04	0.31	6	18.80	1.73	33	2.4
L836567		<0.005	0.04	0.18	3	250	1.03	15	1.7
L836568		<0.005	0.02	0.19	2	9.47	2.15	15	2.1
L836569		<0.005	0.02	0.15	2	10.70	0.96	12	2.0
L836570		<0.005	0.12	0.25	3	840	1.66	23	2.0
L836571		<0.005	0.09	0.22	5	630	1.69	26	2.2
L836572		<0.005	0.05	0.38	6	105.5	2.78	37	4.0
L836573		<0.005	0.03	0.12	3	136.0	1.23	11	1.4
L836574		0.026	0.07	0.97	23	9.93	6.22	69	7.0
L836575		0.030	0.08	1.02	25	28.4	6.10	68	9.2
L836576		0.024	0.05	0.60	17	10.45	3.99	53	5.4
L836577		0.011	0.05	0.44	9	7.85	3.14	47	3.5
L836578		0.007	0.04	0.30	5	39.1	2.10	49	3.4
L836579		<0.005	0.02	0.20	3	10.05	1.24	27	1.9
L836580		<0.005	0.03	0.19	3	14.70	1.30	28	2.1
L836581		<0.005	0.03	0.26	4	7.78	2.06	39	2.5
L836582		<0.005	0.04	0.40	7	16.50	2.81	41	2.8
L836583		<0.005	0.03	0.29	5	9.96	2.08	33	2.9
L836584		0.005	0.05	0.39	7	16.15	2.48	38	3.4
L836585		<0.005	0.09	0.56	7	9.54	2.53	27	3.2
L836586		<0.005	0.06	0.39	8	12.40	2.18	47	4.2



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
L836587		1.31	<0.005	0.40	1.08	39.2	<0.2	<10	100	0.45	0.20	1.70	0.44	21.6	10.6	21
L836588		1.21	0.009	0.51	1.23	45.4	<0.2	<10	100	0.48	0.25	2.38	0.28	18.50	11.1	23
L836589		0.49	<0.005	0.18	0.73	26.0	<0.2	<10	80	0.29	0.13	2.92	0.28	18.60	6.8	16
L836590		1.32	<0.005	0.14	0.28	31.2	<0.2	<10	50	0.14	0.06	1.59	0.24	12.15	4.2	13
L836591		0.86	<0.005	0.18	0.29	74.8	<0.2	<10	60	0.16	0.07	0.99	0.33	12.10	5.1	12
L836592		1.33	0.008	0.08	0.16	51.6	<0.2	<10	30	0.08	0.03	1.33	0.12	12.25	3.2	13
L836593		0.80	<0.005	0.07	0.10	45.3	<0.2	<10	30	0.05	0.03	1.33	0.18	8.69	2.3	11
L836594		1.13	0.019	0.14	0.08	355	<0.2	<10	30	<0.05	0.03	0.87	0.17	8.28	2.5	13
L836595		0.92	0.023	0.23	0.13	111.5	<0.2	<10	30	0.09	0.11	0.86	0.09	9.54	3.3	8
L836596		0.56	0.090	0.50	0.40	718	<0.2	<10	70	0.32	0.26	0.85	0.34	14.60	10.7	10
L836597		1.42	0.013	0.08	0.11	111.5	<0.2	<10	20	0.09	0.04	0.99	0.08	6.96	2.3	7
L836598		1.02	<0.005	0.04	0.03	4	<0.2	<10	10	0.05	0.02	18.35	0.06	1.32	1.3	1
L836599		1.20	0.013	0.13	0.11	195.5	<0.2	<10	20	0.07	0.06	1.28	0.10	8.16	8.9	9
L836600		0.97	0.070	0.15	0.11	255	<0.2	<10	20	0.05	0.04	0.44	0.14	9.98	84.8	8
L836601		0.52	<0.005	0.21	0.43	29.2	<0.2	<10	70	0.13	0.06	0.08	0.22	16.40	6.9	14
L836602		1.62	0.010	0.28	0.42	51.7	<0.2	<10	70	0.18	0.07	0.09	0.38	20.3	6.0	17
L836603		1.19	0.014	0.95	0.30	70.5	0.2	<10	50	0.13	0.05	0.07	0.49	18.20	3.9	14
L836604		0.49	0.011	0.49	0.23	72.3	<0.2	<10	40	0.10	0.05	0.07	0.39	15.40	3.4	11
L836605		0.44	0.023	0.34	0.09	47.4	<0.2	<10	20	0.05	0.02	0.08	0.20	10.45	1.7	7
L836606		0.52	<0.005	0.65	0.10	26.7	<0.2	<10	20	<0.05	0.02	0.13	0.20	10.65	3.2	9
L836607		0.40	0.015	0.74	0.10	57.6	<0.2	<10	20	0.05	0.02	0.11	0.43	11.70	2.5	8
L836608		0.59	0.068	1.36	0.09	227	<0.2	<10	20	<0.05	0.02	0.10	0.81	11.05	2.7	8
L836609		0.44	0.602	0.65	0.11	547	0.2	<10	30	0.05	0.06	0.18	1.57	11.00	2.6	9
L836610		0.29	0.160	0.50	0.09	564	0.2	<10	30	<0.05	0.03	0.34	1.04	8.86	3.1	10
L836611		0.63	0.038	0.44	0.37	376	<0.2	<10	80	0.23	0.09	2.06	0.55	14.75	6.2	12
L836612		1.08	<0.005	0.48	0.59	91.3	<0.2	<10	80	0.21	0.12	3.67	0.28	12.45	6.8	16
L836613		0.83	<0.005	0.16	0.26	32.6	<0.2	<10	40	0.13	0.05	2.33	0.11	10.95	3.7	11
L836614		0.84	<0.005	0.19	0.38	52.4	<0.2	<10	50	0.18	0.09	1.67	0.19	12.70	6.1	15
L836615		1.20	0.006	0.64	1.32	65.8	<0.2	<10	100	0.52	0.24	1.65	0.37	27.5	13.7	22
L836616		1.09	<0.005	0.13	0.28	35.0	<0.2	<10	40	0.12	0.06	0.87	0.38	11.60	4.4	14
L836617		1.17	<0.005	0.63	0.60	198.5	<0.2	<10	60	0.34	0.15	0.59	2.29	19.75	7.7	14
L836618		1.17	<0.005	0.22	0.75	91.0	<0.2	<10	90	0.36	0.17	3.39	0.34	20.1	11.1	16
L836619		1.42	<0.005	0.08	0.14	50.6	<0.2	<10	20	0.07	0.04	0.54	0.23	9.86	2.7	5
L836620		0.99	<0.005	0.20	0.11	34.6	<0.2	<10	20	0.05	0.03	1.27	0.15	8.47	3.0	11
L836621		0.56	<0.005	0.08	0.08	86.6	<0.2	<10	10	<0.05	0.02	0.67	0.83	7.05	2.1	6
L836622		1.02	0.017	0.28	0.19	133.0	<0.2	<10	50	0.09	0.09	0.56	0.43	12.85	5.1	11
L836623		1.04	<0.005	0.10	0.07	93.9	<0.2	<10	20	<0.05	0.03	0.44	0.88	8.07	2.3	7
L836624		0.79	0.009	0.15	0.06	155.5	<0.2	<10	20	<0.05	0.02	0.46	0.77	6.58	1.7	7
L836625		0.93	0.019	0.13	0.10	147.0	<0.2	<10	20	0.08	0.04	4.15	1.11	6.38	203	7
L836626		1.01	0.007	0.17	0.13	138.0	<0.2	<10	20	0.06	0.03	0.72	3.19	10.45	18.5	13



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
L836587		2.75	26.6	2.80	2.78	0.10	0.14	0.01	0.024	0.17	11.4	8.4	0.60	188	2.42
L836588		2.61	29.5	3.99	3.15	0.10	0.15	0.01	0.021	0.17	9.6	7.6	0.78	262	2.05
L836589		1.63	18.1	1.68	1.85	0.07	0.09	0.01	0.016	0.13	9.5	2.1	0.34	147	2.47
L836590		0.88	17.1	1.39	0.81	0.05	0.06	0.02	0.009	0.08	6.1	2.3	0.18	114	3.41
L836591		1.19	17.6	1.58	0.84	0.05	0.09	0.02	0.010	0.09	6.4	2.3	0.17	95	3.24
L836592		0.37	8.6	0.89	0.53	<0.05	0.07	0.02	0.005	0.04	6.1	1.6	0.09	124	2.55
L836593		0.28	7.7	0.69	0.35	<0.05	0.05	0.02	<0.005	0.04	4.5	0.8	0.07	80	2.54
L836594		0.18	7.0	0.98	0.32	<0.05	0.05	0.02	0.006	0.03	4.2	0.5	0.09	222	2.83
L836595		0.46	7.7	0.83	0.42	<0.05	0.04	0.03	<0.005	0.05	4.8	1.2	0.05	77	1.47
L836596		2.22	26.3	2.49	1.09	0.07	0.05	0.03	0.019	0.11	7.8	7.5	0.12	114	1.52
L836597		0.55	4.3	0.71	0.34	<0.05	0.03	0.02	<0.005	0.04	3.6	1.3	0.05	79	1.33
L836598		0.10	1.9	0.38	0.14	<0.05	<0.02	<0.01	<0.005	0.01	0.6	1.1	11.70	175	0.08
L836599		0.44	6.1	0.81	0.37	<0.05	0.03	0.09	<0.005	0.04	4.1	1.3	0.05	87	1.90
L836600		0.32	5.3	0.74	0.39	<0.05	0.04	0.63	<0.005	0.04	5.0	1.7	0.05	78	1.22
L836601		0.49	10.8	1.24	1.39	0.05	0.02	0.03	0.009	0.05	8.0	6.0	0.09	238	1.85
L836602		0.45	10.9	1.16	1.36	0.05	0.02	0.03	0.008	0.06	9.9	5.8	0.09	198	2.06
L836603		0.31	14.3	1.05	0.99	<0.05	0.02	0.01	0.008	0.05	9.1	3.8	0.07	191	2.15
L836604		0.28	18.3	0.91	0.78	<0.05	0.02	0.02	0.006	0.04	7.8	2.5	0.05	149	1.77
L836605		0.14	11.3	0.55	0.37	<0.05	0.03	0.01	<0.005	0.03	5.2	0.7	0.01	114	1.57
L836606		0.17	9.5	0.61	0.38	<0.05	0.02	0.02	<0.005	0.03	5.4	1.1	0.02	123	1.62
L836607		0.21	9.1	0.60	0.42	<0.05	0.02	0.02	<0.005	0.03	6.3	1.1	0.03	98	1.59
L836608		0.19	7.3	0.58	0.36	<0.05	0.03	0.02	<0.005	0.03	5.6	1.0	0.02	93	1.48
L836609		0.32	10.1	0.85	0.41	<0.05	0.03	0.02	0.006	0.03	5.7	1.0	0.02	149	1.63
L836610		0.22	9.3	0.81	0.37	<0.05	0.03	0.03	0.006	0.03	4.4	1.3	0.04	271	1.75
L836611		1.78	15.9	1.96	1.01	0.05	0.08	0.01	0.013	0.11	8.7	2.4	0.07	147	1.87
L836612		2.00	19.1	2.57	1.60	0.06	0.13	0.02	0.017	0.12	7.4	2.8	0.19	236	2.44
L836613		1.17	11.2	1.04	0.75	<0.05	0.07	0.01	0.008	0.06	6.1	3.4	0.11	127	2.04
L836614		1.57	15.6	1.60	1.10	<0.05	0.12	0.01	0.011	0.09	7.1	3.4	0.23	141	2.29
L836615		3.01	31.7	2.42	3.68	0.06	0.24	0.01	0.029	0.17	14.2	7.4	0.48	158	1.95
L836616		0.73	12.3	1.09	0.83	<0.05	0.09	0.03	0.006	0.06	6.2	2.0	0.16	101	2.37
L836617		1.99	20.1	1.68	1.79	0.05	0.17	0.02	0.017	0.11	10.6	2.0	0.16	101	1.80
L836618		2.19	23.4	2.30	2.00	0.06	0.18	0.01	0.021	0.16	10.7	1.4	0.48	227	2.22
L836619		0.33	6.5	0.62	0.41	<0.05	0.04	0.01	<0.005	0.03	4.9	1.1	0.06	61	0.84
L836620		0.31	7.6	0.78	0.35	<0.05	0.05	0.04	0.005	0.04	4.4	0.9	0.11	101	2.43
L836621		0.19	4.5	0.83	0.26	<0.05	0.04	0.03	<0.005	0.02	3.6	1.3	0.10	104	0.90
L836622		0.92	12.9	1.15	0.55	<0.05	0.07	0.04	0.011	0.08	7.0	1.1	0.10	87	2.59
L836623		0.22	5.7	0.68	0.27	<0.05	0.04	0.03	0.005	0.03	4.2	0.6	0.09	88	1.47
L836624		0.17	4.7	0.66	0.22	<0.05	0.04	0.02	0.005	0.02	3.4	1.2	0.07	121	1.08
L836625		0.35	5.9	0.82	0.28	<0.05	0.04	1.42	0.006	0.03	3.4	1.1	0.04	146	1.61
L836626		0.38	11.2	0.90	0.46	<0.05	0.04	0.30	<0.005	0.03	5.4	1.9	0.04	113	2.76



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
L836587		<0.05	40.7	660	13.1	9.6	0.003	0.79	2.48	3.3	1.7	0.2	47.2	<0.01	0.03	8.2
L836588		0.06	36.8	1070	19.3	9.6	0.002	1.32	4.07	4.7	2.3	0.2	70.2	<0.01	0.05	8.1
L836589		<0.05	20.1	460	8.7	7.1	0.001	0.27	1.53	2.6	0.4	0.2	82.2	<0.01	0.02	5.4
L836590		<0.05	13.6	250	5.6	4.0	0.001	0.40	1.05	1.2	0.6	<0.2	36.5	<0.01	0.01	3.2
L836591		<0.05	18.1	260	5.4	4.5	0.001	0.53	1.05	1.1	0.9	<0.2	24.7	<0.01	0.01	3.8
L836592		0.05	6.9	270	3.1	2.3	<0.001	0.17	0.62	0.8	<0.2	<0.2	26.9	<0.01	<0.01	2.5
L836593		<0.05	5.6	150	3.1	2.2	0.001	0.17	0.56	0.6	<0.2	<0.2	29.7	<0.01	<0.01	1.5
L836594		0.06	4.6	150	4.9	1.8	<0.001	0.30	0.83	0.6	<0.2	<0.2	11.9	<0.01	<0.01	1.4
L836595		<0.05	9.0	240	4.9	2.9	<0.001	0.56	1.01	0.7	<0.2	<0.2	17.1	<0.01	0.01	2.2
L836596		0.05	36.5	300	8.0	6.9	0.001	1.90	1.82	1.3	1.2	<0.2	31.1	<0.01	0.04	5.2
L836597		<0.05	6.3	290	2.5	2.5	<0.001	0.39	0.57	0.5	<0.2	<0.2	39.6	<0.01	<0.01	1.6
L836598		0.10	0.4	210	2.2	0.7	<0.001	0.02	<0.05	0.5	<0.2	<0.2	65.1	<0.01	<0.01	0.2
L836599		0.05	6.8	200	3.8	2.4	0.001	0.45	0.77	0.6	<0.2	<0.2	20.4	<0.01	<0.01	1.9
L836600		0.07	6.4	230	4.0	2.3	0.006	0.36	1.24	0.6	<0.2	<0.2	12.4	<0.01	<0.01	1.9
L836601		0.21	13.4	280	11.0	3.6	<0.001	0.03	0.89	1.2	<0.2	0.2	6.5	<0.01	0.01	1.6
L836602		0.34	15.3	290	14.2	4.2	<0.001	0.01	1.13	1.3	<0.2	0.2	7.5	<0.01	0.01	2.1
L836603		0.23	12.4	240	10.5	3.0	<0.001	0.02	1.35	1.0	<0.2	<0.2	5.5	<0.01	0.01	2.3
L836604		0.18	8.6	200	11.3	2.8	<0.001	0.03	0.94	0.9	<0.2	<0.2	4.6	<0.01	0.01	2.1
L836605		0.07	4.4	120	6.3	1.7	<0.001	0.03	0.59	0.4	<0.2	<0.2	2.3	<0.01	<0.01	1.6
L836606		0.11	5.6	130	6.6	1.8	<0.001	0.04	0.61	0.5	0.3	<0.2	3.9	<0.01	<0.01	1.7
L836607		0.09	6.0	120	26.7	1.9	<0.001	0.04	0.63	0.5	0.4	<0.2	4.3	<0.01	<0.01	1.9
L836608		0.09	4.5	120	47.7	1.9	<0.001	0.05	0.67	0.5	0.4	<0.2	3.3	<0.01	<0.01	1.8
L836609		0.06	6.7	260	14.8	2.5	<0.001	0.05	1.84	0.6	0.4	<0.2	7.3	<0.01	<0.01	2.1
L836610		0.09	6.6	250	13.6	2.0	<0.001	0.05	2.16	0.7	0.4	<0.2	8.1	<0.01	<0.01	1.6
L836611		0.05	25.4	880	12.5	7.1	0.001	0.53	2.10	1.6	2.1	<0.2	65.8	<0.01	0.01	4.7
L836612		0.08	28.1	1460	11.2	7.2	0.002	0.79	2.08	2.4	1.7	<0.2	69.4	<0.01	0.02	5.0
L836613		<0.05	13.2	300	5.1	3.7	0.001	0.37	0.88	1.1	0.8	<0.2	40.1	<0.01	0.01	2.7
L836614		0.06	21.4	420	5.6	5.5	0.002	0.64	1.23	1.5	1.3	<0.2	39.7	<0.01	0.01	3.9
L836615		0.05	39.7	800	14.9	10.2	0.001	0.46	2.77	4.3	1.5	0.2	46.7	<0.01	0.03	9.3
L836616		0.06	12.4	310	6.5	3.6	0.001	0.25	0.96	1.2	0.8	0.2	20.7	<0.01	0.01	2.5
L836617		<0.05	27.6	400	32.1	6.6	<0.001	0.26	3.94	2.2	1.5	0.2	23.0	<0.01	0.02	5.7
L836618		0.07	31.3	570	12.1	8.4	0.001	0.29	1.64	2.9	1.0	0.2	93.7	<0.01	0.02	7.1
L836619		<0.05	7.5	160	3.6	1.9	<0.001	0.08	0.51	0.7	0.6	<0.2	12.9	<0.01	<0.01	2.0
L836620		0.08	6.2	140	3.9	2.2	0.001	0.18	0.61	0.7	0.4	<0.2	26.9	<0.01	0.01	1.6
L836621		<0.05	5.1	130	4.9	1.3	<0.001	0.15	1.12	0.7	0.3	<0.2	12.5	<0.01	<0.01	1.2
L836622		0.06	14.0	300	5.5	4.4	0.002	0.49	1.63	0.9	0.8	<0.2	15.8	<0.01	0.01	3.2
L836623		0.05	4.8	140	4.0	1.7	0.001	0.16	0.87	0.6	0.4	<0.2	8.7	<0.01	0.01	1.4
L836624		0.08	3.3	140	4.2	1.5	<0.001	0.12	1.04	0.6	0.3	<0.2	7.2	<0.01	<0.01	1.1
L836625		0.05	6.6	320	3.9	1.7	0.011	0.19	1.05	0.8	0.3	<0.2	101.0	<0.01	<0.01	1.7
L836626		0.11	7.2	120	5.4	2.1	0.002	0.11	1.23	0.7	0.3	<0.2	28.8	<0.01	<0.01	2.0



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
L836587		<0.005	0.10	0.74	17	2.37	3.73	87	6.3
L836588		<0.005	0.17	1.28	20	3.04	5.01	70	7.0
L836589		<0.005	0.06	0.45	11	4.37	3.60	63	3.9
L836590		<0.005	0.08	0.36	6	12.30	2.16	41	2.7
L836591		<0.005	0.11	0.41	5	11.20	2.12	64	3.4
L836592		<0.005	0.04	0.37	3	14.35	1.76	37	2.4
L836593		<0.005	0.04	0.17	2	14.55	1.42	30	1.7
L836594		<0.005	0.05	0.17	1	21.8	1.53	43	1.6
L836595		<0.005	0.07	0.21	2	15.85	1.42	17	1.6
L836596		<0.005	0.16	0.44	6	12.00	2.21	61	2.1
L836597		<0.005	0.04	0.15	1	10.00	1.44	18	1.2
L836598		<0.005	<0.02	1.33	1	0.12	1.02	16	<0.5
L836599		<0.005	0.06	0.18	2	73.8	1.43	16	1.4
L836600		<0.005	0.10	0.18	2	520	1.28	18	1.5
L836601		0.009	0.05	0.37	10	29.7	1.87	43	0.6
L836602		0.011	0.05	0.44	11	30.2	2.49	57	0.6
L836603		0.013	0.04	0.35	8	11.35	2.09	62	0.9
L836604		0.007	0.04	0.30	6	16.95	1.78	38	1.6
L836605		<0.005	0.03	0.15	2	8.12	1.02	19	1.3
L836606		<0.005	0.03	0.16	2	19.05	1.16	19	1.2
L836607		<0.005	0.03	0.20	2	11.25	1.31	27	1.5
L836608		<0.005	0.03	0.19	2	19.30	1.19	24	1.5
L836609		<0.005	0.04	0.33	2	12.75	1.75	55	1.8
L836610		<0.005	0.03	0.25	2	20.2	2.19	78	1.5
L836611		<0.005	0.13	0.51	7	5.79	4.28	104	4.3
L836612		<0.005	0.11	0.68	11	6.75	5.52	57	6.6
L836613		<0.005	0.05	0.32	4	11.25	2.44	28	3.1
L836614		<0.005	0.08	0.39	6	8.65	2.76	41	5.9
L836615		<0.005	0.08	0.59	18	2.29	4.88	87	12.1
L836616		<0.005	0.06	0.28	5	17.90	1.83	47	4.1
L836617		<0.005	0.10	0.41	9	5.40	3.07	263	8.5
L836618		<0.005	0.07	0.56	11	3.91	4.74	93	9.3
L836619		<0.005	0.03	0.22	2	4.51	1.32	49	1.9
L836620		<0.005	0.04	0.19	2	17.95	1.55	23	2.4
L836621		<0.005	0.05	0.22	2	6.21	1.29	89	1.6
L836622		<0.005	0.08	0.32	3	18.65	1.82	75	3.1
L836623		<0.005	0.04	0.19	2	12.90	1.24	66	1.6
L836624		<0.005	0.03	0.19	1	9.52	1.33	78	1.5
L836625		<0.005	0.16	0.35	2	750	2.52	100	1.5
L836626		<0.005	0.11	0.32	2	156.5	1.50	156	1.9



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
L836627		1.41	0.007	0.40	0.08	79.8	<0.2	<10	20	0.05	0.03	0.51	2.24	8.33	22.7	13
L836628		1.01	0.067	0.12	0.08	767	<0.2	<10	20	<0.05	0.03	0.16	4.31	8.83	4.1	13
L836629		1.12	1.320	1.68	0.14	1155	0.7	<10	30	0.09	0.04	0.09	24.8	11.20	43.8	13
L836630		0.96	0.660	0.50	0.19	4320	0.4	<10	60	0.07	0.04	5.27	3.33	9.45	9.0	14
L836631		1.24	0.044	0.12	0.15	423	<0.2	<10	70	0.06	0.04	6.42	0.56	8.56	4.8	10
L836632		0.91	0.229	0.20	0.13	232	<0.2	<10	40	0.06	0.03	4.52	1.19	9.46	72.0	12
L836633		0.16	0.351	0.26	0.19	377	<0.2	<10	50	0.07	0.02	1.00	1.83	14.20	61.2	18
L836634		0.76	0.010	0.12	0.47	46.4	<0.2	<10	80	0.18	0.06	0.11	0.27	20.3	5.4	15
L836635		1.82	0.009	0.26	0.56	53.7	<0.2	<10	70	0.18	0.07	0.10	0.33	24.3	7.2	15
L836636		1.03	0.027	0.24	0.60	49.6	<0.2	<10	80	0.20	0.07	0.09	0.34	22.9	5.9	16
L836637		0.90	0.027	0.38	0.46	87.0	<0.2	<10	60	0.17	0.07	0.10	0.53	22.2	5.8	15
L836638		0.63	0.125	0.58	0.18	117.0	<0.2	<10	40	0.06	0.08	0.03	0.57	11.90	2.0	11
L836639		0.48	0.319	0.53	0.12	882	<0.2	<10	30	<0.05	0.06	0.02	0.77	10.05	2.2	9
L836640		1.21	0.711	2.93	0.16	2180	0.5	<10	120	0.09	0.08	0.04	24.9	17.10	1.5	10
L836641		0.39	1.650	10.15	0.14	4740	0.9	<10	70	0.08	0.18	0.05	23.8	10.40	3.0	8
L836642		0.85	<0.005	0.04	0.05	9	<0.2	<10	10	<0.05	0.02	20.1	0.11	1.32	0.9	1
L836643		1.30	0.142	1.39	0.34	742	<0.2	<10	110	0.22	0.17	0.09	8.24	33.2	6.0	10
L836644		0.44	0.105	0.71	0.12	276	0.2	<10	30	0.05	0.05	0.50	2.96	8.73	2.6	8
L836645		0.43	0.052	0.34	0.53	251	<0.2	<10	80	0.22	0.12	0.58	2.14	19.20	6.4	14
L836646		0.86	0.062	0.64	0.73	350	<0.2	<10	100	0.28	0.22	0.82	2.18	22.7	9.6	18
L836647		0.55	0.040	0.32	0.33	269	<0.2	<10	70	0.17	0.14	0.67	1.64	20.3	7.4	11
L836648		0.92	0.038	0.29	0.15	109.5	<0.2	<10	40	0.09	0.06	0.71	0.59	11.35	4.4	11
L836649		0.76	0.015	0.17	0.10	61.6	<0.2	<10	30	0.06	0.03	0.94	0.35	10.10	3.6	10
L836650		0.46	0.010	0.09	0.09	42.0	<0.2	<10	30	<0.05	0.03	1.02	0.38	9.43	3.3	10
L836651		0.37	<0.005	0.08	0.08	30.8	<0.2	<10	20	<0.05	0.03	0.87	0.22	8.65	3.8	8
L836652		0.56	0.005	0.12	0.06	84.9	<0.2	<10	20	<0.05	0.03	0.92	0.18	7.24	2.8	8
L836653		0.90	0.035	0.21	0.16	71.2	<0.2	<10	40	0.10	0.06	1.52	0.30	11.95	4.1	11
L836654		0.97	0.023	0.26	0.26	110.5	<0.2	<10	40	0.16	0.06	0.39	0.19	18.35	5.0	13
L836655		0.51	0.046	0.15	0.06	80.4	<0.2	<10	10	<0.05	0.02	0.52	0.21	6.24	2.5	10
L836656		1.04	0.268	0.29	0.15	276	<0.2	<10	30	0.07	0.03	0.25	1.20	10.75	5.3	11
L836657		0.90	0.073	0.42	0.14	109.0	<0.2	<10	40	0.07	0.05	0.30	0.16	11.75	6.4	12
L836658		0.98	0.038	0.27	0.10	140.0	<0.2	<10	30	0.05	0.04	0.23	0.57	9.42	12.9	15
L836659		0.98	0.007	0.14	0.10	48.0	<0.2	<10	20	0.05	0.04	1.17	0.12	7.26	153.0	12
L836660		0.57	0.017	0.40	0.58	101.0	<0.2	<10	90	0.19	0.09	0.09	0.66	27.1	5.1	16
L836661		0.74	0.039	0.36	0.42	83.8	<0.2	<10	70	0.14	0.08	0.09	0.54	21.7	5.7	12
L836662		0.99	0.031	0.59	0.31	85.4	<0.2	<10	60	0.11	0.06	0.09	0.69	19.55	82.8	12
L836663		0.54	0.028	0.44	0.31	72.7	<0.2	<10	60	0.11	0.07	0.12	0.65	20.3	8.3	12
L836664		0.40	0.021	0.38	0.12	51.2	<0.2	<10	30	0.05	0.04	0.10	0.45	11.55	5.1	9
L836665		0.34	0.034	0.59	0.16	78.6	0.7	<10	30	0.06	0.04	0.08	0.37	12.80	4.1	9
L836666		0.30	0.087	0.40	0.26	212	<0.2	<10	50	0.13	0.07	0.22	1.92	16.95	5.1	13



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
L836627		0.27	7.2	0.76	0.30	<0.05	0.04	0.33	<0.005	0.02	4.3	1.3	0.05	98	2.91
L836628		0.27	9.4	0.82	0.31	<0.05	0.04	0.06	<0.005	0.03	4.6	1.0	0.04	145	3.18
L836629		1.85	11.7	1.28	0.38	<0.05	0.04	0.62	0.007	0.04	5.9	1.2	0.02	144	3.41
L836630		1.15	9.8	1.33	0.50	<0.05	0.08	0.11	0.034	0.08	5.0	0.9	0.26	969	4.44
L836631		0.50	8.8	1.36	0.35	<0.05	0.09	0.04	0.010	0.06	4.7	0.8	0.65	287	3.22
L836632		0.44	10.0	0.91	0.41	<0.05	0.09	0.76	0.007	0.04	5.2	0.8	0.17	183	4.16
L836633		0.53	11.0	1.28	0.65	<0.05	0.05	0.94	0.006	0.06	7.9	1.5	0.06	161	10.70
L836634		0.52	12.3	1.27	1.44	<0.05	0.02	0.03	0.009	0.06	10.1	5.4	0.10	206	1.57
L836635		0.55	17.6	1.45	1.86	0.05	0.08	0.04	0.012	0.06	12.6	8.1	0.15	207	1.64
L836636		0.55	18.0	1.50	1.95	0.05	0.11	0.02	0.012	0.06	12.0	9.1	0.16	226	1.74
L836637		0.54	18.2	1.29	1.53	<0.05	0.06	0.04	0.012	0.06	11.8	5.9	0.12	185	2.26
L836638		0.25	6.4	0.62	0.60	<0.05	0.05	0.03	0.006	0.04	6.4	1.8	0.04	79	1.30
L836639		0.20	8.3	0.65	0.42	<0.05	0.03	0.03	0.011	0.03	5.3	0.9	0.02	60	1.30
L836640		0.60	13.9	1.41	0.66	<0.05	0.05	0.07	0.117	0.06	9.1	0.5	0.01	104	1.29
L836641		0.73	18.1	1.82	0.50	<0.05	0.04	0.07	0.158	0.04	5.5	0.7	0.01	182	1.39
L836642		0.21	1.7	0.40	0.16	<0.05	<0.02	0.01	0.006	0.03	0.6	1.0	12.15	191	0.10
L836643		1.96	20.5	2.28	0.98	0.08	0.13	0.03	0.053	0.12	18.6	0.8	0.03	129	1.59
L836644		0.41	8.5	0.99	0.41	<0.05	0.05	0.03	0.028	0.04	4.6	1.2	0.09	127	1.35
L836645		1.36	15.2	1.70	1.43	0.06	0.13	0.03	0.019	0.11	10.0	1.6	0.17	138	1.71
L836646		1.62	25.2	2.55	1.92	0.07	0.17	0.02	0.025	0.15	11.5	2.8	0.15	207	2.15
L836647		1.11	14.4	1.97	0.90	0.06	0.12	0.03	0.014	0.10	10.3	1.3	0.04	177	1.78
L836648		0.47	9.5	1.16	0.50	<0.05	0.06	0.04	0.007	0.06	5.7	0.6	0.06	123	1.96
L836649		0.30	7.4	0.84	0.35	<0.05	0.06	0.04	0.005	0.04	5.1	0.5	0.07	100	1.88
L836650		0.23	5.2	0.67	0.33	<0.05	0.04	0.05	<0.005	0.04	4.8	0.4	0.03	109	1.73
L836651		0.20	4.8	0.65	0.30	<0.05	0.03	0.05	<0.005	0.03	4.4	0.6	0.05	83	1.40
L836652		0.18	4.1	0.60	0.25	<0.05	0.04	0.04	<0.005	0.02	3.7	0.4	0.06	76	1.37
L836653		0.54	6.4	0.82	0.48	<0.05	0.05	0.05	0.005	0.05	6.0	2.0	0.05	86	1.85
L836654		0.76	13.3	1.22	0.84	0.05	0.06	0.04	0.007	0.07	9.6	3.4	0.07	99	1.97
L836655		0.17	6.2	0.59	0.23	<0.05	0.03	0.03	<0.005	0.02	3.1	0.6	0.04	87	1.42
L836656		0.53	7.9	1.66	0.47	<0.05	0.04	0.06	<0.005	0.05	5.6	1.3	0.04	122	1.67
L836657		0.54	8.3	0.98	0.46	<0.05	0.04	0.09	<0.005	0.06	6.0	1.0	0.06	80	1.99
L836658		0.30	7.3	0.94	0.38	<0.05	0.04	0.21	0.006	0.04	4.7	0.6	0.03	83	2.57
L836659		0.31	5.8	0.85	0.34	<0.05	0.04	0.70	<0.005	0.04	3.6	0.5	0.07	86	2.09
L836660		0.58	17.8	1.47	1.76	0.06	0.04	0.02	0.013	0.08	14.0	8.2	0.13	198	1.57
L836661		0.44	13.2	1.10	1.26	0.05	0.04	0.05	0.010	0.06	11.1	5.5	0.09	163	1.17
L836662		0.37	15.3	1.13	1.05	<0.05	0.03	0.83	0.010	0.05	9.9	3.9	0.07	166	1.91
L836663		0.39	15.0	1.10	1.01	0.05	0.03	0.10	0.010	0.05	10.1	3.7	0.07	166	1.99
L836664		0.22	8.7	0.71	0.46	<0.05	0.04	0.07	0.005	0.03	5.8	1.4	0.03	109	1.70
L836665		0.26	11.4	0.82	0.57	<0.05	0.04	0.06	<0.005	0.03	6.4	1.8	0.04	113	1.67
L836666		0.71	12.5	1.25	0.79	<0.05	0.03	0.04	0.007	0.06	9.1	2.9	0.05	131	1.88



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
L836627		<0.05	5.6	80	7.2	1.6	0.003	0.18	1.19	0.5	0.3	<0.2	15.1	<0.01	<0.01
L836628		0.07	5.9	80	5.4	1.9	0.001	0.18	1.33	0.5	0.4	0.2	5.0	<0.01	0.01
L836629		<0.05	8.3	100	32.7	2.9	0.005	0.11	6.13	0.8	0.8	0.2	6.8	<0.01	0.04
L836630		0.05	12.7	380	17.7	4.2	0.001	0.38	3.17	1.2	0.8	0.4	186.5	<0.01	0.06
L836631		<0.05	10.9	480	5.9	2.7	0.001	0.29	0.85	1.4	0.5	0.2	127.5	<0.01	0.01
L836632		0.12	7.9	420	8.9	2.3	0.007	0.18	0.79	1.1	0.4	<0.2	111.0	<0.01	0.01
L836633		0.07	12.5	190	9.9	3.5	0.008	0.27	6.78	0.8	0.5	0.2	20.7	<0.01	0.01
L836634		0.27	16.3	300	11.9	4.1	<0.001	<0.01	1.09	1.6	0.3	0.2	9.2	<0.01	0.01
L836635		0.23	19.7	350	18.4	3.9	<0.001	<0.01	1.26	2.1	0.4	0.2	10.2	<0.01	0.02
L836636		0.24	18.2	360	14.8	4.0	<0.001	<0.01	1.24	2.2	0.4	0.2	9.9	<0.01	0.02
L836637		0.24	17.9	330	29.0	3.8	0.001	<0.01	1.59	1.9	0.3	0.2	9.8	<0.01	0.01
L836638		0.15	5.5	70	44.8	2.7	<0.001	<0.01	1.73	0.9	0.2	<0.2	7.7	<0.01	0.01
L836639		0.06	4.7	70	25.0	2.2	<0.001	0.01	2.74	0.6	0.3	<0.2	7.2	<0.01	0.06
L836640		0.09	4.1	200	544	3.9	<0.001	0.03	9.98	1.1	0.5	0.2	51.4	<0.01	0.06
L836641		0.06	8.8	250	811	3.1	0.001	0.16	16.35	0.9	0.8	2.9	40.6	<0.01	0.07
L836642		0.12	1.4	240	2.2	1.6	<0.001	0.02	<0.05	0.4	0.2	<0.2	45.7	<0.01	0.01
L836643		<0.05	19.9	410	58.8	8.2	<0.001	0.03	3.64	1.2	1.0	0.4	20.5	<0.01	0.04
L836644		0.09	6.7	240	39.2	2.5	<0.001	0.10	1.52	0.7	0.3	0.2	14.0	<0.01	0.01
L836645		<0.05	19.3	430	14.4	7.2	<0.001	0.22	2.12	1.7	1.0	0.2	19.4	<0.01	0.02
L836646		0.08	28.8	650	29.6	9.2	<0.001	0.24	3.10	2.7	1.6	0.3	21.3	<0.01	0.04
L836647		<0.05	23.0	430	16.7	5.8	<0.001	0.11	1.69	1.5	0.9	<0.2	20.1	<0.01	0.02
L836648		0.08	10.4	220	9.2	3.2	0.001	0.15	1.00	0.7	0.6	<0.2	16.8	<0.01	0.01
L836649		0.05	6.7	180	8.2	2.2	0.001	0.13	0.67	0.6	0.4	<0.2	19.5	<0.01	<0.01
L836650		0.08	5.1	150	4.8	2.1	<0.001	0.10	0.48	0.5	0.3	<0.2	16.2	<0.01	0.01
L836651		0.05	5.3	150	3.5	1.7	0.001	0.13	0.50	0.5	0.3	<0.2	15.3	<0.01	<0.01
L836652		0.07	4.1	140	6.1	1.5	<0.001	0.13	0.42	0.4	0.3	<0.2	18.8	<0.01	0.01
L836653		<0.05	8.3	170	6.6	2.9	0.001	0.15	0.95	0.7	0.7	<0.2	33.4	<0.01	0.01
L836654		0.07	13.0	720	9.3	4.3	<0.001	0.21	1.10	0.9	0.6	0.2	29.4	<0.01	0.01
L836655		0.06	16.6	110	5.6	1.4	<0.001	0.13	0.67	0.4	0.3	<0.2	7.4	<0.01	<0.01
L836656		0.08	13.6	290	10.5	3.2	<0.001	0.26	2.77	0.7	1.3	<0.2	11.1	<0.01	0.01
L836657		0.05	11.4	160	8.6	3.4	0.001	0.44	0.94	0.5	0.4	0.2	9.9	<0.01	<0.01
L836658		0.10	10.5	160	18.5	2.3	0.002	0.27	1.38	0.4	0.3	<0.2	7.5	<0.01	0.01
L836659		<0.05	12.4	160	5.9	2.2	0.004	0.30	0.93	0.5	0.3	<0.2	65.7	<0.01	0.01
L836660		0.27	15.9	350	18.2	5.0	<0.001	0.01	1.42	1.7	0.4	0.2	8.9	<0.01	0.02
L836661		0.18	12.9	300	17.1	4.0	<0.001	0.02	1.11	1.3	0.3	<0.2	7.4	<0.01	0.01
L836662		0.23	11.7	260	15.6	3.2	0.005	0.04	1.21	1.1	0.3	0.2	6.1	<0.01	0.01
L836663		0.18	11.3	250	15.0	3.2	0.001	0.05	1.06	1.1	0.3	0.2	7.7	<0.01	0.01
L836664		0.13	6.1	150	8.5	2.1	0.001	0.08	0.75	0.5	0.2	<0.2	3.9	<0.01	0.01
L836665		0.12	7.5	150	9.6	2.2	<0.001	0.07	0.69	0.6	0.2	<0.2	5.0	<0.01	0.01
L836666		0.14	13.3	340	10.4	4.0	<0.001	0.05	1.35	0.9	0.5	<0.2	13.2	<0.01	0.01



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
L836627		<0.005	0.09	0.19	1	171.0	1.00	99	1.5
L836628		<0.005	0.04	0.26	1	29.8	1.14	271	1.7
L836629		<0.005	0.14	1.12	2	350	3.33	669	2.3
L836630		<0.005	0.08	0.42	4	49.0	5.35	262	3.5
L836631		<0.005	0.05	0.41	4	17.45	4.83	58	3.5
L836632		<0.005	0.10	0.33	4	430	3.36	90	3.6
L836633		<0.005	0.14	0.34	5	540	1.96	155	2.4
L836634		0.014	0.05	0.47	12	14.35	2.53	46	1.4
L836635		0.016	0.05	0.61	15	16.60	3.31	56	4.1
L836636		0.014	0.05	0.62	15	6.43	3.43	54	5.1
L836637		0.016	0.05	0.58	13	16.30	3.37	55	3.4
L836638		0.005	0.05	0.20	5	8.25	1.47	22	2.2
L836639		<0.005	0.04	0.19	3	15.95	0.96	24	1.7
L836640		<0.005	0.12	1.22	3	21.7	4.42	190	2.1
L836641		<0.005	0.12	1.39	3	19.80	3.24	582	2.0
L836642		<0.005	<0.02	0.77	2	0.15	0.90	15	<0.5
L836643		<0.005	0.15	0.66	6	6.96	3.27	483	6.0
L836644		<0.005	0.05	0.21	3	13.15	1.55	142	1.9
L836645		<0.005	0.08	0.42	9	11.90	2.79	229	6.6
L836646		<0.005	0.09	0.64	13	7.25	3.84	217	8.2
L836647		<0.005	0.06	0.52	6	9.53	3.28	242	5.6
L836648		<0.005	0.04	0.26	3	19.10	1.68	73	2.5
L836649		<0.005	0.03	0.20	2	24.2	1.47	35	2.3
L836650		<0.005	0.03	0.16	2	25.1	1.41	32	1.9
L836651		<0.005	0.03	0.16	1	28.2	1.19	26	1.6
L836652		<0.005	0.02	0.13	1	20.6	1.04	17	1.5
L836653		<0.005	0.05	0.21	3	25.4	1.55	37	2.2
L836654		<0.005	0.05	0.38	4	21.7	2.32	30	2.5
L836655		<0.005	0.02	0.14	1	16.00	0.86	29	1.0
L836656		<0.005	0.08	0.38	2	23.3	1.95	158	1.9
L836657		<0.005	0.05	0.19	3	50.0	1.12	20	1.8
L836658		<0.005	0.05	0.19	2	122.0	0.97	28	1.9
L836659		<0.005	0.09	0.14	1	920	1.17	13	1.4
L836660		0.013	0.05	0.72	15	4.71	3.07	62	2.6
L836661		0.010	0.05	0.58	11	22.2	2.51	51	2.5
L836662		0.009	0.12	0.49	9	650	2.30	65	1.7
L836663		0.009	0.05	0.46	8	55.0	2.24	63	2.0
L836664		<0.005	0.03	0.23	3	34.3	1.19	38	1.7
L836665		0.005	0.03	0.27	4	24.5	1.38	29	1.9
L836666		<0.005	0.06	0.40	6	19.45	2.60	108	1.9



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
L836667		0.67	0.015	0.47	0.42	151.5	<0.2	<10	70	0.23	0.11	0.17	1.35	23.4	6.5	14
L836668		0.72	0.005	0.99	0.47	163.5	<0.2	<10	70	0.20	0.12	0.34	1.18	19.65	6.4	17
L836669		1.18	<0.005	0.92	0.28	135.0	<0.2	<10	40	0.11	0.09	0.63	1.49	11.40	6.4	13
L836670		0.75	0.014	0.55	0.29	110.5	<0.2	<10	60	0.18	0.09	0.48	0.63	17.00	6.9	13
L836671		0.87	0.006	3.96	0.45	584	<0.2	<10	70	0.29	0.13	1.05	8.09	16.45	13.1	13
L836672		0.37	0.020	0.97	0.17	165.5	<0.2	<10	30	0.12	0.05	2.61	2.18	8.54	4.9	9
L836673		1.57	<0.005	0.54	1.15	84.4	<0.2	<10	130	0.55	0.38	1.14	1.24	34.6	9.9	20
L836674		1.22	<0.005	0.33	0.78	59.9	<0.2	<10	100	0.41	0.27	2.75	0.37	23.8	45.7	15
L836675		1.34	<0.005	0.23	0.50	50.6	<0.2	<10	80	0.25	0.18	3.66	0.24	16.50	9.6	12
L836676		1.88	<0.005	0.15	0.29	58.3	<0.2	<10	50	0.17	0.07	1.62	0.21	12.30	4.7	13
L836677		0.76	<0.005	0.15	0.18	77.5	<0.2	<10	40	0.10	0.05	0.98	0.20	10.30	3.7	10
L836678		1.90	0.005	0.09	0.08	40.0	<0.2	<10	10	<0.05	0.02	1.08	0.05	6.37	1.9	10
L836679		1.88	<0.005	0.11	0.14	27.1	<0.2	<10	20	0.07	0.04	2.32	0.19	9.16	2.9	10
L836680		0.84	0.015	0.28	0.15	108.5	<0.2	<10	40	0.08	0.04	0.92	0.47	12.40	40.6	8
L836681		1.14	0.015	0.24	0.16	108.0	<0.2	<10	30	0.08	0.05	0.80	0.52	11.20	196.5	7
L836682		0.55	<0.005	<0.01	0.05	2	<0.2	<10	10	0.05	0.02	19.80	0.06	1.84	1.1	1
L836683		0.30	0.052	0.23	0.11	69.7	<0.2	<10	20	0.05	0.03	0.49	0.59	9.75	292	17
L836684		0.99	0.034	0.24	0.65	65.0	<0.2	<10	90	0.18	0.09	0.23	0.40	24.8	5.6	17
L836685		1.38	0.028	0.40	0.67	88.7	<0.2	<10	110	0.22	0.13	0.15	0.55	28.1	9.7	18
L836686		0.30	0.209	0.55	0.58	169.5	<0.2	<10	90	0.19	0.16	0.17	0.91	28.5	6.7	16
L836687		0.13	0.281	0.52	0.29	130.5	<0.2	<10	70	0.10	0.07	0.05	0.44	18.70	6.7	12
L836688		0.29	0.303	0.36	0.27	321	<0.2	<10	50	0.08	0.07	0.07	0.34	16.60	3.2	11
L836689		0.43	0.045	0.14	0.12	166.0	<0.2	<10	30	0.05	0.03	0.03	0.30	11.80	4.7	9
L836690		0.19	0.053	0.26	0.21	206	<0.2	<10	40	0.08	0.05	0.07	0.50	15.30	3.3	11
L836691		0.30	0.028	0.18	0.09	152.0	<0.2	<10	20	<0.05	0.03	0.21	0.32	10.60	3.3	9
L836692		0.56	0.061	0.30	0.08	207	<0.2	<10	20	<0.05	0.03	0.04	0.76	8.80	2.4	10
L836693		0.55	0.047	0.40	0.07	204	<0.2	<10	30	<0.05	0.03	0.04	1.36	7.94	3.2	7
L836694		0.69	0.069	1.71	0.20	714	<0.2	<10	100	0.08	0.04	0.15	6.40	14.00	3.2	8
L836695		1.29	0.013	0.87	0.10	431	<0.2	<10	40	0.05	0.03	1.94	3.82	7.76	2.8	9
L836696		1.52	0.096	0.47	0.26	200	<0.2	<10	50	0.11	0.05	0.17	1.48	18.35	2.7	10
L836697		1.78	0.194	0.48	0.26	370	<0.2	<10	60	0.11	0.05	0.08	2.18	20.4	3.2	10
L836698		1.48	0.063	0.41	0.23	193.0	<0.2	<10	50	0.09	0.06	0.45	1.00	13.90	6.6	9
L836699		1.31	1.565	0.55	0.19	1450	0.3	<10	40	0.07	0.05	0.12	1.02	10.45	4.2	8
L836700		1.47	0.397	0.51	0.32	141.0	<0.2	<10	70	0.13	0.07	0.04	0.76	19.25	3.6	10
L836701		1.37	1.395	1.11	0.29	119.5	0.4	<10	80	0.11	0.06	0.06	1.17	23.0	2.9	11
L836702		0.93	0.639	2.02	0.49	866	0.2	<10	130	0.26	0.14	0.97	7.54	23.0	9.2	11
L836703		0.98	0.155	0.48	0.44	528	<0.2	<10	100	0.26	0.14	3.71	1.70	14.25	9.3	8
L836704		1.10	0.380	4.47	0.39	540	<0.2	<10	90	0.20	0.11	1.19	3.82	13.45	6.5	11
L836705		0.85	0.187	12.00	0.14	222	<0.2	<10	40	0.07	0.03	0.28	5.27	9.29	2.4	8
L836706		1.85	0.376	25.5	0.30	348	<0.2	<10	70	0.12	0.06	0.16	19.70	12.95	3.0	9



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
L836667		1.40	13.1	1.68	1.25	0.07	0.07	0.03	0.012	0.08	12.9	2.7	0.03	140	1.63
L836668		1.39	18.1	2.32	1.35	0.08	0.10	0.03	0.011	0.08	10.9	2.9	0.04	185	1.92
L836669		0.85	9.7	1.86	0.82	0.06	0.06	0.04	0.008	0.06	6.0	3.8	0.16	159	2.01
L836670		1.51	12.2	1.48	0.84	0.06	0.06	0.03	0.010	0.09	9.1	2.4	0.08	126	1.87
L836671		1.99	36.2	3.10	1.10	0.08	0.14	0.09	0.043	0.09	9.2	3.0	0.14	297	2.41
L836672		0.62	12.4	1.28	0.47	<0.05	0.06	0.04	0.014	0.04	4.5	1.7	0.12	180	1.55
L836673		2.79	27.1	2.05	3.06	0.09	0.19	0.01	0.026	0.18	17.8	4.1	0.34	141	1.40
L836674		2.59	21.2	2.29	1.98	0.07	0.15	0.41	0.023	0.17	12.4	2.0	0.56	177	1.71
L836675		1.78	15.7	1.78	1.27	0.05	0.12	0.01	0.016	0.13	8.3	1.5	0.38	158	1.67
L836676		0.98	10.4	1.17	0.80	0.05	0.07	0.02	0.008	0.07	6.3	2.0	0.17	98	2.00
L836677		0.64	9.1	0.88	0.55	<0.05	0.05	0.02	0.006	0.06	5.3	1.6	0.10	70	2.02
L836678		0.18	7.1	0.63	0.27	<0.05	0.04	0.02	<0.005	0.02	3.0	0.6	0.08	71	1.80
L836679		0.39	6.9	1.00	0.42	<0.05	0.05	0.03	0.009	0.04	4.3	0.5	0.16	125	1.96
L836680		0.47	6.8	0.92	0.44	<0.05	0.06	0.29	0.007	0.05	6.0	1.0	0.10	85	1.32
L836681		0.43	6.1	0.94	0.48	<0.05	0.06	0.68	0.006	0.05	5.3	1.7	0.08	93	1.07
L836682		0.26	1.3	0.35	0.16	<0.05	<0.02	0.01	<0.005	0.03	0.8	1.0	12.70	183	0.71
L836683		0.24	8.9	0.92	0.40	<0.05	0.05	0.61	0.005	0.03	4.7	0.9	0.08	158	7.25
L836684		0.57	17.7	1.54	1.82	0.06	0.04	0.03	0.012	0.07	11.3	6.5	0.23	222	2.20
L836685		0.63	19.6	1.60	1.94	0.07	0.11	0.10	0.014	0.08	13.5	6.1	0.17	223	2.03
L836686		0.61	21.8	1.53	1.74	0.07	0.10	0.05	0.017	0.07	14.0	4.9	0.14	186	1.92
L836687		0.35	16.1	0.93	0.95	<0.05	0.07	0.10	0.008	0.06	8.8	2.1	0.05	117	1.62
L836688		0.31	19.7	0.88	0.88	<0.05	0.06	0.03	0.009	0.04	7.7	2.1	0.07	111	2.25
L836689		0.18	11.5	0.58	0.45	<0.05	0.05	0.07	0.006	0.03	5.5	0.9	0.02	61	1.62
L836690		0.29	12.4	0.90	0.70	<0.05	0.05	0.04	0.009	0.04	7.0	1.7	0.04	104	1.89
L836691		0.19	10.2	0.68	0.34	<0.05	0.04	0.05	0.005	0.03	4.9	0.8	0.04	181	1.76
L836692		0.20	8.0	0.70	0.31	<0.05	0.04	0.03	<0.005	0.03	4.1	0.4	0.01	143	1.84
L836693		0.24	6.3	0.61	0.25	<0.05	0.03	0.05	0.006	0.03	3.8	0.3	0.01	138	1.30
L836694		0.37	10.5	1.28	0.61	<0.05	0.06	0.03	0.032	0.04	6.8	1.5	0.04	566	0.90
L836695		0.25	6.1	0.93	0.31	<0.05	0.05	0.03	0.023	0.02	3.7	0.9	0.05	363	1.03
L836696		0.37	7.0	0.88	0.78	<0.05	0.07	0.02	0.013	0.05	9.1	2.4	0.05	141	0.74
L836697		0.43	8.1	0.95	0.79	<0.05	0.07	0.03	0.014	0.05	9.9	2.3	0.05	133	0.96
L836698		0.33	6.8	0.90	0.67	<0.05	0.06	0.06	0.010	0.04	6.6	2.1	0.07	175	0.86
L836699		0.29	8.1	1.22	0.58	<0.05	0.06	0.04	0.007	0.04	5.2	1.6	0.05	160	0.81
L836700		0.47	9.2	0.93	1.00	0.05	0.09	0.03	0.009	0.06	9.3	3.3	0.06	115	1.17
L836701		0.59	7.9	0.84	0.90	0.05	0.08	0.03	0.008	0.07	11.5	2.3	0.05	168	1.31
L836702		2.29	29.9	3.52	1.28	0.08	0.20	0.02	0.021	0.16	11.2	2.5	0.11	266	1.59
L836703		2.00	17.9	3.48	1.04	0.07	0.21	0.02	0.023	0.16	6.9	1.9	0.62	375	0.92
L836704		1.55	20.5	2.55	1.00	0.05	0.13	0.03	0.016	0.12	6.4	2.4	0.33	370	1.47
L836705		0.48	16.1	0.95	0.43	<0.05	0.05	0.04	0.014	0.05	4.3	0.6	0.07	130	0.91
L836706		0.53	34.7	1.63	0.91	0.05	0.08	0.05	0.038	0.06	6.3	3.0	0.09	149	1.03



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
L836667		0.06	17.9	740	11.1	5.8	<0.001	0.08	2.07	1.4	0.8	<0.2	11.9	<0.01	0.02	4.8
L836668		0.10	21.9	820	13.1	5.4	<0.001	0.26	2.69	1.5	1.2	<0.2	22.2	<0.01	0.02	4.6
L836669		0.05	17.5	810	10.3	3.8	<0.001	0.43	1.97	1.1	1.4	<0.2	14.8	<0.01	0.02	3.1
L836670		0.07	17.9	430	8.7	5.7	<0.001	0.25	1.54	1.1	1.0	<0.2	20.3	<0.01	0.02	4.3
L836671		0.06	38.4	1590	29.4	6.4	0.001	0.35	4.52	2.3	1.9	<0.2	65.9	<0.01	0.04	5.1
L836672		0.10	12.7	530	10.1	2.5	<0.001	0.20	1.56	1.1	0.7	<0.2	60.2	<0.01	0.01	2.1
L836673		0.05	29.3	810	18.1	11.2	0.001	0.27	3.54	3.0	1.1	0.3	38.1	<0.01	0.03	9.1
L836674		0.06	32.0	670	14.0	10.1	0.003	0.33	2.25	2.7	1.0	0.2	74.7	<0.01	0.03	8.2
L836675		0.05	23.0	460	10.0	7.4	0.001	0.30	1.44	2.0	0.8	<0.2	119.5	<0.01	0.02	5.6
L836676		0.06	10.7	240	4.7	4.1	0.001	0.35	1.31	1.1	0.7	<0.2	44.6	<0.01	0.01	3.1
L836677		<0.05	9.3	200	4.7	3.6	0.001	0.36	0.76	0.7	0.6	<0.2	28.6	<0.01	0.01	2.4
L836678		0.07	4.8	120	7.4	1.3	<0.001	0.14	0.40	0.5	0.2	<0.2	21.8	<0.01	<0.01	1.1
L836679		0.05	6.3	180	5.1	2.2	<0.001	0.14	0.68	0.8	0.4	<0.2	46.9	<0.01	0.01	1.7
L836680		0.07	8.4	210	18.2	3.1	0.002	0.37	1.14	0.7	0.5	<0.2	21.2	<0.01	0.01	2.4
L836681		<0.05	7.6	180	12.7	3.0	0.004	0.44	0.99	0.7	0.6	<0.2	19.3	<0.01	0.01	2.1
L836682		0.11	1.9	320	1.2	1.5	<0.001	<0.01	<0.05	0.4	0.2	<0.2	51.2	<0.01	0.01	<0.2
L836683		0.06	9.0	170	15.9	1.9	0.004	0.19	0.85	0.6	0.2	0.2	6.5	<0.01	0.01	1.6
L836684		0.35	21.4	410	14.7	4.7	<0.001	0.01	1.16	1.7	0.5	0.2	10.2	<0.01	0.02	3.6
L836685		0.28	19.7	450	19.2	5.4	0.001	0.01	1.44	2.2	0.5	0.2	13.7	<0.01	0.02	4.0
L836686		0.22	17.5	580	41.2	5.0	<0.001	0.01	1.77	2.1	0.5	0.3	13.9	<0.01	0.02	4.4
L836687		0.14	8.0	160	26.1	3.8	<0.001	<0.01	1.12	1.0	0.3	0.2	8.0	<0.01	0.01	2.3
L836688		0.17	8.8	200	18.6	3.0	<0.001	0.01	1.57	1.1	0.3	0.2	7.6	<0.01	0.01	2.6
L836689		0.08	4.5	110	6.4	2.1	<0.001	0.01	0.69	0.6	0.2	<0.2	3.8	<0.01	0.01	2.1
L836690		0.14	7.3	180	9.4	2.9	<0.001	0.05	1.28	0.8	0.3	<0.2	7.8	<0.01	0.01	2.6
L836691		0.08	4.6	140	4.8	1.8	<0.001	0.09	0.53	0.5	0.2	<0.2	4.5	<0.01	0.01	1.8
L836692		0.08	4.2	110	10.6	1.7	<0.001	0.08	0.60	0.4	0.2	<0.2	3.0	<0.01	<0.01	1.7
L836693		0.05	4.0	140	13.4	1.7	<0.001	0.05	0.62	0.4	0.2	<0.2	4.5	<0.01	0.01	1.4
L836694		0.07	9.4	290	69.2	2.7	<0.001	0.09	2.04	0.9	0.3	<0.2	20.4	<0.01	0.01	2.7
L836695		0.09	5.7	210	33.0	1.5	<0.001	0.14	1.37	0.7	0.3	<0.2	60.2	<0.01	0.01	1.8
L836696		0.06	7.1	200	24.7	3.3	<0.001	0.07	1.19	0.9	0.3	<0.2	10.4	<0.01	0.01	2.8
L836697		0.06	7.7	220	26.2	3.3	<0.001	0.06	1.47	0.9	0.3	<0.2	9.0	<0.01	0.01	3.2
L836698		0.06	7.9	180	22.6	2.7	<0.001	0.17	1.05	0.8	0.3	<0.2	15.8	<0.01	0.01	2.6
L836699		0.06	5.7	150	17.7	2.6	<0.001	0.54	2.74	0.7	0.5	<0.2	7.1	<0.01	0.02	2.1
L836700		0.06	8.7	180	22.7	3.6	<0.001	0.04	1.31	1.0	0.3	<0.2	7.5	<0.01	0.01	2.6
L836701		0.08	6.9	160	39.6	4.5	<0.001	0.04	0.96	0.9	0.4	0.2	8.9	<0.01	0.01	2.6
L836702		0.07	33.4	610	102.5	10.5	<0.001	0.71	4.11	2.2	1.7	0.5	46.0	<0.01	0.03	8.4
L836703		0.06	33.8	730	19.6	10.3	<0.001	1.49	1.83	2.4	1.4	0.2	100.5	<0.01	0.03	5.7
L836704		0.07	24.0	540	96.7	8.0	<0.001	1.16	4.78	1.8	1.2	1.7	27.9	<0.01	0.02	5.0
L836705		0.07	6.2	190	217	3.4	<0.001	0.38	5.75	0.8	0.9	3.9	8.3	<0.01	0.01	1.7
L836706		0.06	10.6	240	467	4.0	<0.001	0.68	19.35	1.1	1.1	5.6	9.0	<0.01	0.01	2.6



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
L836667		<0.005	0.08	0.47	8	15.30	3.71	111	3.6
L836668		<0.005	0.09	0.53	9	9.19	3.45	104	4.9
L836669		<0.005	0.06	0.34	6	13.10	2.68	113	3.2
L836670		<0.005	0.08	0.31	5	14.00	2.37	68	2.7
L836671		<0.005	0.09	1.06	8	33.5	10.20	851	6.3
L836672		<0.005	0.04	0.36	3	16.45	3.86	224	2.6
L836673		<0.005	0.11	0.59	17	4.22	4.25	119	9.2
L836674		<0.005	0.11	0.81	11	270	4.40	86	7.5
L836675		<0.005	0.06	0.60	8	3.78	3.90	60	6.0
L836676		<0.005	0.06	0.36	6	13.20	2.24	43	3.0
L836677		<0.005	0.04	0.30	3	9.53	1.57	27	2.3
L836678		<0.005	0.02	0.15	2	10.45	1.00	9	1.4
L836679		<0.005	0.03	0.21	3	13.30	1.81	30	2.0
L836680		<0.005	0.08	0.27	3	201	1.58	46	2.1
L836681		<0.005	0.12	0.24	3	710	1.44	35	2.0
L836682		<0.005	<0.02	0.45	2	2.95	1.04	15	<0.5
L836683		<0.005	0.09	0.24	4	790	1.56	48	1.8
L836684		0.023	0.05	0.60	18	7.38	2.94	68	2.8
L836685		0.025	0.08	0.76	20	45.3	3.80	72	5.2
L836686		0.019	0.07	0.71	16	20.1	4.20	76	4.8
L836687		0.009	0.05	0.33	7	51.1	1.89	38	3.3
L836688		0.012	0.04	0.39	8	9.89	2.00	35	2.6
L836689		0.005	0.03	0.24	3	38.7	1.07	20	2.1
L836690		0.007	0.04	0.41	5	16.50	1.74	45	2.5
L836691		<0.005	0.03	0.18	2	21.8	1.20	30	1.6
L836692		<0.005	0.03	0.20	2	16.05	0.94	33	1.6
L836693		<0.005	0.03	0.26	1	22.3	1.01	87	1.2
L836694		<0.005	0.10	0.79	4	7.07	2.37	157	2.4
L836695		<0.005	0.06	0.52	2	13.10	2.36	124	1.9
L836696		<0.005	0.05	0.41	5	7.75	1.91	63	2.9
L836697		<0.005	0.05	0.45	6	13.45	2.12	86	3.0
L836698		<0.005	0.05	0.35	5	29.0	1.76	52	2.5
L836699		<0.005	0.05	0.31	4	18.60	1.28	67	2.4
L836700		<0.005	0.05	0.40	7	9.62	1.86	46	3.8
L836701		<0.005	0.07	0.35	6	10.50	1.84	55	3.5
L836702		<0.005	0.15	0.91	10	2.70	5.16	459	9.5
L836703		<0.005	0.13	0.58	8	4.57	4.64	144	9.3
L836704		<0.005	0.13	0.55	8	3.60	3.77	203	5.8
L836705		<0.005	0.05	0.23	3	9.72	1.85	247	2.0
L836706		<0.005	0.07	0.40	7	3.27	2.06	1190	3.4



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
L836707		1.45	0.478	20.2	0.24	130.5	<0.2	<10	60	0.11	0.07	0.09	28.9	14.90	2.6	10
L836708		1.92	0.113	7.36	0.37	153.0	<0.2	<10	80	0.16	0.09	0.08	9.00	18.65	146.5	12
L836709		1.61	0.100	1.47	0.42	145.5	<0.2	<10	80	0.16	0.08	0.09	1.57	19.55	9.7	15
L836710		1.74	0.030	0.77	0.34	93.4	<0.2	<10	70	0.14	0.06	0.05	1.65	18.00	4.4	10
L836711		1.18	0.094	1.03	0.48	131.5	<0.2	<10	100	0.19	0.07	0.09	1.68	25.8	4.4	13
L836712		1.23	0.451	1.76	0.48	406	1.0	<10	90	0.19	0.11	0.23	1.30	18.60	14.3	16
L836713		1.56	0.110	1.94	0.47	263	<0.2	<10	90	0.25	0.13	0.37	1.27	18.25	151.0	21
L836714		1.17	0.023	0.32	0.79	51.6	<0.2	<10	120	0.24	0.11	0.12	0.58	29.7	6.9	17
L836715		0.97	0.053	0.38	0.60	60.9	<0.2	<10	90	0.20	0.09	0.11	0.93	26.0	5.8	15
L836716		1.25	0.063	0.43	0.46	65.4	<0.2	<10	80	0.16	0.08	0.11	0.99	23.0	7.1	15
L836717		0.21	0.045	0.28	0.31	45.5	<0.2	<10	50	0.11	0.05	0.08	0.63	18.30	5.8	14
L836718		0.58	0.018	0.32	0.11	49.7	<0.2	<10	20	0.05	0.03	0.14	0.55	10.00	3.2	8
L836719		0.64	0.029	0.27	0.11	32.7	<0.2	<10	20	<0.05	0.02	0.11	0.37	8.85	3.0	8
L836720		0.94	<0.005	0.01	0.03	2	<0.2	<10	10	<0.05	0.01	19.20	0.05	1.09	0.9	1
L836721		0.66	0.008	0.26	0.13	13.4	<0.2	<10	20	0.05	0.04	0.27	0.17	9.19	3.4	9
L836722		0.35	0.027	1.59	0.12	145.5	<0.2	<10	40	0.05	0.03	0.10	2.64	9.54	4.6	8
L836723		0.49	0.006	3.28	0.08	342	<0.2	<10	80	<0.05	0.03	0.04	8.27	7.28	3.6	6



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Sample Description	Method Analyte Units LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
L836707		0.53	23.9	1.07	0.74	<0.05	0.09	0.22	0.058	0.06	7.3	2.0	0.04	78	1.23	0.02
L836708		0.53	17.2	1.29	1.09	0.05	0.10	0.73	0.026	0.07	9.2	3.9	0.07	125	1.48	0.02
L836709		0.51	13.6	1.32	1.26	0.05	0.10	0.08	0.013	0.07	9.3	4.3	0.08	154	2.14	0.02
L836710		0.52	10.5	0.99	1.02	<0.05	0.09	0.04	0.010	0.06	8.8	3.6	0.06	111	1.47	0.02
L836711		1.06	13.7	1.29	1.45	0.06	0.08	0.03	0.010	0.10	12.7	4.5	0.09	158	1.59	0.02
L836712		0.69	15.9	1.92	1.44	0.06	0.09	0.08	0.015	0.08	9.2	5.1	0.13	213	3.35	0.03
L836713		1.23	15.2	2.07	1.32	0.06	0.09	0.88	0.015	0.10	8.9	4.1	0.14	169	4.55	0.03
L836714		0.67	19.2	1.76	2.11	0.06	0.03	0.02	0.011	0.08	14.5	7.6	0.18	402	1.82	0.02
L836715		0.61	17.9	1.50	1.68	0.06	0.03	0.02	0.012	0.06	13.2	5.3	0.14	338	1.56	0.02
L836716		0.54	18.5	1.35	1.36	0.05	0.03	0.04	0.013	0.05	11.9	4.0	0.10	298	2.01	0.02
L836717		0.41	21.7	1.16	1.01	0.05	0.02	0.04	0.007	0.04	9.4	2.4	0.07	193	2.72	0.02
L836718		0.23	15.6	0.67	0.35	<0.05	0.03	0.02	<0.005	0.03	5.0	0.8	0.01	117	1.75	0.01
L836719		0.21	9.8	0.60	0.36	<0.05	0.03	0.02	<0.005	0.03	4.5	0.8	0.02	106	1.55	0.01
L836720		0.15	1.1	0.43	0.12	0.11	<0.02	0.01	<0.005	0.01	0.5	0.9	12.25	182	0.07	0.02
L836721		0.22	10.6	0.83	0.39	<0.05	0.03	0.03	<0.005	0.03	4.7	1.1	0.06	120	1.61	0.01
L836722		0.24	9.2	0.76	0.37	<0.05	0.03	0.03	0.007	0.03	4.8	0.9	0.04	343	1.34	0.01
L836723		0.30	6.6	0.94	0.28	<0.05	0.04	0.03	0.012	0.02	4.3	0.5	0.01	764	0.76	0.01



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CERTIFICATE OF ANALYSIS WH11176165

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
L836707		0.06	7.0	240	675	3.8	<0.001	0.28	17.55	0.9	0.8	1.5	9.5	<0.01	0.01	2.5
L836708		0.05	10.5	240	158.0	4.3	0.004	0.23	6.92	1.1	0.5	0.8	9.4	<0.01	0.01	3.2
L836709		0.09	12.4	290	39.7	4.2	0.001	0.20	1.65	1.3	0.4	0.5	8.9	<0.01	0.01	3.2
L836710		0.07	9.2	190	26.3	3.8	<0.001	0.04	1.83	1.1	0.4	0.3	8.1	<0.01	0.01	2.7
L836711		0.08	12.0	270	28.3	6.3	<0.001	0.09	1.68	1.5	0.6	0.4	11.4	<0.01	0.02	3.7
L836712		0.10	18.8	360	39.3	4.9	0.001	0.71	1.80	1.6	0.8	0.4	14.8	<0.01	0.02	3.6
L836713		0.07	22.0	380	37.2	6.4	0.006	0.91	1.82	1.5	1.1	0.7	18.5	<0.01	0.02	4.6
L836714		0.33	20.0	480	13.8	5.9	<0.001	0.03	1.27	2.2	0.4	0.2	10.0	<0.01	0.02	3.4
L836715		0.34	17.9	450	19.9	4.9	<0.001	0.03	1.37	2.0	0.3	0.2	10.3	<0.01	0.01	3.6
L836716		0.32	17.0	430	24.4	4.3	<0.001	0.04	1.36	1.7	0.3	0.3	10.5	<0.01	0.01	3.3
L836717		0.23	14.8	310	13.0	3.5	<0.001	0.03	0.79	1.2	0.2	0.2	7.7	<0.01	0.01	2.6
L836718		0.08	7.4	210	9.3	2.1	<0.001	0.09	0.49	0.5	0.2	<0.2	5.0	<0.01	<0.01	1.7
L836719		0.08	6.5	150	6.6	2.1	<0.001	0.08	0.40	0.5	<0.2	<0.2	3.3	<0.01	<0.01	1.4
L836720		0.16	1.4	200	1.6	0.9	0.001	0.04	<0.05	0.3	<0.2	<0.2	44.0	<0.01	0.01	<0.2
L836721		0.08	7.9	150	8.7	2.3	0.001	0.31	0.81	0.5	0.2	<0.2	5.1	<0.01	0.01	1.6
L836722		0.08	7.5	200	63.0	2.1	<0.001	0.08	1.08	0.6	<0.2	<0.2	5.4	<0.01	<0.01	1.7
L836723		0.06	8.7	230	81.9	1.4	<0.001	0.07	2.03	0.5	0.2	<0.2	8.3	<0.01	<0.01	1.6



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CERTIFICATE OF ANALYSIS WH11176165

Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
L836707		<0.005	0.09	0.45	5	10.30	1.93	1980	3.5
L836708		<0.005	0.14	0.52	8	570	2.21	619	3.9
L836709		0.007	0.06	0.53	10	42.7	2.58	111	4.4
L836710		0.005	0.07	0.40	8	21.4	2.03	69	3.6
L836711		0.006	0.10	0.56	11	12.05	2.69	106	4.6
L836712		0.007	0.07	0.61	12	38.8	2.91	75	4.8
L836713		<0.005	0.18	0.53	10	620	2.64	81	3.6
L836714		0.021	0.07	0.85	20	8.55	3.77	64	1.4
L836715		0.022	0.06	0.73	17	9.83	4.15	84	1.5
L836716		0.020	0.05	0.62	14	27.2	3.99	87	1.6
L836717		0.015	0.05	0.43	9	28.9	2.70	52	1.2
L836718		<0.005	0.03	0.18	2	19.35	1.42	38	1.3
L836719		<0.005	0.03	0.16	2	19.40	1.09	31	1.3
L836720		<0.005	<0.02	0.77	<1	0.82	0.84	13	<0.5
L836721		<0.005	0.05	0.19	3	23.7	1.15	22	1.4
L836722		<0.005	0.07	0.39	3	21.5	1.47	101	1.6
L836723		<0.005	0.10	0.59	2	10.35	1.68	235	1.7



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Method	CERTIFICATE COMMENTS
ME- MS41 ME- MS41	Interference: Ca> 10% on ICP- MS As,ICP- AES results shown. Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).



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CERTIFICATE WH11176166

Project: Mount Hinton

P.O. No.:

This report is for 175 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30- AUG- 2011.

The following have access to data associated with this certificate:

DOUG EATON

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 22Y	Split Sample - Boyd Rotary Splitter
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
PUL- 31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- MS41	51 anal. aqua regia ICPMS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
L836724		0.78	0.006	0.50	0.07	51.9	<0.2	<10	20	<0.05	0.02	0.21	1.23	7.38	4.9	14
L836725		1.84	0.005	1.56	0.07	49.6	<0.2	<10	20	<0.05	0.02	0.12	1.80	6.85	3.1	15
L836726		0.97	0.050	67.6	0.07	174.0	<0.2	<10	30	<0.05	0.04	0.02	4.44	8.57	1.4	14
L836727		0.50	0.055	22.8	0.10	130.0	<0.2	<10	30	<0.05	0.03	0.01	3.93	11.10	0.6	8
L836728		0.38	0.633	4.16	0.08	86.7	<0.2	<10	20	<0.05	0.03	0.10	5.61	8.16	3.2	12
L836729		1.07	0.068	0.78	0.06	359	<0.2	<10	10	<0.05	0.02	0.18	1.23	8.24	5.2	16
L836730		1.26	0.118	2.70	0.04	110.0	<0.2	<10	10	<0.05	0.01	0.23	0.39	5.53	71.2	8
L836731		0.98	0.011	0.96	0.06	53.8	<0.2	<10	10	<0.05	0.02	1.05	0.27	6.85	104.5	8
L836732		0.55	0.077	1.50	0.04	40.6	<0.2	<10	10	<0.05	0.02	0.94	0.40	5.61	10.0	7
L836733		1.05	0.011	1.41	0.42	49.0	<0.2	<10	70	0.13	0.07	0.09	0.37	20.4	5.7	16
L836734		1.11	0.014	1.65	0.45	60.0	<0.2	<10	70	0.14	0.12	0.12	0.81	23.3	5.0	14
L836735		0.55	0.028	1.75	0.45	69.6	<0.2	<10	70	0.15	0.07	0.11	0.98	23.5	5.0	14
L836736		0.37	0.019	1.30	0.30	44.7	<0.2	<10	50	0.09	0.06	0.10	0.63	18.30	3.3	12
L836737		0.63	0.029	0.89	0.35	50.7	<0.2	<10	50	0.12	0.07	0.10	0.55	19.05	3.6	16
L836738		0.87	0.049	1.91	0.20	70.8	<0.2	<10	70	0.09	0.08	0.04	1.13	18.55	1.7	13
L836739		1.21	0.008	0.88	0.10	34.6	<0.2	<10	30	0.05	0.03	0.05	0.80	11.50	2.3	12
L836740		1.17	0.008	1.85	0.12	26.8	<0.2	<10	20	0.05	0.03	0.17	0.40	11.80	2.0	11
L836741		1.27	0.007	1.23	0.08	28.4	<0.2	<10	20	<0.05	0.02	0.30	1.02	11.05	2.1	11
L836742		1.15	0.026	1.60	0.19	24.8	<0.2	<10	50	0.10	0.07	0.08	1.19	23.4	2.1	14
L836743		0.83	0.006	0.54	0.16	43.4	<0.2	<10	40	0.08	0.04	0.24	1.59	14.35	2.9	13
L836744		1.62	0.016	1.01	0.40	50.5	<0.2	<10	70	0.14	0.08	0.14	0.67	21.8	4.5	14
L836745		1.40	0.015	1.43	0.37	56.1	<0.2	<10	60	0.13	0.08	0.19	0.45	19.70	3.8	12
L836746		0.92	0.020	1.19	0.35	48.8	<0.2	<10	60	0.11	0.07	0.09	0.60	18.60	3.6	12
L836747		1.08	0.007	1.74	0.34	47.7	<0.2	<10	60	0.10	0.07	0.24	0.46	13.35	3.8	12
L836748		1.47	0.006	1.07	0.29	46.6	<0.2	<10	60	0.10	0.06	0.20	0.35	12.65	3.3	10
L836749		1.62	0.026	0.81	0.33	79.4	<0.2	<10	70	0.11	0.05	0.15	0.79	14.75	72.6	12
L836750		1.87	0.006	0.73	0.29	43.0	<0.2	<10	60	0.10	0.05	0.28	0.46	13.90	8.7	12
L836751		1.95	0.055	0.68	0.26	78.4	<0.2	<10	50	0.09	0.05	0.30	0.66	11.60	4.8	12
L836752		1.73	0.019	0.92	0.33	62.2	<0.2	<10	70	0.11	0.05	0.22	0.51	14.80	83.3	17
L836753		0.75	0.011	0.44	1.32	74.1	<0.2	<10	150	0.36	0.17	0.14	0.32	30.1	12.0	28
L836754		1.41	0.020	2.76	0.66	54.1	<0.2	<10	120	0.22	0.14	0.12	0.41	23.6	8.7	16
L836755		0.44	0.008	3.47	0.42	45.5	<0.2	<10	110	0.13	0.15	0.06	0.29	17.20	5.5	12
L836756		0.60	<0.005	0.03	0.05	<2	<0.2	<10	20	<0.05	0.03	19.10	0.07	1.89	1.4	1
L836757		0.46	0.010	5.00	0.19	40.9	<0.2	<10	70	0.11	0.07	1.07	0.91	15.10	3.9	8
L836758		0.46	0.011	6.80	0.32	58.7	<0.2	<10	70	0.13	0.13	0.10	3.01	16.90	4.1	11
L836759		1.01	0.005	0.88	0.11	16.5	<0.2	<10	30	0.05	0.03	0.50	1.67	8.39	3.3	11
L836760		0.31	<0.005	1.35	0.18	22.8	<0.2	<10	40	0.07	0.04	0.11	0.89	9.81	2.6	8
L836761		0.20	<0.005	1.09	0.13	18.2	<0.2	<10	30	<0.05	0.03	0.07	1.64	7.89	2.7	7
L836762		1.76	<0.005	1.26	0.13	17.2	<0.2	<10	40	0.05	0.02	2.32	2.40	8.10	3.1	7
L836763		0.98	0.007	0.43	0.08	18.6	<0.2	<10	20	<0.05	0.02	0.09	0.96	6.23	4.2	11



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
L836724		0.19	7.4	0.61	0.25	<0.05	0.04	0.05	<0.005	0.03	4.0	0.7	0.04	190	2.33
L836725		0.15	6.8	0.58	0.26	<0.05	0.05	0.04	<0.005	0.02	3.8	0.7	0.02	128	2.12
L836726		0.25	20.0	0.59	0.31	<0.05	0.05	0.11	0.025	0.03	4.7	0.1	<0.01	122	2.59
L836727		0.33	10.8	0.46	0.38	<0.05	0.06	0.07	0.038	0.04	5.7	<0.1	<0.01	70	0.80
L836728		0.23	8.4	0.62	0.31	<0.05	0.05	0.06	0.026	0.03	4.2	0.1	0.02	160	1.85
L836729		0.23	9.7	0.80	0.24	<0.05	0.05	0.06	<0.005	0.03	4.1	<0.1	0.04	173	3.39
L836730		0.14	5.2	0.54	0.19	<0.05	0.05	0.40	0.005	0.02	3.1	<0.1	0.04	108	1.00
L836731		0.16	3.6	0.59	0.23	<0.05	0.06	0.31	0.005	0.02	3.9	0.3	0.04	118	0.85
L836732		0.11	4.8	0.54	0.19	<0.05	0.06	0.10	0.012	0.01	3.2	0.3	0.05	142	1.27
L836733		0.52	10.8	1.20	1.17	0.05	0.02	0.03	0.009	0.06	10.0	4.2	0.09	181	1.55
L836734		0.59	14.0	1.32	1.27	0.05	0.08	0.02	0.011	0.06	11.7	3.9	0.10	232	1.60
L836735		0.65	19.1	1.32	1.26	0.05	0.09	0.02	0.011	0.06	12.1	3.6	0.09	203	1.77
L836736		0.54	19.6	1.02	0.89	<0.05	0.06	0.02	0.009	0.05	9.4	2.5	0.07	163	2.06
L836737		0.68	20.1	1.16	1.02	<0.05	0.07	0.03	0.010	0.05	9.7	3.4	0.09	146	2.71
L836738		0.94	9.0	1.00	0.65	<0.05	0.07	0.06	0.008	0.07	9.9	0.9	0.01	61	2.18
L836739		0.47	8.1	0.63	0.32	<0.05	0.05	0.02	0.007	0.03	5.9	1.1	0.01	101	1.80
L836740		0.40	8.7	0.58	0.39	<0.05	0.05	0.02	<0.005	0.03	6.1	1.1	0.03	113	1.59
L836741		0.39	8.4	0.64	0.30	<0.05	0.05	0.02	<0.005	0.03	5.7	0.5	0.04	100	2.12
L836742		1.12	12.6	0.64	0.59	<0.05	0.09	0.05	<0.005	0.07	12.6	1.0	0.02	65	2.67
L836743		0.59	15.4	0.85	0.49	<0.05	0.06	0.02	0.006	0.05	7.6	1.1	0.06	138	2.56
L836744		0.70	12.8	1.16	1.13	0.05	0.10	0.02	0.012	0.07	11.4	3.1	0.09	193	1.51
L836745		0.60	11.3	1.08	1.05	<0.05	0.10	0.02	0.012	0.06	10.1	3.1	0.09	150	1.20
L836746		0.61	11.8	1.06	0.97	<0.05	0.10	0.02	0.013	0.06	9.7	2.6	0.07	139	1.20
L836747		0.47	10.6	1.56	1.12	<0.05	0.09	0.02	0.014	0.07	7.3	2.9	0.08	210	1.03
L836748		0.43	8.0	0.96	0.86	<0.05	0.08	0.02	0.012	0.06	6.9	2.5	0.07	133	0.83
L836749		0.65	11.9	1.08	0.97	<0.05	0.08	0.33	0.010	0.09	8.2	2.4	0.05	150	1.46
L836750		0.47	7.7	0.89	0.90	<0.05	0.08	0.04	0.011	0.07	7.6	2.8	0.08	151	1.49
L836751		0.39	9.9	0.97	0.81	<0.05	0.09	0.02	0.009	0.06	6.2	2.2	0.08	155	1.94
L836752		0.46	12.8	1.15	1.02	0.05	0.10	0.41	0.011	0.07	8.1	2.6	0.09	187	4.69
L836753		1.44	26.3	2.65	4.05	0.07	0.03	0.03	0.024	0.10	15.0	11.4	0.27	476	2.44
L836754		0.90	52.3	2.32	2.06	0.07	0.07	0.03	0.023	0.08	12.4	6.2	0.14	238	5.83
L836755		0.86	44.1	1.86	1.32	0.06	0.11	0.03	0.019	0.08	9.6	3.1	0.07	158	6.85
L836756		0.33	1.6	0.44	0.23	0.11	<0.02	0.01	0.005	0.03	0.9	1.4	11.95	217	0.33
L836757		1.06	22.2	1.59	0.52	<0.05	0.12	0.02	0.011	0.06	8.8	1.1	0.56	123	2.81
L836758		1.21	24.1	1.93	0.87	<0.05	0.10	0.03	0.020	0.07	9.6	3.8	0.10	122	2.06
L836759		0.43	12.0	0.88	0.35	<0.05	0.05	0.03	0.005	0.03	4.7	0.8	0.08	168	1.88
L836760		0.47	10.3	0.91	0.51	<0.05	0.06	0.02	0.009	0.04	5.5	1.4	0.04	114	1.00
L836761		0.35	10.3	0.78	0.39	<0.05	0.04	0.02	0.010	0.03	4.3	1.1	0.02	136	1.08
L836762		0.65	7.6	0.84	0.37	<0.05	0.05	0.02	0.007	0.03	4.5	0.9	0.04	229	0.96
L836763		0.49	9.2	0.71	0.27	<0.05	0.03	0.04	0.006	0.02	3.4	0.8	0.01	66	1.73



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
L836724		<0.05	8.5	160	7.1	2.1	<0.001	0.08	0.75	0.3	<0.2	<0.2	4.2	<0.01	<0.01	1.5
L836725		0.05	6.4	120	139.5	1.8	<0.001	0.06	1.21	0.3	<0.2	0.6	4.8	<0.01	<0.01	1.4
L836726		<0.05	13.0	250	7710	2.1	<0.001	0.10	29.8	0.4	0.6	3.1	7.4	<0.01	<0.01	1.8
L836727		<0.05	2.6	150	2810	3.0	<0.001	0.06	13.05	0.4	0.4	2.9	8.4	<0.01	<0.01	2.0
L836728		<0.05	8.3	120	355	2.2	<0.001	0.10	2.72	0.3	0.2	1.7	6.3	<0.01	<0.01	1.6
L836729		0.05	11.2	110	52.9	2.1	<0.001	0.24	1.23	0.3	0.2	0.2	4.6	<0.01	<0.01	1.5
L836730		<0.05	5.1	80	244	1.3	0.003	0.18	1.16	0.2	<0.2	0.3	4.1	<0.01	<0.01	1.2
L836731		<0.05	6.1	80	74.5	1.5	0.002	0.20	0.76	0.3	<0.2	0.2	16.4	<0.01	<0.01	1.3
L836732		<0.05	7.4	90	137.0	1.0	0.001	0.17	1.07	0.3	<0.2	0.6	16.6	<0.01	<0.01	1.3
L836733		0.19	14.4	280	59.3	4.5	<0.001	0.03	1.31	1.2	0.3	0.2	8.2	<0.01	0.01	2.7
L836734		0.21	17.9	430	95.3	4.5	<0.001	0.04	1.31	1.5	0.3	0.3	10.0	<0.01	0.01	3.3
L836735		0.19	17.9	450	114.5	4.8	<0.001	0.04	1.45	1.6	0.3	0.2	10.6	<0.01	0.01	3.4
L836736		0.17	12.3	350	87.5	3.5	<0.001	0.04	1.03	1.1	0.2	0.2	6.4	<0.01	0.01	2.9
L836737		0.19	12.6	350	89.5	3.8	<0.001	0.06	1.08	1.2	0.3	0.2	9.8	<0.01	0.01	3.3
L836738		0.05	6.3	240	47.0	5.1	<0.001	0.11	1.82	0.7	0.7	0.2	9.6	<0.01	0.01	3.3
L836739		0.05	5.6	240	17.5	2.3	<0.001	0.06	0.84	0.4	0.2	<0.2	7.4	<0.01	<0.01	2.0
L836740		0.05	5.0	200	26.9	2.3	<0.001	0.07	1.05	0.5	0.2	<0.2	6.0	<0.01	<0.01	1.9
L836741		<0.05	5.7	220	9.6	2.1	<0.001	0.09	0.99	0.4	0.2	<0.2	6.0	<0.01	<0.01	1.8
L836742		0.05	5.2	150	20.5	4.6	<0.001	0.06	1.24	0.5	0.3	<0.2	9.2	<0.01	0.01	3.1
L836743		0.05	7.8	290	29.7	3.5	<0.001	0.12	0.76	0.6	0.3	<0.2	8.7	<0.01	<0.01	2.5
L836744		0.13	12.9	360	124.0	5.3	<0.001	0.09	1.31	1.3	0.3	0.2	9.3	<0.01	0.01	3.3
L836745		0.10	12.1	340	126.0	4.5	<0.001	0.12	1.51	1.2	0.3	0.2	9.1	<0.01	0.01	3.3
L836746		0.10	11.0	300	119.0	4.5	<0.001	0.14	1.44	1.1	0.3	0.2	8.1	<0.01	0.01	3.1
L836747		0.05	10.3	310	114.5	3.5	<0.001	0.12	1.68	1.0	0.2	0.3	10.0	<0.01	0.01	2.5
L836748		<0.05	8.6	250	98.3	3.4	<0.001	0.21	1.25	0.9	0.2	0.2	8.9	<0.01	0.01	2.5
L836749		<0.05	10.2	300	66.7	4.7	0.003	0.22	1.01	0.9	0.3	0.3	11.5	<0.01	0.01	2.9
L836750		<0.05	8.9	250	76.4	3.5	<0.001	0.13	0.99	0.9	0.2	0.2	10.0	<0.01	0.01	2.7
L836751		<0.05	8.3	220	68.0	3.1	0.001	0.27	0.93	0.9	0.2	0.2	10.1	<0.01	<0.01	2.4
L836752		<0.05	11.7	260	96.7	3.6	0.004	0.14	1.19	1.0	0.2	0.2	10.3	<0.01	0.01	2.6
L836753		0.57	29.0	740	32.4	7.3	<0.001	0.03	1.45	2.4	0.7	0.4	13.7	<0.01	0.03	2.1
L836754		0.21	26.4	500	106.5	4.8	<0.001	0.03	2.62	2.2	1.1	0.2	13.9	<0.01	0.04	3.8
L836755		0.11	23.0	340	184.0	4.2	<0.001	0.04	3.14	1.4	1.1	0.2	13.2	<0.01	0.04	3.0
L836756		0.07	2.1	260	3.0	1.7	<0.001	0.03	0.05	0.6	0.2	<0.2	56.3	<0.01	0.01	0.2
L836757		<0.05	15.3	350	161.5	3.4	<0.001	0.03	2.76	0.9	0.6	<0.2	17.0	<0.01	0.01	3.5
L836758		<0.05	21.7	380	292	3.8	<0.001	0.05	2.89	1.0	0.8	<0.2	14.6	<0.01	0.02	4.0
L836759		<0.05	9.9	180	33.2	1.9	<0.001	0.11	1.14	0.5	0.3	<0.2	14.8	<0.01	<0.01	1.8
L836760		<0.05	7.8	230	69.2	2.2	<0.001	0.08	1.22	0.6	0.3	<0.2	15.7	<0.01	<0.01	1.8
L836761		<0.05	8.5	190	59.0	1.6	<0.001	0.07	1.06	0.5	0.2	<0.2	11.1	<0.01	<0.01	1.6
L836762		<0.05	9.8	230	47.1	1.9	<0.001	0.12	1.31	0.6	0.3	<0.2	54.8	<0.01	<0.01	1.5
L836763		<0.05	7.8	150	19.9	1.4	<0.001	0.10	0.94	0.3	0.2	<0.2	5.1	<0.01	<0.01	1.4



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
L836724		<0.005	0.04	0.19	1	45.7	1.19	103	1.7
L836725		<0.005	0.04	0.20	1	28.2	1.03	136	1.8
L836726		<0.005	0.06	1.05	1	11.00	0.69	90	2.0
L836727		<0.005	0.06	0.61	2	4.68	0.63	71	2.1
L836728		<0.005	0.04	0.33	1	26.8	0.90	210	1.7
L836729		<0.005	0.04	0.17	1	50.5	0.89	75	1.8
L836730		<0.005	0.06	0.16	<1	700	0.61	14	2.0
L836731		<0.005	0.05	0.12	1	750	0.97	14	2.3
L836732		<0.005	0.02	0.16	1	82.8	0.96	13	2.4
L836733		0.014	0.05	0.44	11	20.7	2.15	66	1.7
L836734		0.018	0.05	0.68	12	8.44	3.61	120	3.7
L836735		0.016	0.05	0.73	12	11.55	3.97	159	3.9
L836736		0.014	0.05	0.45	9	5.55	2.68	88	2.8
L836737		0.016	0.05	0.46	10	10.45	2.76	77	3.1
L836738		<0.005	0.10	0.30	4	6.80	1.33	57	3.1
L836739		<0.005	0.04	0.25	2	12.15	1.39	95	1.9
L836740		<0.005	0.03	0.18	2	8.70	1.49	57	1.8
L836741		<0.005	0.03	0.16	1	9.98	1.28	95	1.7
L836742		<0.005	0.07	0.22	4	11.15	1.34	57	3.6
L836743		<0.005	0.06	0.30	3	10.75	1.62	90	2.5
L836744		0.011	0.06	0.51	10	11.30	2.83	98	4.2
L836745		0.009	0.06	0.48	9	6.72	2.54	70	3.9
L836746		0.008	0.07	0.49	8	7.85	2.34	85	4.0
L836747		0.006	0.07	0.37	8	6.58	1.96	63	4.0
L836748		0.005	0.06	0.34	7	6.66	1.74	51	3.5
L836749		<0.005	0.11	0.39	7	540	1.89	83	3.2
L836750		0.005	0.07	0.34	7	48.5	1.78	48	3.4
L836751		0.005	0.06	0.33	6	24.0	1.76	47	3.8
L836752		0.005	0.09	0.36	8	690	1.98	62	3.9
L836753		0.031	0.12	1.06	36	11.00	4.68	92	0.7
L836754		0.015	0.08	1.10	18	12.90	4.06	98	5.6
L836755		0.009	0.07	0.83	12	3.62	3.36	77	8.7
L836756		<0.005	<0.02	0.59	2	0.98	1.22	17	<0.5
L836757		<0.005	0.06	0.65	4	7.62	2.42	137	6.8
L836758		<0.005	0.07	0.68	5	6.23	3.45	337	5.1
L836759		<0.005	0.03	0.23	2	16.35	1.97	98	2.2
L836760		<0.005	0.04	0.40	3	9.29	1.76	79	2.9
L836761		<0.005	0.03	0.34	2	11.20	1.42	80	2.3
L836762		<0.005	0.03	0.23	2	5.98	3.16	144	2.2
L836763		<0.005	0.04	0.23	1	35.5	0.97	60	1.6



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
L836764		1.28	0.010	0.69	0.14	50.9	<0.2	<10	40	0.09	0.06	1.95	0.70	8.93	4.6	11
L836765		0.96	0.029	0.95	0.08	32.4	<0.2	<10	20	0.06	0.03	0.98	0.28	8.48	4.5	13
L836766		0.37	<0.005	0.70	0.07	36.4	<0.2	<10	10	<0.05	0.01	0.23	1.41	4.86	3.7	8
L836767		1.29	0.005	0.79	0.10	33.2	<0.2	<10	30	<0.05	0.03	0.12	1.90	7.10	3.4	7
L836768		0.80	<0.005	0.92	0.10	36.8	<0.2	<10	20	<0.05	0.02	0.13	1.40	4.98	3.8	8
L836769		0.96	0.074	0.74	0.08	118.5	<0.2	<10	20	<0.05	0.02	0.24	0.22	5.20	2.8	7
L836770		1.06	0.139	0.58	0.05	87.5	<0.2	<10	10	<0.05	0.02	0.67	0.24	4.80	2.6	9
L836771		0.73	0.010	0.18	0.72	57.1	<0.2	<10	100	0.20	0.10	0.11	0.33	25.3	6.3	17
L836772		1.70	0.009	0.52	0.73	42.6	<0.2	<10	220	0.20	0.17	0.07	0.29	24.1	7.0	19
L836773		1.66	0.009	0.65	0.52	27.3	<0.2	<10	270	0.15	0.16	0.03	0.36	18.20	6.3	15
L836774		0.54	0.007	0.51	0.39	24.7	<0.2	<10	190	0.17	0.14	0.10	0.50	15.15	9.2	12
L836775		0.69	0.010	0.56	0.54	41.5	<0.2	<10	250	0.17	0.19	0.07	0.81	23.2	9.5	15
L836776		0.46	0.015	0.64	0.40	41.8	<0.2	<10	220	0.16	0.14	0.06	1.10	17.65	9.9	13
L836777		0.72	<0.005	0.57	0.33	39.3	<0.2	<10	230	0.13	0.11	0.09	0.89	13.70	5.9	13
L836778		1.04	<0.005	0.43	0.22	31.9	<0.2	<10	120	0.10	0.09	1.18	0.45	11.75	5.3	10
L836779		1.13	0.044	1.19	0.35	64.2	<0.2	<10	150	0.18	0.15	0.31	2.06	22.2	6.5	11
L836780		1.45	<0.005	0.36	0.14	15.9	<0.2	<10	60	0.08	0.06	0.11	0.42	10.70	3.3	12
L836781		1.17	0.011	0.36	0.27	36.9	<0.2	<10	110	0.12	0.06	0.32	0.94	12.20	3.9	13
L836782		1.58	<0.005	0.28	0.19	13.5	<0.2	<10	100	0.09	0.05	0.23	0.35	9.12	2.9	10
L836783		1.19	<0.005	0.22	0.22	10.7	<0.2	<10	130	0.08	0.04	0.31	0.20	10.40	2.2	9
L836784		2.20	0.007	0.25	0.18	14.6	<0.2	<10	100	0.10	0.04	0.55	0.22	9.20	3.3	7
L836785		1.82	0.319	0.41	0.23	193.0	<0.2	<10	110	0.14	0.05	0.35	0.28	12.85	4.0	9
L836786		1.43	0.061	0.19	0.13	138.0	<0.2	<10	80	0.07	0.05	0.18	0.21	8.74	3.2	6
L836787		1.80	0.589	0.69	0.16	426	1.2	<10	90	0.08	0.04	0.21	0.20	9.03	3.3	8
L836788		1.83	0.059	0.22	0.14	91.4	<0.2	<10	80	<0.05	0.04	0.14	0.29	9.74	3.9	7
L836789		1.87	0.017	0.21	0.15	78.0	<0.2	<10	90	0.07	0.04	0.17	0.39	8.31	3.9	7
L836790		1.20	0.024	0.18	0.14	66.1	<0.2	<10	80	0.07	0.03	0.23	0.32	8.56	17.5	7
L836791		0.59	<0.005	0.29	0.74	68.3	<0.2	<10	60	0.16	0.15	0.36	0.23	43.8	1.3	17
L836792		0.60	<0.005	0.01	0.03	<2	<0.2	<10	10	<0.05	0.02	19.50	0.07	1.03	0.7	1
L836793		1.09	0.008	0.24	0.58	48.1	<0.2	<10	50	0.13	0.12	0.09	0.18	32.6	1.6	15
L836794		0.95	<0.005	0.28	0.66	48.8	<0.2	<10	50	0.16	0.14	0.13	0.12	41.2	1.2	18
L836795		1.01	<0.005	0.13	0.45	27.5	<0.2	<10	40	0.11	0.08	0.07	0.15	31.0	1.8	17
L836796		0.55	<0.005	0.10	0.50	21.0	<0.2	<10	40	0.11	0.09	0.06	0.18	31.2	4.9	18
L836797		0.37	<0.005	0.07	0.41	41.4	<0.2	<10	40	0.09	0.04	0.04	0.10	20.1	4.2	18
L836798		0.58	<0.005	0.21	1.14	31.8	<0.2	<10	40	0.39	0.15	0.05	0.14	33.1	3.4	26
L836799		0.97	<0.005	0.06	0.36	8.0	<0.2	<10	20	0.13	0.04	0.08	0.23	18.45	2.4	13
L836800		1.32	0.008	0.12	0.40	31.5	<0.2	<10	60	0.17	0.10	0.08	0.14	30.0	1.4	12
L836801		1.08	<0.005	0.09	0.46	21.3	<0.2	<10	30	0.08	0.05	0.05	0.09	20.7	1.7	15
L836802		0.84	<0.005	0.12	0.82	17.5	<0.2	<10	50	0.26	0.12	0.08	0.51	38.0	3.9	20
L836803		1.94	<0.005	0.11	0.56	14.3	<0.2	<10	30	0.12	0.07	0.06	0.26	21.4	3.2	18



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
L836764		0.72	9.4	1.24	0.40	<0.05	0.09	0.04	0.008	0.05	5.0	0.9	0.08	152	1.91
L836765		0.66	12.8	0.83	0.29	<0.05	0.06	0.04	0.005	0.03	4.6	0.5	0.11	172	2.01
L836766		0.33	6.2	0.80	0.22	<0.05	0.04	0.02	<0.005	0.02	2.6	0.3	0.04	216	1.13
L836767		0.50	6.9	0.78	0.32	<0.05	0.04	0.03	0.005	0.04	3.8	0.6	0.03	168	0.73
L836768		0.83	6.3	0.71	0.27	<0.05	0.05	0.02	0.007	0.02	2.7	0.5	0.03	173	0.79
L836769		0.73	7.3	0.68	0.26	<0.05	0.05	0.02	<0.005	0.03	2.8	0.4	0.04	98	0.75
L836770		0.60	5.3	0.63	0.21	<0.05	0.05	0.02	<0.005	0.02	2.6	0.5	0.03	93	0.94
L836771		0.59	18.8	1.71	2.10	0.05	0.02	0.01	0.013	0.07	12.4	6.6	0.16	351	1.34
L836772		0.90	50.2	3.08	2.34	0.07	0.14	0.03	0.020	0.07	12.9	7.9	0.18	210	3.72
L836773		0.87	58.8	2.66	1.69	0.06	0.35	0.03	0.022	0.09	9.9	3.7	0.06	288	6.57
L836774		0.72	100.0	2.46	1.05	0.05	0.27	0.02	0.029	0.07	8.7	1.7	0.02	388	7.06
L836775		1.09	84.8	3.03	1.69	0.06	0.20	0.03	0.030	0.09	12.6	3.6	0.07	473	8.23
L836776		1.26	60.0	2.62	1.11	0.06	0.27	0.04	0.022	0.07	9.7	2.6	0.04	611	7.83
L836777		0.86	44.1	2.07	0.84	0.05	0.28	0.04	0.015	0.07	7.7	1.8	0.04	232	6.36
L836778		0.92	24.9	1.68	0.61	<0.05	0.19	0.06	0.012	0.06	6.9	1.4	0.06	303	3.58
L836779		2.78	23.2	2.64	0.94	0.06	0.27	0.04	0.022	0.11	13.3	1.8	0.04	164	3.07
L836780		0.87	13.1	1.14	0.44	<0.05	0.10	0.03	0.007	0.05	6.2	0.9	0.02	83	1.81
L836781		0.97	20.7	1.38	0.80	<0.05	0.12	0.02	0.010	0.09	7.0	1.8	0.06	125	1.63
L836782		0.49	36.0	1.09	0.55	<0.05	0.12	0.01	0.010	0.06	5.1	0.9	0.03	116	1.42
L836783		0.44	25.3	0.87	0.61	0.06	0.12	0.02	0.011	0.07	5.4	1.0	0.04	105	1.27
L836784		0.44	33.5	1.04	0.49	0.07	0.12	0.02	0.012	0.06	5.0	0.9	0.04	129	1.50
L836785		0.66	34.7	1.18	0.62	0.08	0.13	0.02	0.012	0.08	6.8	1.1	0.06	197	1.45
L836786		0.29	28.0	0.85	0.39	0.07	0.11	0.02	0.011	0.04	4.5	0.6	0.03	207	1.33
L836787		0.34	31.8	0.92	0.41	0.07	0.12	0.02	0.010	0.05	4.8	0.6	0.03	196	1.41
L836788		0.30	35.5	0.85	0.43	0.07	0.11	0.02	0.010	0.04	5.0	0.6	0.02	223	1.40
L836789		0.32	30.6	0.91	0.43	0.07	0.11	0.02	0.012	0.05	4.5	0.6	0.03	274	1.48
L836790		0.28	32.8	1.04	0.40	0.07	0.11	0.04	0.009	0.04	4.5	0.6	0.03	299	1.96
L836791		3.22	7.1	1.50	2.18	0.11	0.04	0.02	0.015	0.06	22.9	7.7	0.25	61	1.28
L836792		0.33	1.8	0.42	0.11	0.06	<0.02	0.01	<0.005	0.02	0.5	0.9	12.05	211	0.60
L836793		2.65	7.7	1.21	1.72	0.11	0.03	0.03	0.010	0.05	16.9	6.9	0.10	66	1.21
L836794		1.31	5.3	1.39	1.94	0.11	0.05	0.01	0.011	0.06	19.1	6.8	0.14	49	1.18
L836795		1.45	8.3	1.58	1.39	0.09	0.05	0.02	0.010	0.03	14.4	5.6	0.08	234	1.61
L836796		1.81	14.7	1.97	1.35	0.10	0.06	0.02	0.010	0.04	15.3	5.6	0.08	479	1.94
L836797		3.21	12.9	1.46	1.04	0.09	0.08	0.01	0.008	0.04	9.5	4.1	0.05	189	1.49
L836798		9.21	36.4	2.45	2.65	0.10	0.11	0.01	0.026	0.05	15.9	12.0	0.17	75	1.78
L836799		1.26	9.7	1.70	0.83	0.08	0.04	0.01	0.009	0.02	8.5	3.7	0.06	408	0.93
L836800		2.17	9.8	1.22	1.13	0.09	0.10	0.01	0.012	0.08	14.0	3.7	0.06	113	1.28
L836801		1.06	7.7	1.32	1.27	0.10	0.06	0.01	0.010	0.03	10.1	7.3	0.11	67	0.85
L836802		1.43	15.8	1.56	2.14	0.12	0.07	0.02	0.013	0.07	18.5	8.3	0.13	85	1.52
L836803		0.71	12.9	1.29	1.46	0.11	0.06	0.01	0.010	0.04	10.1	6.1	0.10	49	1.15



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
L836764		<0.05	14.1	370	18.7	3.0	<0.001	0.60	1.66	0.7	0.6	<0.2	47.9	<0.01	0.01	2.7
L836765		<0.05	7.8	260	62.1	1.8	<0.001	0.22	0.90	0.4	0.2	<0.2	18.6	<0.01	<0.01	2.3
L836766		<0.05	13.6	190	30.8	1.1	<0.001	0.15	0.99	0.3	0.2	0.2	10.8	<0.01	<0.01	1.1
L836767		<0.05	8.3	170	31.7	2.2	<0.001	0.25	0.79	0.4	0.2	<0.2	8.4	<0.01	<0.01	1.7
L836768		<0.05	7.2	230	69.9	1.5	<0.001	0.12	0.73	0.3	<0.2	<0.2	27.4	<0.01	<0.01	1.2
L836769		<0.05	7.1	140	60.1	1.7	<0.001	0.26	0.61	0.3	0.2	<0.2	7.3	<0.01	<0.01	1.2
L836770		<0.05	4.8	130	52.9	1.1	<0.001	0.24	0.61	0.3	0.2	<0.2	17.8	<0.01	<0.01	1.2
L836771		0.32	20.3	440	13.5	4.5	<0.001	0.02	1.24	1.6	0.5	0.2	10.8	<0.01	0.02	3.1
L836772		0.18	28.1	560	15.0	4.1	<0.001	0.04	2.73	2.1	1.2	0.2	15.4	<0.01	0.06	5.4
L836773		<0.05	33.2	380	11.4	4.6	0.001	0.04	2.78	1.5	1.0	<0.2	16.9	<0.01	0.05	4.8
L836774		<0.05	43.8	840	8.6	3.6	0.001	0.05	2.76	1.8	1.2	<0.2	21.7	<0.01	0.06	5.5
L836775		0.09	45.3	620	13.6	4.8	0.001	0.05	3.56	1.9	1.4	0.2	19.5	<0.01	0.06	5.6
L836776		<0.05	45.8	510	12.0	3.8	0.001	0.08	3.10	1.5	1.7	<0.2	16.7	<0.01	0.05	4.6
L836777		<0.05	29.4	370	7.8	3.6	0.001	0.15	2.25	1.1	1.7	<0.2	13.5	<0.01	0.04	3.4
L836778		<0.05	22.1	360	7.8	3.1	0.001	0.24	2.51	0.9	1.6	<0.2	40.5	<0.01	0.02	3.3
L836779		<0.05	27.6	570	18.0	6.1	0.001	0.21	3.20	1.3	1.9	<0.2	28.5	<0.01	0.03	6.1
L836780		<0.05	11.8	230	5.7	2.5	0.001	0.34	1.67	0.5	0.6	<0.2	9.4	<0.01	0.01	2.9
L836781		<0.05	15.5	270	6.0	4.4	0.001	0.47	1.31	0.8	0.6	<0.2	18.3	<0.01	0.01	2.8
L836782		<0.05	15.0	210	3.8	2.8	<0.001	0.16	1.20	0.8	0.4	<0.2	11.7	<0.01	0.01	2.6
L836783		<0.05	10.8	150	3.3	3.6	<0.001	0.13	1.04	0.8	0.4	<0.2	16.0	<0.01	0.01	1.9
L836784		<0.05	15.0	200	3.8	3.0	<0.001	0.16	1.11	0.7	0.7	<0.2	28.1	<0.01	0.01	2.2
L836785		<0.05	18.3	290	10.8	4.0	<0.001	0.46	1.16	0.8	0.6	<0.2	17.4	<0.01	0.01	2.8
L836786		<0.05	15.1	180	5.0	2.2	<0.001	0.16	0.94	0.6	0.5	<0.2	8.3	<0.01	0.01	1.9
L836787		<0.05	15.3	190	6.2	2.7	0.001	0.21	1.15	0.6	0.5	<0.2	9.7	<0.01	0.02	2.0
L836788		<0.05	17.8	170	4.0	2.4	<0.001	0.10	1.10	0.6	0.5	<0.2	7.7	<0.01	0.02	2.0
L836789		<0.05	17.3	160	5.0	2.5	<0.001	0.13	1.00	0.6	0.4	<0.2	8.5	<0.01	0.02	1.8
L836790		<0.05	19.6	190	4.6	2.3	0.001	0.18	0.91	0.7	0.7	<0.2	8.9	<0.01	0.01	2.1
L836791		<0.05	10.5	650	12.9	3.6	<0.001	<0.01	3.01	1.1	0.4	0.2	7.2	<0.01	0.03	6.0
L836792		<0.05	1.8	200	1.2	1.5	<0.001	<0.01	<0.05	0.2	0.3	<0.2	47.0	<0.01	0.01	<0.2
L836793		<0.05	9.1	420	10.2	3.1	<0.001	<0.01	2.26	1.0	0.3	0.2	5.6	<0.01	0.03	4.4
L836794		<0.05	7.8	570	7.7	3.2	<0.001	<0.01	2.02	1.2	0.5	0.2	6.0	<0.01	0.01	5.5
L836795		<0.05	10.5	480	4.1	2.0	<0.001	<0.01	1.75	1.0	0.3	<0.2	4.2	<0.01	0.01	4.6
L836796		<0.05	15.6	550	5.5	2.1	<0.001	<0.01	1.36	1.2	0.6	<0.2	4.6	<0.01	0.02	4.8
L836797		<0.05	9.8	320	4.0	2.2	0.001	<0.01	1.00	1.2	0.8	<0.2	4.0	<0.01	0.02	2.9
L836798		<0.05	20.8	510	13.1	4.0	0.003	0.26	3.39	2.7	1.2	0.3	5.1	<0.01	0.02	6.6
L836799		<0.05	7.8	380	5.0	1.2	<0.001	0.09	1.17	0.9	0.3	<0.2	3.6	<0.01	0.01	2.6
L836800		<0.05	5.6	440	5.2	3.8	0.002	0.10	1.06	0.9	0.4	<0.2	5.8	<0.01	0.03	6.9
L836801		<0.05	5.9	310	6.6	1.9	0.001	0.08	0.92	1.2	0.8	<0.2	3.2	<0.01	0.02	3.3
L836802		<0.05	16.1	470	13.5	3.8	0.001	0.07	1.42	1.7	0.9	0.2	6.5	<0.01	0.02	6.5
L836803		<0.05	10.6	300	7.4	2.2	0.001	0.25	1.22	1.2	0.9	<0.2	4.0	<0.01	0.02	3.4



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
L836764		<0.005	0.10	0.20	2	19.95	2.03	57	3.7
L836765		<0.005	0.04	0.19	1	38.8	1.41	37	2.6
L836766		<0.005	0.02	0.26	1	10.45	1.49	143	1.5
L836767		<0.005	0.06	0.29	2	10.15	1.16	120	1.6
L836768		<0.005	0.03	0.28	1	17.05	1.44	127	2.2
L836769		<0.005	0.03	0.18	2	19.25	0.84	36	2.3
L836770		<0.005	0.02	0.19	1	19.10	0.91	25	2.6
L836771		0.020	0.08	0.67	19	1.50	3.07	57	0.6
L836772		0.013	0.06	1.05	18	2.96	4.74	90	10.1
L836773		<0.005	0.06	1.20	13	2.76	3.34	93	19.2
L836774		<0.005	0.05	2.03	9	1.96	6.73	110	15.4
L836775		0.006	0.08	1.57	14	3.84	5.67	123	14.3
L836776		<0.005	0.06	1.44	9	3.93	5.90	149	15.8
L836777		<0.005	0.06	1.17	6	4.09	3.41	103	13.5
L836778		<0.005	0.05	0.52	5	4.12	3.33	70	9.6
L836779		<0.005	0.10	0.66	7	2.75	4.66	211	13.1
L836780		<0.005	0.04	0.27	3	6.88	1.71	47	4.3
L836781		<0.005	0.06	0.43	5	5.15	2.09	63	5.4
L836782		<0.005	0.03	0.72	4	3.28	1.89	47	5.7
L836783		<0.005	0.04	0.60	5	3.33	1.96	34	5.1
L836784		<0.005	0.04	0.67	4	2.48	2.42	44	5.1
L836785		<0.005	0.04	0.72	5	2.39	2.58	43	5.4
L836786		<0.005	0.03	0.68	3	3.57	2.12	31	4.4
L836787		<0.005	0.03	0.70	4	3.47	2.14	32	4.4
L836788		<0.005	0.03	0.77	3	5.70	2.39	36	4.5
L836789		<0.005	0.03	0.70	3	3.83	2.43	41	4.5
L836790		<0.005	0.03	0.81	3	84.9	2.62	42	4.4
L836791		<0.005	0.12	0.56	15	0.86	2.87	22	3.2
L836792		<0.005	<0.02	0.53	1	0.25	0.80	12	<0.5
L836793		<0.005	0.10	0.49	12	1.66	2.29	20	2.4
L836794		<0.005	0.08	0.45	15	2.72	2.87	17	2.7
L836795		<0.005	0.07	0.54	10	2.07	3.37	27	2.3
L836796		<0.005	0.07	0.99	9	1.32	4.40	42	2.4
L836797		<0.005	0.06	1.05	8	2.44	2.23	21	3.1
L836798		<0.005	0.09	1.85	24	1.85	3.80	46	5.1
L836799		<0.005	0.03	0.74	6	1.06	3.16	20	1.7
L836800		<0.005	0.06	0.76	7	1.44	3.39	16	3.5
L836801		<0.005	0.03	0.50	9	1.08	2.32	18	2.2
L836802		<0.005	0.06	0.65	13	0.95	4.60	37	2.9
L836803		<0.005	0.05	0.40	10	0.47	2.76	21	2.0



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CERTIFICATE OF ANALYSIS WH11176166

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
L836804		0.37	<0.005	0.06	0.43	7.5	<0.2	<10	20	0.08	0.05	0.06	0.19	19.35	2.6	18
L836805		1.47	<0.005	0.14	0.66	17.6	<0.2	<10	40	0.20	0.14	0.09	0.19	26.2	5.6	20
L836806		0.83	0.059	0.47	1.02	77.5	<0.2	<10	70	0.35	0.17	0.15	0.59	34.8	9.5	24
L836807		0.93	0.017	0.27	1.22	46.8	<0.2	<10	60	0.37	0.22	0.21	0.28	31.3	10.5	24
L836808		0.98	0.011	0.25	0.92	45.0	<0.2	<10	50	0.19	0.10	0.22	0.51	19.40	10.4	24
L836809		0.93	0.017	0.32	0.24	29.4	<0.2	<10	30	0.11	0.07	0.06	0.29	14.45	4.0	12
L836810		1.37	0.008	0.21	0.37	18.3	<0.2	<10	30	0.10	0.09	0.06	0.36	15.10	3.7	14
L836811		1.41	0.005	0.16	0.24	17.3	<0.2	<10	20	0.06	0.06	0.04	0.26	13.15	2.5	10
L836812		0.95	<0.005	0.14	0.14	10.5	<0.2	<10	10	<0.05	0.03	0.21	2.28	11.90	3.2	9
L836813		0.78	0.009	0.21	0.22	58.1	<0.2	<10	40	0.11	0.08	0.07	0.91	12.35	5.1	11
L836814		2.04	0.455	0.40	0.48	704	<0.2	<10	40	0.18	0.08	0.09	0.58	19.05	4.8	14
L836815		1.81	0.084	0.18	0.35	181.0	<0.2	<10	30	0.06	0.08	0.05	0.37	16.95	3.4	12
L836816		2.38	0.017	0.18	0.22	147.0	<0.2	<10	20	0.07	0.10	0.03	0.17	10.95	2.5	12
L836817		1.07	0.014	0.18	0.25	138.5	<0.2	<10	20	<0.05	0.11	0.04	0.17	10.00	2.6	19
L836818		1.25	0.046	0.66	1.02	117.0	<0.2	<10	70	0.36	0.16	0.25	0.69	21.5	10.5	27
L836819		0.39	0.018	0.61	0.99	105.5	<0.2	<10	70	0.31	0.14	0.20	0.69	23.5	9.6	29
L836820		0.98	0.012	0.41	0.72	72.2	<0.2	<10	50	0.29	0.14	0.13	0.34	28.0	4.5	19
L836821		0.80	0.081	0.46	0.76	83.3	<0.2	<10	50	0.29	0.16	0.13	0.37	25.5	4.5	22
L836822		0.39	<0.005	0.05	0.15	13.7	<0.2	<10	10	<0.05	0.02	0.01	0.03	6.25	1.0	10
L836823		0.31	0.012	0.73	0.51	40.4	<0.2	<10	70	0.24	0.17	0.05	0.05	20.1	1.2	12
L836824		0.23	<0.005	0.46	0.75	42.5	<0.2	<10	100	0.23	0.19	0.10	0.13	25.1	1.7	16
L836825		0.48	<0.005	0.37	0.74	52.7	<0.2	<10	50	0.18	0.18	0.17	0.05	12.40	3.3	23
L836826		0.51	<0.005	0.09	0.10	13.0	<0.2	<10	20	<0.05	0.03	0.01	0.02	5.49	1.6	9
L836827		0.42	0.007	0.10	0.08	9.0	<0.2	<10	10	<0.05	0.02	0.01	0.02	4.87	38.1	13
L836828		0.24	0.013	0.13	0.08	20.7	<0.2	<10	10	<0.05	0.02	0.01	0.23	4.47	720	29
L836829		0.75	<0.005	0.01	0.04	<2	<0.2	<10	10	<0.05	0.07	20.6	0.04	1.32	2.3	<1
L836830		1.23	0.029	5.13	0.86	110.0	<0.2	<10	50	0.30	0.15	0.23	0.78	22.5	20.1	26
L836831		1.14	0.019	0.53	0.72	113.5	<0.2	<10	40	0.19	0.10	3.06	0.92	16.80	7.5	21
L836832		1.17	0.009	0.53	0.59	31.6	<0.2	<10	50	0.19	0.17	0.08	0.33	25.7	9.7	17
L836833		1.09	0.005	0.26	0.44	40.1	<0.2	<10	40	0.10	0.11	0.10	0.07	19.30	1.1	15
L836834		0.64	0.006	0.44	0.37	38.4	<0.2	<10	50	0.15	0.18	0.06	0.05	21.2	2.9	10
L836835		0.63	0.008	0.63	0.45	46.4	<0.2	<10	50	0.15	0.22	0.07	0.03	21.3	1.5	12
L836836		0.62	0.010	0.75	0.55	57.1	<0.2	<10	60	0.16	0.21	0.06	0.08	12.35	6.0	15
L836837		0.54	<0.005	0.40	1.24	44.3	<0.2	<10	40	0.14	0.14	0.09	0.04	14.80	5.0	25
L836838		0.80	<0.005	0.10	0.16	20.8	<0.2	<10	30	0.06	0.05	0.02	0.03	8.51	2.7	10
L836839		0.74	0.008	0.28	0.12	45.7	<0.2	<10	10	<0.05	0.03	0.01	0.20	5.90	2.2	12
L836840		0.89	0.007	0.09	0.05	67.4	<0.2	<10	10	<0.05	0.02	0.01	0.03	4.70	3.2	8
L836841		1.31	0.007	0.09	0.07	39.9	<0.2	<10	10	<0.05	0.02	0.01	0.04	4.68	1.4	11
L836842		0.94	0.009	0.10	0.06	53.9	<0.2	<10	10	<0.05	0.02	0.01	0.03	7.21	2.6	9
L836843		1.18	0.023	0.26	0.10	141.0	<0.2	<10	10	0.09	0.04	0.02	0.07	7.10	2.4	9



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CERTIFICATE OF ANALYSIS WH11176166

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
L836804		0.49	8.6	0.85	1.18	0.10	0.05	0.01	0.009	0.03	9.3	5.8	0.08	37	0.79	<0.01
L836805		2.26	11.8	1.36	1.76	0.09	0.07	0.01	0.012	0.05	12.6	7.6	0.12	69	1.28	<0.01
L836806		4.36	22.3	2.05	2.64	0.11	0.11	0.02	0.027	0.09	17.4	12.5	0.19	108	1.38	0.01
L836807		3.39	20.4	2.43	2.98	0.13	0.12	0.01	0.023	0.08	15.9	12.9	0.21	152	1.09	0.01
L836808		1.44	23.2	2.77	2.41	0.10	0.10	0.04	0.015	0.06	10.0	18.5	0.30	271	1.32	0.01
L836809		1.03	9.1	0.97	0.62	0.08	0.05	0.03	0.007	0.04	6.9	3.0	0.03	41	1.59	<0.01
L836810		0.90	11.1	1.00	1.02	0.09	0.06	0.02	0.009	0.04	7.1	4.6	0.06	44	1.33	<0.01
L836811		0.59	7.5	0.68	0.69	0.08	0.04	0.01	0.006	0.03	6.1	2.8	0.04	34	0.84	<0.01
L836812		0.54	5.3	1.28	0.40	0.08	0.03	0.01	0.007	0.02	5.3	2.1	0.09	232	0.98	<0.01
L836813		1.20	11.3	1.27	0.61	0.08	0.06	0.03	0.012	0.05	6.0	3.1	0.02	96	1.80	0.01
L836814		1.24	12.0	1.41	1.26	0.09	0.06	0.01	0.011	0.06	9.2	5.4	0.06	79	1.07	0.01
L836815		0.87	9.0	0.91	1.00	0.08	0.05	0.01	0.007	0.04	7.9	3.5	0.05	40	0.79	<0.01
L836816		0.55	9.6	0.74	0.59	0.07	0.05	0.02	0.007	0.03	5.4	2.1	0.03	30	0.88	<0.01
L836817		0.54	13.0	1.37	0.64	0.09	0.05	0.04	0.007	0.03	4.8	2.3	0.03	33	1.42	<0.01
L836818		1.43	38.9	2.50	2.48	0.09	0.05	0.04	0.027	0.07	10.4	11.2	0.23	209	1.55	0.01
L836819		1.28	39.4	2.28	2.90	0.06	0.02	0.02	0.023	0.08	12.1	15.6	0.25	211	1.83	0.03
L836820		1.17	17.7	1.82	2.30	0.05	<0.02	0.02	0.015	0.05	14.8	17.4	0.18	115	1.82	0.03
L836821		1.44	25.0	2.03	2.25	0.06	<0.02	0.03	0.016	0.05	13.5	15.7	0.17	116	3.18	0.03
L836822		0.11	10.2	0.68	0.50	<0.05	0.02	0.02	0.005	0.01	3.1	4.2	0.07	43	2.12	0.02
L836823		1.81	10.1	1.25	1.73	0.05	0.08	0.03	0.010	0.08	11.0	10.6	0.06	61	2.93	0.04
L836824		2.33	12.7	1.43	2.95	0.06	0.08	0.02	0.027	0.11	12.9	11.2	0.07	101	3.56	0.05
L836825		2.47	13.6	1.62	2.52	0.06	0.05	0.01	0.062	0.05	6.1	14.8	0.16	60	2.27	0.03
L836826		0.29	5.8	0.49	0.37	<0.05	<0.02	0.03	0.006	0.02	2.6	1.6	0.01	28	1.59	0.02
L836827		0.19	5.8	0.50	0.30	<0.05	<0.02	0.39	0.006	0.01	2.3	1.4	0.01	35	2.41	0.02
L836828		0.19	11.0	1.01	0.38	<0.05	0.02	0.35	0.037	0.01	2.1	1.4	0.01	83	7.20	0.02
L836829		0.14	5.4	0.40	0.10	<0.05	<0.02	0.04	0.005	0.02	0.7	0.8	12.80	187	0.08	0.03
L836830		1.10	34.4	2.23	2.46	0.06	0.03	0.24	0.022	0.06	11.7	12.7	0.22	219	2.13	0.03
L836831		0.75	27.5	1.67	1.80	0.05	0.03	0.04	0.016	0.05	8.7	10.1	1.89	206	1.56	0.03
L836832		1.09	11.0	1.51	1.83	0.05	0.02	0.16	0.011	0.06	13.8	14.5	0.15	126	2.80	0.03
L836833		0.65	23.1	0.90	1.31	0.06	0.07	0.01	0.006	0.05	10.5	8.9	0.10	43	2.89	<0.01
L836834		0.94	13.0	0.72	1.14	<0.05	0.07	0.06	0.006	0.06	12.0	10.4	0.07	36	2.18	<0.01
L836835		1.36	11.0	0.96	1.36	0.06	0.11	0.04	0.009	0.06	11.1	8.6	0.08	43	4.30	<0.01
L836836		1.71	12.1	1.83	1.93	0.07	0.15	0.10	0.018	0.06	6.8	13.0	0.12	53	6.72	<0.01
L836837		1.51	14.9	2.72	3.68	0.10	0.07	0.01	0.020	0.03	7.8	41.7	0.53	96	1.84	<0.01
L836838		0.38	7.8	0.69	0.44	<0.05	0.03	0.04	0.010	0.02	4.1	3.1	0.02	30	1.67	<0.01
L836839		0.20	10.7	1.60	0.44	<0.05	0.03	0.06	0.075	0.02	2.9	3.2	0.03	51	2.06	<0.01
L836840		0.12	7.1	0.70	0.17	<0.05	0.03	0.08	0.052	0.01	2.2	0.9	<0.01	34	1.46	<0.01
L836841		0.15	9.1	0.68	0.21	<0.05	0.02	0.03	0.025	0.02	2.2	1.1	0.01	33	1.83	<0.01
L836842		0.13	5.1	0.55	0.22	<0.05	0.03	0.05	0.086	0.01	3.6	1.9	<0.01	25	1.09	<0.01
L836843		0.23	8.1	1.35	0.38	<0.05	0.03	0.03	0.119	0.02	3.5	3.9	0.01	61	1.04	<0.01



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
L836804		<0.05	8.8	250	4.2	1.8	0.001	0.11	0.64	0.9	0.5	<0.2	3.4	<0.01	<0.01	2.9
L836805		<0.05	18.3	420	10.5	3.1	0.001	0.21	1.24	1.3	0.7	<0.2	5.0	<0.01	0.01	5.1
L836806		<0.05	38.0	610	55.6	5.5	0.003	0.39	2.56	1.9	1.6	0.2	9.0	<0.01	0.06	7.3
L836807		<0.05	36.6	890	21.1	4.5	0.003	0.38	2.72	2.1	1.2	0.2	10.0	<0.01	0.04	7.9
L836808		<0.05	36.9	440	25.0	3.6	0.003	0.78	3.28	2.0	1.2	<0.2	8.2	<0.01	0.03	4.6
L836809		<0.05	12.5	220	19.1	2.4	0.001	0.58	2.93	0.5	0.5	<0.2	3.7	<0.01	0.02	3.1
L836810		<0.05	13.1	240	8.4	2.3	0.001	0.36	1.77	0.8	0.7	<0.2	3.9	<0.01	0.02	3.0
L836811		<0.05	7.6	160	6.2	1.8	<0.001	0.19	1.00	0.5	0.6	<0.2	2.6	<0.01	0.02	2.2
L836812		<0.05	8.6	250	9.1	1.6	<0.001	0.11	1.80	0.5	0.7	<0.2	2.5	<0.01	0.02	1.7
L836813		<0.05	19.1	250	9.8	3.3	0.001	0.75	2.50	0.5	1.4	<0.2	5.0	<0.01	0.01	3.4
L836814		<0.05	15.1	380	14.8	3.3	0.002	0.60	4.70	0.9	0.7	<0.2	7.4	<0.01	0.02	3.5
L836815		<0.05	10.2	210	8.3	2.5	0.001	0.34	3.06	0.7	0.6	<0.2	4.9	<0.01	0.01	2.6
L836816		<0.05	7.6	170	7.6	1.8	<0.001	0.38	2.91	0.4	0.5	<0.2	6.1	<0.01	0.01	2.0
L836817		<0.05	8.6	160	7.5	1.8	0.001	1.00	11.75	0.4	0.5	<0.2	5.3	<0.01	0.01	1.8
L836818		0.13	28.0	710	49.8	4.5	<0.001	0.13	6.58	2.3	1.0	0.2	19.5	<0.01	0.02	4.6
L836819		0.13	25.9	620	42.7	5.3	<0.001	0.04	4.68	2.9	0.6	0.3	19.0	<0.01	0.03	4.9
L836820		0.10	17.4	570	22.3	4.0	<0.001	0.03	3.02	1.8	0.7	0.2	13.7	<0.01	0.03	3.6
L836821		0.09	17.4	600	28.0	4.0	0.001	0.05	3.60	1.8	0.9	0.2	12.4	<0.01	0.04	3.9
L836822		<0.05	3.4	90	2.4	0.5	0.001	0.01	0.48	0.5	0.2	<0.2	1.4	<0.01	<0.01	1.1
L836823		<0.05	6.8	340	15.7	5.4	0.005	0.18	5.41	1.3	2.3	0.2	13.3	<0.01	0.03	4.9
L836824		0.05	7.3	420	17.1	6.5	0.003	0.08	3.58	2.3	1.7	0.3	18.2	<0.01	0.04	8.5
L836825		<0.05	15.5	1170	29.1	3.7	0.009	0.40	2.80	2.2	2.0	0.2	12.5	<0.01	0.03	6.0
L836826		<0.05	3.6	80	4.6	1.1	0.001	0.13	0.79	0.4	0.2	<0.2	3.3	<0.01	<0.01	1.1
L836827		<0.05	3.7	40	3.3	0.9	0.004	0.12	0.63	0.3	0.2	<0.2	2.1	<0.01	<0.01	0.9
L836828		<0.05	32.5	60	4.3	0.8	0.004	0.18	0.69	0.4	0.2	0.3	2.6	<0.01	<0.01	0.9
L836829		0.10	3.0	300	1.2	0.7	0.001	0.09	<0.05	0.4	0.2	<0.2	42.3	<0.01	0.01	<0.2
L836830		0.13	26.1	630	82.5	4.2	0.002	0.02	6.22	2.7	0.8	0.2	17.5	<0.01	0.03	4.7
L836831		0.12	19.9	520	34.0	3.3	0.001	0.02	3.88	2.4	0.5	0.2	18.5	<0.01	0.02	3.9
L836832		0.05	15.2	320	18.3	3.9	0.002	0.02	3.74	1.6	0.8	0.2	9.2	<0.01	0.03	3.0
L836833		<0.05	8.0	430	8.0	2.8	<0.001	0.01	1.90	1.4	0.6	<0.2	5.9	<0.01	0.02	4.7
L836834		<0.05	6.7	400	13.8	3.5	<0.001	0.01	2.41	1.1	0.5	<0.2	9.4	<0.01	0.02	5.0
L836835		<0.05	7.8	750	12.3	3.5	0.006	0.05	3.75	1.5	1.8	0.2	8.0	<0.01	0.05	9.5
L836836		<0.05	13.9	650	19.6	4.0	0.014	0.54	4.45	2.1	3.7	0.2	8.0	<0.01	0.04	11.5
L836837		<0.05	19.7	700	16.8	2.2	0.003	0.42	2.39	5.3	1.6	0.2	10.2	<0.01	0.03	6.6
L836838		<0.05	5.0	170	5.8	1.4	<0.001	0.11	0.91	0.8	0.4	<0.2	4.8	<0.01	<0.01	2.2
L836839		<0.05	5.0	160	14.7	1.1	<0.001	1.03	2.10	0.9	0.3	<0.2	4.0	<0.01	0.01	1.7
L836840		<0.05	2.1	110	3.9	0.8	<0.001	0.02	1.39	0.5	<0.2	<0.2	2.7	<0.01	<0.01	1.2
L836841		<0.05	3.3	100	4.4	1.2	<0.001	0.12	1.20	0.5	<0.2	<0.2	2.7	<0.01	<0.01	1.1
L836842		<0.05	1.9	100	6.8	0.8	<0.001	0.02	1.12	0.5	0.2	<0.2	2.5	<0.01	<0.01	1.7
L836843		<0.05	5.2	270	25.4	1.2	<0.001	0.08	2.94	0.8	0.4	<0.2	7.6	<0.01	<0.01	2.3



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
L836804		<0.005	0.03	0.31	8	0.61	2.20	13	1.8
L836805		<0.005	0.04	0.52	11	0.90	3.13	39	2.8
L836806		<0.005	0.07	0.72	18	0.68	4.27	104	5.0
L836807		<0.005	0.07	0.82	19	0.61	4.42	88	4.9
L836808		<0.005	0.21	0.57	19	1.95	3.88	122	4.0
L836809		<0.005	0.17	0.35	4	10.05	1.86	25	2.1
L836810		<0.005	0.07	0.32	7	1.76	1.87	23	2.0
L836811		<0.005	0.04	0.22	4	3.68	1.49	15	1.6
L836812		<0.005	0.07	0.27	3	2.90	2.29	110	1.4
L836813		<0.005	0.11	0.32	4	6.51	1.68	66	2.3
L836814		<0.005	0.11	0.40	8	1.52	2.65	35	2.4
L836815		<0.005	0.07	0.32	6	1.78	1.91	19	2.0
L836816		<0.005	0.13	0.26	4	1.14	1.62	11	1.7
L836817		<0.005	0.24	0.23	4	0.47	1.46	13	1.7
L836818		0.010	0.11	0.89	22	1.20	4.48	99	1.7
L836819		0.012	0.07	0.76	21	0.83	4.29	92	0.9
L836820		0.006	0.08	0.62	15	1.41	3.15	59	<0.5
L836821		<0.005	0.10	0.65	16	2.68	3.08	64	0.5
L836822		<0.005	<0.02	0.10	3	7.85	0.49	7	1.1
L836823		<0.005	0.12	0.50	10	2.61	1.93	16	4.7
L836824		<0.005	0.12	0.59	13	2.82	2.72	25	4.6
L836825		<0.005	0.10	1.34	13	2.57	2.57	27	2.7
L836826		<0.005	0.03	0.13	2	12.65	0.53	5	0.9
L836827		<0.005	0.05	0.10	1	250	0.48	4	0.9
L836828		<0.005	0.05	0.13	2	380	0.50	28	0.9
L836829		<0.005	<0.02	0.74	2	14.90	0.89	11	<0.5
L836830		0.009	0.07	0.72	19	113.0	4.00	101	1.2
L836831		0.015	0.05	0.61	16	7.64	3.28	95	2.0
L836832		<0.005	0.09	0.57	12	77.7	2.53	47	1.6
L836833		<0.005	0.05	0.43	9	4.55	1.67	15	4.1
L836834		<0.005	0.07	0.40	7	25.4	1.66	10	3.9
L836835		<0.005	0.07	0.60	9	5.23	2.28	11	6.2
L836836		<0.005	0.08	0.96	10	38.3	2.18	29	7.7
L836837		<0.005	0.05	0.81	38	2.19	2.07	53	3.2
L836838		<0.005	0.04	0.20	3	21.1	0.74	9	1.4
L836839		<0.005	0.05	0.22	3	13.65	0.66	39	1.4
L836840		<0.005	0.03	0.17	1	30.9	0.48	15	1.3
L836841		<0.005	0.03	0.10	1	10.50	0.43	7	1.1
L836842		<0.005	0.02	0.18	1	17.20	0.53	13	1.3
L836843		<0.005	0.04	0.48	2	4.49	1.13	89	1.7



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
L836844		1.20	0.007	0.33	0.55	60.1	<0.2	<10	50	0.19	0.15	0.06	0.09	14.65	6.2	17
L836845		1.29	0.006	0.67	1.01	73.3	<0.2	<10	70	0.22	0.32	0.14	0.75	14.40	14.2	19
L836846		1.48	0.010	0.43	1.17	68.4	<0.2	<10	80	0.21	0.32	0.22	0.68	16.55	13.9	21
L836847		1.57	0.009	0.08	0.34	16.3	<0.2	<10	10	0.10	0.04	0.07	0.09	9.01	3.5	20
L836848		1.19	0.022	0.08	0.23	84.9	<0.2	<10	<10	0.08	0.01	0.01	0.12	5.61	6.3	16
L836849		1.05	0.012	0.19	0.32	54.1	<0.2	<10	20	0.15	0.08	0.05	0.08	7.37	3.6	12
L836850		0.96	<0.005	0.07	0.29	21.2	<0.2	<10	10	0.14	0.03	0.10	0.22	6.84	6.6	13
L836851		1.51	<0.005	0.33	1.07	14.3	<0.2	<10	70	0.23	0.19	0.19	0.77	17.50	8.0	25
L836852		0.83	0.005	0.43	0.99	13.5	<0.2	<10	70	0.26	0.20	0.14	0.57	15.05	8.5	23
L836853		0.69	<0.005	0.11	0.46	42.0	<0.2	<10	30	0.15	0.08	0.07	0.52	6.81	5.9	15
L836854		0.87	<0.005	0.11	0.36	45.7	<0.2	<10	40	0.09	0.06	0.05	0.62	7.18	5.8	14
L836855		1.23	0.008	0.23	0.64	36.0	<0.2	<10	50	0.14	0.10	0.09	0.29	9.75	11.6	20
L836856		1.47	<0.005	0.53	0.96	19.8	<0.2	<10	110	0.26	0.28	0.16	0.26	9.09	15.8	18
L836857		0.92	<0.005	0.31	0.93	53.5	<0.2	<10	70	0.30	0.17	0.11	0.13	7.06	11.2	22
L836858		1.07	<0.005	0.31	0.83	30.3	<0.2	<10	80	0.26	0.31	0.16	0.29	10.55	9.3	19
L836859		0.97	<0.005	0.22	0.58	21.9	<0.2	<10	60	0.19	0.17	0.12	0.17	9.70	7.0	21
L836860		1.42	<0.005	0.23	0.49	70.3	<0.2	<10	50	0.13	0.15	0.09	0.12	7.95	6.7	17
L836861		0.99	<0.005	0.23	0.82	31.4	<0.2	<10	70	0.21	0.14	0.11	0.44	13.75	8.0	23
L836862		1.74	<0.005	0.34	1.51	22.0	<0.2	<10	120	0.35	0.28	0.20	0.46	20.8	10.9	30
L836863		1.56	<0.005	0.26	1.63	23.8	<0.2	<10	120	0.39	0.28	0.21	0.77	20.9	11.8	29
L836864		1.33	0.006	0.27	1.28	25.0	<0.2	<10	90	0.27	0.26	0.13	1.80	15.85	11.7	26
L836865		1.38	<0.005	0.19	1.23	26.6	<0.2	<10	80	0.31	0.16	0.17	0.53	16.65	10.5	26
L836866		1.02	<0.005	0.16	0.54	22.0	<0.2	<10	50	0.13	0.12	0.08	0.26	13.10	6.0	18
L836867		0.93	<0.005	0.23	0.99	39.3	<0.2	<10	90	0.26	0.22	0.13	0.28	13.25	9.3	25
L836868		1.67	0.006	0.49	1.55	55.6	<0.2	<10	140	0.41	0.39	1.25	0.34	14.00	12.9	29
L836869		1.07	<0.005	0.01	0.04	4	<0.2	<10	10	<0.05	0.02	20.5	0.06	1.46	1.0	1
L836870		0.79	<0.005	0.30	1.03	29.9	<0.2	<10	80	0.26	0.22	0.13	0.27	14.25	6.9	24
L836871		0.26	<0.005	0.24	0.73	20.6	<0.2	<10	70	0.24	0.15	0.28	0.17	25.9	3.2	16
L836872		0.74	0.009	0.61	1.15	24.2	<0.2	<10	100	0.23	0.30	0.12	0.14	38.8	6.0	20
L836873		1.17	0.005	0.50	0.79	28.5	<0.2	<10	90	0.19	0.36	0.11	0.06	38.8	0.9	16
L836874		0.62	0.018	0.61	0.56	117.0	<0.2	<10	80	0.19	0.30	0.07	0.06	28.4	1.7	17
L836875		0.90	<0.005	0.28	0.43	21.7	<0.2	<10	40	0.11	0.09	0.04	0.03	15.15	0.9	13
L836876		0.63	0.005	0.15	0.11	14.3	<0.2	<10	20	<0.05	0.03	0.01	0.02	6.43	1.1	11
L836877		0.46	<0.005	0.09	0.08	18.2	<0.2	<10	10	<0.05	0.03	0.01	0.02	6.24	0.6	9
L836878		0.38	<0.005	0.11	0.07	18.1	<0.2	<10	10	<0.05	0.02	0.01	0.02	6.98	1.0	9
L836879		0.59	0.019	0.39	0.67	103.5	<0.2	<10	40	0.17	0.14	0.10	0.14	15.95	5.2	20
L836880		0.89	0.010	0.46	0.65	70.8	<0.2	<10	60	0.16	0.20	0.10	0.18	15.00	7.5	17
L836881		0.82	<0.005	0.13	0.34	41.1	<0.2	<10	30	0.07	0.06	0.05	0.07	9.85	2.9	16
L836882		0.85	0.013	0.10	0.16	21.1	<0.2	<10	10	0.07	0.03	0.02	0.12	6.46	3.7	14
L836883		1.10	0.007	0.13	0.20	18.5	<0.2	<10	20	0.08	0.06	0.04	0.11	7.38	2.9	14



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Sample Description	Method Analyte Units LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
L836844		1.47	12.3	1.68	1.56	0.06	0.08	0.06	0.037	0.06	7.9	13.5	0.11	50	1.96	0.01
L836845		2.99	41.1	2.73	2.60	0.08	0.19	0.03	0.044	0.09	8.1	28.4	0.30	80	2.71	0.01
L836846		3.00	28.2	3.00	2.90	0.10	0.15	0.03	0.037	0.08	8.9	36.8	0.29	87	2.44	0.02
L836847		0.41	8.7	0.97	1.02	0.05	0.04	0.03	0.009	0.01	4.8	16.4	0.07	43	3.02	<0.01
L836848		0.10	10.8	1.57	0.55	0.05	0.03	0.04	0.006	<0.01	2.9	5.2	0.12	131	2.00	<0.01
L836849		0.49	14.7	1.33	0.76	<0.05	0.04	0.03	0.013	0.02	3.9	10.7	0.07	56	3.54	<0.01
L836850		0.17	17.1	1.76	0.41	<0.05	0.03	0.04	<0.005	0.01	3.3	6.4	0.05	263	2.23	<0.01
L836851		1.40	21.6	1.59	2.69	0.07	0.10	0.02	0.023	0.05	9.3	28.4	0.25	71	2.00	<0.01
L836852		1.33	38.0	1.83	2.53	0.08	0.13	0.03	0.019	0.05	7.8	28.7	0.25	66	2.76	<0.01
L836853		1.85	10.3	1.06	1.10	<0.05	0.07	0.01	0.007	0.03	3.0	10.9	0.09	41	1.55	<0.01
L836854		0.57	10.7	0.92	1.06	0.05	0.05	0.03	0.013	0.03	3.1	5.3	0.07	33	1.52	<0.01
L836855		0.76	15.2	1.56	1.72	0.05	0.07	0.06	0.012	0.03	4.1	14.0	0.20	66	1.90	<0.01
L836856		1.56	43.6	2.72	2.45	0.06	0.18	0.08	0.017	0.07	3.6	17.8	0.23	63	3.40	0.02
L836857		2.72	24.5	2.70	2.49	0.06	0.12	0.07	0.013	0.04	2.7	20.5	0.30	60	2.81	0.01
L836858		1.46	16.0	1.56	2.35	0.07	0.09	0.03	0.021	0.05	3.8	3.9	0.09	69	1.86	0.01
L836859		1.20	12.1	1.35	1.68	0.05	0.07	0.02	0.014	0.04	3.6	4.4	0.07	54	2.30	<0.01
L836860		0.72	17.1	1.61	1.39	0.05	0.06	0.03	0.009	0.03	3.1	4.8	0.08	56	1.75	<0.01
L836861		0.96	15.4	1.67	2.25	0.06	0.09	0.03	0.027	0.04	5.6	5.9	0.11	91	1.96	<0.01
L836862		1.41	20.5	1.82	4.03	0.08	0.13	0.03	0.032	0.06	8.4	4.8	0.14	103	2.21	0.01
L836863		1.86	18.3	1.75	4.29	0.08	0.11	0.02	0.029	0.07	8.5	3.2	0.12	100	2.00	0.01
L836864		1.38	17.5	1.91	3.35	0.07	0.12	0.03	0.019	0.05	6.7	6.5	0.13	87	2.73	0.01
L836865		1.43	16.1	1.45	3.21	0.07	0.09	0.02	0.023	0.05	6.8	3.5	0.09	75	1.91	0.01
L836866		0.65	10.9	1.11	1.55	0.06	0.07	0.03	0.011	0.03	5.4	5.9	0.08	52	1.54	<0.01
L836867		1.10	18.1	1.63	2.76	0.06	0.10	0.02	0.017	0.05	5.4	3.6	0.09	74	2.48	<0.01
L836868		1.99	26.4	2.68	3.93	0.08	0.14	0.03	0.027	0.09	5.7	15.7	0.81	124	3.43	0.02
L836869		0.15	1.9	0.45	0.14	<0.05	<0.02	0.01	<0.005	0.02	0.6	1.0	13.20	203	0.06	<0.01
L836870		1.14	16.7	1.83	2.71	0.06	0.09	0.02	0.016	0.05	6.0	12.3	0.20	91	2.28	0.01
L836871		0.87	9.7	1.78	2.18	0.07	<0.02	0.02	0.013	0.07	11.7	14.9	0.24	169	1.93	0.01
L836872		1.21	23.5	2.64	3.34	0.08	0.11	0.03	0.020	0.08	18.4	31.5	0.38	168	3.42	0.01
L836873		2.34	8.9	1.60	2.43	0.07	0.08	0.03	0.015	0.07	17.8	10.7	0.11	61	2.20	0.01
L836874		2.11	19.4	4.16	2.03	0.09	0.06	0.05	0.018	0.08	13.3	8.2	0.09	55	3.50	0.01
L836875		0.97	11.9	1.03	1.24	<0.05	0.04	0.02	0.007	0.04	6.8	8.7	0.10	46	1.74	<0.01
L836876		0.28	7.6	0.71	0.41	<0.05	0.03	0.03	0.009	0.02	2.8	2.6	0.01	29	1.64	<0.01
L836877		0.16	6.7	0.53	0.31	<0.05	0.03	0.03	0.031	0.02	2.6	1.3	0.01	26	1.54	<0.01
L836878		0.16	7.4	0.50	0.30	<0.05	0.03	0.04	0.025	0.02	3.0	1.3	0.01	31	1.62	<0.01
L836879		1.15	16.8	1.90	2.05	0.08	0.10	0.03	0.037	0.05	7.3	10.7	0.11	75	3.28	<0.01
L836880		1.45	27.5	1.87	1.81	0.06	0.13	0.03	0.020	0.07	7.2	11.7	0.10	59	2.69	0.01
L836881		0.56	10.6	1.25	1.13	<0.05	0.06	0.03	0.011	0.03	4.5	10.3	0.07	31	2.09	<0.01
L836882		0.14	6.1	1.04	0.43	<0.05	0.03	0.03	0.005	0.01	2.9	3.7	0.05	144	2.12	<0.01
L836883		0.56	8.8	0.84	0.59	<0.05	0.05	0.04	0.008	0.02	3.4	6.4	0.03	42	2.35	<0.01



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
L836844		<0.05	20.1	420	12.4	4.2	0.002	0.71	1.78	1.4	1.2	<0.2	13.6	<0.01	0.02	5.3
L836845		<0.05	63.6	630	22.7	5.7	0.006	1.60	2.34	2.0	3.1	0.2	10.2	<0.01	0.06	8.6
L836846		0.05	50.1	970	12.5	5.2	0.004	1.89	2.18	2.1	2.5	0.2	12.7	<0.01	0.06	9.4
L836847		<0.05	10.7	150	2.7	1.0	<0.001	0.32	0.52	1.2	0.4	<0.2	4.9	<0.01	0.01	2.5
L836848		<0.05	15.9	220	2.5	0.2	<0.001	0.12	2.76	0.9	0.3	<0.2	1.0	<0.01	<0.01	1.2
L836849		<0.05	13.0	310	5.9	1.3	0.002	0.41	2.47	1.2	0.7	<0.2	4.2	<0.01	0.01	2.6
L836850		<0.05	20.8	490	2.7	0.7	<0.001	0.47	0.95	0.9	0.3	<0.2	4.7	<0.01	<0.01	1.6
L836851		<0.05	37.9	700	12.9	3.5	0.002	0.61	1.35	2.4	1.1	0.2	11.2	<0.01	0.03	7.1
L836852		<0.05	37.2	600	11.4	3.5	0.003	0.68	1.57	2.2	1.4	0.2	9.5	<0.01	0.04	6.6
L836853		<0.05	24.9	420	5.6	2.3	0.001	0.58	1.89	1.2	0.5	<0.2	4.2	<0.01	0.01	3.6
L836854		<0.05	21.4	360	4.4	1.8	<0.001	0.53	2.68	1.2	0.7	<0.2	3.7	<0.01	0.01	3.2
L836855		<0.05	24.7	420	7.3	2.2	0.001	0.88	1.92	1.4	1.2	<0.2	7.1	<0.01	0.02	4.0
L836856		<0.05	50.5	680	12.3	4.9	0.006	2.05	1.73	1.6	2.8	0.2	9.9	<0.01	0.07	8.9
L836857		<0.05	35.5	480	9.4	3.7	0.003	1.80	1.96	1.8	2.1	0.2	6.5	<0.01	0.05	5.7
L836858		<0.05	29.5	680	13.2	3.3	0.001	0.79	1.62	1.8	1.5	0.2	6.8	<0.01	0.05	6.7
L836859		<0.05	24.4	520	10.7	2.6	0.001	0.69	1.05	1.5	1.3	0.2	4.7	<0.01	0.03	4.9
L836860		<0.05	20.0	400	9.6	1.9	0.001	1.03	3.19	1.2	1.7	<0.2	4.5	<0.01	0.03	3.2
L836861		<0.05	23.8	480	22.0	2.8	0.001	0.65	2.06	2.0	1.4	0.2	6.2	<0.01	0.03	4.6
L836862		<0.05	34.2	870	21.3	4.1	0.001	0.38	2.99	3.2	1.4	0.4	10.5	<0.01	0.04	8.3
L836863		<0.05	36.4	970	17.2	4.4	0.001	0.32	3.45	3.2	1.3	0.4	14.0	<0.01	0.04	10.2
L836864		<0.05	34.4	640	13.6	3.7	0.003	0.83	2.65	2.6	1.5	0.3	9.8	<0.01	0.04	7.3
L836865		<0.05	30.6	760	10.1	3.4	0.001	0.29	2.67	2.6	0.9	0.3	10.2	<0.01	0.03	8.2
L836866		<0.05	15.1	320	6.9	1.9	<0.001	0.50	1.48	1.3	0.9	<0.2	5.2	<0.01	0.02	3.6
L836867		<0.05	32.2	530	10.2	3.4	0.002	0.67	2.44	2.1	1.3	0.2	7.4	<0.01	0.04	6.5
L836868		0.05	39.5	620	25.9	6.3	0.004	1.41	2.53	2.8	2.5	0.3	16.9	<0.01	0.07	7.3
L836869		0.12	2.5	270	1.3	1.2	<0.001	0.02	<0.05	0.3	0.2	<0.2	52.8	<0.01	<0.01	<0.2
L836870		<0.05	26.7	430	15.9	3.4	0.002	0.66	1.76	2.0	1.2	0.2	8.3	<0.01	0.05	5.2
L836871		0.10	15.2	330	10.3	5.0	<0.001	0.08	1.90	1.3	0.7	0.2	10.6	<0.01	0.03	2.2
L836872		0.05	16.2	450	30.3	5.3	<0.001	0.04	2.91	3.0	1.3	0.2	9.6	<0.01	0.07	4.5
L836873		<0.05	6.0	410	24.4	4.8	<0.001	0.04	3.55	1.5	1.3	0.2	11.7	<0.01	0.05	8.3
L836874		0.05	6.2	1300	27.4	6.0	0.001	0.07	4.77	1.4	1.6	0.2	12.2	<0.01	0.06	8.1
L836875		<0.05	4.7	180	10.5	2.9	<0.001	0.09	1.81	1.1	0.4	<0.2	6.6	<0.01	0.01	3.6
L836876		<0.05	2.3	50	5.8	1.4	<0.001	0.12	0.83	0.4	0.4	<0.2	2.0	<0.01	<0.01	1.1
L836877		<0.05	2.1	40	4.0	1.2	<0.001	0.03	0.89	0.3	0.2	<0.2	1.7	<0.01	<0.01	1.1
L836878		<0.05	2.0	40	2.9	1.2	<0.001	0.02	0.76	0.3	0.2	<0.2	1.5	<0.01	<0.01	1.2
L836879		<0.05	20.9	560	18.7	3.7	0.004	0.88	1.80	1.3	1.4	0.2	8.4	<0.01	0.02	5.5
L836880		<0.05	29.1	620	14.9	4.9	0.003	1.05	2.28	1.3	1.8	0.2	8.4	<0.01	0.03	5.2
L836881		<0.05	9.2	240	3.9	2.1	0.001	0.57	1.65	0.9	0.7	<0.2	5.5	<0.01	0.01	2.9
L836882		<0.05	7.4	140	5.5	0.8	<0.001	0.12	1.26	0.5	0.3	<0.2	1.5	<0.01	<0.01	1.2
L836883		<0.05	7.4	150	4.2	1.9	0.001	0.41	1.02	0.5	0.4	<0.2	5.2	<0.01	0.01	2.3



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
L836844		<0.005	0.10	0.90	7	21.3	1.80	39	3.6
L836845		<0.005	0.08	1.62	17	1.71	3.49	83	9.4
L836846		<0.005	0.09	1.35	18	6.03	3.12	68	7.8
L836847		<0.005	0.03	0.29	6	14.00	0.99	15	2.0
L836848		<0.005	0.10	0.56	3	18.45	0.97	39	1.1
L836849		<0.005	0.05	0.41	3	7.58	1.14	22	1.9
L836850		<0.005	0.03	0.41	2	19.95	2.78	60	1.2
L836851		<0.005	0.04	0.67	17	4.02	3.30	59	4.7
L836852		<0.005	0.03	1.03	17	10.95	3.53	64	6.1
L836853		<0.005	0.04	0.80	6	4.15	2.72	25	2.9
L836854		<0.005	0.05	0.67	5	11.75	1.07	18	2.5
L836855		<0.005	0.03	0.62	10	31.1	1.82	48	2.9
L836856		<0.005	0.03	1.26	17	33.8	2.87	74	8.0
L836857		<0.005	0.02	1.13	17	26.0	2.60	58	5.6
L836858		<0.005	0.02	0.87	15	6.48	2.55	58	4.0
L836859		<0.005	<0.02	0.65	11	3.35	2.12	39	3.1
L836860		<0.005	0.03	0.46	10	9.68	1.74	29	2.5
L836861		<0.005	0.02	0.68	15	3.86	2.33	93	3.5
L836862		<0.005	0.02	1.01	28	4.82	4.31	89	5.8
L836863		<0.005	0.02	1.11	28	1.52	4.64	74	4.9
L836864		<0.005	0.03	1.21	21	7.57	2.94	53	4.9
L836865		<0.005	<0.02	0.91	22	1.91	4.34	51	4.3
L836866		<0.005	0.02	0.45	10	8.73	1.81	29	2.5
L836867		<0.005	0.02	0.72	19	3.83	2.75	41	4.3
L836868		<0.005	0.03	1.06	26	8.83	3.22	75	6.3
L836869		<0.005	<0.02	0.77	2	0.44	0.93	14	<0.5
L836870		<0.005	0.02	0.81	18	3.13	2.38	49	3.9
L836871		<0.005	0.07	0.42	16	0.90	2.57	39	0.6
L836872		<0.005	0.10	0.57	31	2.85	2.70	54	7.2
L836873		<0.005	0.14	0.48	15	0.39	2.06	21	4.5
L836874		<0.005	0.17	0.60	16	4.90	2.01	35	4.2
L836875		<0.005	0.07	0.24	9	1.29	0.99	18	2.1
L836876		<0.005	0.04	0.09	2	7.21	0.48	6	1.2
L836877		<0.005	0.02	0.08	1	3.22	0.42	6	1.3
L836878		<0.005	0.02	0.09	1	7.52	0.44	5	1.4
L836879		<0.005	0.07	0.77	10	4.79	1.56	44	4.7
L836880		<0.005	0.07	0.90	12	6.70	1.58	32	5.4
L836881		<0.005	0.06	0.35	6	7.27	0.85	15	2.5
L836882		<0.005	0.02	0.26	2	14.70	1.13	39	1.3
L836883		<0.005	0.06	0.22	3	16.75	0.76	20	1.8



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA24 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
L836884		0.85	0.005	0.26	0.62	26.8	<0.2	<10	60	0.23	0.14	0.10	0.17	12.55	6.6	16
L836885		1.01	<0.005	0.34	1.13	23.3	<0.2	<10	60	0.25	0.15	0.17	0.32	14.85	5.8	26
L836886		1.20	<0.005	0.22	0.62	33.8	<0.2	<10	60	0.14	0.19	0.07	0.21	5.43	7.0	18
L836887		0.91	<0.005	0.05	0.21	14.9	<0.2	<10	20	0.05	0.03	0.02	0.05	5.60	1.3	14
L836888		1.17	<0.005	0.43	0.88	24.3	<0.2	<10	80	0.20	0.18	0.12	0.30	9.84	8.5	20
L836889		0.75	<0.005	0.34	0.96	61.1	<0.2	<10	50	0.19	0.13	0.14	0.28	9.10	6.3	21
L836890		0.67	<0.005	0.35	1.05	41.9	<0.2	<10	80	0.37	0.23	0.21	0.31	8.25	9.6	21
L836891		0.66	0.005	0.44	0.93	30.8	<0.2	<10	100	0.25	0.27	0.16	0.47	9.70	9.8	18
L836892		0.51	0.006	0.31	0.70	31.1	<0.2	<10	50	0.19	0.14	0.05	0.18	7.79	6.1	21
L836893		1.68	0.005	0.27	0.88	27.6	<0.2	<10	80	0.16	0.20	0.06	0.28	10.10	8.8	20
L836894		1.14	0.006	0.34	1.36	22.8	<0.2	<10	90	0.25	0.21	0.14	0.74	17.05	10.3	26
L836895		1.09	<0.005	0.39	1.13	23.1	<0.2	<10	80	0.25	0.30	0.14	0.89	12.55	12.9	23
L836896		0.91	<0.005	0.37	1.00	17.8	<0.2	<10	90	0.19	0.23	0.10	0.82	13.25	9.9	20
L836897		1.51	<0.005	0.30	0.73	15.6	<0.2	<10	70	0.13	0.15	0.07	0.69	14.35	7.9	21
L836898		0.88	<0.005	0.15	0.59	16.5	<0.2	<10	60	0.15	0.11	0.06	0.61	14.75	73.0	18



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
L836884		1.58	16.1	1.33	1.36	<0.05	0.08	0.02	0.015	0.05	5.7	12.9	0.11	65	2.02
L836885		1.27	28.2	1.88	2.89	0.05	0.11	0.02	0.022	0.05	6.7	38.1	0.34	67	3.25
L836886		1.49	12.6	1.85	1.61	<0.05	0.08	0.02	0.011	0.05	2.1	16.5	0.19	45	2.20
L836887		0.29	4.1	0.58	0.61	<0.05	0.04	0.01	<0.005	0.01	2.4	6.2	0.08	32	1.55
L836888		1.69	31.9	1.61	2.23	0.05	0.14	0.02	0.020	0.05	3.8	10.9	0.13	67	4.69
L836889		1.34	23.4	1.94	2.55	0.05	0.12	0.03	0.019	0.04	3.7	23.4	0.32	64	2.56
L836890		3.01	22.6	2.35	2.68	0.06	0.15	0.02	0.027	0.05	3.1	9.6	0.13	73	2.71
L836891		2.00	38.7	1.60	2.52	0.10	0.15	0.03	0.026	0.06	3.8	4.1	0.07	60	1.99
L836892		0.94	21.2	2.01	2.05	0.09	0.15	0.01	0.012	0.03	3.8	10.5	0.17	66	3.21
L836893		1.13	56.7	2.07	2.46	0.10	0.10	0.02	0.017	0.05	4.2	7.7	0.11	65	2.42
L836894		1.34	39.4	1.50	3.78	0.10	0.10	0.02	0.032	0.05	8.1	3.3	0.10	80	1.95
L836895		1.63	32.5	2.23	3.13	0.10	0.12	0.02	0.026	0.05	5.9	9.2	0.12	69	2.78
L836896		1.41	23.7	1.65	2.70	0.11	0.13	0.02	0.022	0.06	5.7	3.6	0.09	63	3.43
L836897		0.94	24.9	1.04	2.10	0.10	0.13	0.01	0.017	0.04	6.1	2.4	0.06	49	3.86
L836898		0.75	16.7	0.95	1.67	0.09	0.07	0.11	0.010	0.03	6.1	3.1	0.05	48	2.00



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
L836884		<0.05	17.9	540	8.6	3.8	0.001	0.37	1.24	1.2	1.1	<0.2	9.5	<0.01	0.03	4.7
L836885		<0.05	24.9	660	9.6	3.8	0.003	0.55	1.48	2.2	1.2	0.2	12.7	<0.01	0.04	6.1
L836886		<0.05	17.8	450	10.6	3.6	0.001	1.14	1.05	1.0	1.1	<0.2	5.3	<0.01	0.02	4.1
L836887		<0.05	4.3	180	2.9	1.0	<0.001	0.05	0.98	0.5	0.2	<0.2	2.5	<0.01	<0.01	1.5
L836888		<0.05	31.5	600	13.5	3.6	0.005	0.82	1.63	1.7	1.4	0.2	7.4	<0.01	0.05	6.9
L836889		<0.05	28.4	610	8.3	2.7	0.002	0.99	2.76	1.8	1.5	0.2	8.6	<0.01	0.04	6.2
L836890		<0.05	36.3	930	11.7	4.3	0.003	1.43	1.81	2.2	2.1	0.2	8.1	<0.01	0.06	8.2
L836891		<0.05	46.5	810	14.8	4.0	0.005	1.00	1.72	1.5	2.4	0.3	8.3	<0.01	0.07	8.9
L836892		<0.05	25.5	230	6.9	2.3	0.006	1.05	1.92	1.5	2.0	0.2	4.4	<0.01	0.03	3.9
L836893		<0.05	35.1	460	8.5	3.4	0.002	1.27	1.63	1.5	1.4	0.2	6.8	<0.01	0.04	6.1
L836894		<0.05	35.9	770	23.3	3.2	0.002	0.40	2.91	2.3	1.6	0.3	9.9	<0.01	0.06	8.1
L836895		<0.05	45.1	780	24.0	3.5	0.003	1.40	2.14	2.1	3.1	0.3	11.8	<0.01	0.07	7.8
L836896		<0.05	40.2	570	13.6	3.7	0.006	0.91	1.89	1.6	1.7	0.2	8.3	<0.01	0.09	6.7
L836897		<0.05	29.5	350	9.6	2.7	0.007	0.43	1.54	1.3	1.6	0.2	5.9	<0.01	0.05	5.5
L836898		<0.05	19.2	330	5.6	2.2	0.002	0.35	1.52	1.1	0.9	0.2	5.8	<0.01	0.02	4.1



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***** See Appendix Page for comments regarding this certificate *****



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Method	CERTIFICATE COMMENTS
ME- MS41 ME- MS41	Interference: Ca> 10% on ICP- MS As,ICP- AES results shown. Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).



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P.O. No.:

This report is for 175 Soil samples submitted to our lab in Whitehorse, YT, Canada on 30- AUG- 2011.

The following have access to data associated with this certificate:

DOUG EATON

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- TL43	Trace Level Au - 25g AR	ICP- MS
ME- MS41	51 anal. aqua regia ICPMS	

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- TL43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD008501		0.16	0.002	0.72	0.65	105.5	<0.2	<10	40	0.21	0.32	0.03	0.17	13.00	6.3	16
DD008502		0.18	0.005	0.95	0.76	150.5	<0.2	<10	50	0.18	0.33	0.04	0.13	13.65	4.6	23
DD008503		0.24	0.003	0.63	1.15	27.4	<0.2	<10	50	0.23	0.27	0.07	0.09	18.75	4.8	24
DD008504		0.18	0.006	1.00	1.26	146.5	<0.2	<10	70	0.24	0.54	0.07	0.15	23.0	7.7	33
DD008505		0.16	0.012	0.74	1.30	93.2	<0.2	<10	70	0.33	0.40	0.06	0.26	23.9	13.9	30
DD008506		0.18	0.001	0.46	1.03	95.0	<0.2	<10	50	0.23	0.50	0.05	0.18	24.0	6.0	28
DD008507		0.18	0.003	0.28	1.28	37.2	<0.2	<10	70	0.35	0.28	0.05	0.23	23.3	8.4	24
DD008508		0.14	0.002	0.20	1.19	39.5	<0.2	<10	50	0.21	0.37	0.05	0.13	18.70	5.2	31
DD008509		0.16	0.004	0.27	1.63	35.2	<0.2	<10	70	0.30	0.33	0.06	0.15	25.1	8.6	38
DD008510		0.16	0.005	0.53	0.96	33.5	<0.2	<10	50	0.18	0.37	0.04	0.11	14.35	3.6	33
DD008511		0.14	0.003	0.82	0.95	118.0	<0.2	<10	140	0.39	0.43	0.10	0.38	16.60	10.5	22
DD008512		0.16	0.006	0.85	0.70	45.3	<0.2	<10	40	0.19	0.34	0.04	0.21	9.26	8.1	51
DD008513		0.16	<0.001	0.82	0.68	60.2	<0.2	<10	40	0.24	0.41	0.03	0.15	12.00	6.2	28
DD008514		0.20	<0.001	0.60	0.38	44.5	<0.2	<10	30	0.11	0.31	0.01	0.06	11.35	2.0	18
DD008515		0.18	<0.001	0.92	0.65	44.1	<0.2	<10	70	0.27	0.40	0.10	0.26	11.05	11.1	64
DD008516		0.16	<0.001	0.85	0.78	40.7	<0.2	<10	90	0.28	0.41	0.07	0.29	15.30	14.9	40
DD008517		0.14	0.001	1.07	0.90	48.0	<0.2	<10	50	0.26	0.49	0.05	0.18	14.75	7.6	51
DD008518		0.14	0.006	0.67	0.72	43.4	<0.2	<10	50	0.18	0.34	0.06	0.14	8.76	5.2	55
DD008519		0.14	0.002	1.26	1.20	125.5	<0.2	<10	100	0.37	0.47	0.08	0.31	14.30	7.9	22
DD008520		0.16	0.003	0.95	1.05	88.5	<0.2	<10	120	0.35	0.40	0.07	0.33	17.05	7.3	21
DD008521		0.18	0.003	0.64	2.11	24.7	<0.2	<10	80	0.34	0.32	0.08	0.15	28.8	9.2	34
DD008522		0.16	0.003	0.86	1.59	111.0	<0.2	<10	170	0.56	0.59	0.09	0.15	20.3	10.4	30
DD008523		0.16	0.025	1.19	1.78	137.5	<0.2	<10	90	0.43	0.27	0.07	0.50	25.3	10.2	26
DD008524		0.20	0.004	0.80	1.55	84.7	<0.2	<10	150	0.38	0.52	0.15	0.23	19.55	5.8	29
DD008525		0.20	0.002	0.19	1.08	20.0	<0.2	<10	50	0.18	0.28	0.06	0.10	21.1	4.2	27
DD008651		0.16	0.002	0.13	1.45	26.9	<0.2	<10	60	0.33	0.36	0.12	0.04	61.5	15.7	17
DD008652		0.14	0.002	0.13	1.20	20.7	<0.2	<10	90	0.26	0.29	0.09	0.14	27.7	7.6	20
DD008653		0.14	0.003	0.11	1.28	68.4	<0.2	<10	100	0.35	0.35	0.14	0.09	32.0	9.3	27
DD008654		0.18	0.003	0.16	1.44	29.7	<0.2	<10	110	0.28	0.33	0.15	0.11	40.4	11.0	21
DD008655		0.18	0.008	0.35	1.25	232	<0.2	<10	110	0.30	0.38	0.29	0.26	44.4	14.1	21
DD008656		0.14	0.004	0.23	1.18	62.1	<0.2	<10	130	0.30	0.31	0.36	0.15	31.3	13.2	24
DD008657		0.16	0.003	0.18	1.15	51.7	<0.2	<10	120	0.28	0.25	0.21	0.22	37.6	10.8	21
DD008658		0.10	0.008	0.52	1.03	434	<0.2	<10	130	0.50	0.55	0.41	0.95	23.1	20.1	19
DD008659		0.16	<0.001	0.74	0.77	63.3	<0.2	<10	70	0.22	0.41	0.04	0.08	19.95	2.2	27
DD008675		0.18	<0.001	0.79	0.73	58.8	<0.2	<10	50	0.25	0.55	0.03	0.08	21.9	4.9	20
DD008676		0.16	0.001	0.64	0.74	24.6	<0.2	<10	60	0.22	0.42	0.07	0.11	22.8	2.5	28
DD008677		0.16	0.003	0.56	0.86	26.9	<0.2	<10	50	0.27	0.38	0.02	0.11	19.75	4.0	27
DD008678		0.16	0.005	0.33	0.61	41.2	<0.2	<10	40	0.23	0.25	0.05	0.19	17.40	4.0	27
DD008679		0.16	0.003	0.59	0.69	39.1	<0.2	<10	60	0.22	0.32	0.04	0.13	18.05	3.0	21
DD008680		0.16	0.003	0.71	0.74	105.0	<0.2	<10	90	0.35	0.31	0.10	0.24	14.20	8.0	17



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
DD008501		1.89	52.3	2.85	1.90	0.11	0.02	0.06	0.026	0.02	6.3	5.5	0.09	215	2.60
DD008502		1.99	55.7	2.77	2.31	0.10	<0.02	0.07	0.029	0.03	6.5	5.5	0.12	182	2.92
DD008503		4.01	36.1	2.80	4.23	0.09	<0.02	0.07	0.028	0.03	8.5	12.6	0.21	164	2.17
DD008504		4.78	67.2	5.43	4.08	0.10	<0.02	0.12	0.045	0.04	10.0	10.5	0.19	505	4.20
DD008505		3.40	41.6	3.97	4.47	0.10	<0.02	0.07	0.033	0.04	10.0	12.5	0.22	632	3.11
DD008506		3.68	35.6	3.73	3.10	0.11	<0.02	0.12	0.034	0.03	10.5	9.0	0.16	398	4.19
DD008507		1.63	35.3	2.86	4.16	0.09	<0.02	0.05	0.025	0.03	10.5	11.1	0.26	317	2.10
DD008508		1.97	30.8	3.08	5.49	0.10	<0.02	0.06	0.030	0.03	8.5	8.1	0.19	248	3.02
DD008509		3.06	30.5	3.33	5.54	0.10	<0.02	0.06	0.035	0.04	10.8	15.5	0.35	360	3.24
DD008510		2.58	34.1	2.34	3.63	0.09	<0.02	0.07	0.027	0.03	7.0	6.4	0.14	111	3.61
DD008511		2.72	65.3	3.37	2.92	0.11	0.02	0.09	0.037	0.03	7.6	11.5	0.14	510	3.60
DD008512		2.01	65.3	3.08	2.17	0.09	0.03	0.10	0.030	0.02	4.2	8.0	0.11	266	6.86
DD008513		2.90	50.7	3.24	2.15	0.11	<0.02	0.09	0.032	0.02	5.6	6.0	0.08	203	4.47
DD008514		1.81	19.9	1.80	1.40	0.12	<0.02	0.08	0.018	0.01	5.5	2.7	0.04	75	3.06
DD008515		2.58	65.0	3.40	2.41	0.11	<0.02	0.10	0.031	0.02	5.0	7.9	0.09	412	9.33
DD008516		2.69	86.1	3.43	2.32	0.12	0.02	0.10	0.035	0.02	6.8	8.8	0.12	451	6.70
DD008517		3.08	72.2	3.54	2.85	0.11	<0.02	0.12	0.038	0.02	6.6	8.1	0.13	281	7.48
DD008518		1.67	52.5	2.82	2.53	0.08	<0.02	0.09	0.029	0.02	4.1	5.5	0.10	166	6.88
DD008519		3.48	88.9	3.96	3.04	0.11	0.03	0.10	0.040	0.03	6.7	13.1	0.16	219	3.53
DD008520		2.69	64.0	3.14	2.88	0.10	0.02	0.07	0.039	0.03	8.0	11.6	0.17	131	2.95
DD008521		3.68	40.3	3.35	5.72	0.10	<0.02	0.08	0.033	0.05	13.0	19.7	0.43	342	2.34
DD008522		4.34	66.8	4.25	4.92	0.10	0.02	0.10	0.046	0.04	9.5	19.3	0.19	517	3.59
DD008523		1.80	38.6	3.08	3.82	0.08	0.06	0.10	0.035	0.04	10.4	13.8	0.28	484	1.61
DD008524		3.77	54.2	3.78	4.49	0.09	<0.02	0.09	0.042	0.04	9.3	16.5	0.23	216	3.10
DD008525		1.57	15.3	2.87	5.69	0.09	<0.02	0.07	0.024	0.03	10.0	6.9	0.19	166	1.99
DD008651		0.66	50.2	3.93	3.89	0.10	0.03	0.03	0.016	0.06	29.8	38.8	0.55	726	0.63
DD008652		0.99	19.6	3.02	4.04	0.08	<0.02	0.03	0.018	0.04	12.3	19.9	0.27	349	1.26
DD008653		1.10	29.8	3.57	4.34	0.08	<0.02	0.04	0.025	0.04	14.6	25.6	0.34	495	1.88
DD008654		0.76	33.3	3.53	3.65	0.11	0.06	0.04	0.018	0.05	20.0	31.0	0.45	583	1.06
DD008655		0.72	41.4	3.78	3.47	0.11	0.06	0.04	0.024	0.05	21.8	27.2	0.38	463	1.29
DD008656		0.74	23.0	3.53	3.41	0.09	0.07	0.03	0.021	0.04	14.4	23.1	0.33	539	1.87
DD008657		0.65	25.1	3.13	3.12	0.08	0.05	0.04	0.021	0.04	18.6	18.8	0.32	388	1.16
DD008658		1.01	43.7	5.10	2.18	0.10	0.06	0.06	0.035	0.03	11.2	11.4	0.19	1140	2.47
DD008659		5.62	28.5	2.88	3.19	0.11	<0.02	0.10	0.029	0.03	8.8	5.6	0.09	106	2.71
DD008675		3.11	58.3	3.94	3.05	0.12	<0.02	0.09	0.037	0.02	11.1	3.5	0.06	163	3.43
DD008676		2.43	27.1	2.14	2.16	0.11	<0.02	0.12	0.030	0.02	10.5	4.3	0.07	80	3.37
DD008677		1.77	29.7	2.31	3.51	<0.05	<0.02	0.08	0.027	0.02	8.6	4.6	0.08	121	3.21
DD008678		1.52	26.3	2.01	3.09	<0.05	<0.02	0.07	0.023	0.02	7.6	4.7	0.09	119	3.68
DD008679		2.37	17.8	1.75	2.88	<0.05	<0.02	0.11	0.025	0.02	7.7	4.1	0.07	62	2.76
DD008680		2.07	55.1	2.72	2.39	0.06	0.03	0.07	0.034	0.02	6.5	9.2	0.11	274	3.21



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
DD008501		0.08	26.7	910	20.2	2.0	<0.001	0.02	7.63	1.3	2.1	0.2	14.7	<0.01	0.09
DD008502		0.12	23.4	970	41.2	2.7	<0.001	0.03	11.05	1.6	2.1	0.2	16.4	<0.01	0.05
DD008503		0.32	16.3	850	18.2	5.1	<0.001	0.02	2.22	1.1	2.3	0.4	9.4	<0.01	0.03
DD008504		0.28	25.4	1490	35.3	4.6	<0.001	0.03	6.74	2.5	3.5	0.3	13.5	<0.01	0.16
DD008505		0.37	35.5	970	22.1	6.9	<0.001	0.01	4.36	1.9	1.7	0.4	8.9	<0.01	0.06
DD008506		0.24	22.5	1180	26.5	3.8	<0.001	<0.01	7.89	2.5	2.2	0.3	10.7	<0.01	0.16
DD008507		0.33	25.4	730	14.3	5.8	<0.001	<0.01	1.94	1.5	1.4	0.4	10.9	<0.01	0.06
DD008508		0.31	21.0	870	17.2	6.0	<0.001	0.02	1.91	0.7	1.6	0.5	10.6	<0.01	0.05
DD008509		0.52	26.4	810	17.1	7.2	<0.001	0.01	2.04	1.5	1.4	0.5	10.9	<0.01	0.07
DD008510		0.15	22.1	860	17.8	5.0	<0.001	0.03	2.69	0.5	1.3	0.3	10.1	<0.01	0.05
DD008511		0.12	40.6	1000	26.9	4.0	<0.001	0.04	4.61	1.8	2.4	0.2	28.6	<0.01	0.06
DD008512		0.09	51.9	1330	23.1	2.7	<0.001	0.06	4.64	1.1	2.3	0.2	10.5	<0.01	0.08
DD008513		0.05	30.8	1010	25.9	1.9	<0.001	0.03	8.50	1.7	3.6	0.2	13.4	<0.01	0.09
DD008514		<0.05	14.0	620	19.2	1.1	0.002	0.01	8.09	1.1	2.5	0.2	11.1	<0.01	0.05
DD008515		0.05	64.6	1180	26.3	2.0	0.001	0.05	7.22	1.8	4.0	0.3	24.7	<0.01	0.11
DD008516		0.06	60.7	1040	30.0	1.8	<0.001	0.06	5.20	2.1	3.5	0.2	20.1	<0.01	0.14
DD008517		0.08	46.2	1260	29.0	2.3	<0.001	0.06	5.79	2.3	3.9	0.3	20.5	<0.01	0.14
DD008518		0.10	43.1	1210	18.8	2.4	<0.001	0.05	3.78	0.5	2.1	0.2	12.4	<0.01	0.07
DD008519		0.12	39.7	1180	38.8	3.8	<0.001	0.10	7.82	2.1	3.4	0.3	23.3	<0.01	0.11
DD008520		0.16	36.1	1180	25.9	3.3	<0.001	0.03	4.65	2.0	2.6	0.2	20.0	<0.01	0.08
DD008521		0.63	25.4	830	19.1	7.4	<0.001	0.05	1.59	1.8	2.0	0.5	11.2	<0.01	0.03
DD008522		0.23	36.4	1170	40.4	5.9	<0.001	0.04	5.27	2.0	3.3	0.4	29.8	<0.01	0.14
DD008523		0.65	30.1	930	65.0	7.2	<0.001	0.02	5.50	2.3	1.2	0.4	14.6	<0.01	0.06
DD008524		0.23	31.7	1220	36.3	6.0	0.001	0.05	4.01	1.5	3.2	0.4	25.1	<0.01	0.06
DD008525		0.27	13.3	750	15.0	5.2	<0.001	0.01	1.08	0.5	1.0	0.5	8.4	<0.01	0.04
DD008651		0.08	30.1	470	27.2	4.4	<0.001	<0.01	0.68	1.9	0.5	<0.2	13.8	<0.01	0.04
DD008652		0.43	17.6	600	22.9	8.1	<0.001	<0.01	0.86	1.1	0.6	0.3	10.2	<0.01	0.02
DD008653		0.37	24.9	570	30.5	8.0	<0.001	0.01	1.33	1.3	0.5	0.3	18.1	<0.01	0.04
DD008654		0.23	27.2	520	25.6	6.4	<0.001	<0.01	0.94	2.1	0.5	0.2	17.1	<0.01	0.02
DD008655		0.26	32.8	650	33.8	5.5	<0.001	<0.01	3.11	2.7	0.8	0.2	33.0	<0.01	0.03
DD008656		0.27	24.4	590	20.6	5.8	<0.001	0.01	1.88	2.3	0.5	0.2	42.5	<0.01	0.04
DD008657		0.30	23.9	580	18.9	5.1	<0.001	<0.01	1.70	2.4	0.8	0.2	20.6	<0.01	0.02
DD008658		0.17	38.4	1030	38.6	4.5	<0.001	0.04	5.29	2.9	2.6	0.2	29.4	<0.01	0.07
DD008659		0.14	13.9	1110	30.8	3.0	<0.001	0.03	23.5	2.4	2.8	0.3	38.6	<0.01	0.07
DD008675		<0.05	15.9	1030	30.7	1.5	<0.001	0.03	4.51	2.1	4.0	0.2	26.3	<0.01	0.21
DD008676		0.11	18.5	770	24.2	1.8	<0.001	<0.01	2.73	1.8	1.3	0.3	25.6	<0.01	0.08
DD008677		0.23	19.2	750	14.5	3.1	<0.001	0.06	2.35	0.7	1.4	0.4	15.0	<0.01	0.11
DD008678		0.31	23.1	560	12.4	2.5	<0.001	0.03	2.60	1.0	1.1	0.3	11.5	<0.01	0.10
DD008679		0.20	16.6	770	17.4	2.6	<0.001	0.05	3.09	0.8	1.6	0.3	12.5	<0.01	0.07
DD008680		0.12	32.9	830	20.3	2.6	<0.001	0.05	4.41	1.7	2.7	0.2	22.0	<0.01	0.10



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
DD008501		0.006	0.03	1.14	18	0.09	2.82	75	0.7
DD008502		0.008	0.04	1.18	22	0.10	2.42	62	<0.5
DD008503		0.024	0.09	0.90	37	0.14	2.28	52	<0.5
DD008504		0.016	0.06	1.31	37	0.15	3.09	74	<0.5
DD008505		0.022	0.07	1.03	40	0.17	4.19	99	<0.5
DD008506		0.011	0.04	1.00	28	0.11	3.68	61	0.5
DD008507		0.024	0.07	1.13	36	0.17	3.85	71	<0.5
DD008508		0.022	0.09	0.85	47	0.18	2.28	55	<0.5
DD008509		0.033	0.10	1.07	47	0.21	3.20	71	<0.5
DD008510		0.011	0.07	0.91	30	0.13	2.86	46	<0.5
DD008511		0.006	0.06	1.60	24	0.14	4.49	93	0.7
DD008512		0.005	0.04	1.75	18	0.16	3.26	75	0.7
DD008513		<0.005	0.03	1.36	17	0.07	3.03	66	<0.5
DD008514		<0.005	0.02	0.83	12	0.06	1.22	26	0.6
DD008515		<0.005	0.03	1.52	19	0.14	3.16	73	0.7
DD008516		<0.005	0.03	1.28	18	0.09	3.28	101	0.8
DD008517		<0.005	0.03	1.23	23	0.12	2.64	65	0.6
DD008518		0.006	0.03	1.09	24	0.14	2.03	66	<0.5
DD008519		0.005	0.05	1.67	25	0.10	5.26	103	1.2
DD008520		0.007	0.05	1.64	25	0.15	5.07	100	0.7
DD008521		0.037	0.12	1.54	50	0.23	5.28	88	<0.5
DD008522		0.009	0.08	1.88	39	0.11	5.24	90	0.6
DD008523		0.026	0.12	1.09	36	0.19	3.69	111	1.6
DD008524		0.012	0.07	1.73	39	0.13	5.07	87	<0.5
DD008525		0.020	0.10	0.74	50	0.20	2.28	44	<0.5
DD008651		0.005	0.03	1.20	12	<0.05	9.53	88	1.3
DD008652		0.017	0.08	0.62	30	0.16	3.14	52	<0.5
DD008653		0.018	0.07	0.76	30	0.19	4.82	70	<0.5
DD008654		0.011	0.05	1.10	20	0.09	7.66	87	2.0
DD008655		0.011	0.04	1.06	19	0.10	9.14	94	2.7
DD008656		0.009	0.05	0.81	21	0.12	5.16	81	2.3
DD008657		0.013	0.04	0.80	23	0.12	6.51	80	1.7
DD008658		0.010	0.04	1.94	18	0.11	19.90	192	1.9
DD008659		0.006	0.05	1.22	27	0.15	3.06	38	<0.5
DD008675		<0.005	0.03	1.38	29	<0.05	1.75	61	0.7
DD008676		<0.005	0.03	1.31	20	0.07	1.83	32	0.8
DD008677		0.020	0.06	1.00	32	0.16	2.21	41	<0.5
DD008678		0.022	0.04	0.81	28	0.18	1.89	47	<0.5
DD008679		0.014	0.04	0.82	24	0.10	2.55	35	<0.5
DD008680		0.011	0.05	1.49	19	0.12	4.37	73	0.8



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- TL43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD008681		0.14	0.009	0.59	0.96	242	<0.2	<10	120	0.34	0.33	0.02	0.15	13.25	11.0	18
DD008682		0.16	0.004	0.81	0.66	179.5	<0.2	<10	100	0.25	0.32	0.05	0.26	10.70	11.1	19
DD008683		0.14	0.002	0.82	0.72	84.2	<0.2	<10	60	0.26	0.38	0.03	0.11	12.25	3.8	23
DD008684		0.16	0.003	1.28	0.99	131.0	<0.2	<10	120	0.40	0.48	0.10	0.29	13.45	11.3	22
DD008685		0.12	0.004	0.56	0.93	143.5	<0.2	<10	150	0.40	0.42	0.10	0.16	11.75	11.7	17
DD008686		0.18	0.009	0.24	0.91	44.5	<0.2	<10	50	0.28	0.23	0.04	0.18	19.40	4.2	20
DD008687		0.16	0.005	0.90	0.91	33.5	<0.2	<10	40	0.26	0.46	0.02	0.11	15.80	3.0	30
DD008688		0.16	0.003	0.41	0.76	20.7	<0.2	<10	30	0.12	0.39	0.02	0.08	13.60	2.2	25
DD008689		0.16	0.002	0.82	0.84	42.3	<0.2	<10	40	0.13	0.37	0.04	0.09	17.05	3.1	26
DD008690		0.18	0.001	0.48	0.72	47.5	<0.2	<10	40	0.37	0.37	0.02	0.10	20.0	4.8	24
DD008691		0.14	0.010	0.68	0.81	79.4	<0.2	<10	40	0.22	0.39	0.03	0.10	15.70	3.1	18
DD008692		0.16	0.010	0.29	1.01	39.0	<0.2	<10	50	0.24	0.25	0.04	0.14	17.80	4.2	19
DD008693		0.18	0.003	0.45	0.84	39.2	<0.2	<10	50	0.24	0.29	0.04	0.13	19.10	4.6	16
DD008694		0.14	0.002	0.56	0.73	37.4	<0.2	<10	50	0.15	0.41	0.03	0.10	15.75	2.5	21
DD008695		0.20	0.006	0.55	1.17	45.7	<0.2	<10	70	0.29	0.28	0.06	0.13	22.9	11.3	20
DD008696		0.18	0.003	0.47	0.60	57.9	<0.2	<10	80	0.21	0.27	0.03	0.28	14.40	11.4	12
DD008697		0.12	0.005	1.53	0.84	108.5	<0.2	<10	70	0.27	0.46	0.03	0.15	12.75	3.7	18
DD008698		0.16	0.005	3.33	0.70	184.0	<0.2	<10	50	0.33	0.44	0.03	0.18	13.00	4.3	17
DD008699		0.14	0.004	1.23	0.70	173.0	<0.2	<10	50	0.26	0.41	0.04	0.17	15.05	6.0	18
DD008700		0.14	0.009	0.35	1.18	88.6	<0.2	<10	90	0.47	0.20	0.09	0.44	28.3	9.6	21
DD008701		0.20	0.005	0.65	1.19	55.6	<0.2	<10	130	0.40	0.35	0.07	0.24	21.3	6.7	24
DD008702		0.14	0.010	0.79	0.91	176.5	<0.2	<10	140	0.36	0.35	0.05	0.17	13.90	6.4	21
DD008703		0.12	0.009	0.38	0.78	42.0	<0.2	<10	50	0.19	0.29	0.04	0.16	14.80	3.8	20
DD008704		0.14	0.006	0.53	0.95	171.0	<0.2	<10	150	0.39	0.43	0.05	0.17	14.90	7.3	24
DD008705		0.14	0.004	0.57	1.35	50.9	<0.2	<10	130	0.46	0.37	0.05	0.17	21.9	7.4	27
DD008706		0.20	0.003	0.53	0.97	91.7	<0.2	<10	90	0.35	0.34	0.06	0.18	19.55	4.7	22
DD008707		0.10	0.023	1.43	1.09	570	<0.2	<10	160	0.44	0.36	0.08	0.18	22.3	4.4	20
DD008708		0.10	0.011	0.83	1.36	191.5	<0.2	<10	180	0.48	0.35	0.09	0.35	27.2	13.6	23
DD008709		0.16	0.025	1.54	0.80	738	<0.2	<10	140	0.34	0.39	0.08	0.21	22.7	5.0	16
DD008710		0.14	0.008	0.48	1.07	105.5	<0.2	<10	100	0.33	0.30	0.04	0.18	18.20	5.1	23
DD008711		0.14	0.007	1.18	0.81	320	<0.2	<10	110	0.26	0.35	0.07	0.19	16.10	5.7	20
DD008712		0.16	0.004	0.51	0.67	181.5	<0.2	<10	90	0.31	0.31	0.04	0.13	13.05	5.0	16
DD008713		0.14	0.006	1.23	0.89	117.0	<0.2	<10	140	0.29	0.48	0.05	0.18	11.80	5.0	21
DD008714		0.16	0.066	0.70	0.86	529	<0.2	<10	120	0.41	0.31	0.04	0.21	15.90	12.6	17
DD008715		0.16	0.006	0.56	1.01	118.0	<0.2	<10	110	0.40	0.31	0.06	0.22	20.2	8.1	21
DD008716		0.14	0.120	0.70	0.84	489	0.2	<10	90	0.29	0.27	0.05	0.22	16.75	8.4	19
DD008717		0.16	0.020	0.51	0.87	253	<0.2	<10	160	0.33	0.27	0.07	0.23	17.95	10.5	19
DD008718		0.14	0.008	0.74	0.80	127.5	<0.2	<10	100	0.38	0.37	0.03	0.17	13.20	4.6	18
DD008719		0.14	0.002	0.84	1.27	95.2	<0.2	<10	60	0.71	0.63	0.03	0.18	18.35	9.2	21
DD008720		0.14	0.004	0.60	1.14	116.0	<0.2	<10	150	0.44	0.36	0.08	0.20	20.1	8.4	19



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
DD008681		1.89	66.3	3.26	2.66	<0.05	0.06	0.06	0.036	0.02	6.1	15.4	0.19	518	2.44
DD008682		1.72	67.0	3.05	1.91	<0.05	0.02	0.06	0.030	0.02	5.0	9.7	0.12	520	2.99
DD008683		2.17	55.0	2.70	2.55	0.06	0.03	0.07	0.025	0.02	5.6	4.5	0.07	151	3.88
DD008684		3.31	76.0	3.56	3.17	0.07	0.02	0.10	0.033	0.03	6.1	10.1	0.13	533	3.74
DD008685		2.63	75.5	3.57	2.90	<0.05	0.05	0.08	0.040	0.03	5.3	11.9	0.14	554	3.28
DD008686		1.32	23.1	2.55	3.80	<0.05	<0.02	0.07	0.024	0.02	8.7	6.8	0.13	210	2.07
DD008687		2.69	40.0	3.24	4.07	0.08	<0.02	0.12	0.037	0.02	8.0	4.5	0.08	147	3.78
DD008688		1.43	22.8	2.27	5.21	0.06	<0.02	0.08	0.022	0.02	7.0	1.6	0.05	82	3.13
DD008689		2.62	19.9	2.69	5.60	0.07	<0.02	0.09	0.026	0.03	8.6	3.6	0.10	105	3.20
DD008690		2.82	62.7	3.04	2.24	0.08	<0.02	0.05	0.029	0.02	9.2	4.0	0.06	175	3.82
DD008691		2.52	35.7	2.56	3.02	<0.05	<0.02	0.08	0.029	0.02	7.5	4.6	0.08	105	2.80
DD008692		1.95	26.5	2.49	3.62	<0.05	<0.02	0.07	0.026	0.02	8.1	7.9	0.15	150	1.95
DD008693		2.76	35.0	2.49	2.59	<0.05	0.02	0.05	0.024	0.02	8.4	6.7	0.12	206	2.17
DD008694		3.11	24.1	2.29	3.28	<0.05	<0.02	0.10	0.026	0.03	7.5	4.7	0.09	111	3.00
DD008695		4.30	40.1	3.30	3.66	<0.05	<0.02	0.09	0.038	0.03	8.7	16.2	0.21	373	2.74
DD008696		1.30	64.0	2.30	2.06	<0.05	<0.02	0.04	0.026	0.02	6.4	9.0	0.13	1280	2.83
DD008697		3.01	50.4	2.87	3.22	<0.05	0.03	0.08	0.034	0.03	5.8	5.4	0.08	118	3.83
DD008698		2.21	55.7	2.83	2.82	0.05	0.03	0.08	0.031	0.02	6.1	5.4	0.09	170	3.12
DD008699		2.76	55.6	2.94	2.31	0.05	0.02	0.05	0.034	0.03	7.1	5.4	0.09	213	3.20
DD008700		1.08	36.8	2.53	3.30	<0.05	0.03	0.05	0.023	0.03	12.1	14.2	0.28	366	1.58
DD008701		1.84	43.1	2.94	3.46	<0.05	0.02	0.11	0.025	0.03	9.1	11.4	0.19	264	2.23
DD008702		1.77	49.1	2.88	3.07	<0.05	<0.02	0.08	0.028	0.03	6.4	10.4	0.14	289	2.77
DD008703		1.25	23.3	2.33	3.66	<0.05	<0.02	0.06	0.020	0.03	6.9	4.4	0.10	151	2.07
DD008704		2.15	43.5	3.24	3.44	<0.05	<0.02	0.10	0.034	0.03	6.8	11.5	0.15	391	3.46
DD008705		2.32	34.5	2.87	4.45	<0.05	<0.02	0.09	0.035	0.03	9.7	15.0	0.22	278	2.48
DD008706		1.88	45.6	2.95	3.25	<0.05	<0.02	0.07	0.030	0.03	8.9	8.5	0.15	197	2.71
DD008707		2.70	36.1	2.92	3.65	<0.05	<0.02	0.11	0.034	0.04	10.0	9.1	0.18	181	2.35
DD008708		3.29	36.1	3.26	4.01	<0.05	0.02	0.07	0.032	0.04	11.4	12.2	0.25	757	2.33
DD008709		2.85	27.6	2.25	2.86	<0.05	0.02	0.10	0.024	0.05	10.3	7.6	0.16	199	2.07
DD008710		2.14	36.8	2.84	3.70	<0.05	<0.02	0.07	0.026	0.03	8.0	10.1	0.17	248	2.75
DD008711		1.79	40.0	2.98	2.73	0.05	<0.02	0.05	0.028	0.03	7.6	10.7	0.16	286	2.63
DD008712		1.51	45.3	2.68	2.35	<0.05	0.03	0.07	0.025	0.02	6.1	8.1	0.10	262	2.55
DD008713		2.33	53.5	2.85	2.93	0.11	0.02	0.13	0.037	0.04	5.1	9.2	0.10	298	3.09
DD008714		1.58	95.9	3.38	2.54	0.10	0.04	0.08	0.040	0.03	6.6	15.5	0.20	601	1.97
DD008715		1.97	62.4	3.25	3.61	0.11	0.02	0.07	0.035	0.03	8.6	11.2	0.19	366	2.62
DD008716		1.26	69.6	3.09	3.39	0.10	<0.02	0.07	0.031	0.04	7.1	9.5	0.15	312	1.77
DD008717		1.70	58.2	3.23	3.10	0.09	<0.02	0.07	0.037	0.03	6.6	12.5	0.18	431	1.64
DD008718		2.07	62.6	2.74	2.59	0.10	0.03	0.09	0.033	0.03	5.8	9.1	0.10	184	3.94
DD008719		4.40	101.5	4.84	3.67	0.15	0.02	0.06	0.050	0.03	7.5	18.1	0.20	312	3.34
DD008720		1.78	50.3	3.41	3.12	0.11	0.07	0.07	0.033	0.04	8.4	13.6	0.12	197	2.26



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
DD008681		0.13	38.3	770	21.9	3.0	<0.001	0.03	6.18	1.9	2.2	0.2	13.4	<0.01	0.13
DD008682		0.06	48.1	780	22.5	2.3	<0.001	0.04	7.36	1.9	1.7	0.2	18.9	<0.01	0.10
DD008683		0.06	23.7	1030	27.3	2.0	<0.001	0.08	8.11	1.6	2.7	0.2	28.5	<0.01	0.11
DD008684		0.12	48.2	1120	39.5	3.5	<0.001	0.08	8.68	2.2	3.3	0.3	36.6	<0.01	0.15
DD008685		0.14	45.7	960	27.5	3.5	<0.001	0.05	5.91	2.0	2.5	0.3	23.5	<0.01	0.14
DD008686		0.57	15.5	590	11.8	4.2	<0.001	0.03	2.40	1.1	1.0	0.3	9.1	<0.01	0.06
DD008687		0.29	18.8	780	22.4	4.0	<0.001	0.06	3.03	1.4	2.0	0.4	17.3	<0.01	0.17
DD008688		0.41	13.1	550	15.5	2.7	<0.001	0.04	1.79	0.9	1.1	0.5	8.0	<0.01	0.11
DD008689		0.39	14.0	630	16.9	4.7	<0.001	0.05	3.38	0.9	1.4	0.5	9.0	<0.01	0.10
DD008690		0.06	23.8	800	19.6	1.4	<0.001	0.04	4.41	2.2	2.5	0.2	18.1	<0.01	0.15
DD008691		0.16	12.8	970	19.8	2.8	<0.001	0.05	4.47	0.8	2.5	0.3	14.6	<0.01	0.12
DD008692		0.42	13.9	700	13.6	4.0	<0.001	0.04	2.16	1.0	2.0	0.3	9.3	<0.01	0.08
DD008693		0.30	14.8	780	16.4	3.0	<0.001	0.04	3.06	1.6	1.4	0.2	12.5	<0.01	0.10
DD008694		0.18	12.7	940	23.5	3.8	<0.001	0.05	3.06	0.6	1.6	0.3	17.3	<0.01	0.12
DD008695		0.51	29.8	840	24.4	4.4	<0.001	0.05	3.87	1.6	3.2	0.4	11.0	<0.01	0.10
DD008696		0.22	38.8	660	15.6	2.3	<0.001	0.03	4.23	1.9	1.6	0.2	14.5	<0.01	0.09
DD008697		0.13	18.2	1240	59.5	3.1	<0.001	0.08	11.55	1.4	3.1	0.3	20.9	<0.01	0.13
DD008698		0.11	18.9	980	124.5	2.4	<0.001	0.08	42.5	1.7	2.7	0.3	20.7	<0.01	0.14
DD008699		0.11	25.3	1020	39.0	2.4	<0.001	0.07	15.20	1.9	2.5	0.2	19.4	<0.01	0.13
DD008700		0.77	28.8	610	12.0	5.0	<0.001	0.04	3.04	2.5	1.3	0.3	16.6	<0.01	0.05
DD008701		0.41	25.8	950	22.0	4.8	<0.001	0.06	4.40	1.9	1.6	0.3	22.6	<0.01	0.08
DD008702		0.22	29.8	970	17.3	4.6	0.001	0.07	5.84	1.2	2.0	0.3	25.3	<0.01	0.09
DD008703		0.29	14.2	850	12.3	4.1	<0.001	0.07	2.18	0.4	0.9	0.4	10.4	<0.01	0.06
DD008704		0.28	26.9	790	23.4	4.7	<0.001	0.07	6.90	1.3	2.4	0.3	29.9	<0.01	0.17
DD008705		0.47	24.7	770	17.6	6.6	<0.001	0.04	3.13	2.0	1.6	0.4	18.8	<0.01	0.09
DD008706		0.34	20.5	800	16.6	3.3	<0.001	0.04	6.35	2.4	2.2	0.3	17.5	<0.01	0.11
DD008707		0.32	17.8	950	36.2	5.3	<0.001	0.10	15.90	1.7	2.2	0.3	29.8	<0.01	0.06
DD008708		0.32	29.5	1140	26.7	6.4	0.001	0.08	8.07	1.6	1.9	0.4	30.5	<0.01	0.04
DD008709		0.33	16.1	790	26.0	5.4	<0.001	0.11	18.15	1.9	1.5	0.3	37.0	<0.01	0.09
DD008710		0.28	20.0	760	16.6	4.6	<0.001	0.05	6.45	0.9	1.6	0.3	16.5	<0.01	0.12
DD008711		0.30	24.8	660	40.9	3.6	<0.001	0.06	9.48	1.8	1.8	0.3	24.0	<0.01	0.10
DD008712		0.17	23.9	620	16.7	2.7	<0.001	0.06	6.87	1.5	2.2	0.2	23.7	<0.01	0.13
DD008713		0.14	23.5	910	26.1	4.4	<0.001	0.09	6.14	1.3	2.2	0.3	36.7	<0.01	0.15
DD008714		0.18	57.7	670	18.7	4.2	<0.001	0.06	7.18	2.3	1.7	0.2	26.1	<0.01	0.11
DD008715		0.33	32.9	780	18.5	4.6	<0.001	0.05	6.75	2.9	1.7	0.3	27.9	<0.01	0.11
DD008716		0.22	39.5	680	16.7	4.8	<0.001	0.09	4.46	0.9	1.2	0.4	17.4	<0.01	0.08
DD008717		0.25	48.6	770	17.8	4.6	<0.001	0.05	5.67	1.4	1.4	0.3	13.9	<0.01	0.09
DD008718		0.18	25.1	690	19.6	3.3	<0.001	0.09	8.07	1.7	2.2	0.2	30.3	<0.01	0.15
DD008719		0.05	41.7	1320	44.8	2.5	0.001	0.08	11.45	3.1	4.2	0.2	24.8	<0.01	0.23
DD008720		0.18	33.7	840	24.1	4.4	<0.001	0.08	3.81	1.9	1.9	0.2	20.3	<0.01	0.11



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
DD008681		0.011	0.04	1.31	19	0.10	4.59	84	1.9
DD008682		0.009	0.03	1.33	15	0.09	3.99	103	0.8
DD008683		0.008	0.04	1.25	21	0.13	2.61	49	1.1
DD008684		0.010	0.04	1.72	25	0.11	4.30	96	0.9
DD008685		0.010	0.05	1.66	20	0.13	4.84	89	2.0
DD008686		0.029	0.06	0.70	34	0.19	2.82	47	<0.5
DD008687		0.014	0.06	1.02	37	0.12	1.48	49	<0.5
DD008688		0.015	0.05	0.56	48	0.14	0.98	30	<0.5
DD008689		0.022	0.07	0.63	46	0.19	1.44	35	<0.5
DD008690		0.008	0.02	1.23	21	0.05	1.78	54	0.6
DD008691		0.015	0.06	1.05	29	0.10	1.88	42	<0.5
DD008692		0.026	0.07	0.92	33	0.16	2.21	44	<0.5
DD008693		0.019	0.05	1.06	25	0.10	2.30	43	0.6
DD008694		0.014	0.05	1.01	27	0.10	1.44	32	<0.5
DD008695		0.028	0.10	1.05	31	0.17	3.23	70	<0.5
DD008696		0.015	0.04	1.13	16	0.10	3.82	74	<0.5
DD008697		0.011	0.07	1.46	25	0.11	3.06	48	1.0
DD008698		0.010	0.04	1.47	22	0.10	2.58	55	1.3
DD008699		0.010	0.04	1.60	19	0.11	2.99	67	0.8
DD008700		0.038	0.08	1.09	35	0.29	4.86	68	1.2
DD008701		0.024	0.07	1.17	35	0.24	3.69	60	0.6
DD008702		0.016	0.06	1.14	28	0.22	3.91	64	0.6
DD008703		0.024	0.07	0.75	39	0.26	1.75	45	<0.5
DD008704		0.018	0.07	1.00	32	0.30	2.56	59	<0.5
DD008705		0.026	0.09	1.14	39	0.25	3.67	53	0.5
DD008706		0.020	0.05	1.22	32	0.25	3.65	55	0.6
DD008707		0.018	0.10	1.39	33	0.62	4.94	52	<0.5
DD008708		0.024	0.11	1.62	36	0.40	8.09	79	<0.5
DD008709		0.023	0.09	1.18	27	0.43	3.88	50	0.5
DD008710		0.023	0.08	1.13	37	0.28	2.97	54	<0.5
DD008711		0.021	0.04	1.02	31	0.27	3.42	59	0.6
DD008712		0.013	0.04	0.99	23	0.17	2.85	55	0.7
DD008713		0.016	0.06	1.07	30	0.24	2.72	57	0.5
DD008714		0.015	0.05	1.42	21	0.15	5.25	101	1.0
DD008715		0.022	0.05	1.40	33	0.18	5.88	69	0.6
DD008716		0.023	0.06	1.11	32	0.19	4.15	75	<0.5
DD008717		0.022	0.07	1.14	29	0.21	4.22	96	<0.5
DD008718		0.013	0.05	1.23	25	0.21	2.78	53	0.8
DD008719		0.007	0.02	0.89	29	0.13	2.56	110	0.9
DD008720		0.010	0.04	0.99	23	0.16	4.11	68	2.2



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- TL43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD008721		0.14	0.005	0.39	1.02	95.9	<0.2	<10	150	0.40	0.29	0.15	0.11	25.5	8.5	18
DD008722		0.16	0.003	0.36	0.80	54.1	<0.2	<10	80	0.31	0.31	0.12	0.10	29.1	5.3	13
DD008723		0.18	0.005	0.28	0.91	82.4	<0.2	<10	110	0.30	0.24	0.10	0.21	33.8	11.1	19
DD008724		0.20	0.003	0.25	0.98	30.0	<0.2	<10	140	0.28	0.26	0.10	0.34	32.5	14.2	16
DD008725		0.18	0.003	0.30	1.16	46.5	<0.2	<10	110	0.38	0.21	0.08	0.23	31.4	15.8	17
DD008726		0.10	0.017	0.47	1.16	177.0	<0.2	<10	150	0.34	0.28	0.23	0.21	20.7	10.2	18
DD008727		0.16	0.004	0.33	1.00	36.3	<0.2	<10	140	0.43	0.29	0.14	0.21	27.9	13.3	17
DD008728		0.20	0.004	0.27	0.82	50.1	<0.2	<10	120	0.32	0.30	0.07	0.18	33.6	10.1	12
DD008729		0.12	0.006	0.28	0.96	67.6	<0.2	<10	110	0.32	0.32	0.10	0.13	30.6	16.3	14
DD008730		0.16	0.005	0.31	0.95	40.9	<0.2	<10	130	0.35	0.29	0.37	0.29	22.8	11.8	16
DD008731		0.16	0.005	0.19	0.90	60.4	<0.2	<10	90	0.34	0.31	0.20	0.11	27.1	12.2	16
DD008732		0.16	0.003	0.15	0.85	14.2	<0.2	<10	70	0.34	0.39	0.28	0.16	26.7	17.5	12
DD008733		0.18	0.002	0.17	0.65	22.7	<0.2	<10	30	0.32	0.54	3.88	0.25	24.6	26.6	8
DD008734		0.16	0.002	0.06	0.39	3.1	<0.2	<10	30	0.16	0.34	0.39	0.05	30.2	18.6	5
DD008735		0.20	0.002	0.16	1.86	13.5	<0.2	<10	60	0.49	0.43	0.03	0.06	35.7	14.6	24
DD008736		0.16	0.003	0.27	1.33	29.3	<0.2	<10	70	0.36	0.42	0.42	0.23	51.7	21.5	17
DD008737		0.22	0.003	0.25	1.09	68.6	<0.2	<10	110	0.39	0.31	0.37	0.26	38.4	13.7	17
DD008738		0.14	0.004	0.26	0.93	84.5	<0.2	<10	90	0.30	0.32	0.36	0.24	41.7	16.2	15
DD008739		0.18	0.003	0.22	1.11	36.8	<0.2	<10	130	0.30	0.27	0.12	0.10	35.4	9.9	19
DD008740		0.12	0.004	0.12	1.03	45.3	<0.2	<10	160	0.26	0.29	0.09	0.12	19.50	6.1	17
DD008741		0.10	0.003	0.18	1.24	65.8	<0.2	<10	170	0.39	0.28	0.23	0.15	19.20	9.9	18
DD008742		0.14	0.022	0.11	0.94	117.5	<0.2	<10	90	0.25	0.20	0.10	0.12	20.6	5.2	15
DD008743		0.16	0.009	0.13	1.10	68.1	<0.2	<10	110	0.36	0.21	0.18	0.18	25.4	7.7	20
DD008744		0.18	0.008	0.36	0.91	609	<0.2	<10	90	0.37	0.49	0.26	1.03	21.4	24.2	13
DD008745		0.18	0.004	0.12	1.10	38.7	<0.2	<10	110	0.32	0.26	0.13	0.15	28.6	9.4	18
DD008746		0.16	0.005	0.15	1.19	30.3	<0.2	<10	130	0.40	0.29	0.43	0.36	33.4	13.6	20
DD008747		0.18	0.013	0.45	1.11	208	<0.2	<10	120	0.43	0.34	0.48	0.19	29.9	13.6	17
DD008748		0.18	0.003	0.22	1.43	39.2	<0.2	<10	70	0.38	0.38	0.31	0.09	48.9	14.5	21
DD008749		0.16	0.002	0.14	1.52	17.9	<0.2	<10	90	0.46	0.32	0.18	0.16	32.3	13.4	23
DD008750		0.20	0.001	0.06	1.95	15.3	<0.2	<10	70	0.43	0.43	0.07	0.07	42.0	26.9	22
DD008751		0.16	0.006	0.75	0.85	85.9	<0.2	<10	120	0.29	0.32	0.05	0.17	17.10	3.6	24
DD008752		0.18	0.009	1.30	1.03	233	<0.2	<10	130	0.36	0.40	0.09	0.23	18.35	6.2	23
DD008753		0.14	0.011	0.60	0.85	248	<0.2	<10	110	0.34	0.39	0.07	0.18	13.45	4.8	24
DD008754		0.18	0.006	0.51	0.92	169.0	<0.2	<10	110	0.35	0.30	0.08	0.27	19.65	5.3	23
DD008755		0.12	0.029	4.34	1.05	779	<0.2	<10	210	0.41	0.42	0.06	0.22	18.95	4.9	21
DD008756		0.18	0.010	3.59	0.56	1405	<0.2	<10	170	0.29	0.30	0.05	0.21	18.20	3.8	18
DD008757		0.18	0.013	1.79	0.60	641	<0.2	<10	130	0.25	0.23	0.06	0.21	18.30	3.8	16
DD008758		0.16	0.014	1.66	0.93	440	<0.2	<10	190	0.29	0.37	0.08	0.23	20.2	5.1	23
DD008759		0.10	0.005	0.58	0.89	75.0	<0.2	<10	100	0.36	0.38	0.06	0.19	16.90	5.9	21
DD008760		0.16	0.013	0.87	0.72	186.0	<0.2	<10	110	0.31	0.31	0.10	0.30	20.0	9.1	19



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
DD008721		1.30	32.0	2.77	3.32	0.10	0.06	0.05	0.036	0.03	11.0	13.8	0.20	142	1.41
DD008722		1.26	32.3	2.56	2.42	0.11	0.03	0.03	0.020	0.03	12.5	14.6	0.15	143	1.37
DD008723		1.03	32.6	2.95	2.94	0.12	<0.02	0.03	0.019	0.04	15.3	13.0	0.24	435	1.29
DD008724		0.91	31.5	2.67	2.92	0.12	0.02	0.05	0.016	0.04	14.9	16.5	0.22	535	1.15
DD008725		0.99	33.9	2.69	3.41	0.09	0.03	0.03	0.021	0.03	13.1	20.4	0.26	314	1.11
DD008726		1.21	25.6	2.72	3.73	0.10	0.02	0.05	0.024	0.04	9.0	14.4	0.26	522	1.35
DD008727		1.00	36.5	2.51	3.07	0.11	0.06	0.04	0.025	0.03	11.5	17.8	0.22	369	1.17
DD008728		1.05	29.9	2.57	2.55	0.10	<0.02	0.04	0.021	0.03	16.2	15.6	0.18	464	1.03
DD008729		0.87	34.8	3.03	2.82	0.09	0.03	0.04	0.021	0.04	13.0	16.5	0.26	869	1.43
DD008730		0.82	37.8	2.82	2.68	0.10	0.09	0.04	0.022	0.04	10.2	15.8	0.24	652	1.27
DD008731		0.75	34.6	3.30	2.63	0.11	0.04	0.03	0.019	0.03	11.7	16.8	0.26	458	1.40
DD008732		0.56	45.3	3.59	2.26	0.11	0.07	0.04	0.021	0.04	11.7	19.5	0.28	655	1.16
DD008733		0.55	79.3	3.80	1.55	0.10	0.18	0.03	0.017	0.06	10.9	15.2	0.44	688	1.70
DD008734		0.48	34.0	2.49	1.27	0.10	0.14	0.02	0.011	0.08	12.1	8.1	0.16	770	0.52
DD008735		1.06	48.8	4.29	5.40	0.11	0.07	0.03	0.021	0.06	16.2	48.7	0.52	522	1.04
DD008736		0.76	63.6	4.18	3.83	0.13	0.12	0.02	0.016	0.06	22.6	34.4	0.47	806	1.40
DD008737		0.70	44.2	3.20	3.16	0.12	0.05	0.04	0.017	0.05	18.3	21.3	0.31	723	1.18
DD008738		0.63	46.4	3.87	2.83	0.12	0.07	0.03	0.020	0.04	19.3	17.4	0.27	445	1.66
DD008739		0.88	29.0	2.73	3.30	0.10	0.02	0.04	0.019	0.04	16.4	18.9	0.31	353	1.05
DD008740		1.25	20.7	2.19	4.35	0.09	<0.02	0.03	0.022	0.04	8.5	10.3	0.18	356	1.29
DD008741		1.10	28.3	2.73	3.85	0.10	0.03	0.03	0.022	0.04	8.2	18.0	0.26	349	1.09
DD008742		0.98	16.2	2.31	2.94	0.08	<0.02	0.02	0.018	0.03	9.0	12.8	0.23	223	1.11
DD008743		1.10	25.3	2.49	3.75	0.10	<0.02	0.02	0.020	0.03	10.5	14.6	0.31	290	0.96
DD008744		0.87	81.0	4.56	2.53	0.10	0.03	0.03	0.031	0.02	10.0	20.1	0.31	1120	1.87
DD008745		0.88	24.9	2.69	3.43	0.10	0.03	0.03	0.017	0.04	13.0	19.3	0.30	302	1.00
DD008746		0.88	38.2	2.76	3.78	0.11	0.04	0.03	0.019	0.05	14.4	20.4	0.36	541	1.08
DD008747		0.74	54.0	3.33	3.30	0.13	0.09	0.04	0.019	0.05	13.8	22.4	0.33	611	1.05
DD008748		0.74	47.5	3.49	4.22	0.12	0.09	0.03	0.020	0.05	22.5	38.6	0.49	359	1.02
DD008749		0.97	31.7	3.53	4.65	0.08	0.03	0.04	0.021	0.05	14.6	32.5	0.38	473	1.29
DD008750		0.85	54.0	4.34	5.64	0.10	0.05	0.02	0.015	0.05	20.2	66.9	0.71	955	0.72
DD008751		1.48	38.1	2.78	3.27	0.08	<0.02	0.09	0.026	0.03	8.2	7.1	0.13	175	3.69
DD008752		2.02	47.3	3.23	3.69	0.08	0.02	0.10	0.035	0.03	8.7	12.0	0.18	337	2.65
DD008753		2.06	45.1	3.13	3.80	0.07	<0.02	0.08	0.030	0.03	6.5	9.1	0.13	246	3.46
DD008754		2.41	39.9	2.60	3.34	0.07	<0.02	0.08	0.025	0.03	9.4	9.0	0.17	204	2.61
DD008755		3.81	40.8	2.87	3.64	0.05	0.03	0.23	0.040	0.06	9.8	12.4	0.15	203	3.05
DD008756		3.21	28.0	2.32	2.30	0.05	0.02	0.14	0.038	0.06	9.5	5.4	0.09	134	3.00
DD008757		2.28	23.6	1.92	2.19	<0.05	0.02	0.10	0.029	0.04	9.3	6.4	0.11	158	2.19
DD008758		4.33	33.5	2.64	3.11	0.05	0.03	0.07	0.033	0.04	10.8	10.8	0.14	206	2.76
DD008759		2.30	41.5	2.82	2.87	0.06	0.03	0.07	0.032	0.03	8.8	8.3	0.12	226	2.39
DD008760		1.82	36.4	2.83	2.40	0.06	0.02	0.05	0.026	0.03	10.4	9.9	0.15	439	2.26



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
DD008721		0.33	29.3	710	18.3	5.4	<0.001	0.03	3.67	2.7	1.5	0.3	16.9	<0.01	0.08
DD008722		0.12	20.3	490	24.8	4.0	0.001	0.03	2.57	1.9	0.9	0.2	13.2	<0.01	0.06
DD008723		0.28	33.8	630	19.8	4.0	<0.001	0.02	3.59	2.5	0.8	0.2	13.6	<0.01	0.06
DD008724		0.33	31.1	500	17.2	5.3	<0.001	0.01	2.01	2.6	0.9	0.2	11.3	<0.01	0.04
DD008725		0.42	34.8	590	15.4	5.1	<0.001	0.02	2.29	2.6	0.7	0.3	10.6	<0.01	0.07
DD008726		0.27	23.2	750	16.9	7.5	<0.001	0.05	3.41	1.4	0.6	0.3	26.3	<0.01	0.07
DD008727		0.31	36.7	630	18.2	4.7	<0.001	0.03	2.48	2.7	1.1	0.2	14.1	<0.01	0.08
DD008728		0.20	25.5	450	18.8	4.2	<0.001	0.01	2.16	2.1	0.7	0.2	8.4	<0.01	0.04
DD008729		0.25	30.5	530	22.7	4.7	<0.001	0.03	3.16	2.0	1.0	0.2	11.3	<0.01	0.06
DD008730		0.20	32.4	740	19.4	4.1	<0.001	0.04	2.27	2.4	1.4	<0.2	36.8	<0.01	0.04
DD008731		0.20	28.2	500	19.9	4.8	<0.001	0.03	2.73	2.1	0.3	0.2	21.0	<0.01	0.08
DD008732		0.08	35.0	390	24.0	3.5	<0.001	0.03	2.20	2.2	0.7	<0.2	17.0	<0.01	0.05
DD008733		<0.05	45.8	700	28.1	2.2	<0.001	0.11	3.81	2.5	1.3	<0.2	41.4	<0.01	0.11
DD008734		<0.05	25.4	230	30.0	4.5	<0.001	0.03	0.23	1.1	0.6	<0.2	27.8	<0.01	0.06
DD008735		0.13	34.6	450	34.2	9.7	<0.001	0.03	1.07	1.7	0.7	0.2	7.9	<0.01	0.09
DD008736		0.12	44.7	720	31.0	4.8	0.001	0.04	2.16	2.6	0.8	<0.2	46.4	<0.01	0.09
DD008737		0.27	36.0	700	20.0	4.9	<0.001	0.02	1.93	3.5	0.9	0.2	52.5	<0.01	0.07
DD008738		0.24	37.9	720	22.2	4.5	<0.001	0.03	2.67	3.1	0.7	<0.2	42.1	<0.01	0.06
DD008739		0.31	28.3	610	17.0	6.4	<0.001	0.02	1.84	2.3	0.7	0.2	12.1	<0.01	0.05
DD008740		0.16	17.9	870	12.6	9.0	<0.001	0.05	1.66	0.5	0.6	0.4	10.9	<0.01	0.04
DD008741		0.29	27.3	890	17.0	8.8	<0.001	0.05	1.95	1.6	1.1	0.3	17.5	<0.01	0.08
DD008742		0.27	17.0	520	11.4	5.2	<0.001	0.02	2.69	1.0	0.7	0.2	10.6	<0.01	0.03
DD008743		0.34	25.7	530	12.8	5.7	<0.001	0.02	1.86	1.3	0.7	0.3	14.7	<0.01	0.06
DD008744		0.17	52.3	800	26.0	3.0	0.001	0.03	6.63	4.0	1.4	<0.2	21.9	<0.01	0.10
DD008745		0.34	27.5	550	14.5	7.4	<0.001	0.02	1.66	2.1	0.5	0.2	14.5	<0.01	0.06
DD008746		0.44	32.0	660	20.4	7.3	<0.001	0.04	1.60	2.5	1.2	0.3	48.8	<0.01	0.05
DD008747		0.29	36.5	790	28.6	5.4	<0.001	0.05	3.41	2.9	1.0	0.2	48.2	<0.01	0.08
DD008748		0.13	39.5	800	26.5	5.1	<0.001	0.02	1.74	2.7	0.7	<0.2	42.2	<0.01	0.06
DD008749		0.59	29.4	430	26.6	8.2	<0.001	0.02	1.05	2.0	0.6	0.3	21.3	<0.01	0.05
DD008750		0.13	48.1	340	34.5	4.8	<0.001	0.01	0.48	2.1	0.4	<0.2	9.9	<0.01	0.07
DD008751		0.24	18.4	870	17.0	3.4	<0.001	0.06	7.13	1.4	2.3	0.3	18.7	<0.01	0.12
DD008752		0.32	29.2	770	31.6	4.4	<0.001	0.05	8.19	2.3	2.2	0.3	23.7	<0.01	0.12
DD008753		0.23	25.8	770	21.5	4.6	<0.001	0.06	7.43	0.7	2.0	0.3	23.1	<0.01	0.14
DD008754		0.29	22.8	750	15.5	3.6	<0.001	0.05	8.36	1.4	1.7	0.3	22.0	<0.01	0.09
DD008755		0.29	20.4	1090	112.0	7.7	<0.001	0.19	27.1	2.0	2.5	0.4	43.4	<0.01	0.10
DD008756		0.21	16.0	820	69.7	5.8	<0.001	0.17	36.8	2.0	1.8	0.2	46.0	<0.01	0.07
DD008757		0.24	15.4	690	35.0	4.5	<0.001	0.09	25.2	2.0	1.3	0.2	30.7	<0.01	0.07
DD008758		0.20	24.9	1070	31.1	6.0	<0.001	0.10	14.20	1.7	1.6	0.3	34.0	<0.01	0.08
DD008759		0.21	27.3	830	22.5	3.7	<0.001	0.05	6.15	2.3	1.4	0.2	29.4	<0.01	0.09
DD008760		0.25	32.1	700	27.8	3.9	<0.001	0.05	7.68	2.6	1.2	0.2	19.5	<0.01	0.08



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
DD008721		0.017	0.05	0.90	24	0.17	5.95	56	1.8
DD008722		0.010	0.03	0.84	15	0.10	4.01	62	0.9
DD008723		0.022	0.10	0.93	22	0.16	5.44	72	0.5
DD008724		0.020	0.05	0.89	20	0.14	5.77	78	0.7
DD008725		0.025	0.06	0.99	26	0.23	5.56	77	0.9
DD008726		0.023	0.08	0.97	30	0.24	5.01	91	<0.5
DD008727		0.018	0.05	1.05	22	0.16	7.49	75	1.9
DD008728		0.014	0.04	0.92	16	0.13	4.77	69	0.5
DD008729		0.017	0.04	0.73	19	0.13	3.81	76	1.2
DD008730		0.014	0.04	0.83	17	0.11	8.22	75	2.4
DD008731		0.015	0.04	0.73	16	0.13	5.62	77	1.4
DD008732		0.009	0.04	0.85	9	0.07	8.11	81	1.9
DD008733		0.007	0.02	0.61	7	0.06	10.40	104	10.9
DD008734		0.007	0.03	0.57	2	<0.05	5.79	45	6.5
DD008735		0.011	0.08	1.60	16	0.06	5.67	78	2.0
DD008736		0.012	0.03	1.13	12	0.07	10.55	105	5.0
DD008737		0.021	0.05	0.70	20	0.11	11.60	77	2.2
DD008738		0.016	0.04	0.77	16	0.12	11.20	87	3.3
DD008739		0.019	0.07	0.71	21	0.14	4.68	69	0.9
DD008740		0.016	0.10	0.75	30	0.20	3.86	50	<0.5
DD008741		0.018	0.11	0.90	27	0.18	5.09	71	0.7
DD008742		0.020	0.06	0.50	24	0.17	2.54	56	<0.5
DD008743		0.026	0.07	0.66	30	2.17	3.52	68	<0.5
DD008744		0.016	0.04	1.71	15	0.09	13.75	142	1.0
DD008745		0.020	0.07	0.66	22	0.13	3.71	74	1.0
DD008746		0.023	0.08	0.87	26	0.15	7.52	74	1.3
DD008747		0.017	0.04	1.13	18	0.11	11.35	81	3.0
DD008748		0.011	0.04	0.86	13	0.10	11.55	89	3.4
DD008749		0.019	0.09	0.71	30	0.19	4.19	72	0.9
DD008750		0.006	0.03	1.36	15	<0.05	4.58	107	3.0
DD008751		0.011	0.05	1.04	31	0.26	3.47	46	<0.5
DD008752		0.013	0.05	1.20	35	0.28	4.02	62	0.5
DD008753		0.011	0.07	0.92	36	0.26	2.37	59	<0.5
DD008754		0.016	0.06	1.18	33	0.35	3.95	52	<0.5
DD008755		0.011	0.11	1.63	30	0.44	4.19	51	0.7
DD008756		0.009	0.10	1.26	20	0.38	2.79	41	0.6
DD008757		0.012	0.07	1.10	21	0.34	3.33	40	0.5
DD008758		0.008	0.08	1.38	25	0.31	5.31	57	0.7
DD008759		0.009	0.05	1.41	26	0.23	4.61	69	0.7
DD008760		0.011	0.06	1.38	21	0.23	6.04	75	0.7



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CERTIFICATE OF ANALYSIS WH11176162

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- TL43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD008761		0.16	0.005	0.34	0.82	59.4	<0.2	<10	90	0.31	0.24	0.09	0.30	19.10	9.0	17
DD008762		0.18	0.004	0.41	0.68	39.3	<0.2	<10	70	0.31	0.29	0.09	0.34	19.20	9.4	17
DD008763		0.18	0.005	0.48	0.72	46.7	<0.2	<10	70	0.29	0.26	0.07	0.26	15.95	7.4	19
DD008764		0.12	0.015	2.26	0.76	641	<0.2	<10	170	0.25	0.37	0.07	0.18	18.75	4.4	24
DD008765		0.16	0.013	0.90	1.06	346	<0.2	<10	160	0.34	0.37	0.05	0.23	22.1	5.1	25
DD008766		0.12	0.013	6.13	0.58	1635	<0.2	<10	200	0.22	0.26	0.05	0.19	17.35	2.8	12
DD008767		0.18	0.134	1.06	0.86	854	0.3	<10	70	0.32	0.17	0.11	0.34	19.75	7.8	16
DD008768		0.18	0.038	1.77	0.83	427	<0.2	<10	100	0.24	0.22	0.07	0.20	18.70	4.5	16
DD008769		0.18	0.007	1.06	0.63	512	<0.2	<10	90	0.23	0.19	0.10	0.23	19.60	3.8	13
DD008770		0.18	0.014	7.86	0.45	1650	<0.2	<10	170	0.26	0.25	0.04	0.15	17.55	2.8	10
DD008771		0.18	0.004	1.17	0.79	483	<0.2	<10	150	0.28	0.32	0.07	0.20	22.4	4.0	16
DD008772		0.16	0.006	1.93	0.49	604	<0.2	<10	90	0.21	0.28	0.04	0.15	16.25	3.7	11
DD008773		0.14	0.014	1.93	0.86	311	<0.2	<10	100	0.33	0.29	0.06	0.32	19.40	7.3	17
DD008774		0.16	0.004	0.36	0.65	55.0	<0.2	<10	70	0.32	0.26	0.11	0.36	20.0	8.7	13
DD008775		0.16	0.010	0.36	0.68	63.8	<0.2	<10	70	0.27	0.26	0.09	0.27	20.6	10.1	12
DD008776		0.12	0.007	0.28	0.65	34.1	<0.2	<10	50	0.24	0.25	0.04	0.17	13.00	7.2	13
DD008777		0.14	0.006	0.33	0.55	85.2	<0.2	<10	60	0.27	0.21	0.10	0.34	14.75	12.9	12
DD008778		0.18	0.006	0.29	0.90	29.9	<0.2	<10	80	0.32	0.26	0.09	0.30	21.0	9.2	16
DD008779		0.18	0.004	0.23	0.56	31.0	<0.2	<10	70	0.23	0.22	0.16	0.33	20.7	9.8	11
DD008780		0.14	0.005	0.69	0.80	86.3	<0.2	<10	90	0.36	0.30	0.07	0.30	18.20	7.5	17
DD008781		0.18	0.005	2.12	0.56	701	<0.2	<10	110	0.22	0.28	0.05	0.18	17.65	4.0	12
DD008782		0.18	0.003	0.99	0.65	330	<0.2	<10	110	0.25	0.28	0.06	0.21	20.1	4.2	15
DD008783		0.16	0.008	0.30	0.83	45.9	<0.2	<10	80	0.31	0.19	0.08	0.38	22.3	6.0	16
DD008784		0.16	0.007	2.18	0.79	1435	<0.2	<10	220	0.35	0.37	0.08	0.32	23.7	5.2	18
DD008785		0.14	0.008	0.22	1.05	32.6	<0.2	<10	70	0.31	0.19	0.08	0.25	21.7	5.9	20
DD008786		0.20	0.018	1.10	0.80	202	<0.2	<10	120	0.32	0.26	0.06	0.27	19.80	5.5	15
DD008787		0.16	0.012	4.05	0.71	598	<0.2	<10	120	0.30	0.29	0.07	0.25	17.40	5.2	15
DD008788		0.16	0.006	1.07	0.72	184.5	<0.2	<10	80	0.29	0.30	0.07	0.24	18.00	5.4	16
DD008789		0.14	0.003	0.55	0.87	57.6	<0.2	<10	90	0.39	0.30	0.10	0.38	21.7	9.1	17
DD008790		0.16	0.008	0.65	0.43	200	<0.2	<10	70	0.24	0.20	0.09	0.24	17.20	5.8	10
DD008791		0.10	0.006	0.59	1.13	55.1	<0.2	<10	150	0.44	0.41	0.11	0.32	18.30	10.3	25
DD008792		0.14	0.005	0.32	0.65	47.2	<0.2	<10	60	0.27	0.22	0.11	0.27	18.20	9.1	14
DD008793		0.18	0.005	0.39	0.88	46.1	<0.2	<10	100	0.36	0.28	0.10	0.31	21.4	10.0	18
DD008794		0.14	0.005	0.33	0.84	33.7	<0.2	<10	80	0.39	0.21	0.13	0.35	25.6	8.8	17
DD008795		0.18	0.007	0.17	0.61	48.4	<0.2	<10	50	0.29	0.27	0.08	0.25	15.60	10.7	13
DD008796		0.16	0.004	0.62	0.77	71.8	<0.2	<10	90	0.37	0.33	0.10	0.33	16.35	9.5	17
DD008797		0.18	0.002	0.50	0.67	48.9	<0.2	<10	70	0.28	0.34	0.09	0.19	17.25	4.1	15
DD008798		0.16	0.008	2.11	0.51	541	<0.2	<10	110	0.26	0.26	0.05	0.18	16.65	3.4	14
DD008799		0.16	0.005	2.30	0.47	659	<0.2	<10	100	0.31	0.26	0.06	0.25	15.50	5.3	11
DD008800		0.12	0.004	0.33	1.00	34.3	<0.2	<10	80	0.31	0.26	0.08	0.29	23.6	6.4	19



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
DD008761		1.25	31.2	2.55	2.52	0.05	0.02	0.05	0.023	0.03	9.7	10.3	0.17	349	1.57
DD008762		1.21	35.2	2.58	2.11	0.07	0.03	0.05	0.023	0.02	9.9	8.8	0.12	357	2.03
DD008763		1.40	34.2	2.51	2.31	0.06	0.02	0.06	0.024	0.02	8.2	8.2	0.14	274	1.76
DD008764		4.31	35.5	2.48	2.63	0.05	0.04	0.09	0.032	0.05	9.8	7.6	0.10	200	3.29
DD008765		4.24	34.0	2.71	3.56	0.05	0.02	0.08	0.032	0.04	11.8	10.7	0.16	186	2.95
DD008766		3.44	23.8	1.98	2.15	<0.05	0.02	0.16	0.036	0.05	8.8	5.4	0.09	114	2.09
DD008767		1.28	55.9	2.96	2.47	0.06	0.03	0.06	0.039	0.03	10.0	8.6	0.18	312	1.64
DD008768		1.84	20.9	2.13	2.76	<0.05	0.02	0.09	0.023	0.04	9.9	9.5	0.17	196	1.56
DD008769		1.65	21.2	1.88	2.18	0.05	0.02	0.09	0.021	0.03	10.1	7.2	0.14	133	1.50
DD008770		3.59	25.6	1.87	1.83	<0.05	<0.02	0.18	0.038	0.06	8.8	4.4	0.07	84	2.10
DD008771		4.20	32.3	2.49	2.70	0.06	<0.02	0.07	0.026	0.05	11.8	8.5	0.13	166	2.02
DD008772		2.91	35.7	2.13	1.74	0.05	0.02	0.06	0.023	0.04	8.7	5.6	0.07	148	1.85
DD008773		2.24	40.0	2.66	2.89	0.05	<0.02	0.09	0.030	0.04	10.2	8.0	0.15	313	1.89
DD008774		1.14	37.6	2.45	2.02	0.08	0.03	0.38	0.022	0.02	10.7	7.9	0.13	290	1.39
DD008775		0.99	35.4	2.56	2.10	0.07	0.02	0.04	0.019	0.02	10.8	10.2	0.15	420	1.39
DD008776		1.03	27.7	2.12	2.34	0.05	<0.02	0.05	0.019	0.02	6.6	6.1	0.10	275	1.47
DD008777		0.87	31.2	2.44	1.79	0.06	0.03	0.05	0.019	0.02	7.5	7.5	0.12	445	1.38
DD008778		1.31	31.5	2.57	2.78	0.06	0.02	0.07	0.022	0.03	10.9	11.1	0.20	361	1.51
DD008779		0.65	32.2	2.41	1.73	0.07	0.06	0.03	0.017	0.02	10.9	8.9	0.15	436	1.30
DD008780		2.02	44.7	2.88	2.67	0.07	0.02	0.08	0.031	0.03	9.4	7.4	0.13	279	1.95
DD008781		3.29	40.5	2.38	1.89	0.07	<0.02	0.07	0.027	0.04	9.4	6.7	0.09	184	1.99
DD008782		3.23	31.8	2.31	2.27	0.07	<0.02	0.07	0.025	0.04	10.4	6.2	0.10	169	1.95
DD008783		1.59	34.1	2.22	2.69	0.06	0.02	0.04	0.021	0.03	11.8	9.9	0.18	210	1.63
DD008784		3.95	34.6	2.88	3.02	0.06	0.02	0.15	0.042	0.06	12.5	8.2	0.15	209	3.02
DD008785		1.46	25.7	2.28	3.39	<0.05	0.02	0.05	0.019	0.03	11.1	11.0	0.23	249	1.44
DD008786		2.81	32.8	2.39	2.48	0.06	0.02	0.08	0.024	0.04	10.3	9.3	0.14	226	1.83
DD008787		2.80	52.0	2.65	2.33	0.06	0.03	0.09	0.029	0.05	9.4	9.8	0.13	188	2.07
DD008788		1.87	39.6	2.52	2.53	0.06	0.02	0.09	0.029	0.03	9.7	7.1	0.13	233	1.84
DD008789		1.93	41.9	2.80	2.63	0.08	0.02	0.06	0.028	0.03	11.3	9.9	0.15	321	1.79
DD008790		1.01	27.2	2.14	1.52	0.05	<0.02	0.02	0.020	0.02	9.2	4.9	0.08	228	1.22
DD008791		1.86	44.8	3.22	3.53	0.12	0.02	0.11	0.032	0.04	8.7	10.8	0.19	422	2.16
DD008792		0.86	37.2	2.47	1.95	0.11	0.03	0.06	0.017	0.02	8.4	7.7	0.13	296	1.47
DD008793		1.39	39.6	2.75	2.94	0.11	0.02	0.08	0.026	0.03	9.5	10.7	0.17	341	1.83
DD008794		0.86	33.0	2.46	2.44	0.11	0.02	0.07	0.021	0.03	11.3	10.8	0.22	341	1.20
DD008795		0.46	41.7	2.81	1.63	0.11	0.03	0.02	0.023	0.02	7.0	9.6	0.12	470	1.37
DD008796		1.73	44.1	2.99	2.38	0.11	0.02	0.09	0.025	0.02	7.9	9.2	0.12	349	1.98
DD008797		1.54	39.2	2.69	2.28	0.12	0.05	0.07	0.025	0.02	8.2	6.9	0.11	172	1.69
DD008798		1.70	39.2	2.43	2.24	0.10	<0.02	0.19	0.031	0.05	8.4	4.8	0.09	157	1.70
DD008799		2.14	54.5	2.48	1.70	0.12	<0.02	0.05	0.028	0.04	7.7	8.5	0.10	233	1.81
DD008800		2.42	39.6	2.61	2.82	0.11	0.02	0.09	0.034	0.03	10.3	9.7	0.19	280	1.66



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
DD008761		0.33	33.0	750	16.5	4.1	<0.001	0.02	3.65	2.4	0.8	0.2	13.4	<0.01	0.05	1.8
DD008762		0.23	36.1	700	16.8	2.9	<0.001	0.02	3.59	2.4	1.0	0.2	17.3	<0.01	0.07	2.7
DD008763		0.22	30.0	750	16.3	3.1	<0.001	0.03	4.54	1.9	1.1	0.2	20.5	<0.01	0.07	1.6
DD008764		0.16	23.0	920	50.1	6.1	<0.001	0.13	22.0	1.7	1.9	0.3	35.8	<0.01	0.09	1.3
DD008765		0.24	23.5	1000	24.7	6.3	<0.001	0.11	13.15	1.5	1.7	0.3	34.8	<0.01	0.08	0.7
DD008766		0.18	9.9	720	111.5	5.4	0.001	0.14	39.3	1.7	1.6	0.2	38.9	<0.01	0.07	1.6
DD008767		0.49	27.6	910	11.7	4.3	<0.001	0.03	15.55	3.0	1.6	0.2	14.9	<0.01	0.06	3.7
DD008768		0.32	14.1	720	36.6	5.3	<0.001	0.08	12.05	1.5	1.0	0.3	22.9	<0.01	0.05	0.9
DD008769		0.37	12.6	740	33.8	3.8	<0.001	0.07	18.00	2.5	1.1	0.2	27.6	<0.01	0.05	3.8
DD008770		0.16	10.1	710	148.5	5.6	<0.001	0.15	70.9	1.9	1.7	0.2	50.3	<0.01	0.07	2.0
DD008771		0.22	15.1	1010	23.7	5.1	<0.001	0.14	16.45	2.2	1.8	0.2	38.5	<0.01	0.08	2.2
DD008772		0.13	16.4	680	41.2	3.7	<0.001	0.10	23.7	1.7	1.8	0.2	27.6	<0.01	0.07	2.2
DD008773		0.27	25.9	820	47.1	5.3	<0.001	0.08	21.0	2.3	1.4	0.2	26.3	<0.01	0.08	1.2
DD008774		0.30	34.8	760	14.3	2.4	<0.001	0.02	5.16	2.8	0.9	0.2	17.7	<0.01	0.06	5.2
DD008775		0.30	29.6	640	18.3	2.9	<0.001	0.02	3.85	2.6	0.9	0.2	13.6	<0.01	0.06	3.7
DD008776		0.16	24.0	660	14.1	3.7	<0.001	0.04	2.67	1.0	1.0	0.2	9.5	<0.01	0.06	0.2
DD008777		0.27	45.9	700	14.2	2.8	<0.001	0.01	4.36	2.3	0.8	0.2	11.7	<0.01	0.05	3.0
DD008778		0.36	29.8	750	16.5	4.5	<0.001	0.02	2.48	2.5	0.8	0.2	13.9	<0.01	0.05	1.8
DD008779		0.26	29.0	700	14.7	1.9	<0.001	0.01	2.85	2.6	0.8	<0.2	15.6	<0.01	0.05	6.1
DD008780		0.30	29.5	830	20.5	3.8	<0.001	0.05	8.57	3.0	1.3	0.2	29.4	<0.01	0.08	4.1
DD008781		0.16	18.7	770	40.8	4.4	0.001	0.12	21.8	2.1	1.8	0.2	33.5	<0.01	0.07	2.7
DD008782		0.24	15.8	880	17.2	3.9	<0.001	0.11	15.45	2.3	1.7	0.2	32.2	<0.01	0.06	3.5
DD008783		0.47	21.7	710	10.9	3.8	<0.001	0.03	5.92	2.7	1.1	0.2	17.8	<0.01	0.05	2.6
DD008784		0.32	18.3	1020	23.5	6.2	<0.001	0.16	26.1	2.9	2.2	0.2	51.4	<0.01	0.10	3.0
DD008785		0.35	18.8	710	8.9	5.4	<0.001	0.04	3.39	1.5	0.8	0.3	13.5	<0.01	0.06	0.6
DD008786		0.31	20.7	780	18.3	5.0	<0.001	0.10	17.10	2.1	1.5	0.2	28.1	<0.01	0.07	1.8
DD008787		0.22	28.0	760	74.8	5.1	<0.001	0.12	30.6	2.2	1.8	0.2	32.6	<0.01	0.08	2.1
DD008788		0.30	21.1	810	23.7	3.5	<0.001	0.06	9.40	2.9	1.4	0.2	27.0	<0.01	0.08	4.3
DD008789		0.33	39.1	800	19.6	3.5	<0.001	0.03	4.80	3.0	1.2	0.2	26.1	<0.01	0.08	3.5
DD008790		0.20	20.5	560	28.6	2.2	<0.001	0.04	8.84	2.1	0.9	<0.2	15.9	<0.01	0.05	4.5
DD008791		0.25	42.3	970	33.5	6.4	<0.001	0.05	3.02	1.7	1.3	0.3	21.3	<0.01	0.09	0.8
DD008792		0.25	38.4	680	16.1	2.9	<0.001	0.02	2.77	1.8	1.4	0.2	13.3	<0.01	0.04	2.6
DD008793		0.30	40.7	800	22.2	4.3	<0.001	0.03	3.06	1.9	1.8	0.3	17.7	<0.01	0.08	1.4
DD008794		0.43	31.8	710	14.1	3.8	<0.001	0.02	2.21	2.2	1.1	0.2	14.6	<0.01	0.03	2.8
DD008795		0.08	32.7	630	16.4	1.6	<0.001	0.01	3.14	1.8	1.1	<0.2	10.3	<0.01	0.07	4.2
DD008796		0.20	44.1	790	21.7	3.2	<0.001	0.03	4.05	2.2	1.8	0.2	23.0	<0.01	0.05	2.4
DD008797		0.15	19.0	860	22.7	2.1	<0.001	0.04	4.29	2.4	1.8	0.2	31.5	<0.01	0.14	6.8
DD008798		0.21	14.0	670	55.3	4.2	<0.001	0.13	23.1	2.1	2.6	0.2	32.2	<0.01	0.10	3.0
DD008799		0.13	27.6	690	44.1	3.7	0.001	0.10	17.70	1.7	2.1	0.2	31.8	<0.01	0.12	2.8
DD008800		0.33	23.9	930	15.0	4.2	<0.001	0.05	5.38	1.7	1.7	0.3	23.4	<0.01	0.06	1.4



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CERTIFICATE OF ANALYSIS WH11176162

Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
DD008761		0.017	0.04	1.15	24	0.18	5.30	75	0.5
DD008762		0.010	0.03	1.25	19	0.19	5.47	78	0.7
DD008763		0.012	0.04	1.10	23	0.21	3.41	73	<0.5
DD008764		0.006	0.08	1.26	22	0.29	3.94	51	1.1
DD008765		0.010	0.09	1.47	31	0.34	4.75	56	0.5
DD008766		0.008	0.10	1.18	19	0.27	2.53	33	0.7
DD008767		0.025	0.05	1.35	30	0.33	4.86	68	0.8
DD008768		0.018	0.07	0.97	28	0.33	3.00	43	<0.5
DD008769		0.018	0.05	1.05	22	1.10	4.35	39	0.6
DD008770		0.007	0.08	1.12	16	0.24	2.62	34	0.5
DD008771		0.011	0.06	1.30	25	0.27	4.05	47	<0.5
DD008772		0.005	0.05	1.01	15	0.21	2.75	49	0.8
DD008773		0.014	0.07	1.35	27	0.31	4.79	72	<0.5
DD008774		0.016	0.03	1.18	22	0.26	5.35	83	1.2
DD008775		0.014	0.04	1.26	19	0.17	5.63	69	0.8
DD008776		0.011	0.05	0.95	21	0.14	2.98	56	<0.5
DD008777		0.014	0.03	0.91	17	0.14	5.04	90	0.7
DD008778		0.020	0.05	1.17	26	0.20	4.89	72	<0.5
DD008779		0.018	0.03	1.11	18	0.14	5.67	72	3.4
DD008780		0.013	0.05	1.35	25	0.29	4.91	85	0.6
DD008781		0.005	0.05	1.13	17	0.24	3.28	56	<0.5
DD008782		0.011	0.05	1.25	22	0.31	3.90	46	<0.5
DD008783		0.026	0.05	1.22	29	0.29	5.26	57	0.5
DD008784		0.015	0.09	1.58	28	0.34	4.05	59	<0.5
DD008785		0.023	0.08	1.12	36	0.25	4.17	49	<0.5
DD008786		0.014	0.06	1.28	24	0.24	4.15	58	0.5
DD008787		0.008	0.06	1.29	22	0.24	3.81	73	1.0
DD008788		0.013	0.05	1.33	25	0.28	4.33	63	0.7
DD008789		0.015	0.04	1.39	26	0.22	5.15	87	0.5
DD008790		0.010	0.03	0.93	16	0.17	3.81	56	0.5
DD008791		0.022	0.08	1.44	32	0.26	5.85	83	0.5
DD008792		0.019	0.03	0.99	20	0.15	3.79	77	0.9
DD008793		0.022	0.06	1.16	27	0.24	4.29	84	0.6
DD008794		0.032	0.05	1.06	30	0.23	4.68	70	0.7
DD008795		0.011	0.02	0.94	13	0.13	3.11	68	2.0
DD008796		0.016	0.03	1.27	24	0.19	4.85	96	0.7
DD008797		0.015	0.03	1.16	24	0.14	2.94	61	3.2
DD008798		0.016	0.07	1.14	23	0.30	3.03	48	<0.5
DD008799		0.013	0.04	1.04	17	0.22	3.29	74	<0.5
DD008800		0.025	0.07	1.39	31	0.25	5.22	63	<0.5



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- TL43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD008801		0.16	0.001	0.67	0.80	56.0	<0.2	<10	90	0.27	0.37	0.06	0.13	22.4	3.2	19
DD008802		0.20	0.010	1.82	0.50	281	<0.2	<10	70	0.24	0.18	0.14	0.37	17.85	5.6	12
DD008803		0.14	0.026	1.14	0.81	266	<0.2	<10	80	0.37	0.29	0.05	0.22	15.95	4.3	18
DD008804		0.18	0.003	0.72	0.73	68.6	<0.2	<10	80	0.30	0.40	0.10	0.26	16.80	6.2	15
DD008805		0.18	0.002	0.52	0.70	67.7	<0.2	<10	90	0.31	0.29	0.08	0.25	17.40	8.1	15
DD008806		0.16	0.005	0.48	1.09	68.9	<0.2	<10	120	0.53	0.38	0.11	0.29	21.9	10.3	21
DD008807		0.16	0.004	0.37	0.76	35.1	<0.2	<10	50	0.25	0.30	0.05	0.25	14.60	7.7	17
DD008808		0.14	0.006	0.63	1.16	57.0	<0.2	<10	120	0.47	0.36	0.08	0.34	22.3	10.2	22
DD008809		0.16	0.006	0.31	0.75	55.3	<0.2	<10	80	0.31	0.24	0.11	0.33	22.5	7.6	16
DD008810		0.12	0.007	0.61	1.24	71.3	<0.2	<10	140	0.47	0.45	0.05	0.28	20.8	9.1	23
DD008811		0.16	0.004	0.33	0.76	42.6	<0.2	<10	80	0.36	0.27	0.11	0.31	26.5	9.3	17
DD008812		0.16	0.025	1.98	0.69	591	<0.2	<10	150	0.34	0.32	0.05	0.21	20.9	4.2	16
DD008813		0.14	0.013	0.71	0.70	155.0	<0.2	<10	90	0.34	0.23	0.11	0.29	16.35	10.1	16
DD008814		0.18	0.013	0.61	0.70	126.0	<0.2	<10	70	0.47	0.24	0.06	0.35	16.45	8.3	16
DD008815		0.16	0.021	2.86	0.38	994	<0.2	<10	160	0.22	0.25	0.04	0.18	17.15	2.5	16



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
DD008801		6.26	44.5	2.73	3.07	0.11	0.02	0.07	0.030	0.03	11.0	5.6	0.12	121	2.40
DD008802		0.97	43.9	2.23	1.79	0.08	0.05	0.04	0.020	0.03	9.3	7.9	0.15	234	1.33
DD008803		2.63	65.5	2.82	2.88	0.09	<0.02	0.10	0.039	0.04	8.3	5.5	0.12	197	2.00
DD008804		2.03	47.1	2.72	2.47	0.13	0.02	0.07	0.028	0.02	8.3	8.7	0.12	251	2.01
DD008805		1.70	45.5	2.72	2.19	0.12	0.02	0.07	0.025	0.02	8.5	8.4	0.12	309	1.71
DD008806		2.16	43.7	3.02	3.39	0.12	<0.02	0.06	0.023	0.04	10.4	12.1	0.22	430	1.86
DD008807		1.18	30.6	2.73	3.07	0.09	<0.02	0.05	0.022	0.03	7.0	7.1	0.13	337	1.65
DD008808		1.81	43.9	3.07	3.53	0.12	0.02	0.08	0.031	0.03	10.4	11.8	0.21	443	2.01
DD008809		1.09	34.2	2.39	2.39	0.13	0.02	0.05	0.022	0.03	10.2	8.2	0.16	303	1.52
DD008810		2.34	46.5	3.23	3.56	0.11	0.02	0.09	0.036	0.04	9.6	12.2	0.20	385	2.32
DD008811		1.20	38.2	2.59	2.65	0.13	<0.02	0.05	0.022	0.03	12.3	10.2	0.18	371	1.50
DD008812		2.85	33.1	2.66	2.76	0.11	0.02	0.05	0.029	0.05	10.1	6.4	0.12	171	1.85
DD008813		1.69	47.0	2.87	2.13	0.10	<0.02	0.07	0.025	0.03	7.9	8.2	0.14	424	1.76
DD008814		1.41	68.9	3.20	2.08	0.10	0.03	0.10	0.032	0.03	8.0	7.4	0.12	378	1.66
DD008815		1.52	31.4	2.41	2.38	0.10	<0.02	0.23	0.031	0.09	8.5	3.8	0.08	107	2.05



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
DD008801		0.24	13.1	1420	23.4	3.8	<0.001	0.10	10.95	2.2	2.5	0.3	37.8	<0.01	0.08	3.1
DD008802		0.29	25.6	660	42.1	3.1	<0.001	0.05	24.2	2.3	1.4	0.2	20.6	<0.01	0.05	4.4
DD008803		0.18	19.3	970	21.5	5.9	<0.001	0.07	14.30	1.1	1.8	0.3	34.0	<0.01	0.08	0.3
DD008804		0.19	27.8	840	22.5	2.7	<0.001	0.05	5.24	2.5	1.8	0.2	38.6	<0.01	0.11	5.4
DD008805		0.18	37.1	640	20.1	2.7	<0.001	0.03	4.23	2.3	1.8	0.2	22.9	<0.01	0.07	3.2
DD008806		0.30	33.2	940	25.3	4.9	<0.001	0.04	3.87	2.1	1.5	0.3	21.1	<0.01	0.11	1.3
DD008807		0.16	27.6	890	19.1	4.6	<0.001	0.04	2.08	0.8	0.9	0.3	10.5	<0.01	0.05	0.3
DD008808		0.29	38.8	970	24.9	5.8	<0.001	0.04	3.56	2.0	1.6	0.3	19.8	<0.01	0.09	1.1
DD008809		0.31	29.7	740	16.6	3.1	<0.001	0.02	4.15	2.0	1.3	0.2	16.0	<0.01	0.05	2.9
DD008810		0.27	34.9	930	26.2	5.8	0.001	0.05	4.24	1.8	1.2	0.3	24.0	<0.01	0.13	1.0
DD008811		0.32	32.2	760	18.5	3.4	<0.001	0.02	3.43	2.1	0.9	0.2	16.5	0.01	0.08	2.7
DD008812		0.24	17.3	830	48.7	5.4	0.001	0.13	13.80	2.0	2.2	0.3	23.6	<0.01	0.07	2.1
DD008813		0.25	48.7	790	21.6	3.7	<0.001	0.04	5.48	2.2	1.6	0.2	15.3	<0.01	0.05	2.4
DD008814		0.26	49.5	790	18.0	3.4	<0.001	0.05	5.60	2.0	2.4	0.2	19.2	<0.01	0.06	2.3
DD008815		0.17	9.8	600	54.5	6.2	0.001	0.27	20.8	2.4	2.6	0.2	51.8	<0.01	0.08	3.7



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	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	
0.005	0.02	0.05	1	0.05	0.05	2	0.5	
DD008801	0.011	0.05	1.24	28	0.21	3.11	42	<0.5
DD008802	0.021	0.04	1.01	22	0.30	4.63	72	3.0
DD008803	0.012	0.10	1.55	30	0.32	3.13	61	<0.5
DD008804	0.008	0.03	1.01	22	0.16	3.52	73	1.0
DD008805	0.014	0.03	1.16	21	0.16	4.01	78	0.6
DD008806	0.025	0.07	1.29	32	0.21	5.00	83	<0.5
DD008807	0.019	0.06	0.87	26	0.16	2.36	66	<0.5
DD008808	0.024	0.08	1.36	34	0.25	5.42	89	<0.5
DD008809	0.024	0.04	0.97	26	0.31	4.39	73	0.6
DD008810	0.022	0.07	1.34	35	0.26	4.41	80	0.5
DD008811	0.026	0.04	1.08	28	0.20	5.14	72	0.5
DD008812	0.018	0.09	1.11	26	0.23	3.51	54	0.5
DD008813	0.019	0.06	1.26	21	0.21	5.04	98	0.6
DD008814	0.020	0.06	1.32	23	0.27	4.46	106	0.9
DD008815	0.017	0.13	0.91	23	0.41	2.52	27	<0.5

***** See Appendix Page for comments regarding this certificate *****



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Method	CERTIFICATE COMMENTS
ME- MS41	Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).



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CERTIFICATE WH11176163

Project: Mount Hinton

P.O. No.:

This report is for 184 Soil samples submitted to our lab in Whitehorse, YT, Canada on 30- AUG- 2011.

The following have access to data associated with this certificate:

DOUG EATON

SARAH EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- TL43	Trace Level Au - 25g AR	ICP- MS
ME- MS41	51 anal. aqua regia ICPMS	

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- TL43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD008816		0.16	0.001	0.78	0.68	140.5	<0.2	<10	90	0.23	0.38	0.04	0.13	19.95	2.7	15
DD008817		0.18	0.007	2.26	0.38	502	<0.2	<10	80	0.26	0.26	0.06	0.27	12.90	6.5	10
DD008818		0.24	0.035	1.90	0.66	451	<0.2	<10	90	0.33	0.20	0.10	0.19	23.1	4.8	15
DD008819		0.14	0.013	0.70	0.73	174.5	<0.2	<10	90	0.36	0.27	0.13	0.35	20.0	11.0	16
DD008820		0.14	0.012	1.95	0.79	781	<0.2	<10	180	0.39	0.41	0.04	0.19	23.0	4.2	15
DD008821		0.18	0.007	0.40	1.07	72.1	<0.2	<10	110	0.39	0.24	0.11	0.32	26.0	8.1	20
DD008822		0.16	0.004	0.56	0.82	47.4	<0.2	<10	100	0.33	0.31	0.09	0.36	19.80	9.2	16
DD008823		0.14	0.013	0.30	1.07	55.8	<0.2	<10	110	0.47	0.34	0.07	0.32	23.1	9.5	20
DD008824		0.14	0.006	0.49	1.03	37.5	<0.2	<10	90	0.44	0.34	0.07	0.34	21.6	9.3	19
DD008825		0.14	0.009	0.48	0.85	66.7	<0.2	<10	90	0.34	0.28	0.08	0.31	20.6	8.3	17
DD008826		0.12	0.007	0.51	0.94	66.4	<0.2	<10	120	0.43	0.30	0.09	0.38	21.3	8.5	18
DD008827		0.18	0.005	0.65	0.99	76.1	<0.2	<10	90	0.38	0.39	0.07	0.22	24.6	6.2	19
DD008828		0.18	0.036	2.03	0.51	792	<0.2	<10	150	0.28	0.20	0.05	0.18	15.60	3.1	13
DD008829		0.16	0.030	1.48	0.76	282	<0.2	<10	120	0.42	0.22	0.14	0.59	22.9	9.1	15
DD008830		0.18	0.038	3.17	0.57	541	<0.2	<10	120	0.29	0.20	0.07	0.24	19.15	4.2	14
DD008831		0.18	0.008	1.28	0.51	241	<0.2	<10	120	0.47	0.25	0.06	0.56	12.95	11.2	11
DD008832		0.16	0.023	4.96	0.28	790	<0.2	<10	170	0.18	0.24	0.03	0.15	14.75	1.8	15
DD008833		0.16	0.026	0.64	0.83	348	<0.2	<10	80	0.39	0.17	0.14	0.43	25.3	6.9	17
DD008834		0.16	0.033	1.12	0.87	300	<0.2	<10	100	0.36	0.19	0.10	0.40	26.1	8.0	17
DD008835		0.18	0.010	0.49	1.03	106.0	<0.2	<10	90	0.40	0.24	0.08	0.30	26.5	7.2	20
DD008836		0.20	0.009	0.47	1.01	93.8	<0.2	<10	80	0.39	0.28	0.07	0.23	23.0	6.9	19
DD008837		0.14	0.008	0.63	0.86	63.6	<0.2	<10	90	0.42	0.24	0.11	0.46	22.4	10.1	16
DD008838		0.10	0.012	0.87	1.22	107.5	<0.2	<10	180	0.42	0.50	0.07	0.28	21.0	7.9	22
DD008839		0.14	0.007	0.98	1.15	49.6	<0.2	<10	110	0.53	0.39	0.07	0.46	19.70	14.4	21
DD008840		0.14	0.006	0.57	0.81	58.7	<0.2	<10	80	0.43	0.30	0.09	0.38	19.50	8.9	17
DD008841		0.18	0.010	0.57	0.78	102.5	<0.2	<10	90	0.41	0.30	0.08	0.29	17.95	7.9	17
DD008842		0.18	0.011	0.60	0.73	112.0	<0.2	<10	80	0.37	0.26	0.11	0.36	18.65	8.6	15
DD008843		0.16	0.023	0.56	0.76	187.0	<0.2	<10	70	0.35	0.23	0.08	0.24	21.9	5.8	16
DD008844		0.24	0.009	0.42	0.82	93.9	<0.2	<10	70	0.36	0.28	0.06	0.16	22.2	5.6	15
DD008845		0.20	0.008	0.47	0.86	104.0	<0.2	<10	80	0.45	0.30	0.07	0.23	24.0	6.6	17
DD008846		0.20	0.029	6.70	0.48	685	<0.2	<10	100	0.30	0.18	0.03	0.19	17.75	2.8	13
DD008847		0.18	0.017	0.45	0.37	131.5	<0.2	<10	30	0.27	0.13	0.06	0.12	14.50	3.0	10
DD008848		0.20	0.019	3.94	0.41	782	<0.2	<10	90	0.33	0.14	0.05	0.23	17.55	2.6	13
DD008849		0.20	0.010	1.28	0.69	395	<0.2	<10	110	0.33	0.37	0.05	0.11	24.0	3.2	16
DD008850		0.20	0.011	0.55	0.98	136.5	<0.2	<10	90	0.40	0.34	0.08	0.21	23.5	5.8	20
DD008851		0.18	0.008	0.40	0.98	66.5	<0.2	<10	80	0.37	0.25	0.09	0.24	24.1	7.2	19
DD008852		0.16	0.013	0.36	0.74	86.9	<0.2	<10	80	0.39	0.18	0.14	0.39	25.2	7.1	16
DD008853		0.20	0.018	0.43	0.80	58.6	<0.2	<10	70	0.39	0.26	0.09	0.47	18.05	9.9	16
DD008854		0.22	0.002	0.62	0.88	47.6	<0.2	<10	90	0.40	0.35	0.07	0.20	24.3	6.2	17
DD008855		0.24	0.006	0.47	0.82	31.0	<0.2	<10	70	0.37	0.23	0.10	0.44	21.1	10.3	16



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CERTIFICATE OF ANALYSIS WH11176163

Sample Description	Method Analyte Units LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
DD008816		4.14	28.8	2.19	2.11	0.13	<0.02	0.06	0.026	0.03	9.0	5.2	0.08	134	2.04	0.02
DD008817		1.49	62.9	2.61	1.43	0.11	0.04	0.04	0.027	0.05	6.3	6.0	0.07	274	1.80	0.01
DD008818		1.36	29.2	2.20	2.61	0.11	0.02	0.05	0.027	0.05	10.7	6.3	0.16	240	1.31	0.01
DD008819		1.70	49.2	3.03	2.19	0.12	0.02	0.08	0.026	0.03	9.2	9.2	0.15	410	1.42	0.02
DD008820		4.19	36.6	3.05	3.12	0.11	0.02	0.06	0.031	0.06	10.9	6.2	0.13	172	2.18	0.01
DD008821		1.31	35.6	2.63	3.31	0.11	0.02	0.04	0.028	0.04	11.6	12.2	0.25	361	1.40	0.01
DD008822		1.52	41.9	2.58	2.62	0.11	0.02	0.07	0.025	0.03	8.8	8.8	0.15	377	1.83	0.01
DD008823		1.78	44.2	2.93	3.53	0.10	<0.02	0.06	0.027	0.03	10.3	11.8	0.20	402	1.92	0.01
DD008824		2.12	41.2	2.92	3.24	0.11	<0.02	0.10	0.026	0.03	10.1	10.9	0.18	355	1.78	0.01
DD008825		1.49	39.4	2.69	2.58	0.11	<0.02	0.06	0.025	0.03	9.3	8.3	0.16	349	1.67	0.01
DD008826		1.67	40.9	2.72	3.17	0.10	<0.02	0.05	0.023	0.03	9.8	10.2	0.19	350	1.66	0.01
DD008827		3.30	50.1	2.77	3.32	0.12	0.02	0.04	0.028	0.03	10.2	9.1	0.19	228	2.21	0.01
DD008828		1.45	26.9	2.51	2.26	0.08	<0.02	0.04	0.029	0.06	7.0	4.6	0.10	135	1.40	0.01
DD008829		1.67	40.1	2.82	2.52	0.11	0.02	0.16	0.032	0.03	9.4	8.8	0.18	512	1.30	0.01
DD008830		1.60	27.6	2.22	2.53	0.08	0.02	0.05	0.027	0.05	8.3	5.7	0.13	172	1.50	0.01
DD008831		2.39	75.0	3.33	1.56	0.10	0.03	0.03	0.027	0.05	5.7	5.8	0.07	653	2.11	0.02
DD008832		1.93	27.3	2.56	2.51	0.11	0.04	0.07	0.039	0.13	6.5	3.0	0.06	58	2.61	0.02
DD008833		1.13	35.5	2.43	2.68	0.10	0.05	0.06	0.019	0.04	10.5	9.8	0.26	275	1.11	0.01
DD008834		1.44	33.0	2.51	3.12	0.11	0.02	0.03	0.020	0.04	10.3	8.7	0.21	368	1.49	0.01
DD008835		2.37	37.8	2.66	3.63	0.11	<0.02	0.04	0.026	0.04	10.6	9.6	0.24	272	1.78	0.01
DD008836		1.67	40.5	2.78	3.45	0.10	<0.02	0.04	0.028	0.03	9.5	9.5	0.22	260	1.99	0.01
DD008837		1.45	39.1	2.59	2.79	0.10	0.02	0.07	0.022	0.03	9.1	9.9	0.19	415	1.67	0.01
DD008838		3.28	53.8	3.36	4.18	0.11	<0.02	0.09	0.034	0.04	8.8	11.4	0.21	297	2.99	0.01
DD008839		2.53	56.6	3.36	3.51	0.10	0.03	0.10	0.034	0.04	8.0	12.3	0.19	616	2.71	0.01
DD008840		1.74	48.9	2.65	2.68	0.12	0.02	0.04	0.024	0.03	8.3	10.5	0.16	347	2.08	0.01
DD008841		1.71	46.4	2.74	2.61	0.11	0.02	0.04	0.023	0.03	8.0	8.2	0.15	289	2.17	0.01
DD008842		1.47	41.1	2.46	2.55	0.10	0.02	0.04	0.022	0.03	8.2	8.5	0.16	290	1.60	0.01
DD008843		1.40	40.4	2.54	2.82	0.11	<0.02	0.03	0.022	0.03	9.2	7.4	0.17	171	1.63	0.01
DD008844		2.17	47.4	2.51	2.94	0.11	0.02	0.03	0.022	0.03	9.7	7.9	0.16	175	1.80	0.01
DD008845		3.10	44.4	2.67	3.19	0.10	<0.02	0.03	0.023	0.03	9.7	8.5	0.20	220	1.93	0.01
DD008846		2.00	42.2	2.23	2.65	0.10	<0.02	0.07	0.027	0.05	7.6	4.0	0.08	93	1.37	0.01
DD008847		0.65	19.7	1.55	1.65	0.08	<0.02	0.02	0.016	0.02	6.4	3.4	0.08	101	1.00	<0.01
DD008848		1.85	35.0	2.26	2.29	0.09	0.02	0.05	0.024	0.05	7.2	3.4	0.09	103	1.16	0.01
DD008849		5.18	39.5	3.01	3.39	0.10	<0.02	0.04	0.034	0.05	10.4	5.5	0.15	123	2.30	0.01
DD008850		3.96	50.2	2.95	3.41	0.10	0.02	0.03	0.030	0.03	10.2	8.8	0.20	197	2.42	0.01
DD008851		1.73	37.9	2.54	3.36	0.12	<0.02	0.04	0.024	0.03	10.2	9.5	0.22	237	1.83	0.01
DD008852		0.93	35.0	2.32	2.60	0.13	0.02	0.04	0.022	0.03	10.5	8.5	0.20	245	1.36	0.01
DD008853		1.41	47.0	2.89	2.79	0.10	0.02	0.03	0.024	0.03	8.1	9.1	0.18	337	1.87	0.01
DD008854		2.20	44.5	2.65	3.06	0.10	<0.02	0.05	0.025	0.04	10.2	10.0	0.19	224	2.72	0.01
DD008855		1.40	42.6	2.76	2.67	0.11	0.02	0.06	0.021	0.03	9.0	8.6	0.18	505	1.78	0.01



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
DD008816		0.10	12.2	1050	23.2	3.0	<0.001	0.11	12.55	1.6	2.8	0.2	42.0	<0.01	0.06	4.3
DD008817		0.07	34.5	600	47.8	3.4	0.001	0.13	21.3	2.1	3.2	0.2	33.2	<0.01	0.05	4.8
DD008818		0.37	14.5	810	29.3	5.1	<0.001	0.10	9.85	2.5	1.4	0.2	19.0	<0.01	0.08	2.9
DD008819		0.24	42.9	880	26.3	3.5	<0.001	0.05	8.12	2.2	2.0	0.2	17.4	<0.01	0.07	2.1
DD008820		0.20	15.1	870	43.3	6.6	<0.001	0.15	16.00	2.1	2.4	0.3	34.1	<0.01	0.12	2.1
DD008821		0.45	29.4	780	15.0	5.1	<0.001	0.03	3.62	2.4	2.0	0.3	16.8	<0.01	0.08	2.3
DD008822		0.25	36.9	760	18.6	4.1	<0.001	0.03	3.95	2.1	1.7	0.2	20.7	<0.01	0.09	1.7
DD008823		0.25	34.6	850	20.1	5.4	<0.001	0.04	4.15	1.7	2.0	0.3	19.2	<0.01	0.12	0.9
DD008824		0.34	34.2	790	20.7	4.6	<0.001	0.04	3.77	1.9	1.3	0.3	22.0	<0.01	0.07	1.6
DD008825		0.26	32.7	790	17.1	3.6	<0.001	0.03	4.69	1.9	1.7	0.2	17.9	<0.01	0.08	1.8
DD008826		0.27	34.4	790	19.0	4.9	<0.001	0.03	4.14	1.7	1.4	0.3	17.2	<0.01	0.07	0.9
DD008827		0.36	21.6	1040	23.6	4.3	<0.001	0.05	5.66	2.4	2.0	0.3	28.5	<0.01	0.12	2.2
DD008828		0.22	9.5	690	72.0	5.1	<0.001	0.19	18.85	1.9	1.2	0.2	19.2	<0.01	0.04	2.2
DD008829		0.37	36.7	880	23.3	4.3	<0.001	0.05	7.46	2.7	1.6	0.3	19.0	<0.01	0.07	2.6
DD008830		0.34	13.2	710	35.0	5.2	<0.001	0.12	12.50	2.5	1.6	0.3	20.5	<0.01	0.08	2.7
DD008831		0.16	53.3	710	20.1	4.0	0.001	0.14	11.10	2.6	3.1	0.2	39.2	<0.01	0.08	4.0
DD008832		0.18	6.7	770	30.7	8.2	0.001	0.41	24.5	3.7	2.7	0.2	49.8	<0.01	0.08	5.0
DD008833		0.68	22.1	900	11.7	4.5	<0.001	0.03	5.92	3.0	0.7	0.2	17.0	<0.01	0.03	4.0
DD008834		0.49	24.6	790	24.0	5.1	<0.001	0.05	6.61	2.4	1.0	0.3	16.1	<0.01	0.05	2.0
DD008835		0.50	22.7	920	16.9	5.0	<0.001	0.04	5.06	2.4	0.9	0.3	17.5	<0.01	0.08	1.6
DD008836		0.41	22.4	920	18.0	4.6	0.001	0.03	5.43	2.4	1.3	0.3	17.3	<0.01	0.06	1.8
DD008837		0.33	36.3	890	16.8	4.4	<0.001	0.03	4.17	2.0	1.3	0.2	17.5	<0.01	0.07	1.3
DD008838		0.27	30.7	1160	29.8	6.2	0.001	0.09	8.75	1.8	3.2	0.4	36.3	<0.01	0.13	0.8
DD008839		0.29	50.1	1160	31.0	5.8	<0.001	0.05	4.05	2.2	1.8	0.3	23.8	<0.01	0.10	1.4
DD008840		0.29	35.9	870	20.1	3.6	0.001	0.04	4.10	2.1	2.5	0.2	23.6	<0.01	0.08	1.8
DD008841		0.26	30.4	860	20.8	3.3	<0.001	0.05	7.10	2.0	2.4	0.2	21.9	<0.01	0.06	2.5
DD008842		0.32	32.2	820	18.4	3.6	0.001	0.03	6.26	2.2	1.3	0.3	19.2	<0.01	0.09	1.7
DD008843		0.36	22.1	860	15.7	3.4	0.001	0.03	6.42	2.2	2.1	0.2	17.7	<0.01	0.07	2.1
DD008844		0.36	19.6	830	19.7	3.4	<0.001	0.03	5.49	2.3	1.9	0.2	18.0	<0.01	0.09	2.6
DD008845		0.40	22.8	880	18.5	3.8	0.001	0.04	6.52	2.6	1.9	0.3	19.1	<0.01	0.09	2.4
DD008846		0.28	10.9	600	79.3	5.1	<0.001	0.12	18.25	2.4	1.9	0.2	16.8	<0.01	0.05	3.1
DD008847		0.25	10.8	580	10.7	2.0	0.001	0.01	5.31	1.8	1.3	0.2	9.9	<0.01	0.06	3.3
DD008848		0.23	8.5	710	55.7	4.5	<0.001	0.11	13.55	2.3	1.0	0.2	21.1	<0.01	0.03	4.7
DD008849		0.33	11.6	970	27.2	5.0	<0.001	0.12	15.05	2.4	2.2	0.3	28.6	0.01	0.13	3.2
DD008850		0.32	21.8	1100	21.9	4.3	<0.001	0.06	7.25	2.0	1.9	0.3	22.9	<0.01	0.11	1.3
DD008851		0.45	21.5	880	15.7	4.6	0.001	0.03	4.64	2.2	1.3	0.3	17.1	<0.01	0.06	1.8
DD008852		0.45	26.6	770	12.8	3.3	<0.001	0.02	5.22	2.3	1.1	0.2	16.8	<0.01	0.09	3.2
DD008853		0.39	37.5	800	18.2	3.4	<0.001	0.02	4.59	2.4	1.6	0.2	17.0	<0.01	0.08	2.8
DD008854		0.39	22.5	940	21.2	4.1	<0.001	0.06	5.11	2.4	2.8	0.3	28.4	<0.01	0.12	2.7
DD008855		0.38	36.4	920	15.7	4.1	<0.001	0.03	2.92	2.4	1.5	0.2	16.6	<0.01	0.11	2.0



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
DD008816		0.010	0.05	1.00	18	0.18	2.92	43	<0.5
DD008817		0.011	0.07	1.10	14	0.20	3.32	86	2.6
DD008818		0.027	0.10	1.08	27	0.52	4.38	45	0.6
DD008819		0.020	0.06	1.31	23	0.23	5.05	94	0.7
DD008820		0.016	0.10	1.24	28	0.29	3.35	51	<0.5
DD008821		0.033	0.07	1.05	35	0.26	4.71	71	0.5
DD008822		0.021	0.06	1.13	26	0.22	4.38	83	0.5
DD008823		0.025	0.06	1.16	34	0.35	4.40	81	<0.5
DD008824		0.025	0.05	1.10	32	0.23	3.78	83	<0.5
DD008825		0.023	0.04	1.03	27	0.27	4.22	80	<0.5
DD008826		0.025	0.05	1.17	30	0.25	4.45	80	<0.5
DD008827		0.023	0.06	1.21	31	0.22	4.06	66	0.7
DD008828		0.017	0.10	1.07	24	0.32	2.84	36	0.5
DD008829		0.023	0.08	1.42	26	0.27	7.73	93	0.8
DD008830		0.022	0.11	1.10	25	0.53	4.23	41	0.7
DD008831		0.014	0.07	1.33	16	0.17	4.82	129	1.3
DD008832		0.015	0.25	0.95	23	1.72	2.33	21	2.8
DD008833		0.036	0.07	1.14	31	0.32	5.13	67	1.8
DD008834		0.031	0.08	1.18	32	0.36	5.16	70	0.7
DD008835		0.033	0.07	1.17	37	0.35	4.56	71	<0.5
DD008836		0.028	0.07	1.14	34	0.23	4.10	70	<0.5
DD008837		0.025	0.05	1.23	28	0.28	5.30	86	0.7
DD008838		0.020	0.08	1.38	36	0.40	5.12	80	0.5
DD008839		0.022	0.08	1.52	32	0.30	5.33	105	0.9
DD008840		0.021	0.06	1.14	26	0.23	4.56	77	0.6
DD008841		0.019	0.05	1.10	25	0.48	3.87	80	0.6
DD008842		0.023	0.05	1.08	25	0.37	4.67	76	0.5
DD008843		0.025	0.04	1.17	29	0.27	4.49	63	<0.5
DD008844		0.022	0.05	1.12	28	0.19	3.71	58	0.5
DD008845		0.025	0.05	1.15	31	0.21	4.02	67	0.5
DD008846		0.018	0.10	1.56	21	0.29	2.78	32	0.5
DD008847		0.018	0.04	0.91	16	0.44	3.09	32	0.5
DD008848		0.018	0.12	1.90	21	0.29	2.92	27	1.2
DD008849		0.020	0.09	1.31	30	0.19	2.86	45	<0.5
DD008850		0.023	0.07	1.30	35	0.21	4.35	64	<0.5
DD008851		0.030	0.06	1.05	34	0.21	4.44	66	<0.5
DD008852		0.034	0.04	0.96	30	0.30	5.37	71	0.6
DD008853		0.025	0.05	1.05	26	0.34	5.31	98	0.5
DD008854		0.024	0.06	1.13	29	0.20	4.18	65	0.6
DD008855		0.028	0.05	1.23	28	0.23	5.72	93	0.6



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- TL43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD008856		0.18	0.006	0.37	0.92	28.1	<0.2	<10	80	0.26	0.22	0.10	0.36	17.25	8.2	17
DD008857		0.18	0.004	0.35	0.87	25.9	<0.2	<10	80	0.29	0.24	0.12	0.39	24.5	7.8	18
DD008858		0.16	0.007	0.46	0.83	31.9	<0.2	<10	60	0.35	0.25	0.07	0.43	14.65	11.2	17
DD008859		0.16	0.007	1.19	0.72	384	<0.2	<10	110	0.35	0.51	0.03	0.12	22.2	6.1	15
DD008860		0.16	0.010	0.48	1.07	128.0	<0.2	<10	80	0.44	0.29	0.09	0.23	26.9	7.6	20
DD008861		0.16	0.002	0.78	0.63	83.8	<0.2	<10	100	0.38	0.44	0.02	0.10	20.6	4.4	12
DD008862		0.20	0.004	0.71	0.76	227	<0.2	<10	80	0.45	0.44	0.04	0.11	23.4	6.0	18
DD008863		0.20	0.005	0.79	0.72	161.0	<0.2	<10	80	0.24	0.41	0.06	0.14	26.8	3.4	20
DD008864		0.18	0.006	0.57	0.76	109.5	<0.2	<10	60	0.32	0.34	0.07	0.14	25.5	3.7	21
DD008865		0.18	0.007	0.56	0.93	108.5	<0.2	<10	60	0.38	0.34	0.06	0.13	23.5	4.4	21
DD008866		0.16	0.004	0.92	0.89	435	<0.2	<10	110	0.40	0.50	0.04	0.17	27.0	5.8	19
DD008867		0.16	0.029	2.11	0.94	774	<0.2	<10	180	0.37	0.57	0.04	0.14	25.8	5.0	21
DD008868		0.18	0.002	0.99	1.05	68.9	<0.2	<10	110	0.33	0.61	0.04	0.09	26.0	6.1	21
DD008869		0.16	0.002	0.55	1.02	48.5	<0.2	<10	80	0.37	0.33	0.09	0.25	26.4	7.0	20
DD008870		0.12	0.006	0.25	1.22	34.1	<0.2	<10	90	0.45	0.22	0.09	0.29	24.0	7.7	22
DD008871		0.16	0.008	0.27	1.22	35.5	<0.2	<10	80	0.41	0.24	0.11	0.32	29.2	8.4	22
DD008872		0.20	0.004	0.69	0.87	71.9	<0.2	<10	100	0.37	0.39	0.04	0.30	17.00	7.6	18
DD008873		0.18	0.016	0.22	1.10	52.9	<0.2	<10	90	0.47	0.20	0.17	0.39	30.3	9.6	20
DD008874		0.18	0.002	0.76	0.87	79.7	<0.2	<10	110	0.41	0.45	0.04	0.25	22.1	6.9	19
DD008875		0.20	0.002	0.73	1.03	61.6	<0.2	<10	110	0.49	0.44	0.08	0.24	25.5	9.2	20
DD008876		0.16	0.001	1.02	0.90	53.6	<0.2	<10	90	0.30	0.55	0.06	0.11	24.1	6.4	19
DD008877		0.18	0.007	0.24	0.84	40.4	<0.2	<10	50	0.26	0.19	0.11	0.22	22.1	6.3	18
DD008878		0.18	0.021	0.71	0.90	178.5	<0.2	<10	100	0.47	0.30	0.10	0.32	22.5	9.2	20
DD008879		0.22	0.018	0.47	0.79	192.5	<0.2	<10	80	0.40	0.26	0.08	0.28	26.8	7.5	17
DD008880		0.18	0.022	0.28	0.94	72.3	<0.2	<10	80	0.31	0.20	0.15	0.49	25.1	8.8	18
DD008881		0.18	0.005	0.44	0.74	43.4	<0.2	<10	70	0.28	0.28	0.07	0.34	16.30	9.0	15
DD008882		0.20	0.002	0.53	0.75	50.6	<0.2	<10	80	0.28	0.31	0.07	0.29	14.80	7.9	16
DD008883		0.18	0.005	0.32	1.10	40.3	<0.2	<10	90	0.41	0.21	0.16	0.39	31.5	8.3	21
DD008884		0.18	0.008	0.23	1.11	37.3	<0.2	<10	80	0.40	0.22	0.13	0.36	30.8	9.4	22
DD008885		0.22	0.002	0.43	0.97	69.1	<0.2	<10	90	0.39	0.31	0.08	0.26	23.7	7.2	19
DD008886		0.20	0.008	0.20	1.08	57.0	<0.2	<10	80	0.40	0.17	0.12	0.32	28.3	8.8	21
DD008887		0.18	0.003	0.28	1.26	46.8	<0.2	<10	90	0.46	0.26	0.10	0.30	25.4	7.5	23
DD008888		0.18	<0.001	0.99	0.98	216	<0.2	<10	70	0.58	0.68	0.29	0.33	24.0	27.8	20
DD008889		0.16	<0.001	0.96	1.32	91.3	<0.2	<10	170	0.40	0.68	0.02	0.07	15.10	5.4	27
DD008890		0.16	0.002	0.19	1.06	66.0	<0.2	<10	80	0.39	0.37	0.06	0.12	27.7	12.2	17
DD008891		0.16	<0.001	0.25	0.48	18.8	<0.2	<10	40	0.19	0.39	0.04	0.24	36.9	14.7	8
DD008892		0.20	<0.001	0.31	0.69	45.6	<0.2	<10	110	0.32	0.29	0.09	0.61	25.6	17.7	13
DD008893		0.20	0.004	0.36	0.84	118.0	<0.2	<10	90	0.34	0.30	0.17	0.20	28.5	10.2	16
DD008894		0.18	0.002	0.41	0.74	147.0	<0.2	<10	90	0.30	0.34	0.08	0.40	30.2	18.7	12
DD008895		0.10	0.010	0.76	1.17	143.0	<0.2	<10	160	0.39	0.40	0.20	0.25	15.15	6.2	18



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
DD008856		1.47	43.7	2.63	2.88	0.09	0.02	0.05	0.021	0.03	7.6	9.4	0.19	286	1.68
DD008857		1.44	50.7	2.67	2.89	0.10	0.02	0.04	0.019	0.03	9.9	10.3	0.23	326	1.47
DD008858		1.32	53.6	2.91	2.71	0.11	0.02	0.05	0.023	0.03	6.1	8.4	0.15	556	2.02
DD008859		3.47	49.6	2.92	2.78	0.13	<0.02	0.06	0.034	0.04	9.3	6.5	0.09	148	2.90
DD008860		2.06	51.0	2.84	3.65	0.09	0.02	0.04	0.030	0.03	11.3	11.0	0.27	267	2.17
DD008861		4.20	49.6	2.35	2.32	0.14	0.05	0.06	0.024	0.03	8.8	5.3	0.08	137	3.78
DD008862		5.94	59.2	3.48	2.97	0.15	<0.02	0.04	0.029	0.03	9.5	7.8	0.15	175	2.81
DD008863		4.10	32.9	2.82	3.67	0.16	0.02	0.02	0.034	0.04	13.7	5.4	0.15	148	2.67
DD008864		5.01	48.3	3.11	4.04	0.12	<0.02	0.02	0.045	0.04	12.6	5.6	0.16	132	2.65
DD008865		4.72	72.4	3.16	3.79	0.12	0.02	0.03	0.035	0.03	11.5	7.3	0.16	170	2.94
DD008866		4.26	65.6	3.42	3.87	0.13	0.03	0.06	0.043	0.04	13.1	8.1	0.14	172	4.71
DD008867		4.63	56.7	3.54	3.98	0.13	<0.02	0.06	0.045	0.06	12.6	7.5	0.13	142	4.50
DD008868		3.91	50.0	3.02	3.83	0.16	0.02	0.08	0.037	0.04	12.8	11.8	0.14	169	4.07
DD008869		2.45	49.6	2.89	3.98	0.14	0.02	0.05	0.032	0.03	12.6	9.6	0.21	223	2.13
DD008870		1.41	39.2	2.71	4.28	0.10	<0.02	0.04	0.031	0.04	11.5	11.8	0.26	276	1.75
DD008871		1.37	42.0	2.68	4.30	0.11	<0.02	0.05	0.027	0.04	14.1	11.9	0.29	302	1.85
DD008872		2.45	57.7	2.95	3.35	0.12	<0.02	0.05	0.034	0.03	9.1	8.8	0.13	331	2.92
DD008873		1.22	41.4	2.63	3.89	0.11	0.02	0.03	0.027	0.04	14.7	12.0	0.31	335	1.72
DD008874		3.16	56.6	3.32	3.66	0.15	0.07	0.06	0.043	0.03	10.8	9.1	0.13	196	4.23
DD008875		3.63	59.5	3.05	3.81	0.14	<0.02	0.06	0.037	0.04	12.3	10.5	0.18	329	2.63
DD008876		3.81	46.8	2.61	3.29	0.13	0.02	0.04	0.031	0.03	12.0	6.5	0.12	147	2.99
DD008877		1.31	37.3	2.27	3.05	0.12	<0.02	0.06	0.026	0.03	10.8	8.6	0.22	219	1.56
DD008878		2.74	58.4	3.29	3.55	0.11	<0.02	0.05	0.037	0.05	10.5	8.3	0.19	335	3.25
DD008879		2.53	47.5	3.15	2.85	0.12	<0.02	0.07	0.030	0.04	12.7	8.6	0.18	291	2.27
DD008880		1.16	46.3	2.70	3.10	0.12	0.02	0.04	0.026	0.03	11.9	12.6	0.28	298	1.67
DD008881		1.13	69.3	2.68	2.41	0.12	0.02	0.04	0.024	0.02	8.2	14.8	0.20	298	2.41
DD008882		1.30	71.6	2.83	2.32	0.11	<0.02	0.06	0.028	0.03	7.7	15.7	0.22	292	2.39
DD008883		1.03	63.4	2.89	3.67	0.11	0.07	0.03	0.032	0.04	16.1	10.6	0.28	329	1.69
DD008884		1.10	47.0	2.75	3.81	0.11	<0.02	0.02	0.032	0.04	15.6	11.3	0.29	361	1.72
DD008885		1.95	50.6	2.94	3.41	0.11	<0.02	0.05	0.034	0.03	11.2	9.7	0.19	246	1.94
DD008886		0.98	37.5	2.69	3.61	0.12	0.02	0.02	0.023	0.03	13.6	10.5	0.27	297	1.57
DD008887		1.56	46.6	2.99	4.09	0.11	<0.02	0.04	0.031	0.04	12.2	10.7	0.28	285	1.90
DD008888		2.23	84.4	5.89	3.53	0.17	0.09	0.03	0.044	0.04	11.4	10.5	0.16	590	2.78
DD008889		3.34	96.7	6.12	4.68	0.12	0.02	0.05	0.057	0.05	7.7	11.4	0.15	178	3.00
DD008890		1.29	41.7	3.63	2.99	0.13	0.06	0.05	0.029	0.03	13.8	14.4	0.20	500	1.51
DD008891		0.78	36.7	3.20	1.54	0.12	0.05	0.01	0.018	0.03	19.5	12.1	0.11	353	0.91
DD008892		0.88	39.1	2.79	2.31	0.13	0.12	0.01	0.026	0.04	12.8	12.0	0.16	586	1.44
DD008893		0.98	33.0	3.25	2.65	0.12	0.07	0.03	0.026	0.02	14.0	12.9	0.17	268	1.44
DD008894		1.09	38.4	2.92	2.51	0.10	0.02	0.04	0.028	0.04	14.2	10.9	0.15	645	1.68
DD008895		1.76	28.8	2.42	4.29	0.06	<0.02	0.04	0.024	0.05	7.6	11.4	0.18	404	1.68



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
DD008856		0.36	31.6	950	15.3	3.9	0.001	0.03	2.51	1.9	1.6	0.3	16.2	<0.01	0.07	1.4
DD008857		0.52	29.3	890	14.1	4.1	<0.001	0.02	2.14	3.1	1.2	0.2	20.3	<0.01	0.06	4.1
DD008858		0.31	42.4	910	17.2	3.9	0.001	0.03	3.01	2.0	1.7	0.3	17.8	<0.01	0.06	1.7
DD008859		0.12	21.4	980	30.5	3.3	<0.001	0.12	15.65	2.4	3.7	0.3	42.7	<0.01	0.13	4.7
DD008860		0.50	24.0	910	18.7	4.7	0.001	0.04	7.28	2.9	2.1	0.3	20.5	<0.01	0.08	2.6
DD008861		0.12	18.3	730	28.2	2.8	<0.001	0.11	10.95	2.2	2.4	0.2	34.6	<0.01	0.09	5.9
DD008862		0.22	23.0	1080	29.4	3.1	<0.001	0.07	11.00	2.7	3.2	0.2	28.0	<0.01	0.13	4.3
DD008863		0.31	16.3	970	29.3	4.7	<0.001	0.07	14.70	2.5	2.4	0.3	17.4	<0.01	0.12	5.0
DD008864		0.34	15.2	1190	26.7	4.5	<0.001	0.06	8.81	2.4	2.7	0.3	19.2	<0.01	0.09	3.0
DD008865		0.34	19.3	1130	24.4	3.4	<0.001	0.06	9.10	2.6	3.1	0.3	19.5	<0.01	0.07	3.8
DD008866		0.23	20.6	980	34.1	3.7	<0.001	0.10	18.95	2.5	4.2	0.3	36.2	<0.01	0.19	6.7
DD008867		0.20	17.3	1100	36.5	5.8	<0.001	0.20	24.7	2.2	3.7	0.3	58.2	<0.01	0.15	2.8
DD008868		0.11	25.0	1120	39.6	3.8	<0.001	0.10	7.50	2.5	4.0	0.3	39.9	<0.01	0.13	6.7
DD008869		0.37	24.8	940	22.7	3.5	0.001	0.05	5.47	3.1	2.5	0.3	26.5	<0.01	0.08	6.1
DD008870		0.34	24.6	830	13.7	5.5	<0.001	0.04	2.61	1.4	1.2	0.3	15.1	<0.01	0.02	0.5
DD008871		0.57	26.4	840	13.9	5.8	<0.001	0.03	2.67	2.4	2.2	0.4	16.7	<0.01	0.04	1.6
DD008872		0.19	33.7	810	22.4	3.7	<0.001	0.05	5.05	2.1	2.7	0.2	31.8	<0.01	0.09	2.7
DD008873		0.70	30.1	970	12.7	5.4	<0.001	0.02	2.67	3.1	1.5	0.3	18.6	<0.01	0.04	3.8
DD008874		0.15	25.1	900	30.2	3.1	0.001	0.09	7.79	2.9	4.5	0.3	41.2	<0.01	0.15	8.1
DD008875		0.34	30.5	1120	28.0	4.1	<0.001	0.07	6.54	3.0	2.8	0.3	43.0	<0.01	0.10	5.4
DD008876		0.15	25.0	1240	32.3	3.4	<0.001	0.10	6.73	2.3	3.7	0.3	38.7	<0.01	0.13	5.8
DD008877		0.43	20.4	930	11.1	4.5	<0.001	0.03	2.49	2.0	1.0	0.3	14.5	<0.01	0.02	1.7
DD008878		0.43	34.4	1160	24.2	5.5	<0.001	0.14	7.13	3.0	2.8	0.3	40.6	<0.01	0.08	4.3
DD008879		0.37	25.0	950	35.6	5.1	<0.001	0.05	11.90	2.6	1.4	0.2	21.7	<0.01	0.06	3.3
DD008880		0.53	32.5	870	13.3	4.0	<0.001	0.03	3.51	2.9	1.6	0.2	19.8	<0.01	0.03	4.6
DD008881		0.27	42.4	700	17.2	3.1	<0.001	0.03	2.87	2.1	1.8	0.2	22.6	<0.01	0.09	3.0
DD008882		0.23	50.0	690	17.2	2.6	<0.001	0.03	3.00	2.0	2.8	0.2	28.7	<0.01	0.06	3.7
DD008883		0.59	29.9	910	13.7	4.3	<0.001	0.02	2.60	3.7	1.4	0.3	17.7	<0.01	0.05	6.5
DD008884		0.56	32.7	850	13.1	5.2	<0.001	0.03	2.14	2.5	1.3	0.3	17.0	<0.01	0.04	2.2
DD008885		0.37	25.9	910	19.0	3.7	<0.001	0.04	4.41	2.7	1.4	0.3	19.3	<0.01	0.05	3.0
DD008886		0.45	26.3	820	12.6	4.7	<0.001	0.03	3.14	1.9	1.6	0.3	15.5	<0.01	<0.01	1.3
DD008887		0.48	26.0	940	16.6	5.3	<0.001	0.03	2.47	2.3	1.8	0.3	18.0	<0.01	0.05	1.7
DD008888		<0.05	78.5	1310	46.7	2.6	0.001	0.15	7.60	4.2	3.4	0.2	43.2	<0.01	0.13	12.0
DD008889		0.06	23.2	1570	52.0	3.3	0.002	0.19	8.63	4.1	5.0	0.3	27.7	<0.01	0.15	7.4
DD008890		0.28	36.4	600	33.5	4.2	<0.001	0.03	3.15	2.3	0.9	0.2	11.2	<0.01	0.08	5.1
DD008891		0.05	29.8	470	29.0	2.5	<0.001	0.04	2.59	1.6	1.0	<0.2	6.2	<0.01	0.02	9.5
DD008892		0.18	40.8	660	21.8	2.7	0.001	0.06	3.31	2.3	1.7	0.2	15.8	<0.01	0.05	9.0
DD008893		0.27	23.3	560	20.7	3.1	<0.001	0.02	3.75	2.8	1.6	0.2	13.6	<0.01	0.03	7.1
DD008894		0.23	38.9	570	26.6	3.6	<0.001	0.04	4.02	2.0	0.6	0.2	14.4	<0.01	0.02	6.1
DD008895		0.32	21.2	1450	16.9	8.4	<0.001	0.11	2.86	0.8	1.0	0.4	20.2	<0.01	0.06	0.2



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
DD008856		0.028	0.06	1.21	30	0.22	5.16	83	0.6
DD008857		0.038	0.05	1.16	33	0.24	5.38	78	0.7
DD008858		0.023	0.07	1.12	26	0.19	4.81	105	0.6
DD008859		0.010	0.05	1.31	23	0.45	2.65	65	0.9
DD008860		0.031	0.07	1.15	36	0.25	4.55	75	0.6
DD008861		0.011	0.04	1.13	19	0.10	2.21	50	3.6
DD008862		0.018	0.05	1.15	30	0.14	2.60	74	0.8
DD008863		0.023	0.09	1.23	32	0.25	3.47	48	0.7
DD008864		0.026	0.05	1.25	37	0.20	3.18	51	<0.5
DD008865		0.023	0.06	1.36	36	0.17	3.13	55	0.5
DD008866		0.015	0.07	1.31	31	0.15	3.02	65	1.7
DD008867		0.014	0.07	1.45	32	0.21	3.27	62	<0.5
DD008868		0.009	0.04	1.29	30	0.11	3.08	70	1.2
DD008869		0.026	0.05	1.34	35	0.17	4.43	74	1.4
DD008870		0.034	0.09	1.16	40	0.28	4.40	76	<0.5
DD008871		0.042	0.07	1.28	40	0.33	6.12	70	<0.5
DD008872		0.014	0.07	1.32	26	0.13	3.80	83	<0.5
DD008873		0.047	0.08	1.27	38	0.28	6.92	80	0.7
DD008874		0.013	0.05	1.31	31	0.12	3.23	69	4.7
DD008875		0.021	0.05	1.58	31	0.21	4.85	80	0.8
DD008876		0.013	0.04	1.21	25	0.09	3.33	67	1.1
DD008877		0.034	0.07	1.21	32	0.25	4.57	62	<0.5
DD008878		0.026	0.09	1.52	31	0.19	5.57	95	0.7
DD008879		0.026	0.11	1.39	29	0.21	4.80	87	<0.5
DD008880		0.039	0.07	1.31	31	0.15	6.59	82	1.1
DD008881		0.020	0.04	1.43	21	0.12	4.84	93	0.9
DD008882		0.016	0.04	1.40	21	0.12	4.29	114	1.1
DD008883		0.054	0.07	1.45	41	0.34	7.99	77	3.7
DD008884		0.045	0.08	1.17	41	0.23	5.54	87	<0.5
DD008885		0.025	0.07	1.19	33	0.17	4.13	75	<0.5
DD008886		0.040	0.08	1.07	39	0.29	4.91	74	<0.5
DD008887		0.038	0.09	1.24	41	0.26	4.82	77	<0.5
DD008888		0.007	0.03	1.40	23	0.42	7.48	142	6.9
DD008889		0.008	0.04	0.98	38	0.14	2.04	72	1.9
DD008890		0.017	0.05	1.03	24	0.14	5.94	82	2.0
DD008891		0.007	0.02	0.74	6	0.06	5.06	72	2.6
DD008892		0.017	0.03	0.97	18	0.20	5.36	98	7.3
DD008893		0.015	0.03	1.05	21	0.13	6.50	66	3.1
DD008894		0.012	0.04	1.10	16	0.12	4.96	99	0.8
DD008895		0.017	0.11	1.18	33	0.26	4.39	66	<0.5



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- TL43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD008896		0.16	0.026	0.55	1.02	524	<0.2	<10	130	0.31	0.25	0.21	0.22	23.3	9.6	20
DD008897		0.20	0.004	0.38	0.93	101.0	<0.2	<10	100	0.28	0.29	0.07	0.98	29.2	12.0	14
DD008898		0.24	<0.001	0.34	0.73	75.8	<0.2	<10	110	0.33	0.35	0.12	1.55	25.5	44.8	12
DD008899		0.14	0.004	0.41	0.80	153.0	<0.2	<10	130	0.28	0.37	0.30	0.22	24.8	10.1	14
DD008900		0.16	0.006	0.44	0.82	82.4	<0.2	<10	80	0.24	0.30	0.06	0.12	16.40	3.3	15
DD008901		0.14	0.014	0.38	1.02	103.0	<0.2	<10	60	0.30	0.27	0.07	0.20	20.1	8.9	19
DD008902		0.16	<0.001	0.14	0.90	29.6	<0.2	<10	100	0.36	0.44	0.05	0.10	49.5	16.1	13
DD008903		0.14	<0.001	0.24	0.85	70.4	<0.2	<10	20	0.39	0.80	2.22	0.18	21.5	47.8	10
DD008904		0.14	0.015	1.03	1.21	74.1	<0.2	<10	80	0.44	1.16	0.12	0.85	22.1	43.0	17
DD008905		0.12	0.002	0.32	0.79	27.6	<0.2	<10	60	0.31	0.42	0.06	0.23	19.40	11.8	14
DD008906		0.16	0.002	0.33	0.90	60.6	<0.2	<10	40	0.19	0.25	0.04	0.11	22.3	4.3	18
DD008907		0.14	0.003	0.35	0.73	111.5	<0.2	<10	80	0.18	0.30	0.06	0.19	18.65	4.5	17
DD008908		0.10	0.010	0.68	0.91	107.0	<0.2	<10	150	0.37	0.40	0.73	0.30	12.50	12.0	27
DD008909		0.18	0.019	1.02	0.77	524	<0.2	<10	120	0.24	0.31	0.06	0.14	18.85	3.9	16
DD008910		0.16	0.055	0.61	1.12	391	<0.2	<10	110	0.34	0.32	0.09	0.13	23.7	7.2	18
DD008911		0.16	0.032	0.59	1.21	983	<0.2	<10	180	0.41	0.38	0.28	0.24	17.95	13.2	25
DD008912		0.14	0.004	0.18	1.19	75.5	<0.2	<10	110	0.29	0.27	0.14	0.17	20.2	8.2	23
DD008913		0.14	0.027	0.61	1.14	437	<0.2	<10	130	0.35	0.35	0.09	0.16	18.95	9.5	21
DD008914		0.16	0.010	1.22	0.84	672	<0.2	<10	140	0.34	0.34	0.06	0.20	19.75	7.2	16
DD008915		0.16	0.008	0.52	1.06	474	<0.2	<10	130	0.33	0.41	0.08	0.26	21.7	7.8	24
DD008916		0.14	0.052	0.89	1.27	441	<0.2	<10	120	0.44	0.39	0.45	0.31	19.90	12.5	25
DD008917		0.14	0.008	0.51	1.23	204	<0.2	<10	70	0.36	0.32	0.10	0.25	19.30	8.2	24
DD008918		0.18	0.004	0.41	1.08	30.0	<0.2	<10	70	0.27	0.32	0.07	0.16	22.3	6.3	24
DD008919		0.14	0.002	0.46	1.32	25.3	<0.2	<10	70	0.35	0.27	0.08	0.24	30.2	9.7	24
DD008920		0.16	0.002	0.26	0.99	21.5	<0.2	<10	60	0.17	0.33	0.06	0.16	16.30	4.5	28
DD008921		0.16	0.003	0.62	1.05	40.5	<0.2	<10	90	0.35	0.36	0.10	0.23	21.6	8.2	22
DD008922		0.14	0.004	0.74	1.00	41.3	<0.2	<10	80	0.34	0.43	0.03	0.12	18.95	3.8	25
DD008923		0.12	0.095	2.48	1.23	649	<0.2	<10	190	0.33	0.48	0.13	0.20	18.15	3.9	42
DD008924		0.12	0.108	0.84	0.80	542	<0.2	<10	100	0.31	0.28	0.10	0.28	19.25	12.6	19
DD008925		0.18	0.004	0.27	0.81	53.9	<0.2	<10	70	0.31	0.32	0.07	0.14	22.2	13.1	16
DD008926		0.18	0.003	0.21	0.88	22.9	<0.2	<10	100	0.30	0.29	0.08	0.18	22.2	9.8	16
DD008927		0.16	0.004	0.18	0.89	19.4	<0.2	<10	90	0.29	0.24	0.17	0.25	20.4	7.3	19
DD008928		0.14	0.004	0.36	0.98	20.4	<0.2	<10	90	0.31	0.30	0.07	0.21	23.2	6.6	18
DD008929		0.14	0.006	0.21	1.16	20.2	<0.2	<10	140	0.38	0.29	0.13	0.24	19.95	9.9	28
DD008930		0.14	0.003	0.47	1.22	23.8	<0.2	<10	180	0.41	0.39	0.18	0.20	18.15	9.2	25
DD008931		0.20	0.002	0.28	0.65	85.1	<0.2	<10	80	0.28	0.28	0.09	0.27	19.85	12.3	12
DD008932		0.16	0.014	0.62	0.77	401	<0.2	<10	90	0.35	0.36	0.03	0.43	24.8	19.3	14
DD008933		0.16	0.007	0.23	0.89	48.7	<0.2	<10	60	0.20	0.41	0.05	0.16	19.35	3.8	29
DD008934		0.14	0.002	0.05	0.74	14.2	<0.2	<10	50	0.09	0.29	0.03	0.07	25.1	1.4	13
DD008935		0.12	0.001	0.21	1.51	20.5	<0.2	<10	90	0.34	0.26	0.06	0.17	19.25	6.6	26



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
DD008896		1.28	29.8	2.90	3.18	0.08	0.02	0.03	0.025	0.04	11.4	11.3	0.25	425	1.35
DD008897		1.00	35.6	2.85	3.00	0.11	<0.02	0.04	0.023	0.03	15.0	16.7	0.24	606	1.48
DD008898		0.87	51.7	3.95	2.09	0.11	0.05	0.04	0.027	0.04	12.0	12.2	0.16	1720	1.97
DD008899		1.22	37.8	3.45	2.43	0.07	0.07	0.04	0.029	0.03	12.0	13.3	0.18	442	1.58
DD008900		1.45	23.6	2.32	3.19	0.07	0.05	0.06	0.030	0.02	7.9	6.7	0.11	93	1.87
DD008901		1.05	34.0	2.80	3.26	0.06	0.03	0.09	0.027	0.03	9.5	11.0	0.20	316	1.61
DD008902		0.68	48.1	3.88	2.64	0.11	0.08	0.06	0.027	0.03	24.9	20.9	0.25	859	1.07
DD008903		0.91	104.0	5.54	2.04	0.10	0.38	0.06	0.027	0.03	10.3	26.7	0.64	1020	1.61
DD008904		0.89	280	7.59	3.72	0.16	0.09	0.14	0.061	0.02	10.4	31.1	0.34	3300	8.95
DD008905		1.25	44.7	3.42	2.81	0.07	0.03	0.06	0.027	0.03	8.8	9.1	0.14	456	1.92
DD008906		1.49	19.1	2.38	5.77	0.06	0.02	0.06	0.023	0.03	10.7	7.1	0.10	135	1.67
DD008907		2.37	26.3	2.18	4.04	0.05	0.02	0.06	0.026	0.03	8.9	5.5	0.10	134	1.96
DD008908		1.68	44.4	3.61	2.56	0.08	0.13	0.08	0.034	0.04	6.5	10.4	0.17	487	3.50
DD008909		2.82	28.4	2.69	3.04	0.07	0.03	0.10	0.032	0.04	9.3	7.1	0.15	151	1.94
DD008910		1.86	32.7	3.85	3.43	0.08	0.04	0.05	0.033	0.03	11.1	10.4	0.22	221	1.92
DD008911		2.05	36.3	3.83	3.63	0.07	0.06	0.07	0.038	0.04	9.1	14.0	0.28	660	2.32
DD008912		1.03	27.2	2.95	3.79	0.07	0.04	0.03	0.023	0.03	9.8	18.0	0.33	412	1.84
DD008913		1.96	30.5	3.11	3.62	0.07	0.03	0.05	0.033	0.04	8.8	10.7	0.21	392	1.95
DD008914		2.35	38.9	3.36	2.91	0.08	0.03	0.07	0.036	0.04	9.5	7.6	0.14	357	2.19
DD008915		2.06	45.2	3.87	3.62	0.09	0.04	0.08	0.041	0.04	10.1	8.6	0.15	309	2.77
DD008916		2.60	47.9	4.12	4.07	0.08	0.04	0.11	0.041	0.04	9.4	19.0	0.20	678	2.39
DD008917		1.87	43.6	2.94	2.87	0.07	0.04	0.11	0.034	0.03	9.5	9.8	0.20	304	2.43
DD008918		1.54	40.0	3.00	3.31	0.06	0.03	0.11	0.027	0.03	11.1	9.7	0.19	285	2.72
DD008919		1.91	48.0	2.97	3.50	0.07	0.03	0.11	0.025	0.03	14.4	13.7	0.29	331	2.02
DD008920		1.55	24.1	2.68	4.89	0.05	<0.02	0.07	0.026	0.03	8.3	6.6	0.16	210	2.87
DD008921		2.65	49.7	2.71	3.01	0.06	0.04	0.12	0.029	0.03	10.8	8.7	0.19	322	2.53
DD008922		2.57	43.2	2.80	3.21	0.06	0.04	0.11	0.035	0.03	9.8	7.0	0.12	194	3.83
DD008923		4.03	32.4	3.18	4.50	0.07	0.02	0.13	0.039	0.06	8.8	7.1	0.15	157	4.80
DD008924		1.30	37.5	3.49	2.53	0.07	0.03	0.06	0.034	0.03	9.2	7.3	0.16	600	2.08
DD008925		1.04	36.1	3.37	2.53	0.08	0.03	0.03	0.025	0.03	10.4	13.6	0.17	520	1.68
DD008926		0.96	31.9	2.99	2.90	0.07	0.03	0.04	0.024	0.03	10.4	11.7	0.17	442	1.59
DD008927		0.85	26.1	2.58	3.09	0.06	0.02	0.05	0.024	0.03	9.5	12.3	0.20	354	1.67
DD008928		1.05	35.7	2.69	3.23	0.07	0.03	0.09	0.026	0.03	11.1	12.6	0.19	246	1.83
DD008929		1.12	33.7	3.24	3.77	0.07	0.03	0.07	0.029	0.03	9.4	13.4	0.22	606	2.74
DD008930		1.65	38.3	3.36	3.76	0.07	0.04	0.08	0.033	0.04	8.9	12.2	0.18	409	2.53
DD008931		0.96	43.9	3.13	2.05	0.08	0.02	0.03	0.023	0.02	9.2	10.1	0.14	598	1.40
DD008932		1.95	64.8	4.07	2.44	0.10	0.03	0.04	0.039	0.03	11.7	11.7	0.18	1260	2.21
DD008933		1.73	20.0	2.62	4.66	0.06	<0.02	0.05	0.023	0.03	9.3	7.0	0.15	177	3.06
DD008934		1.53	6.0	1.04	7.81	<0.05	<0.02	0.04	0.013	0.03	12.3	2.4	0.06	48	1.72
DD008935		1.57	26.0	2.54	4.47	0.07	0.06	0.08	0.028	0.03	9.2	13.2	0.23	209	1.94



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
DD008896		0.39	27.5	800	20.5	5.3	<0.001	0.03	6.08	2.2	1.4	0.3	21.3	<0.01	0.05
DD008897		0.31	31.9	530	17.9	3.9	<0.001	0.02	3.44	2.2	1.7	0.2	11.8	<0.01	0.03
DD008898		0.14	99.8	670	28.9	2.6	<0.001	0.07	3.94	2.8	1.5	0.2	15.7	<0.01	0.06
DD008899		0.24	29.5	710	22.3	4.5	0.001	0.06	5.00	2.5	1.4	0.2	23.2	<0.01	0.08
DD008900		0.38	15.0	710	17.8	3.0	<0.001	0.06	6.03	1.7	1.7	0.2	13.4	<0.01	0.08
DD008901		0.46	28.5	640	15.8	5.0	<0.001	0.07	3.27	1.7	1.1	0.3	11.6	<0.01	0.06
DD008902		0.30	37.2	410	39.5	4.8	0.001	0.10	1.96	3.9	1.2	0.2	6.3	0.01	0.08
DD008903		0.09	86.6	740	43.0	2.4	0.001	0.34	3.98	2.6	1.2	<0.2	70.9	<0.01	0.15
DD008904		0.15	141.5	1300	78.6	2.0	<0.001	0.12	4.08	3.5	5.8	<0.2	28.4	0.01	0.40
DD008905		0.29	34.1	780	28.5	4.8	<0.001	0.04	2.42	1.6	1.3	0.2	15.6	<0.01	0.08
DD008906		0.81	14.0	380	14.3	6.1	<0.001	0.02	1.87	1.6	0.8	0.6	8.0	<0.01	0.06
DD008907		0.39	17.0	720	15.0	5.3	<0.001	0.06	3.29	1.4	1.1	0.4	14.2	<0.01	0.07
DD008908		0.28	43.4	1000	28.5	4.2	0.007	0.11	5.35	3.0	3.0	0.2	42.3	<0.01	0.08
DD008909		0.34	16.0	670	17.5	5.6	<0.001	0.11	12.15	1.8	1.4	0.3	42.0	<0.01	0.10
DD008910		0.43	21.1	850	24.2	5.8	<0.001	0.03	7.54	2.7	1.3	0.3	15.8	<0.01	0.07
DD008911		0.36	40.0	1210	41.2	7.7	<0.001	0.07	9.53	2.7	1.2	0.3	19.1	<0.01	0.07
DD008912		0.42	26.6	760	16.6	5.6	<0.001	0.04	1.79	1.9	0.7	0.3	13.2	<0.01	0.05
DD008913		0.29	25.3	930	22.8	6.8	<0.001	0.05	7.12	2.0	1.2	0.3	12.1	<0.01	0.07
DD008914		0.30	26.4	750	22.6	5.3	<0.001	0.11	15.85	2.3	1.5	0.2	38.1	<0.01	0.10
DD008915		0.36	29.4	1040	26.8	4.9	<0.001	0.13	10.25	2.4	2.0	0.3	24.2	<0.01	0.12
DD008916		0.45	39.6	880	28.0	6.4	0.002	0.05	7.60	2.9	1.9	0.4	35.0	0.01	0.10
DD008917		0.50	29.8	830	17.0	4.1	<0.001	0.05	6.91	2.0	1.6	0.2	25.7	<0.01	0.09
DD008918		0.57	21.5	730	16.0	4.7	<0.001	0.04	2.48	2.0	1.9	0.3	21.6	<0.01	0.12
DD008919		0.68	26.6	760	14.2	5.3	<0.001	0.03	2.22	2.4	1.7	0.3	13.9	<0.01	0.10
DD008920		0.67	17.0	820	14.8	5.8	<0.001	0.04	1.95	1.3	1.4	0.5	12.8	<0.01	0.08
DD008921		0.49	28.6	880	17.5	4.5	<0.001	0.03	6.25	2.3	1.7	0.3	24.1	<0.01	0.10
DD008922		0.33	19.8	740	20.1	3.6	<0.001	0.05	7.04	2.1	2.0	0.3	27.5	<0.01	0.16
DD008923		0.25	28.3	1490	34.4	9.2	0.001	0.16	13.95	1.0	2.2	0.5	54.2	<0.01	0.14
DD008924		0.28	40.7	700	19.5	4.4	<0.001	0.03	7.80	2.6	1.1	0.2	13.5	<0.01	0.08
DD008925		0.22	34.9	690	24.7	4.4	<0.001	0.02	3.40	2.2	0.9	0.2	9.3	<0.01	0.06
DD008926		0.28	27.0	670	19.9	5.2	<0.001	0.02	2.35	2.1	0.9	0.2	10.4	<0.01	0.05
DD008927		0.35	24.9	780	15.2	4.8	<0.001	0.03	2.14	1.9	0.9	0.3	15.7	<0.01	0.05
DD008928		0.31	26.6	780	17.3	4.7	<0.001	0.03	2.67	2.0	1.2	0.3	10.3	<0.01	0.07
DD008929		0.35	34.6	930	18.8	6.2	<0.001	0.04	2.09	2.2	1.1	0.3	14.3	<0.01	0.07
DD008930		0.32	35.9	1020	26.7	7.2	<0.001	0.04	2.45	2.5	1.3	0.3	21.4	<0.01	0.08
DD008931		0.18	38.6	650	21.2	2.7	<0.001	0.02	3.76	2.4	1.1	0.2	13.4	<0.01	0.07
DD008932		0.17	58.8	690	26.4	3.3	<0.001	0.02	14.55	3.0	1.2	0.2	10.3	<0.01	0.11
DD008933		0.37	19.2	680	12.7	5.2	<0.001	0.04	3.86	1.0	1.0	0.4	13.0	<0.01	0.07
DD008934		0.94	5.2	230	8.1	5.2	<0.001	0.02	0.96	1.1	0.4	1.0	6.1	<0.01	0.02
DD008935		0.78	20.8	580	15.5	5.8	<0.001	0.03	3.24	2.5	1.2	0.4	12.0	<0.01	0.07



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
DD008896		0.024	0.05	0.84	29	0.49	4.91	80	0.7
DD008897		0.020	0.05	1.07	22	0.16	6.02	163	<0.5
DD008898		0.012	0.03	1.13	14	0.10	11.25	310	2.7
DD008899		0.009	0.04	0.86	21	0.65	5.03	89	1.8
DD008900		0.013	0.06	0.72	26	0.30	2.51	43	1.1
DD008901		0.023	0.07	0.90	31	0.27	3.86	63	0.5
DD008902		0.012	0.04	1.09	17	0.25	24.5	81	1.6
DD008903		<0.005	0.02	1.73	6	0.12	11.50	136	24.4
DD008904		0.005	0.03	3.97	28	0.18	11.75	298	3.9
DD008905		0.015	0.06	1.12	22	0.20	3.89	81	0.5
DD008906		0.035	0.09	0.59	48	0.31	2.14	39	<0.5
DD008907		0.017	0.07	0.69	34	0.27	2.31	47	<0.5
DD008908		0.007	0.04	1.65	20	0.26	9.94	79	3.9
DD008909		0.013	0.08	0.80	26	0.37	2.30	49	0.7
DD008910		0.016	0.07	1.04	29	0.49	5.45	60	1.0
DD008911		0.015	0.10	1.21	28	2.36	6.47	101	1.3
DD008912		0.019	0.08	1.01	29	0.26	4.55	67	0.7
DD008913		0.015	0.08	1.05	29	0.40	4.66	67	0.5
DD008914		0.011	0.07	1.04	26	0.49	4.15	69	0.6
DD008915		0.012	0.06	1.03	31	0.23	4.43	69	1.2
DD008916		0.018	0.08	1.52	33	0.30	10.25	99	0.8
DD008917		0.020	0.05	1.08	28	0.20	3.33	68	1.3
DD008918		0.023	0.06	0.87	34	0.17	3.35	51	1.0
DD008919		0.030	0.08	1.03	36	0.20	4.40	58	1.0
DD008920		0.027	0.09	0.63	47	0.22	1.91	42	<0.5
DD008921		0.019	0.06	0.96	30	0.20	3.97	73	1.6
DD008922		0.011	0.06	1.03	31	0.15	2.35	54	1.4
DD008923		0.013	0.12	1.38	36	0.65	3.46	48	<0.5
DD008924		0.014	0.05	1.08	22	2.90	8.83	85	0.5
DD008925		0.008	0.05	1.07	16	0.16	4.81	73	0.7
DD008926		0.014	0.06	1.03	22	0.17	4.78	65	<0.5
DD008927		0.018	0.06	0.80	27	0.19	3.68	73	0.5
DD008928		0.015	0.05	1.09	27	0.19	4.61	64	0.6
DD008929		0.018	0.07	1.19	32	0.29	6.31	73	0.7
DD008930		0.012	0.09	1.44	29	0.24	7.72	69	0.8
DD008931		0.008	0.03	1.00	16	0.13	5.71	84	<0.5
DD008932		0.006	0.04	1.23	19	1.31	8.19	121	0.5
DD008933		0.025	0.08	0.71	43	0.36	2.24	41	<0.5
DD008934		0.045	0.19	0.49	63	0.22	1.70	16	<0.5
DD008935		0.029	0.09	0.74	39	0.26	2.60	44	1.7



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- TL43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD008936		0.14	0.004	0.28	1.20	45.5	<0.2	<10	70	0.30	0.26	0.08	0.19	21.5	7.9	25
DD008937		0.14	0.006	0.25	1.40	45.0	<0.2	<10	70	0.31	0.24	0.08	0.24	26.3	7.2	27
DD008938		0.16	0.018	0.40	0.39	200	<0.2	<10	60	0.24	0.30	0.15	0.18	15.60	16.5	15
DD008939		0.14	0.012	0.47	0.62	172.5	<0.2	<10	60	0.27	0.31	0.06	0.25	15.15	13.4	13
DD008940		0.14	0.002	0.29	0.57	18.9	<0.2	<10	70	0.25	0.29	0.12	0.23	19.55	11.6	11
DD008941		0.18	0.003	0.33	0.60	20.8	<0.2	<10	80	0.26	0.31	0.08	0.16	19.35	11.5	12
DD008942		0.14	0.004	0.38	0.85	24.9	<0.2	<10	100	0.26	0.34	0.09	0.22	16.00	8.4	29
DD008943		0.12	0.005	0.36	1.08	27.2	<0.2	<10	110	0.27	0.38	0.05	0.13	16.00	6.1	28
DD008944		0.14	0.002	0.27	0.88	20.9	<0.2	<10	80	0.29	0.29	0.04	0.19	19.40	8.8	17
DD008945		0.12	0.003	0.26	0.70	19.6	<0.2	<10	100	0.24	0.29	0.07	0.21	16.10	8.1	19
DD008946		0.18	0.004	0.46	0.93	26.6	<0.2	<10	110	0.32	0.36	0.08	0.20	15.25	9.2	23
DD008947		0.14	0.004	0.38	0.71	26.2	<0.2	<10	80	0.27	0.34	0.08	0.24	17.90	11.7	19
DD008948		0.12	<0.001	0.41	0.95	25.3	<0.2	<10	160	0.34	0.40	0.28	0.20	12.10	10.6	37
DD008949		0.16	0.007	0.57	0.47	149.0	<0.2	<10	80	0.25	0.29	0.06	0.33	19.80	16.6	11
DD008950		0.14	0.004	0.36	0.59	58.0	<0.2	<10	50	0.22	0.22	0.05	0.28	12.95	12.0	15
DD008951		0.16	0.004	0.38	1.06	40.1	<0.2	<10	60	0.31	0.27	0.08	0.22	19.85	7.8	24
DD008952		0.18	0.001	0.49	0.71	41.7	<0.2	<10	50	0.22	0.28	0.11	0.33	18.45	8.7	19
DD008953		0.14	<0.001	0.33	0.58	21.2	<0.2	<10	70	0.26	0.30	0.08	0.27	17.70	11.7	14
DD008954		0.12	<0.001	0.44	0.79	22.5	<0.2	<10	80	0.31	0.35	0.09	0.33	19.40	12.2	18
DD008955		0.12	0.001	0.36	0.59	26.6	<0.2	<10	80	0.27	0.35	0.08	0.35	20.5	16.0	13
DD008956		0.16	0.003	0.33	0.95	24.1	<0.2	<10	120	0.29	0.32	0.08	0.20	18.20	7.5	39
DD008957		0.16	0.003	0.18	0.59	16.6	<0.2	<10	60	0.22	0.20	0.12	0.27	24.2	9.3	15
DD008958		0.18	0.004	0.56	0.73	24.1	<0.2	<10	90	0.29	0.39	0.06	0.28	20.3	9.7	19
DD008959		0.16	0.006	0.37	0.82	25.2	<0.2	<10	60	0.27	0.27	0.05	0.41	17.55	8.5	23
DD008960		0.14	0.005	0.39	1.04	27.2	<0.2	<10	70	0.31	0.28	0.06	0.34	20.3	8.5	36
DD008961		0.14	0.001	0.36	0.57	22.4	<0.2	<10	80	0.29	0.32	0.13	0.79	23.3	16.4	11
DD008962		0.18	0.001	0.51	0.72	20.7	<0.2	<10	70	0.28	0.37	0.05	0.30	20.7	10.5	19
DD008963		0.10	0.003	0.62	1.05	25.3	<0.2	<10	190	0.29	0.36	0.10	0.18	16.40	7.2	37
DD008964		0.16	0.003	0.44	0.94	21.4	<0.2	<10	60	0.28	0.27	0.07	0.25	21.3	7.3	23
DD008965		0.18	0.002	0.61	1.02	25.1	<0.2	<10	60	0.36	0.32	0.06	0.34	21.8	10.7	25
DD008966		0.16	0.005	0.35	1.06	23.1	<0.2	<10	60	0.25	0.30	0.05	0.22	19.60	7.6	31
DD008967		0.18	0.002	0.58	1.16	23.3	<0.2	<10	70	0.31	0.31	0.11	0.33	19.80	9.2	30
DD008968		0.16	0.002	0.42	0.76	23.7	<0.2	<10	50	0.19	0.30	0.03	0.15	16.75	5.5	33
DD008969		0.14	0.002	0.33	1.03	20.0	<0.2	<10	70	0.23	0.26	0.04	0.10	16.55	4.4	33
DD008970		0.12	0.002	0.55	1.53	35.5	<0.2	<10	140	0.38	0.46	0.07	0.20	23.0	7.6	43
DD008971		0.16	0.002	0.37	0.90	23.9	<0.2	<10	70	0.29	0.26	0.08	0.27	26.2	7.7	22
DD008972		0.16	<0.001	0.65	1.08	36.6	<0.2	<10	100	0.45	0.30	0.08	0.31	23.5	10.4	27
DD008973		0.16	0.005	0.48	0.76	28.0	<0.2	<10	80	0.35	0.32	0.11	0.72	25.0	11.9	19
DD008974		0.14	0.002	0.42	1.35	49.6	<0.2	<10	110	0.49	0.25	0.12	0.36	27.5	10.4	30
DD008975		0.12	0.001	0.31	0.92	26.3	<0.2	<10	50	0.29	0.25	0.04	0.21	17.10	5.0	35



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CERTIFICATE OF ANALYSIS WH11176163

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
DD008936		1.51	28.1	2.71	4.21	0.07	0.04	0.06	0.023	0.03	10.4	13.3	0.23	302	1.99
DD008937		1.31	40.8	2.80	4.62	0.07	0.02	0.06	0.026	0.03	13.0	12.0	0.29	277	2.12
DD008938		0.67	44.6	3.63	1.33	0.10	0.05	0.04	0.025	0.02	7.7	4.6	0.09	906	1.95
DD008939		1.15	41.3	3.25	2.07	0.07	0.04	0.05	0.024	0.02	7.3	8.0	0.11	589	1.62
DD008940		0.81	43.1	2.96	1.94	0.08	0.03	0.06	0.022	0.02	9.7	9.7	0.13	593	1.38
DD008941		0.71	47.6	3.19	2.01	0.09	0.04	0.07	0.023	0.02	9.8	8.3	0.11	576	1.69
DD008942		1.27	39.8	2.81	3.37	0.08	0.02	0.08	0.024	0.03	8.1	10.2	0.14	382	3.34
DD008943		1.37	31.5	2.85	4.61	0.07	<0.02	0.10	0.028	0.03	8.2	8.5	0.15	225	3.33
DD008944		1.04	35.6	2.88	3.08	0.07	0.04	0.07	0.023	0.03	9.7	10.5	0.15	294	1.61
DD008945		0.93	36.2	2.69	3.08	0.07	<0.02	0.07	0.021	0.03	8.2	6.2	0.11	291	2.16
DD008946		1.40	44.4	3.21	3.54	0.09	0.04	0.10	0.028	0.03	7.6	11.2	0.16	426	2.74
DD008947		0.89	46.5	3.07	2.56	0.09	0.03	0.08	0.024	0.02	8.8	10.2	0.13	613	2.34
DD008948		1.57	42.8	3.43	3.43	0.08	0.04	0.09	0.032	0.03	6.4	8.3	0.12	462	5.02
DD008949		0.84	47.4	3.34	1.58	0.08	0.05	0.04	0.023	0.02	9.4	8.3	0.11	772	1.66
DD008950		1.21	34.6	2.58	2.10	0.07	0.03	0.07	0.020	0.02	6.3	4.5	0.09	536	1.92
DD008951		1.79	40.7	2.66	3.75	0.08	0.03	0.04	0.027	0.03	9.6	9.5	0.25	366	2.41
DD008952		2.10	48.0	2.40	2.68	0.09	0.03	0.07	0.021	0.02	9.3	5.8	0.14	318	2.11
DD008953		1.01	39.3	2.96	2.12	0.09	0.03	0.04	0.018	0.02	8.5	8.9	0.13	540	1.80
DD008954		1.39	43.1	3.30	2.63	0.10	0.03	0.07	0.025	0.03	9.5	10.5	0.12	526	2.45
DD008955		0.58	58.1	3.01	1.97	0.11	0.10	0.05	0.020	0.02	10.1	13.7	0.14	696	1.87
DD008956		1.32	32.4	2.65	3.99	0.08	0.02	0.08	0.026	0.03	9.2	10.6	0.18	320	4.35
DD008957		0.53	35.8	2.41	2.16	0.08	0.04	0.05	0.016	0.02	12.0	8.6	0.16	377	1.50
DD008958		0.99	48.8	2.81	2.54	0.08	0.03	0.12	0.024	0.03	10.3	11.5	0.13	370	2.76
DD008959		0.90	41.3	2.96	3.07	0.07	0.02	0.07	0.023	0.03	8.7	9.2	0.14	336	2.72
DD008960		1.23	36.5	2.99	4.60	0.07	<0.02	0.09	0.028	0.03	9.9	10.5	0.16	319	4.19
DD008961		0.67	49.3	3.24	1.95	0.09	0.03	0.07	0.022	0.02	11.6	7.2	0.10	701	1.67
DD008962		0.97	55.0	3.00	2.49	0.09	0.05	0.13	0.024	0.02	10.3	11.9	0.14	331	2.72
DD008963		1.73	32.4	2.88	4.63	0.07	<0.02	0.10	0.028	0.04	8.3	8.2	0.15	267	4.20
DD008964		1.54	35.5	2.40	3.03	0.09	0.04	0.09	0.024	0.03	10.7	8.5	0.16	242	2.31
DD008965		2.11	44.3	2.92	3.30	0.09	0.04	0.10	0.028	0.03	10.6	9.9	0.17	325	3.07
DD008966		1.48	32.2	2.71	5.07	0.07	<0.02	0.08	0.024	0.03	9.4	8.6	0.18	269	3.03
DD008967		2.26	39.1	2.84	3.93	0.08	0.03	0.09	0.029	0.03	9.7	10.5	0.22	396	2.99
DD008968		1.40	38.2	2.75	4.59	0.08	<0.02	0.08	0.022	0.03	8.2	4.8	0.08	335	5.08
DD008969		1.33	23.7	2.37	4.75	0.06	<0.02	0.10	0.025	0.03	8.2	7.7	0.14	162	3.58
DD008970		2.11	34.7	3.33	6.33	0.09	<0.02	0.12	0.035	0.04	11.2	12.3	0.25	393	4.81
DD008971		1.28	37.1	2.52	3.25	0.05	<0.02	0.06	0.023	0.03	11.8	8.4	0.16	282	2.14
DD008972		1.70	58.8	2.81	3.14	0.06	0.02	0.11	0.030	0.03	10.6	11.3	0.17	306	2.98
DD008973		0.90	57.9	2.91	2.43	0.06	0.04	0.11	0.024	0.02	11.1	11.3	0.16	447	2.64
DD008974		1.33	50.4	3.37	3.74	0.06	<0.02	0.08	0.026	0.04	12.6	13.6	0.26	362	2.51
DD008975		1.48	26.7	2.72	4.31	<0.05	<0.02	0.09	0.023	0.03	8.0	7.5	0.15	173	3.48



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CERTIFICATE OF ANALYSIS WH11176163

Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
DD008936		0.74	25.1	480	12.5	4.8	<0.001	0.03	3.33	2.3	1.2	0.3	18.6	<0.01	0.08	3.1
DD008937		0.47	23.5	790	12.7	5.3	<0.001	0.03	3.79	2.1	1.4	0.3	11.0	<0.01	0.07	0.9
DD008938		0.15	41.9	650	23.3	1.6	<0.001	0.01	8.35	3.3	0.9	<0.2	9.2	<0.01	0.07	9.7
DD008939		0.18	36.0	670	22.0	3.2	<0.001	0.02	3.85	1.9	1.1	<0.2	12.2	<0.01	0.07	3.3
DD008940		0.20	33.1	630	20.9	2.5	<0.001	0.01	2.43	2.6	1.0	<0.2	13.8	<0.01	0.07	6.6
DD008941		0.20	33.3	650	21.9	2.6	<0.001	0.02	2.73	2.5	1.2	<0.2	9.4	<0.01	0.08	4.1
DD008942		0.23	34.5	850	19.2	4.4	<0.001	0.04	2.75	1.6	1.4	0.2	14.2	<0.01	0.08	1.3
DD008943		0.26	26.5	1030	21.7	4.8	<0.001	0.06	2.50	1.2	1.6	0.4	14.9	<0.01	0.09	0.4
DD008944		0.28	26.1	700	20.6	5.3	<0.001	0.03	2.72	1.6	1.2	0.2	12.8	<0.01	0.06	1.9
DD008945		0.21	27.5	890	17.2	5.5	<0.001	0.06	2.35	1.2	1.1	0.2	13.7	<0.01	0.06	0.5
DD008946		0.26	33.1	930	22.6	4.6	<0.001	0.04	3.25	2.0	1.7	0.3	16.7	<0.01	0.09	1.8
DD008947		0.21	37.0	700	22.2	3.5	<0.001	0.02	2.92	2.1	1.3	0.2	12.4	<0.01	0.08	3.0
DD008948		0.25	45.8	1270	29.8	4.7	<0.001	0.08	2.66	1.9	1.8	0.3	25.3	<0.01	0.09	1.3
DD008949		0.09	43.6	550	23.6	2.2	<0.001	0.02	3.68	2.5	1.0	<0.2	14.8	<0.01	0.06	9.7
DD008950		0.20	33.2	760	16.5	2.9	<0.001	0.02	2.92	1.8	1.0	0.2	9.3	<0.01	0.05	1.8
DD008951		0.48	27.7	920	14.2	5.2	<0.001	0.03	4.82	2.7	1.5	0.3	13.6	<0.01	0.08	2.4
DD008952		0.32	33.2	870	15.9	2.9	<0.001	0.02	4.19	2.7	1.3	0.2	17.1	<0.01	0.07	4.7
DD008953		0.18	32.8	680	24.5	2.4	<0.001	0.02	2.72	2.4	1.0	<0.2	13.2	<0.01	0.05	7.3
DD008954		0.18	40.6	840	27.0	3.5	<0.001	0.03	3.18	2.4	1.5	0.2	17.3	<0.01	0.07	3.6
DD008955		0.09	42.5	640	23.9	1.9	<0.001	0.01	3.34	2.6	1.3	<0.2	10.7	<0.01	0.07	10.4
DD008956		0.35	34.9	790	18.0	5.9	<0.001	0.03	2.86	1.9	1.4	0.3	17.4	<0.01	0.08	1.5
DD008957		0.35	26.7	730	13.3	2.7	<0.001	0.02	2.44	2.1	1.0	0.2	13.8	<0.01	0.05	5.5
DD008958		0.21	33.3	710	22.3	4.2	<0.001	0.03	3.52	2.0	1.8	0.2	24.0	<0.01	0.11	2.7
DD008959		0.27	33.1	750	16.5	4.4	<0.001	0.04	2.62	1.5	1.4	0.2	11.6	<0.01	0.07	1.0
DD008960		0.43	39.6	720	16.7	5.1	<0.001	0.03	2.42	1.6	1.5	0.4	12.1	<0.01	0.08	0.8
DD008961		0.20	42.7	830	20.2	2.4	<0.001	0.02	3.63	2.3	1.6	<0.2	13.6	<0.01	0.08	5.0
DD008962		0.21	35.7	680	22.9	3.4	<0.001	0.03	3.16	1.9	1.9	0.2	23.7	<0.01	0.08	3.8
DD008963		0.25	32.6	1170	22.3	6.8	<0.001	0.07	2.60	1.1	1.6	0.4	20.5	<0.01	0.08	0.3
DD008964		0.36	26.3	890	15.1	3.9	<0.001	0.03	3.41	2.1	1.4	0.2	16.6	<0.01	0.06	3.6
DD008965		0.39	36.3	920	20.3	4.0	<0.001	0.03	3.87	2.6	2.0	0.2	17.0	<0.01	0.09	4.1
DD008966		0.48	28.2	760	14.7	5.2	<0.001	0.04	2.22	1.7	1.4	0.4	12.9	<0.01	0.08	0.7
DD008967		0.51	30.2	1100	17.0	5.4	<0.001	0.04	3.03	2.3	1.7	0.3	20.7	<0.01	0.09	2.0
DD008968		0.31	31.1	830	13.9	5.6	<0.001	0.05	2.30	1.0	1.9	0.4	10.5	<0.01	0.09	0.3
DD008969		0.40	22.1	730	13.2	5.9	<0.001	0.06	1.98	1.0	1.3	0.4	9.3	<0.01	0.07	0.2
DD008970		0.40	30.9	1330	25.2	9.2	<0.001	0.07	3.67	1.7	1.9	0.5	27.4	<0.01	0.12	0.6
DD008971		0.48	28.3	890	14.4	4.2	<0.001	0.02	3.27	1.8	1.1	0.3	14.0	<0.01	0.08	1.6
DD008972		0.49	46.4	880	18.9	4.1	0.001	0.02	4.73	2.4	1.8	0.2	18.9	<0.01	0.10	3.1
DD008973		0.46	44.5	770	17.6	3.0	<0.001	0.02	3.04	2.1	1.8	0.2	15.1	<0.01	0.08	3.7
DD008974		0.61	44.8	1010	12.9	5.6	0.001	0.03	3.61	2.5	2.1	0.4	15.3	<0.01	0.06	1.3
DD008975		0.65	26.7	610	12.2	5.2	<0.001	0.04	2.12	1.1	0.7	0.4	9.7	<0.01	0.06	0.4



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
DD008936		0.035	0.07	0.66	36	0.21	2.86	51	1.4
DD008937		0.031	0.10	1.23	42	0.26	5.64	54	<0.5
DD008938		0.006	0.02	0.84	10	2.03	10.05	84	2.0
DD008939		0.008	0.04	1.04	16	0.14	5.34	83	1.0
DD008940		0.009	0.03	1.17	16	0.13	6.70	79	1.4
DD008941		0.008	0.03	1.01	16	0.12	7.62	75	1.0
DD008942		0.012	0.05	0.94	27	0.18	4.28	74	0.5
DD008943		0.015	0.09	1.11	37	0.24	4.18	59	<0.5
DD008944		0.013	0.06	1.07	23	0.17	2.99	64	0.9
DD008945		0.015	0.06	1.12	27	0.23	3.92	68	<0.5
DD008946		0.014	0.06	1.05	28	0.17	4.91	79	0.9
DD008947		0.010	0.04	1.02	20	0.16	5.70	81	0.8
DD008948		0.008	0.08	1.43	24	0.21	8.27	69	1.0
DD008949		<0.005	0.03	1.20	10	0.09	7.00	96	2.7
DD008950		0.011	0.04	0.91	17	0.13	4.31	70	0.6
DD008951		0.026	0.07	1.21	33	0.29	4.25	64	0.9
DD008952		0.017	0.04	1.15	25	0.16	5.31	71	1.3
DD008953		0.009	0.05	1.16	13	0.10	5.19	71	1.7
DD008954		0.008	0.04	1.33	18	0.18	5.41	86	0.9
DD008955		<0.005	0.02	1.11	12	0.07	6.30	99	6.5
DD008956		0.019	0.06	0.90	33	0.25	3.31	61	0.5
DD008957		0.021	0.04	0.96	22	0.19	4.53	65	1.5
DD008958		0.010	0.05	1.18	20	0.14	4.27	79	0.9
DD008959		0.017	0.06	1.07	27	0.22	3.82	90	<0.5
DD008960		0.026	0.08	1.01	39	0.26	3.65	85	<0.5
DD008961		0.010	0.03	1.24	15	0.11	7.34	125	0.7
DD008962		0.009	0.05	1.24	19	0.11	3.14	77	1.6
DD008963		0.015	0.09	1.21	36	0.24	4.53	55	<0.5
DD008964		0.018	0.05	0.96	28	0.20	3.64	63	1.2
DD008965		0.019	0.05	1.13	30	0.17	4.43	82	1.3
DD008966		0.034	0.09	0.86	46	0.25	2.95	59	<0.5
DD008967		0.028	0.07	1.06	37	0.23	3.72	75	0.8
DD008968		0.021	0.08	0.76	40	0.22	2.34	59	<0.5
DD008969		0.022	0.09	0.73	41	0.27	2.23	40	<0.5
DD008970		0.023	0.12	1.24	50	0.31	3.60	63	<0.5
DD008971		0.021	0.06	1.03	32	0.17	3.85	69	<0.5
DD008972		0.017	0.05	1.45	29	0.16	4.67	90	0.7
DD008973		0.018	0.05	1.28	25	0.14	5.65	126	0.9
DD008974		0.028	0.09	2.00	40	0.41	6.93	101	<0.5
DD008975		0.026	0.07	0.83	39	0.26	2.19	51	<0.5



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- TL43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
DD008976		0.16	0.002	0.60	0.97	41.9	<0.2	<10	110	0.40	0.31	0.12	0.27	16.70	7.6	29
DD008977		0.12	0.001	0.62	0.75	26.4	<0.2	<10	100	0.37	0.35	0.10	1.13	20.8	15.1	19
DD008978		0.16	0.002	0.40	1.14	43.1	<0.2	<10	70	0.40	0.25	0.06	0.22	20.8	8.9	27
DD008979		0.12	0.002	0.98	0.97	57.2	<0.2	<10	60	0.31	0.32	0.05	0.18	13.70	6.5	25
DD008980		0.12	0.001	0.68	0.83	32.2	<0.2	<10	50	0.27	0.25	0.05	0.24	13.60	6.2	33
DD008981		0.16	0.002	0.58	1.03	33.9	<0.2	<10	80	0.41	0.25	0.10	0.28	22.7	9.1	24
DD008982		0.12	<0.001	0.52	1.10	45.5	<0.2	<10	180	0.51	0.41	0.10	0.22	18.60	6.7	33
DD008983		0.14	0.002	0.37	1.24	35.6	<0.2	<10	120	0.41	0.37	0.07	0.18	21.6	6.4	31
DD008984		0.20	0.001	0.42	1.06	38.0	<0.2	<10	110	0.35	0.29	0.06	0.19	21.5	6.9	21
DD008985		0.16	0.002	0.61	1.19	52.5	<0.2	<10	130	0.46	0.38	0.06	0.26	21.6	6.4	24
DD008986		0.16	0.003	0.31	0.97	37.4	<0.2	<10	50	0.28	0.24	0.05	0.19	19.10	4.9	30
DD008987		0.16	0.002	0.41	1.33	113.5	<0.2	<10	70	0.64	0.18	0.06	0.45	16.65	24.2	18
DD008988		0.14	0.002	0.65	1.25	69.2	<0.2	<10	100	0.48	0.30	0.06	0.27	21.3	12.3	29
DD008989		0.20	0.002	0.52	0.93	51.3	<0.2	<10	90	0.33	0.31	0.09	0.32	20.3	7.6	20
DD008990		0.16	0.003	0.61	1.25	40.4	<0.2	<10	110	0.51	0.31	0.09	0.39	18.70	11.4	21
DD008991		0.16	0.006	0.51	1.15	69.8	<0.2	<10	110	0.38	0.33	0.08	0.22	17.65	6.9	23
DD008992		0.12	0.008	0.56	1.50	80.8	<0.2	<10	190	0.43	0.54	0.11	0.18	16.25	5.4	30
DD008993		0.14	0.003	0.54	1.05	66.3	<0.2	<10	110	0.40	0.34	0.09	0.19	19.35	5.9	21
DD008994		0.18	0.006	0.40	1.28	49.4	<0.2	<10	80	0.33	0.32	0.06	0.26	21.7	6.7	28
DD008995		0.14	0.005	0.75	1.25	52.7	<0.2	<10	120	0.44	0.37	0.05	0.20	24.2	8.3	25
DD008996		0.14	0.004	0.38	1.18	31.0	<0.2	<10	60	0.33	0.20	0.05	0.20	21.6	6.0	23
DD008997		0.14	0.005	0.33	1.00	29.8	<0.2	<10	60	0.35	0.18	0.06	0.24	19.60	5.7	19
DD008998		0.14	0.003	0.62	1.10	66.6	<0.2	<10	160	0.50	0.31	0.09	0.21	18.20	6.8	22
DD008999		0.16	0.003	0.39	0.86	41.6	<0.2	<10	130	0.28	0.27	0.03	0.17	14.70	5.6	18



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Sample Description	Method Analyte Units LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
DD008976		1.94	39.2	2.82	3.44	0.06	<0.02	0.06	0.030	0.03	8.2	10.0	0.17	230	3.09	0.01
DD008977		1.52	48.6	3.14	2.50	0.07	0.02	0.10	0.024	0.02	9.5	8.6	0.13	714	2.76	0.01
DD008978		1.21	32.0	2.93	3.72	0.05	<0.02	0.06	0.025	0.03	9.2	12.7	0.21	278	2.39	<0.01
DD008979		1.87	41.3	2.73	3.12	0.06	<0.02	0.10	0.032	0.03	6.8	8.4	0.13	155	2.90	0.01
DD008980		1.50	35.0	2.43	3.95	0.05	<0.02	0.09	0.026	0.03	6.7	5.7	0.08	149	3.85	0.01
DD008981		1.71	47.4	2.66	3.26	0.05	0.02	0.12	0.026	0.03	10.3	10.9	0.18	307	2.45	0.01
DD008982		1.87	53.5	2.88	3.98	0.05	<0.02	0.07	0.036	0.04	8.8	11.4	0.17	266	3.92	0.01
DD008983		1.53	36.9	2.82	4.48	0.05	<0.02	0.09	0.029	0.04	10.0	10.9	0.22	328	3.32	0.01
DD008984		1.37	43.5	2.54	3.57	<0.05	0.02	0.07	0.030	0.03	9.9	11.6	0.21	275	2.56	0.01
DD008985		1.77	55.0	2.97	3.82	0.05	<0.02	0.13	0.032	0.03	9.9	10.9	0.19	282	2.59	0.01
DD008986		0.98	27.4	2.43	4.58	0.05	<0.02	0.06	0.027	0.03	8.7	9.0	0.16	158	2.74	<0.01
DD008987		1.35	60.0	2.40	2.40	0.07	0.04	0.10	0.022	0.02	7.2	11.7	0.12	933	1.95	<0.01
DD008988		1.84	40.0	3.17	3.97	0.06	<0.02	0.11	0.027	0.03	9.7	14.1	0.18	398	3.04	0.01
DD008989		1.83	33.3	2.79	2.99	0.05	0.04	0.08	0.025	0.03	8.8	8.4	0.14	315	2.04	<0.01
DD008990		1.96	59.5	3.02	3.25	0.05	0.03	0.10	0.039	0.03	8.5	13.0	0.19	331	1.87	<0.01
DD008991		2.08	39.1	2.90	4.00	0.05	<0.02	0.08	0.030	0.03	8.3	11.7	0.18	232	2.03	0.01
DD008992		3.00	42.8	3.50	5.33	<0.05	<0.02	0.14	0.047	0.04	8.0	12.1	0.18	331	3.25	0.01
DD008993		1.83	40.4	2.82	3.51	<0.05	<0.02	0.08	0.028	0.03	9.0	10.4	0.18	247	2.06	0.01
DD008994		1.56	31.8	2.76	4.99	<0.05	<0.02	0.08	0.023	0.04	10.3	12.0	0.20	300	2.15	<0.01
DD008995		1.94	45.5	3.10	4.43	0.05	<0.02	0.13	0.034	0.04	10.7	13.0	0.20	328	2.56	0.01
DD008996		1.20	26.5	2.58	3.99	0.07	<0.02	0.08	0.025	0.03	10.7	13.2	0.20	200	2.02	0.02
DD008997		1.32	32.6	2.37	3.10	0.07	0.02	0.09	0.024	0.03	9.8	12.3	0.19	170	1.49	0.02
DD008998		2.46	67.5	2.86	3.58	0.08	0.02	0.13	0.034	0.03	9.1	12.4	0.16	245	2.60	0.03
DD008999		1.39	49.1	2.43	3.00	0.08	<0.02	0.06	0.029	0.02	7.1	9.8	0.13	317	2.21	0.03



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Sample Description	Method Analyte Units LOR	ME- MS41 Nb ppm 0.05	ME- MS41 Ni ppm 0.2	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2
DD008976		0.50	39.5	910	16.2	4.7	0.001	0.04	3.72	1.8	1.3	0.3	19.6	<0.01	0.09	1.5
DD008977		0.35	47.0	790	20.7	3.0	<0.001	0.02	3.85	2.3	1.5	0.2	16.6	<0.01	0.08	4.3
DD008978		0.48	34.9	670	15.4	4.8	<0.001	0.03	2.90	1.2	1.2	0.4	11.9	<0.01	0.05	0.6
DD008979		0.35	35.8	1100	17.0	4.1	<0.001	0.06	4.59	1.2	2.0	0.3	16.1	<0.01	0.06	0.6
DD008980		0.39	39.3	860	12.4	4.8	0.001	0.05	2.79	0.5	0.3	0.4	11.3	<0.01	0.02	0.2
DD008981		0.52	38.6	910	16.0	4.1	<0.001	0.02	3.93	2.2	1.4	0.3	15.8	<0.01	0.07	2.8
DD008982		0.43	34.6	1030	20.0	5.4	0.001	0.05	5.10	1.8	1.9	0.3	28.8	<0.01	0.08	1.4
DD008983		0.43	26.3	1010	18.3	6.4	0.001	0.05	3.41	1.5	1.2	0.4	29.5	<0.01	0.10	0.7
DD008984		0.55	24.4	710	14.8	4.7	<0.001	0.03	4.01	2.5	1.0	0.3	28.8	<0.01	0.08	2.6
DD008985		0.37	26.6	1020	22.5	4.9	0.001	0.05	4.55	1.6	1.5	0.3	26.8	<0.01	0.09	1.2
DD008986		0.61	24.4	620	12.7	4.5	<0.001	0.03	2.13	0.9	1.3	0.4	10.0	<0.01	0.02	0.3
DD008987		0.48	70.8	750	12.2	3.0	<0.001	0.01	6.38	3.0	0.8	0.2	10.6	<0.01	0.03	3.9
DD008988		0.52	44.5	850	14.9	5.4	<0.001	0.02	3.21	1.7	1.9	0.3	15.9	<0.01	0.03	1.2
DD008989		0.51	28.6	1030	17.6	3.9	<0.001	0.02	4.17	2.3	1.5	0.3	17.3	<0.01	0.07	3.4
DD008990		0.59	51.1	970	17.8	4.8	0.001	0.02	3.37	2.9	2.1	0.3	18.0	<0.01	0.05	4.8
DD008991		0.50	30.6	920	17.6	5.5	<0.001	0.04	5.04	1.5	1.1	0.4	17.0	<0.01	0.08	1.0
DD008992		0.45	24.8	1330	27.6	6.7	<0.001	0.06	4.54	1.3	1.9	0.5	26.5	<0.01	0.13	0.6
DD008993		0.42	25.0	800	18.5	3.8	<0.001	0.03	4.34	2.0	1.5	0.3	20.9	<0.01	0.12	2.6
DD008994		0.67	24.2	770	15.8	6.7	0.001	0.02	2.28	1.5	0.8	0.4	13.1	<0.01	0.06	0.7
DD008995		0.56	30.0	880	18.9	5.7	0.001	0.04	3.56	1.9	1.8	0.4	20.2	<0.01	0.08	1.2
DD008996		0.55	19.5	600	12.3	6.5	<0.001	0.04	2.06	1.6	1.2	0.4	11.5	<0.01	0.06	0.8
DD008997		0.37	20.8	660	12.6	4.5	<0.001	0.05	2.70	1.2	1.3	0.2	11.3	<0.01	0.07	0.6
DD008998		0.26	25.8	1080	22.7	5.8	<0.001	0.06	5.48	1.9	2.0	0.3	24.4	<0.01	0.12	1.4
DD008999		0.23	20.4	720	14.7	4.2	<0.001	0.05	5.78	1.8	1.6	0.2	24.7	<0.01	0.10	1.5



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Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Ti ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
DD008976		0.018	0.06	1.05	32	0.25	4.67	76	0.5
DD008977		0.011	0.04	1.22	22	0.15	5.51	171	0.7
DD008978		0.021	0.07	1.26	34	0.23	3.71	81	<0.5
DD008979		0.012	0.05	1.83	29	0.16	4.27	73	<0.5
DD008980		0.013	0.06	0.96	35	0.25	2.24	61	<0.5
DD008981		0.020	0.06	1.34	30	0.18	4.30	75	0.5
DD008982		0.012	0.06	1.19	36	0.22	3.27	69	<0.5
DD008983		0.020	0.08	1.21	41	0.25	3.59	60	<0.5
DD008984		0.019	0.06	1.24	34	0.24	4.32	58	0.6
DD008985		0.020	0.05	1.28	36	0.24	3.30	64	<0.5
DD008986		0.027	0.07	0.80	43	0.34	2.25	48	<0.5
DD008987		0.015	0.05	2.74	22	0.16	5.90	114	1.4
DD008988		0.019	0.07	1.56	35	0.27	3.96	92	<0.5
DD008989		0.017	0.06	1.13	27	0.21	4.70	85	0.8
DD008990		0.019	0.05	1.48	31	0.20	4.87	99	1.1
DD008991		0.018	0.07	1.16	36	0.21	3.57	75	0.6
DD008992		0.014	0.10	1.49	46	0.32	3.59	58	<0.5
DD008993		0.014	0.04	1.01	33	0.19	3.40	59	0.6
DD008994		0.028	0.10	1.01	47	0.32	2.94	63	<0.5
DD008995		0.020	0.08	1.23	40	0.24	3.83	68	<0.5
DD008996		0.027	0.09	0.83	41	0.26	2.75	52	<0.5
DD008997		0.021	0.06	0.85	32	0.20	2.66	52	<0.5
DD008998		0.011	0.06	1.24	33	0.23	3.38	64	<0.5
DD008999		0.011	0.05	0.97	27	0.14	2.77	53	<0.5



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Method	CERTIFICATE COMMENTS
ME- MS41	Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).

APPENDIX IV

DRILL LOGS

PROJECT: M.HINTON					PROPERTY : M. HINTON				HOLE NUMBER : PDH 11-01																				Pag 1 of 1										
Drill hole data	Easting :				Depth : 45.72		Contractor :								Comment: The hole comprises tracely to fairly oxidized quartzitic phyllite with lesser phyllitic quartzite. Milky quartzite veins occurs between 35-38 m , bearing trace sphalerite.(?)																								
	Northing :				Diameter :		Drilling dates :																																
	Azimuth :				Down hole azimuth																																		
	Dip :				Down hole dip/ depth :																																		
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals								Assay *								Comment														
							Oxidation	Other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb																	
0	5	0.00	1.52	ML04501	PHY	DK	f																		Dark grey to black, fairly oxidized carbonaceous phyllite .Phyllite is slightly foliated and comprises quartzite lenses.														
5	10	1.52	3.05	ML04502		GY																																	
10	15	3.05	4.57	ML04503	PHY	MD	t																		Tracely oxidized medium grey quartzitic phyllite with lesser sections of phyllitic quartzite.														
15	20	4.57	6.10	ML04504	QTE	GY																																	
20	25	6.10	7.62	ML04505																																			
25	30	7.62	9.14	ML04506																																			
30	35	9.14	10.67	ML04507	PHY	BFF	t/f																		Slightly foliated , grey , buff beige quartzitic phyllite with weak sheen lustre.														
35	40	10.67	12.19	ML04508		BG																																	
40	45	12.19	13.72	ML04509		GY																																	
45	50	13.72	15.24	ML04510																																			
50	55	15.24	16.76	ML04511																																			
55	60	16.76	18.29	ML04512																																			
60	65	18.29	19.81	ML04513																																			
65	70	19.81	21.34	ML04514																																			
70	75	21.34	22.86	ML04515																																			
75	80	22.86	24.38	ML04516																																			
80	85	24.38	25.91	ML04517																																			
85	90	25.91	27.43	ML04518																																			
90	95	27.43	28.96	ML04519																																			
95	100	28.96	30.48	ML04520																																			
100	105	30.48	32.00	ML04521																																			
105	110	32.00	33.53	ML04522																																			
110	115	33.53	35.05	ML04523	PHY	GY	w																	Weakly oxidized medium grey quartzitic phyllite with lesser sections of whitish phyllitic quartzite. Euhedral ,trace sphalerite(?) occurs in milky quartz vein.															
115	120	35.05	36.58	ML04524	QTE	WH																																	
120	125	36.58	38.10	ML04525								t																											
125	130	38.10	39.62	ML04526	QTE	YW	f																	Fairly oxidized yellowish phyllitic quartzite.															
130	135	39.62	41.15	ML04527	PHY	GY																																	
135	140	41.15	42.67	ML04528																																			
140	145	42.67	44.20	ML04529																																			
145	150	44.20	45.72	ML04530																																			
EOH																																							

PROJECT: M.HINTON					PROPERTY : M. HINTON				HOLE NUMBER : PDH 11-02												Pag 1 of 2							
Drill hole data	Easting :				Depth : 60.96												Comment: Hole consist of phyllitic quartzite . Oxidized quartzite lenses occurs between 37-53 m.											
	Northing :				Diameter :																							
	Azimuth :				Down hole azimuth																							
	Dip : -50				Down hole dip/ depth :																							
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals								Assay *								Comment			
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb						
0	5	0.00	1.52	ML04531	QTE	GY	t																Banded, tracely oxidized, grey phyllitic quartzite. Black bands, 1-2mm, consist of foliated carbonaceous phyllite. Limonite present on foliation plans.					
5	10	1.52	3.05	ML04532	PHY																							
10	15	3.05	4.57	ML04533																								
15	20	4.57	6.10	ML04534																								
20	25	6.10	7.62	ML04535																								
25	30	7.62	9.14	ML04536																								
30	35	9.14	10.67	ML04537																								
35	40	10.67	12.19	ML04538																								
40	45	12.19	13.72	ML04539																								
45	50	13.72	15.24	ML04540																								
50	55	15.24	16.76	ML04541																								
55	60	16.76	18.29	ML04542																								
60	65	18.29	19.81	ML04543																								
65	70	19.81	21.34	ML04544																								
70	75	21.34	22.86	ML04545	QTE	GN	w															Weakly oxidized, green- grey, phyllitic quartzite. Locally, where chlorite is pervasive , the color is dark green. Occasionally ,small quartzite lenses are moderately oxidized (29 -30.5 m).						
75	80	22.86	24.38	ML04546	PHY	GY																						
80	85	24.38	25.91	ML04547																								
85	90	25.91	27.43	ML04548																								
90	95	27.43	28.96	ML04549																								
95	100	28.96	30.48	ML04550																								
100	105	30.48	32.00	ML04551																								
105	110	32.00	33.53	ML04552																								
110	115	33.53	35.05	ML04553																								
115	120	35.05	36.58	ML04554																								
120	125	36.58	38.10	ML04555	QTE	GY	t/															Grey ,yellowish, tracely oxidized phyllitic quartzite with moderately oxidized ,quartzite lenses.						
125	130	38.10	39.62	ML04556	PHY	YW	m																					
130	135	39.62	41.15	ML04557																								
135	140	41.15	42.67	ML04558																								
140	145	42.67	44.20	ML04560																								
145	150	44.20	45.72	ML04561																								
150	155	45.72	47.24	ML04562																								
155	160	47.24	48.77	ML04563																								

160	165	48.77	50.29	ML04564																				
165	170	50.29	51.82	ML04565																				
170	175	51.82	53.34	ML04566																				
175	180	53.34	54.86	ML04567																				
180	185	54.86	56.39	ML04568	QTE PHY	DK GY	w														Banded, weakly oxidized, grey phyllitic quartzite. Black bands, 1-2mm, consist of foliated carbonaceous phyllite. Limonite present on foliation plans.			
185	190	56.39	57.91	ML04569																				
190	195	57.91	59.44	ML04570																				
195	200	59.44	60.96	ML04571																				
EOH																								

PROJECT: M.HINTON					PROPERTY : M. HINTON				HOLE NUMBER : PDH 11-03															Pag 1 of 2																								
Drill hole data	Easting :				Depth : 64.01										Comment: The hole comprises weakly oxidized phyllitic quartzite and lesser, green quartzitic phyllite. Trace mineralization occurs between 32-59.4 m, and consist of pyrite, arsenopyrite and a fine grey sulphide powder.																																	
	Northing :				Diameter :																																											
	Azimuth :				Down hole azimuth																																											
	Dip :				Down hole dip/ depth :																																											
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *								Comment																									
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb																										
0	5	0.00	1.52	ML04572	QTE	GY	t-																Grey, trace to fairly oxidized phyllitic quartzite. Alteration increases with depth. Yellowish, opaque, quartz lenses are common .																									
5	10	1.52	3.05	ML04573	PHY		f																																									
10	15	3.05	4.57	ML04574																																												
15	20	4.57	6.10	ML04575																																												
20	25	6.10	7.62	ML04576																																												
25	30	7.62	9.14	ML04577																																												
30	35	9.14	10.67	ML04578																																												
35	40	10.67	12.19	ML04579																																												
40	45	12.19	13.72	ML04580																																												
45	50	13.72	15.24	ML04581																																												
50	55	15.24	16.76	ML04582																																												
55	60	16.76	18.29	ML04583																																												
60	65	18.29	19.81	ML04584																																												
65	70	19.81	21.34	ML04585																																												
70	75	21.34	22.86	ML04586																																												
75	80	22.86	24.38	ML04587																																												
80	85	24.38	25.91	ML04588																																												
85	90	25.91	27.43	ML04589	QTE	GN	t																Tracely oxidized, dark green quartzitic phyllite with chlorite.																									
90	95	27.43	28.96	ML04590	PHY																																											
95	100	28.96	30.48	ML04592																																												
100	105	30.48	32.00	ML04593																																												
105	110	32.00	33.53	ML04594	QTE	GN	w																Weakly oxidized section of green quartzitic phyllite in contact with underlain, grey phyllitic quartzite.																									
					PHY	GY																																										
110	115	33.53	35.05	ML04595	QTE	GY	w		t		t												Weakly oxidized ,tracely mineralized , grey phyllitic quartzite. Milky or yellowish ,limonite stained, quartz lenses (veins), occurs occasionally. Trace mineralization occurs throughout the interval, and consist of pyrite, and a fine grey sulphide powder. Arsenopyrite occurs as euhedral crystals (2 crysts) in a small section (57.5-59.5 m). Pyrite occurs fine disseminated, microscopic, solitaire crystals or aggregates.																									
115	120	35.05	36.58	ML04596																																												
120	125	36.58	38.10	ML04597					t r a c e																																							
125	130	38.10	39.62	ML04598																																												
130	135	39.62	41.15	ML04599																																												
135	140	41.15	42.67	ML04600																																												
140	145	42.67	44.20	ML04601																																												
145	150	44.20	45.72	ML04602																																												
150	155	45.72	47.24	ML04603																																												

155	160	47.24	48.77	ML04604					t r a c e														
160	165	48.77	50.29	ML04605																			
165	170	50.29	51.82	ML04606																			
170	175	51.82	53.34	ML04607																			
175	180	53.34	54.86	ML04608																			
180	185	54.86	56.39	ML04609																			
185	190	56.39	57.91	ML04610																			
190	195	57.91	59.44	ML04611							t												
195	200	59.44	60.96	ML04612						QTE PHY	GY												Grey phyllitic quartzite.
200	205	60.96	62.48	ML04613																			
205	210	62.48	64.01	ML04614																			
EOH																							

trace

QTE
PHY

Grey phyllitic quartzite.

PROJECT : M.HINTON					PROPERTY : M. HINTON			HOLE NUMBER : PDH 11-04										Pag 1 of 2								
Drill hole data	Easting :		Depth : 60.96		Comment: The hole comprises weakly oxidized phyllitic quartzite and lesser, green quartzitic phyllite. Trace mineralization occurs between 35-60.96 m, and consist of pyrite and a fine black sulphide powder.																					
	Northing :		Diameter :																							
	Azimuth :		Down hole azimuth																							
	Dip : -50		Down hole dip/ depth :																							
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *						Comment					
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As		Bi	Sb			
0	5	0.00	1.52	ML04615	QTE	GY	t																	Grey, phyllitic quartzite.		
5	10	1.52	3.05	ML04616																						
10	15	3.05	4.57	ML04617																						
15	20	4.57	6.10	ML04618																						
20	25	6.10	7.62	ML04619																						
25	30	7.62	9.14	ML04620																						
30	35	9.14	10.67	ML04621																						
35	40	10.67	12.19	ML04622																						
40	45	12.19	13.72	ML04623																						
45	50	13.72	15.24	ML04624																						
50	55	15.24	16.76	ML04625																						
55	60	16.76	18.29	ML04626																						
60	65	18.29	19.81	ML04627	QTE	YW	m-s																Yellowish, opaque, barren quartz vein with limonite on fractures.			
65	70	19.81	21.34	ML04628	PHY	BK																	Quartzitic phyllite with graphite.			
70	75	21.34	22.86	ML04629																						
75	80	22.86	24.38	ML04631																						
80	85	24.38	25.91	ML04632	QTE	GY YW GN	m																Phyllitic quartzite, moderately oxidized, interbedded with quartzitic phyllite, with chlorite.			
85	90	25.91	27.43	ML04633																						
90	95	27.43	28.96	ML04634																						
95	100	28.96	30.48	ML04635	PHY	GN	w-s																Dark green ,quartzitic phyllite with chlorite. Oxidation level increases with depth.			
100	105	30.48	32.00	ML04636																						
105	110	32.00	33.53	ML04637																						
110	115	33.53	35.05	ML04638																						
115	120	35.05	36.58	ML04639	QTE	YW GY	w-s		t	t r a c e													Weak to occasionally strong oxidized, yellowish-grey phyllitic quartzite with lesser, green quartzitic phyllite. Milky quartzite veins are common. Limonite is strong on fractures. Trace mineralization consist of pyrite and dark grey sulphide powder. <1mm pyrite aggregates occurs in oxidized quartz veins. Solitaire pyrite crystals are disseminated in sucrosic quartzite matrix.			
120	125	36.58	38.10	ML04640																						
125	130	38.10	39.62	ML04641																						
130	135	39.62	41.15	ML04642	QTE	YW	w-s			t r a c e													Milky ,oxidized , quartz vein in grey, phyllitic quartzite. Trace ,smoky , sulphide powder occurs on small fractures.			
135	140	41.15	42.67	ML04643																						

140	145	42.67	44.20	ML04644	PHY	BK	w													Quartzitic phyllite with graphite.				
145	150	44.20	45.72	ML04645																				
150	155	45.72	47.24	ML04646																				
155	160	47.24	48.77	ML04647																				
160	165	48.77	50.29	ML04648																				
165	170	50.29	51.82	ML04649	QTE	GY			t											Grey, phyllitic quartzite. Trace to occasionally strong mineralization occurs throughout the interval and consist of pyrite and black sulphide powder. Pyrite is disseminated in sucrosic quartzite matrix. Occasionally, black sulphides, powders chalcedony crust in small fractures.				
170	175	51.82	53.34	ML04650					w															
175	180	53.34	54.86	ML04651					w-s	t r a c e														
180	185	54.86	56.39	ML04652																				
185	190	56.39	57.91	ML04653					t-w															
190	195	57.91	59.44	ML04654																				
195	200	59.44	60.96	ML04655																				
EOH																								

PROJECT: M.HINTON					PROPERTY : M. HINTON				HOLE NUMBER : PDH 11-05															Pag 1 of										
Drill hole data	Easting :				Depth : 47.24												Comment: Interbedded phyllitic quartzite with quartzitic phyllite. Trace sulphides occurs at the end of the hole.																	
	Northing :				Diameter :																													
	Azimuth :				Down hole azimuth																													
	Dip : -50				Down hole dip/ depth :																													
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals							Assay *								Comment										
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb												
0	5	0.00	1.52	ML04656	QTE	GY	t-f																	Trace to fairly oxidized, grey phyllitic quartzite interbedded with lesser carbonaceous phyllite. Limonite on fracture plans.										
5	10	1.52	3.05	ML04657																														
10	15	3.05	4.57	ML04658																														
15	20	4.57	6.10	ML04659																														
20	25	6.10	7.62	ML04660																														
25	30	7.62	9.14	ML04661																														
30	35	9.14	10.67	ML04662	PHY	BN BF	w																	Buffed brown, quartzitic phyllite interbedded ,with lesser phyllitic quartzite.										
35	40	10.67	12.19	ML04663																														
40	45	12.19	13.72	ML04664																														
45	50	13.72	15.24	ML04665																														
50	55	15.24	16.76	ML04667																														
55	60	16.76	18.29	ML04668																														
60	65	18.29	19.81	ML04669																														
65	70	19.81	21.34	ML04670																														
70	75	21.34	22.86	ML04671																														
75	80	22.86	24.38	ML04672																														
80	85	24.38	25.91	ML04673																														
85	90	25.91	27.43	ML04674	QTE	GY																		Grey, phyllitic quartzite.										
90	95	27.43	28.96	ML04675																														
95	100	28.96	30.48	ML04676																														
100	105	30.48	32.00	ML04677																														
105	110	32.00	33.53	ML04678																														
110	115	33.53	35.05	ML04679																														
115	120	35.05	36.58	ML04680																														
120	125	36.58	38.10	ML04681																														
125	130	38.10	39.62	ML04682																														
130	135	39.62	41.15	ML04683																														
135	140	41.15	42.67	ML04684																														
140	145	42.67	44.20	ML04685																														
145	150	44.20	45.72	ML04686	QTE	WH GY	m		t r a c e																		Moderately oxidized ,phyllitic quartzite. Black powder (trace sulphides ?) smokes milky quartz vein.							
150	155	45.72	47.24	ML04687																														
EOH																																		

PROJECT: M.HINTON					PROPERTY : M. HINTON				HOLE NUMBER : PDH 11-06														Pag 1 of											
Drill hole data	Easting :				Depth : 60.96												Comment: Interbedded phyllitic quartzite with quartzitic phyllite. Trace sulphides occurs at the end of the hole.																	
	Northing :				Diameter :																													
	Azimuth :				Down hole azimuth																													
	Dip : -50				Down hole dip/ depth :																													
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *										Comment									
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb												
0	5	0.00	1.52	ML04688	QTE	GY	t																	Trace to fairly oxidized, grey phyllitic quartzite interbedded with lesser carbonaceous phyllite. Limonite on fracture plans.										
5	10	1.52	3.05	ML04689																														
10	15	3.05	4.57	ML04690																														
15	20	4.57	6.10	ML04691	PHY	BF GN BN	t																	Buffed brown, dark green, quartzitic phyllite interbedded ,with lesser phyllitic quartzite. Barren milky quartz lenses are common.										
20	25	6.10	7.62	ML04692																														
25	30	7.62	9.14	ML04693																														
30	35	9.14	10.67	ML04694	QTE	YW RD	s		t															Sucrosic quartzite with fair disseminated oxidized pyrite. Limonite pseudomorph after pyrite is common.										
35	40	10.67	12.19	ML04695	Q TE PHY	GY BF BN	w- s		t															Weak to occasionally strong oxidized, grey phyllitic quartzite interbedded with lesser buff-brown quartzitic phyllite. Limonite on fracture plans, and pseudomorph after pyrite. Barren milky quartz veins (lenses) occurs between 18-21.3 m.										
40	45	12.19	13.72	ML04696																														
45	50	13.72	15.24	ML04697																														
50	55	15.24	16.76	ML04698																														
55	60	16.76	18.29	ML04699																														
60	65	18.29	19.81	ML04700																														
65	70	19.81	21.34	ML04701																														
70	75	21.34	22.86	ML04703																														
75	80	22.86	24.38	ML04704																														
80	85	24.38	25.91	ML04705																														
85	90	25.91	27.43	ML04706																														
90	95	27.43	28.96	ML04707																														
95	100	28.96	30.48	ML04708																														
100	105	30.48	32.00	ML04709	QTE	GY	t																Tracely oxidized on foliation plans, phyllitic quartzite.											
105	110	32.00	33.53	ML04710																														
110	115	33.53	35.05	ML04711																														
115	120	35.05	36.58	ML04712																														
120	125	36.58	38.10	ML04713	PHY	BN BF	w																Quartzitic phyllite, weakly oxidized.											
125	130	38.10	39.62	ML04714																														
130	135	39.62	41.15	ML04715																														
135	140	41.15	42.67	ML04716																														
140	145	42.67	44.20	ML04717																														
145	150	44.20	45.72	ML04718																														
150	155	45.72	47.24	ML04719	QTE	GY	t																Tracely oxidized ,phyllitic quartzite. Black powder (trace sulphides ?)											

155	160	47.24	48.77	ML04720
160	165	48.77	50.29	ML04721
165	170	50.29	51.82	ML04722
170	175	51.82	53.34	ML04723
175	180	53.34	54.86	ML04724
180	185	54.86	56.39	ML04725
185	190	56.39	57.91	ML04726
190	195	57.91	59.44	ML04727
195	200	59.44	60.96	ML04728
EOH				

PROJECT: M.HINTON					PROPERTY : M. HINTON				HOLE NUMBER : PDH 11-07															Pag 1 of							
Drill hole data	Easting :				Depth : 60.96												Comment: Interbedded phyllitic quartzite with quartzitic phyllite. Trace sulphides occurs at the end of the hole.														
	Northing :				Diameter :																										
	Azimuth :				Down hole azimuth																										
	Dip : -50				Down hole dip/ depth :																										
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *										Comment						
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb									
0	5	0.00	1.52	ML04729	QTE	GY	w																	Grey phyllitic quartzite. Weak limonite on foliation plans.							
5	10	1.52	3.05	ML04730																											
10	15	3.05	4.57	ML04731																											
15	20	4.57	6.10	ML04732																											
20	25	6.10	7.62	ML04733																											
25	30	7.62	9.14	ML04734	QTE PHY	BN GN GY	w- s																	Brown -buff, locally green (chlorite) , quartzitic phyllite interbedded with lesser grey phyllitic quartzite. Barren quartz lenses are common between : 18.5-21.3 m and 35-47.2 , and occasionally comprises strong limonite aggregates in small vugs. Weak limonite is common throughout the interval.							
30	35	9.14	10.67	ML04735																											
35	40	10.67	12.19	ML04736																											
40	45	12.19	13.72	ML04737																											
45	50	13.72	15.24	ML04739																											
50	55	15.24	16.76	ML04740																											
55	60	16.76	18.29	ML04741																											
60	65	18.29	19.81	ML04742																											
65	70	19.81	21.34	ML04743																											
70	75	21.34	22.86	ML04744																											
75	80	22.86	24.38	ML04745																											
80	85	24.38	25.91	ML04746																											
85	90	25.91	27.43	ML04747																											
90	95	27.43	28.96	ML04748																											
95	100	28.96	30.48	ML04749																											
100	105	30.48	32.00	ML04750																											
105	110	32.00	33.53	ML04751																											
110	115	33.53	35.05	ML04752																											
115	120	35.05	36.58	ML04753																											
120	125	36.58	38.10	ML04754																											
125	130	38.10	39.62	ML04755																											
130	135	39.62	41.15	ML04756																											
135	140	41.15	42.67	ML04757																											
140	145	42.67	44.20	ML04758																											
145	150	44.20	45.72	ML04759																											
150	155	45.72	47.24	ML04760																											
155	160	47.24	48.77	ML04761	QTE	GY	t																Grey phyllitic quartzite. Trace limonite on foliation plans. Black powder								

160	165	48.77	50.29	ML04762					t r a c e								(sulphides ?) occurs on corroded ,small fracture plans. Euhedral quartz crystals (<1mm) occurs in small vugs. (48.77-53.34 m)	
165	170	50.29	51.82	ML04763														
170	175	51.82	53.34	ML04764														
175	180	53.34	54.86	ML04765														
180	185	54.86	56.39	ML04766														
185	190	56.39	57.91	ML04767														
190	195	57.91	59.44	ML04768														
195	200	59.44	60.96	ML04769														
EOH																		

PROJECT: M.HINTON					PROPERTY : M. HINTON					HOLE NUMBER : PDH 11-08															Pag 1 of 2												
Drill hole data	Easting :				Depth : 60.96												Comment: Interbedded phyllitic quartzite with quartzitic phyllite. Trace sulphides occurs at the end of the hole.																				
	Northing :				Diameter :																																
	Azimuth :				Down hole azimuth																																
	Dip : -50				Down hole dip/ depth :																																
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *										Comment												
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb															
0	5	0.00	1.52	ML04770	QTE	GY																		Grey phyllitic quartzite.													
5	10	1.52	3.05	ML04771																																	
10	15	3.05	4.57	ML04772																																	
15	20	4.57	6.10	ML04773																																	
20	25	6.10	7.62	ML04775																																	
25	30	7.62	9.14	ML04776	QTE PHY	BF BN GY	w- m																	Brown -buff, quartzitic phyllite interbedded with lesser grey phyllitic quartzite. Barren quartz lenses are common between : 15.24-19.8 m , and occasionally comprises moderate limonite aggregates in small vugs. Weak limonite is common throughout the interval.													
30	35	9.14	10.67	ML04777																																	
35	40	10.67	12.19	ML04778																																	
40	45	12.19	13.72	ML04779																																	
45	50	13.72	15.24	ML04780																																	
50	55	15.24	16.76	ML04781																																	
55	60	16.76	18.29	ML04782																																	
60	65	18.29	19.81	ML04783																																	
65	70	19.81	21.34	ML04784																																	
70	75	21.34	22.86	ML04785																																	
75	80	22.86	24.38	ML04786																																	
80	85	24.38	25.91	ML04787																																	
85	90	25.91	27.43	ML04788																																	
90	95	27.43	28.96	ML04789																																	
95	100	28.96	30.48	ML04790																																	
100	105	30.48	32.00	ML04791																																	
105	110	32.00	33.53	ML04792																																	
110	115	33.53	35.05	ML04793																																	
115	120	35.05	36.58	ML04794																																	
120	125	36.58	38.10	ML04795																																	
125	130	38.10	39.62	ML04796																																	
130	135	39.62	41.15	ML04797																																	
135	140	41.15	42.67	ML04798					QTE	GY	t																	Grey phyllitic quartzite.									
140	145	42.67	44.20	ML04799																																	
145	150	44.20	45.72	ML04800																																	
150	155	45.72	47.24	ML04801																																	
155	160	47.24	48.77	ML04802																																	

160	165	48.77	50.29	ML04803
165	170	50.29	51.82	ML04804
170	175	51.82	53.34	ML04805
175	180	53.34	54.86	ML04806
180	185	54.86	56.39	ML04807
185	190	56.39	57.91	ML04808
190	195	57.91	59.44	ML04809
195	200	59.44	60.96	ML04810
EOH				

PROJECT: M.HINTON					PROPERTY : M. HINTON				HOLE NUMBER : PDH 11-09															Pag 1 of 2									
Drill hole data	Easting :				Depth : 60.96												Comment: Interbedded carbonaceous phyllitic quartzite with more oxidized phyllitic quartzite. Barren quartz veins are common.																
	Northing :				Diameter :																												
	Azimuth :				Down hole azimuth																												
	Dip : -50				Down hole dip/ depth :																												
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *								Comment										
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb											
0	5	0.00	1.52	ML04811	QTE	DK GY																		Dark grey phyllitic quartzite with graphite.									
5	10	1.52	3.05	ML04812																													
10	15	3.05	4.57	ML04813																													
15	20	4.57	6.10	ML04814																													
20	25	6.10	7.62	ML04815																													
25	30	7.62	9.14	ML04816	QTE	GY YW	t																	Tracely oxidized, grey- yellowish phyllitic quartzite									
30	35	9.14	10.67	ML04817																													
35	40	10.67	12.19	ML04818																													
40	45	12.19	13.72	ML04819																													
45	50	13.72	15.24	ML04820																													
50	55	15.24	16.76	ML04821	QTE	DK GY	t																	Tracely oxidized, dark- grey phyllitic quartzite with barren milky quartz lenses (veins). Trace limonite aggregates occurs interstitial.									
55	60	16.76	18.29	ML04822																													
60	65	18.29	19.81	ML04823																													
65	70	19.81	21.34	ML04824																													
70	75	21.34	22.86	ML04826					QTE	DK GY	t																	Tracely oxidized phyllitic quartzite.					
75	80	22.86	24.38	ML04827																													
80	85	24.38	25.91	ML04828																													
85	90	25.91	27.43	ML04829																													
90	95	27.43	28.96	ML04830																													
95	100	28.96	30.48	ML04831																													
100	105	30.48	32.00	ML04832																													
105	110	32.00	33.53	ML04833																													
110	115	33.53	35.05	ML04834																													
115	120	35.05	36.58	ML04835																													
120	125	36.58	38.10	ML04836	QTE	GY YW	w																					Weakly oxidized, grey- yellowish phyllitic quartzite with barren milky quartz lenses (veins).					
125	130	38.10	39.62	ML04837																													
130	135	39.62	41.15	ML04838																													
135	140	41.15	42.67	ML04839																													
140	145	42.67	44.20	ML04840																													
145	150	44.20	45.72	ML04841																													
150	155	45.72	47.24	ML04842	QTE	GY YW	w																	Weakly oxidized, grey- yellowish phyllitic quartzite.									
155	160	47.24	48.77	ML04843																													

[illegible]

"n=none,t<1%,w=1-3%,f=3-5%,m=5-7%,ms=7-10%,s=10-15%,i=15-20%

PROJECT: M.HINTON					PROPERTY : M. HINTON				HOLE NUMBER : PDH 11-12														Pag 1 of 2				
Drill hole data	Easting :				Depth : 60.96												Comment: Phyllitic quartzite comprises barren milky quartz veins at the end of the hole.										
	Northing :				Diameter :																						
	Azimuth :				Down hole azimuth																						
	Dip : -50				Down hole dip/ depth :																						
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *								Comment				
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb					
0	5	0.00	1.52	ML04888	QTE	DK GY																		Phyllitic quartzite with fair graphite.			
5	10	1.52	3.05	ML04889																							
10	15	3.05	4.57	ML04890																							
15	20	4.57	6.10	ML04891																							
20	25	6.10	7.62	ML04892																							
25	30	7.62	9.14	ML04893																							
30	35	9.14	10.67	ML04894																							
35	40	10.67	12.19	ML04895																							
40	45	12.19	13.72	ML04896																							
45	50	13.72	15.24	ML04897																							
50	55	15.24	16.76	ML04899																							
55	60	16.76	18.29	ML04900																							
60	65	18.29	19.81	ML04901																							
65	70	19.81	21.34	ML04902	QTE	GY YW	w-m																Weakly oxidized, grey-yellowish phyllitic quartzite. Limonite common on foliation plans.				
70	75	21.34	22.86	ML04903																							
75	80	22.86	24.38	ML04904																							
80	85	24.38	25.91	ML04905																							
85	90	25.91	27.43	ML04906																							
90	95	27.43	28.96	ML04907																							
95	100	28.96	30.48	ML04908																							
100	105	30.48	32.00	ML04909																							
105	110	32.00	33.53	ML04910																							
110	115	33.53	35.05	ML04911																							
115	120	35.05	36.58	ML04912																							
120	125	36.58	38.10	ML04913																							
125	130	38.10	39.62	ML04914																							
130	135	39.62	41.15	ML04915																							
135	140	41.15	42.67	ML04916																							
140	145	42.67	44.20	ML04917																							
145	150	44.20	45.72	ML04918																							
150	155	45.72	47.24	ML04919																							
155	160	47.24	48.77	ML04920																							

[illegible]

PROJECT: M.HINTON				PROPERTY : M. HINTON				HOLE NUMBER :PDH 11-11														Pag 1 of 1								
Drill hole data	Easting :		Depth : 28.96		Comment: Phyllitic quartzite comprises a few barren milky quartz veins .																									
	Northing :		Diameter :																											
	Azimuth :		Down hole azimuth																											
	Dip : -50		Down hole dip/ depth :																											
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *										Comment					
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb								
0	5	0.00	1.52	ML04869	QTE	GY	t																	Tracely oxidized phyllitic quartzite with graphite.						
5	10	1.52	3.05	ML04870																										
10	15	3.05	4.57	ML04871																										
15	20	4.57	6.10	ML04872																										
20	25	6.10	7.62	ML04873																										
25	30	7.62	9.14	ML04874																										
30	35	9.14	10.67	ML04875	QTE	GY YW	t																	Tracely oxidized phyllitic quartzite with trace graphite. Barren milky-yellowish quartz veins occurs between :10.67-15.24m.						
35	40	10.67	12.19	ML04876																										
40	45	12.19	13.72	ML04877																										
45	50	13.72	15.24	ML04878																										
50	55	15.24	16.76	ML04879																										
55	60	16.76	18.29	ML04880																										
60	65	18.29	19.81	ML04881																										
65	70	19.81	21.34	ML04882																										
70	75	21.34	22.86	ML04883																										
75	80	22.86	24.38	ML04884																										
80	85	24.38	25.91	ML04885																										
85	90	25.91	27.43	ML04886																										
90	95	27.43	28.96	ML04887																										
EOH																														

*Au in ppb,all other metals in ppm,except when values are bold wich are expressed in % "n=none,t<1%,w=1-3%,f=3-5%,m=5-7%,ms=7-10%,s=10-15%,i=15-20%

PROJECT: M.HINTON					PROPERTY : M. HINTON					HOLE NUMBER : PDH 11-13															Pag 1 of 1									
Drill hole data	Easting :				Depth : 42.67												Comment: Interbedded carbonaceous phyllitic quartzite with more oxidized phyllitic quartzite. Barren quartz veins are common.																	
	Northing :				Diameter :																													
	Azimuth :				Down hole azimuth																													
	Dip : -50				Down hole dip/ depth :																													
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals							Assay *							Comment											
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb												
0	5	0.00	1.52	ML04929	QTE	DK GY	t																	Tracely oxidized, dark grey phyllitic quartzite with graphite.										
5	10	1.52	3.05	ML04930																														
10	15	3.05	4.57	ML04931																														
15	20	4.57	6.10	ML04932																														
20	25	6.10	7.62	ML04933	QTE	DK GY	t																	Tracely oxidized, dark grey phyllitic quartzite with lesser graphite. Barren milky quartz veins, white or yellow, occurs occasionally.										
25	30	7.62	9.14	ML04934																														
30	35	9.14	10.67	ML04935																														
35	40	10.67	12.19	ML04936																														
40	45	12.19	13.72	ML04937																														
45	50	13.72	15.24	ML04938																														
50	55	15.24	16.76	ML04939																														
55	60	16.76	18.29	ML04941																														
60	65	18.29	19.81	ML04942																														
65	70	19.81	21.34	ML04943																														
70	75	21.34	22.86	ML04944																														
75	80	22.86	24.38	ML04945																														
80	85	24.38	25.91	ML04946																														
85	90	25.91	27.43	ML04947																														
90	95	27.43	28.96	ML04948																														
95	100	28.96	30.48	ML04949																														
100	105	30.48	32.00	ML04950																														
105	110	32.00	33.53	ML04951	QTE	GY YW	w- i																	Weak to locally intensely oxidized, grey yellowish phyllitic quartzite. Limonite pseudomorph after lath minerals (mica), is common. Barren milky quartz veins occurs occasionally.										
110	115	33.53	35.05	ML04952																														
115	120	35.05	36.58	ML04953																														
120	125	36.58	38.10	ML04954																														
125	130	38.10	39.62	ML04955																														
130	135	39.62	41.15	ML04956																														
135	140	41.15	42.67	ML04957																														
EOH																																		

PROJECT: M.HINTON				PROPERTY : M. HINTON				HOLE NUMBER :PDH 11-14														Pag 1 of 1					
Drill hole data	Easting :		Depth : 28.96		Comment: Phyllitic quartzite with occasionally barren quartz veins.																						
	Northing :		Diameter :																								
	Azimuth :		Down hole azimuth																								
	Dip : -50		Down hole dip/ depth :																								
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *										Comment		
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb					
0	5	0.00	1.52	ML04958	QTE	DK GY																		Dark grey phyllitic quartzite with graphite. Barren milky quartz veins occurs occasionally.			
5	10	1.52	3.05	ML04959																							
10	15	3.05	4.57	ML04960																							
15	20	4.57	6.10	ML04961																							
20	25	6.10	7.62	ML04962																							
25	30	7.62	9.14	ML04963																							
30	35	9.14	10.67	ML04964																							
35	40	10.67	12.19	ML04965																							
40	45	12.19	13.72	ML04966																							
45	50	13.72	15.24	ML04967																							
50	55	15.24	16.76	ML04968																							
55	60	16.76	18.29	ML04969																							
60	65	18.29	19.81	ML04970	QTE	GY	t																	Tracely oxidized phyllitic quartzite with lesser graphite.			
65	70	19.81	21.34	ML04971																							
70	75	21.34	22.86	ML04972																							
75	80	22.86	24.38	ML04973																							
80	85	24.38	25.91	ML04974																							
85	90	25.91	27.43	ML04975																							
90	95	27.43	28.96	ML04976																							
EOH																											

PROJECT: M.HINTON					PROPERTY : M. HINTON			HOLE NUMBER : PDH 11-15												Pag 1 of 2								
Drill hole data	Easting :		Depth : 54.86		Comment: Interbedded carbonaceous phyllitic quartzite with more oxidized phyllitic quartzite. Barren quartz veins are common.																							
	Northing :		Diameter :																									
	Azimuth :		Down hole azimuth																									
	Dip : -50		Down hole dip/ depth :																									
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *										Comment			
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb						
0	5	0.00	1.52	ML04977	QTE	DK GY	t																	Tracely oxidized, dark grey phyllitic quartzite with graphite.				
5	10	1.52	3.05	ML04979																								
10	15	3.05	4.57	ML04980																								
15	20	4.57	6.10	ML04981																								
20	25	6.10	7.62	ML04982																								
25	30	7.62	9.14	ML04983	QTE	GY YW	t-w																	Trace to weakly oxidized, grey - yellowish phyllitic quartzite with occasionally, barren, milky quartz veins.				
30	35	9.14	10.67	ML04984																								
35	40	10.67	12.19	ML04985																								
40	45	12.19	13.72	ML04986																								
45	50	13.72	15.24	ML04987																								
50	55	15.24	16.76	ML04988																								
55	60	16.76	18.29	ML04989	QTE	DK GY	t																	Tracely oxidized, dark grey phyllitic quartzite with graphite.				
60	65	18.29	19.81	ML04990																								
65	70	19.81	21.34	ML04991																								
70	75	21.34	22.86	ML04992	QTE	GY YW	t-m																	Trace to weakly oxidized, grey - yellowish phyllitic quartzite with occasionally, barren, milky quartz veins.				
75	80	22.86	24.38	ML04993																								
80	85	24.38	25.91	ML04994																								
85	90	25.91	27.43	ML04995																								
90	95	27.43	28.96	ML04996																								
95	100	28.96	30.48	ML04997																								
100	105	30.48	32.00	ML04998																								
105	110	32.00	33.53	ML04999																								
110	115	33.53	35.05	ML05000																								
115	120	35.05	36.58	ML04001																								
120	125	36.58	38.10	ML04002																								
125	130	38.10	39.62	ML04003																								
130	135	39.62	41.15	ML04004																								
135	140	41.15	42.67	ML04005						DK GY																		Tracely oxidized, dark grey phyllitic quartzite with graphite. Barren quartz veins occurs from 50.3 m to the end of hole.
140	145	42.67	44.20	ML04006																								
145	150	44.20	45.72	ML04007																								
150	155	45.72	47.24	ML04008																								
155	160	47.24	48.77	ML04009																								

PROJECT: M.HINTON					PROPERTY : M. HINTON			HOLE NUMBER : PDH 11-16															Pag 1 of 2				
Drill hole data	Easting :		Depth : 60.96		Comment: Interbedded carbonaceous phyllitic quartzite with more oxidized phyllitic quartzite. Barren quartz veins are common.																						
	Northing :		Diameter :																								
	Azimuth :		Down hole azimuth																								
	Dip : -50		Down hole dip/ depth :																								
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *								Comment				
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb					
0	5	0.00	1.52	ML04014	QTE	DK GY																			Dark grey phyllitic quartzite with graphite.		
5	10	1.52	3.05	ML04015																							
10	15	3.05	4.57	ML04016																							
15	20	4.57	6.10	ML04017																							
20	25	6.10	7.62	ML04018																							
25	30	7.62	9.14	ML04019	QTE	YW GY	w																	Trace to weakly oxidized, grey - yellowish phyllitic quartzite with occasionally, barren, milky , white or yellow , quartz veins.			
30	35	9.14	10.67	ML04020																							
35	40	10.67	12.19	ML04021																							
40	45	12.19	13.72	ML04022																							
45	50	13.72	15.24	ML04023	QTE	DK GY																		Dark grey phyllitic quartzite with graphite.			
50	55	15.24	16.76	ML04024																							
55	60	16.76	18.29	ML04025																							
60	65	18.29	19.81	ML04026																							
65	70	19.81	21.34	ML04027																							
70	75	21.34	22.86	ML04028	QTE	GY YW	w																	Trace to weakly oxidized, grey - yellowish phyllitic quartzite with occasionally, barren, milky , white or yellow , quartz veins.			
75	80	22.86	24.38	ML04029																							
80	85	24.38	25.91	ML04030																							
85	90	25.91	27.43	ML04031																							
90	95	27.43	28.96	ML04032																							
95	100	28.96	30.48	ML04033																							
100	105	30.48	32.00	ML04034																							
105	110	32.00	33.53	ML04035																							
110	115	33.53	35.05	ML04036																							
115	120	35.05	36.58	ML04037																							
120	125	36.58	38.10	ML04038																							
125	130	38.10	39.62	ML04039	QTE	DK GY	t- w																	Tracely oxidized, dark grey phyllitic quartzite with graphite. Barren quartz veins occurs from 48.7 m to the end of hole.			
130	135	39.62	41.15	ML04040																							
135	140	41.15	42.67	ML04042																							
140	145	42.67	44.20	ML04043																							
145	150	44.20	45.72	ML04044																							
150	155	45.72	47.24	ML04045																							
155	160	47.24	48.77	ML04046																							

160	165	48.77	50.29	ML04047
165	170	50.29	51.82	ML04048
170	175	51.82	53.34	ML04049
175	180	53.34	54.86	ML04050
180	185	54.86	56.39	ML04051
185	190	56.39	57.91	ML04052
190	195	57.91	59.44	ML04053
195	200	59.44	60.96	ML04054
EOH				

PROJECT: M.HINTON					PROPERTY : M. HINTON				HOLE NUMBER : PDH 11-17															Pag 1 of 1							
Drill hole data	Easting :				Depth : 45.72		Comment: Hole comprises interbedded phyllitic quartzite with graphite. Barren quartz lenses (veins) are common.																								
	Northing :				Diameter :																										
	Azimuth :				Down hole azimuth																										
	Dip : -50				Down hole dip/ depth :																										
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *										Comment						
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb									
0	5	0.00	1.52	ML04055	QTE	DK GY	w- s																	Dark grey, well foliated , phyllitic quartzite with moderate graphite. Locally , green chlorite stains are present. Rock is weak to strongly oxidized. Locally, limonite is pervasive,on foliation plans or, interstitial in sucrosic quartzitic matrix.							
5	10	1.52	3.05	ML04056																											
10	15	3.05	4.57	ML04057																											
15	20	4.57	6.10	ML04058																											
20	25	6.10	7.62	ML04059	QTE	GY YW	w- m																	Weak to moderately oxidized, grey-yellowish phyllitic quartzite with trace to none graphite. Milky, white or yellowish, barren quartz lenses (veins) are common.							
25	30	7.62	9.14	ML04060																											
30	35	9.14	10.67	ML04061																											
35	40	10.67	12.19	ML04062																											
40	45	12.19	13.72	ML04063																											
45	50	13.72	15.24	ML04064																											
50	55	15.24	16.76	ML04065																											
55	60	16.76	18.29	ML04066																											
60	65	18.29	19.81	ML04067																											
65	70	19.81	21.34	ML04068																											
70	75	21.34	22.86	ML04069																											
75	80	22.86	24.38	ML04070																											
80	85	24.38	25.91	ML04071	QTE	DK GY	w																	Dark grey, well foliated , phyllitic quartzite with moderate graphite. Locally , green chlorite stains are present. Rock is weak to strongly oxidized. Locally, limonite is pervasive,on foliation plans or, interstitial in sucrosic quartzitic matrix.							
85	90	25.91	27.43	ML04072																											
90	95	27.43	28.96	ML04073																											
95	100	28.96	30.48	ML04074																											
100	105	30.48	32.00	ML04075																											
105	110	32.00	33.53	ML04076																											
110	115	33.53	35.05	ML04077																											
115	120	35.05	36.58	ML04078																											
120	125	36.58	38.10	ML04079																											
125	130	38.10	39.62	ML04080	QTE	GY YW	w																Weak to moderately oxidized, grey-yellowish phyllitic quartzite with trace to none graphite. Milky, white or yellowish, barren quartz lenses (veins) are common.								
130	135	39.62	41.15	ML04081																											
135	140	41.15	42.67	ML04082																											
140	145	42.67	44.20	ML04083																											
145	150	44.20	45.72	ML04084																											
EOH																															

[illegible]

PROJECT: M.HINTON					PROPERTY : M. HINTON				HOLE NUMBER : PDH 11-18										Pag 1 of 1																			
Drill hole data	Easting :				Depth : 41.15								Comment: Hole comprises phyllitic quartzite, with occasionally barren milky quartz veins.																									
	Northing :				Diameter :																																	
	Azimuth :				Down hole azimuth																																	
	Dip : -50				Down hole dip/ depth :																																	
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *										Comment													
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb																
0	5	0.00	1.52	ML04085	QTE	DK GY	w-m																	Dark grey , weak to moderately oxidized ,well foliated , phyllitic quartzite with moderate graphite. Chlorite green stains are common. Limonite aggregate occurs interstitial in quartzitic matrix ,or, on foliation plans.														
5	10	1.52	3.05	ML04086																																		
10	15	3.05	4.57	ML04087																																		
15	20	4.57	6.10	ML04088																																		
20	25	6.10	7.62	ML04089																																		
25	30	7.62	9.14	ML04090																																		
30	35	9.14	10.67	ML04091																																		
35	40	10.67	12.19	ML04092																																		
40	45	12.19	13.72	ML04093																																		
45	50	13.72	15.24	ML04094																																		
50	55	15.24	16.76	ML04095																																		
55	60	16.76	18.29	ML04096																																		
60	65	18.29	19.81	ML04097																																		
65	70	19.81	21.34	ML04098																																		
70	75	21.34	22.86	ML04099	QTE	GY YW	w																	Weakly oxidized, grey yellowish phyllitic quartzite .Barren , milky quartz lenses (veins) are common.														
75	80	22.86	24.38	ML04101																																		
80	85	24.38	25.91	ML04102																																		
85	90	25.91	27.43	ML04103																																		
90	95	27.43	28.96	ML04104																																		
95	100	28.96	30.48	ML04105																																		
100	105	30.48	32.00	ML04106																																		
105	110	32.00	33.53	ML04107	QTE	DK GY	w																	Dark grey, weakly oxidized ,well foliated , phyllitic quartzite with moderate graphite. Barren milky quartz lenses (veins) are common.														
110	115	33.53	35.05	ML04108																																		
115	120	35.05	36.58	ML04109																																		
120	125	36.58	38.10	ML04110																																		
125	130	38.10	39.62	ML04111																																		
130	135	39.62	41.15	ML04112																																		
EOH																																						

PROJECT: M.HINTON					PROPERTY : M. HINTON				HOLE NUMBER : PDH 11-19														Pag 1 of 1												
Drill hole data	Easting :				Depth : 42.67												Comment: Barren quartz lenses (veins) occurs in phyllitic quartzite.																		
	Northing :				Diameter :																														
	Azimuth :				Down hole azimuth																														
	Dip : -50				Down hole dip/ depth :																														
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals								Assay *										Comment								
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb													
0	5	0.00	1.52	ML04113	QTE	DK GY	w-m																	Weak to moderately oxidized phyllitic quartzite with graphite. Yellowish, limonite, barren quartz veins occurs between 7.5-11.0 m. Graphite decreases with depth.											
5	10	1.52	3.05	ML04114																															
10	15	3.05	4.57	ML04115																															
15	20	4.57	6.10	ML04116																															
20	25	6.10	7.62	ML04117																															
25	30	7.62	9.14	ML04118																															
30	35	9.14	10.67	ML04119																															
35	40	10.67	12.19	ML04120																															
40	45	12.19	13.72	ML04121	QTE	GY YW	w-s																	Weak to strongly oxidized phyllitic quartzite. Limonite is pervasive .											
45	50	13.72	15.24	ML04122																															
50	55	15.24	16.76	ML04123																															
55	60	16.76	18.29	ML04124																															
60	65	18.29	19.81	ML04125																															
65	70	19.81	21.34	ML04126																															
70	75	21.34	22.86	ML04127																															
75	80	22.86	24.38	ML04128																															
80	85	24.38	25.91	ML04129	QTE	DK GY	w-m																	Weak to moderately oxidized phyllitic quartzite with graphite. Barren milky quartz veins occurs down hole m 135.											
85	90	25.91	27.43	ML04130																															
90	95	27.43	28.96	ML04131																															
95	100	28.96	30.48	ML04132																															
100	105	30.48	32.00	ML04133																															
105	110	32.00	33.53	ML04134																															
110	115	33.53	35.05	ML04135																															
115	120	35.05	36.58	ML04137																															
120	125	36.58	38.10	ML04138																															
125	130	38.10	39.62	ML04139																															
130	135	39.62	41.15	ML04140																															
135	140	41.15	42.67	ML04141																															
EOH																																			

PROJECT: M.HINTON					PROPERTY : M. HINTON				HOLE NUMBER : PDH 11-20										Pag 1 of 2								
Drill hole data	Easting :				Depth : 60.96		Comment: Hole comprises interbedded grey and yellowish phyllitic quartzite, with barren quartz veins.																				
	Northing :				Diameter :																						
	Azimuth :				Down hole azimuth																						
	Dip : -50				Down hole dip/ depth :																						
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *						Comment						
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb					
0	5	0.00	1.52	ML04142	QTE	DK GY	w-i																	Weak to intensely oxidized dark grey, reddish, phyllitic quartzite. Limonite aggregate occurs interstitial. Graphite decreases with depth.			
5	10	1.52	3.05	ML04143																							
10	15	3.05	4.57	ML04144																							
15	20	4.57	6.10	ML04145																							
20	25	6.10	7.62	ML04146	QTE	GY YW	w-s																	Friable, grey, yellowish ,phyllitic quartzite with trace graphite. Barren, milky quartz lenses (veins) are common for the intervals :7.5- 9.5 m, 22.8-25 m.			
25	30	7.62	9.14	ML04147																							
30	35	9.14	10.67	ML04148																							
35	40	10.67	12.19	ML04149																							
40	45	12.19	13.72	ML04150																							
45	50	13.72	15.24	ML04151																							
50	55	15.24	16.76	ML04152																							
55	60	16.76	18.29	ML04153																							
60	65	18.29	19.81	ML04154																							
65	70	19.81	21.34	ML04155																							
70	75	21.34	22.86	ML04156																							
75	80	22.86	24.38	ML04157																							
80	85	24.38	25.91	ML04158																							
85	90	25.91	27.43	ML04159																							
90	95	27.43	28.96	ML04160	QTE	MD-DK GY	w-m																	Weak to moderately oxidized, medium to dark grey, phyllitic quartzite. Graphite amount vary in the interval. Barren milky quartz lenses (veins) are common throughout the interval.			
95	100	28.96	30.48	ML04161																							
100	105	30.48	32.00	ML04162																							
105	110	32.00	33.53	ML04163																							
110	115	33.53	35.05	ML04164																							
115	120	35.05	36.58	ML04165																							
120	125	36.58	38.10	ML04166																							
125	130	38.10	39.62	ML04167																							
130	135	39.62	41.15	ML04168																							
135	140	41.15	42.67	ML04169																							
140	145	42.67	44.20	ML04170																							
145	150	44.20	45.72	ML04171																							
150	155	45.72	47.24	ML04173																							
155	160	47.24	48.77	ML04174																							

160	165	48.77	50.29	ML04175																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

PROJECT: M.HINTON					PROPERTY : M. HINTON				HOLE NUMBER : PDH 11-21															Pag 1 of 2										
Drill hole data	Easting :				Depth : 57.91												Comment: Hole comprises interbedded grey and yellowish phyllitic quartzite, with barren quartz veins.																	
	Northing :				Diameter :																													
	Azimuth :				Down hole azimuth																													
	Dip : -50				Down hole dip/ depth :																													
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals							Assay *								Comment										
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb												
0	5	0.00	1.52	ML04183	QTE	GY RD	w-i																	Weak to intensely oxidized , grey-reddish phyllitic quartzite with weak graphite. Limonite increases down hole.										
5	10	1.52	3.05	ML04184																														
10	15	3.05	4.57	ML04185																														
15	20	4.57	6.10	ML04186																														
20	25	6.10	7.62	ML04187	QTE	LT GY YW	w- s																	Light grey, yellowish, well foliated, weak to strongly oxidized phyllitic quartzite. Occasionally, green splashes with epidot and chlorite. Fine fractures, <1mm, comprises calcite and, or, dolomite (effervesce with HCl) (m 7.5-9). Barren yellowish ,milky, quartz lens (veins) are common between 12.0-15.0 m.										
25	30	7.62	9.14	ML04188																														
30	35	9.14	10.67	ML04189																														
35	40	10.67	12.19	ML04190																														
40	45	12.19	13.72	ML04191																														
45	50	13.72	15.24	ML04192	QTE	DK GY	w																	Weak to moderately oxidized ,grey phyllitic quartzite with weak graphite. Locally, barren milky quartz lenses (veins) are common :15.0-20 m.										
50	55	15.24	16.76	ML04193																														
55	60	16.76	18.29	ML04194																														
60	65	18.29	19.81	ML04195																														
65	70	19.81	21.34	ML04196																														
70	75	21.34	22.86	ML04197																														
75	80	22.86	24.38	ML04198																														
80	85	24.38	25.91	ML04199																														
85	90	25.91	27.43	ML04200	QTE	DK GY	w- m																	Weak to moderately oxidized ,grey phyllitic quartzite with weak graphite. Locally, barren milky quartz lenses (veins) are common : m 35-38, 53- EOH.										
90	95	27.43	28.96	ML04201																														
95	100	28.96	30.48	ML04202																														
100	105	30.48	32.00	ML04203																														
105	110	32.00	33.53	ML04204																														
110	115	33.53	35.05	ML04205																														
115	120	35.05	36.58	ML04206																														
120	125	36.58	38.10	ML04207																														
125	130	38.10	39.62	ML04208																														
130	135	39.62	41.15	ML04209																														
135	140	41.15	42.67	ML04211																														
140	145	42.67	44.20	ML04212																														
145	150	44.20	45.72	ML04213																														
150	155	45.72	47.24	ML04214																														
155	160	47.24	48.77	ML04215																														

160	165	48.77	50.29	ML04216															
165	170	50.29	51.82	ML04217															
170	175	51.82	53.34	ML04218															
175	180	53.34	54.86	ML04219															
180	185	54.86	56.39	ML04220															
185	190	56.39	57.91	ML04221															
EOH																			

PROJECT: M.HINTON					PROPERTY : M. HINTON				HOLE NUMBER : PDH 11-22															Pag 1 of 2										
Drill hole data	Easting :				Depth : 60.96												Comment: Hole comprises interbedded grey and yellowish phyllitic quartzite, with barren quartz veins.																	
	Northing :				Diameter :																													
	Azimuth :				Down hole azimuth																													
	Dip : -50				Down hole dip/ depth :																													
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *								Comment											
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb												
0	5	0.00	1.52	ML04222	QTE	DK	w-																	Weak to strongly oxidized , grey-reddish phyllitic quartzite with moderate graphite. Limonite increases down hole.										
5	10	1.52	3.05	ML04223		GY	s																											
10	15	3.05	4.57	ML04224																														
15	20	4.57	6.10	ML04225	QTE	RD GY	w- s																	Grey, reddish, well foliated, weak to strongly oxidized phyllitic quartzite. Barren yellowish ,milky, quartz lens (veins) are common between 6.0-8.0 m.										
20	25	6.10	7.62	ML04226																														
25	30	7.62	9.14	ML04227																														
30	35	9.14	10.67	ML04228																														
35	40	10.67	12.19	ML04229																														
40	45	12.19	13.72	ML04230																														
45	50	13.72	15.24	ML04231																														
50	55	15.24	16.76	ML04232	QTE	DK GY	w- m																	Weak to moderately oxidized, medium to dark grey, phyllitic quartzite. Graphite amount vary in the interval. Barren milky quartz lenses (veins) are common throughout the interval.										
55	60	16.76	18.29	ML04233																														
60	65	18.29	19.81	ML04235																														
65	70	19.81	21.34	ML04236																														
70	75	21.34	22.86	ML04237																														
75	80	22.86	24.38	ML04238																														
80	85	24.38	25.91	ML04239																														
85	90	25.91	27.43	ML04240																														
90	95	27.43	28.96	ML04241																														
95	100	28.96	30.48	ML04242																														
100	105	30.48	32.00	ML04243																														
105	110	32.00	33.53	ML04244																														
110	115	33.53	35.05	ML04245																														
115	120	35.05	36.58	ML04246																														
120	125	36.58	38.10	ML04247																														
125	130	38.10	39.62	ML04248																														
130	135	39.62	41.15	ML04249																														
135	140	41.15	42.67	ML04250																														
140	145	42.67	44.20	ML04251																														
145	150	44.20	45.72	ML04252																														
150	155	45.72	47.24	ML04253																														
155	160	47.24	48.77	ML04254																														

[illegible]

PROJECT: M.HINTON					PROPERTY : M. HINTON				HOLE NUMBER : PDH 11-23														Pag 1 of 2									
Drill hole data	Easting :				Depth : 60.96										Comment: Phyllitic quartzite with trace disseminated sulphides occurring mostly in matrix and lesser in milky quartz veins. Mineralization consist of euhedral,solitaire pyrite, and grey sulphides powder on chalcedony crust.																	
	Northing :				Diameter :																											
	Azimuth :				Down hole azimuth																											
	Dip :				Down hole dip/ depth :																											
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals							Assay *								Comment								
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb										
0	5	0.00	1.52	ML04263	QTE	DK GY	w																	Weakly oxidized ,dark grey phyllitic quartzite with moderate graphite. Limonite aggregate occurs on foliation plans.								
5	10	1.52	3.05		QTE	GY RD	f- s																	Fair to strongly oxidized phyllitic quartzite with trace or none graphite. Limonite is pervasive on foliation plans.								
10	15	3.05	4.57	ML04265																												
15	20	4.57	6.10	ML04266																												
20	25	6.10	7.62	ML04267																												
25	30	7.62	9.14	ML04268																												
30	35	9.14	10.67	ML04269	QTE	LT GY	t- w		t	t r a c e															Tracely oxidized , phyllitic quartzite with milky quartz , infill veins.							
35	40	10.67	12.19	ML04270					t																					Trace pyrite , euhedral crystals, occurs occasional in sucrosic ,fine		
40	45	12.19	13.72	ML04271					t																					grained quartzite. Fine black powder , sulphides , occasionally sprinkles fine chalcedony crust. Clear, euhedral, quartz crystals occurs occasionally in fine (<1mm) fractures.		
45	50	13.72	15.24	ML04272	QTE	GY	t																	Well foliated phyllitic quartzite, with moderate graphite.								
50	55	15.24	16.76	ML04273	QTE	GY	t		t	t r a c e															Well foliated phyllitic quartzite, with moderate graphite bearing trace							
55	60	16.76	18.29	ML04274																										sulphides . Pyrite , euhedral, solitaire crystals, occurs disseminated in		
60	65	18.29	19.81	ML04276																										the sucrosic quartzitic matrix, and lesser in milky white quartz, infill		
65	70	19.81	21.34	ML04277																										veins. Occasionally , dark grey sulphides , sprinkles fine chalcedony		
70	75	21.34	22.86	ML04278																										crust. Locally (21-23 m) sulphides are more frequent, up to moderate,		
75	80	22.86	24.38	ML04279																										but they could be seen only under microscope (pyrite, enargite ?,		
80	85	24.38	25.91	ML04280																										bournonite ?, sphalerite, galena ?,arsenopyrite ?)		
85	90	25.91	27.43	ML04281																												
90	95	27.43	28.96	ML04282																												
95	100	28.96	30.48	ML04283	QTE	BK																	Phyllitic quartzite with moderate graphite.									
100	105	30.48	32.00	ML04284	QTE	GY			t														Phyllitic quartzite with moderate graphite. Trace pyrite.									
105	110	32.00	33.53	ML04285	QTE	GY																	Phyllitic quartzite with weak graphite.									
110	115	33.53	35.05	ML04286																												
115	120	35.05	36.58	ML04287	QTE	GY			t-w															Grey, phyllitic quartzite with weak graphite. Trace to occasionally weak pyrite occurs disseminated in matrix, and lesser in milky quartz veins.								
120	125	36.58	38.10	ML04288																												
125	130	38.10	39.62	ML04289																												
130	135	39.62	41.15	ML04290																												
135	140	41.15	42.67	ML04291																												
140	145	42.67	44.20	ML04292																												

145	150	44.20	45.72	ML04293	QTE	GY														Grey, phyllitic quartzite with weak graphite. Trace pyrite occurs disseminated in matrix, and lesser in milky quartz veins. Occasionally, other sulphides (Pb, Zn,As, Cu ?) occurs in the last meters of the hole , powdering foliation plans. Barren, milky quartz veins are common throughout the interval.				
150	155	45.72	47.24	ML04294																				
155	160	47.24	48.77	ML04295																				
160	165	48.77	50.29	ML04296																				
165	170	50.29	51.82	ML04297						t														
170	175	51.82	53.34	ML04298																				
175	180	53.34	54.86	ML04299						t														
180	185	54.86	56.39	ML04300																				
185	190	56.39	57.91	ML04301																				
190	195	57.91	59.44	ML04302						t	t r a c e													
195	200	59.44	60.96	ML04303																				
EOH																								

PROJECT: M.HINTON					PROPERTY : M. HINTON				HOLE NUMBER :PDH 11-24														Pag 1 of 1							
Drill hole data	Easting :				Depth : 22.56												Comment: The hole comprises phyllitic quartzite with graphite. Trace sulphides occurs disseminated in matrix and on foliation plans. Milky quartzite lenses are barren.													
	Northing :				Diameter :																									
	Azimuth :				Down hole azimuth																									
	Dip : -50				Down hole dip/ depth :																									
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals							Assay *										Comment				
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb								
0	5	0.00	1.52	ML04304	QTE	GY RD	w-m																		Well foliated, weakly to moderately oxidized, grey -reddish, phyllitic quartzite with graphite. Limonite ,fine grained aggregate , occurs on foliation plans.					
5	10	1.52	3.05	ML04305																										
10	15	3.05	4.57	ML04306																										
15	20	4.57	6.10	ML04307																										
20	25	6.10	7.62	ML04308																										
25	30	7.62	9.14	ML04309																										
30	35	9.14	10.67	ML04310	QTE	DK GY																		Dark grey , phyllitic quartzite with moderate graphite .Folded foliation occurs occasionally (m 9.14- 10.67). Trace pyrite occurs locally as euhedral, solitaire crystals in sucrosic ,fine grained quartzitic matrix. Trace sulphides occurs occasionally ,sprinkled on foliation plans, or ,as very fine granular aggregates in chalcedony crust. Barren, milky quartzite lenses occurs at the bottom of the hole(18-22.5 m).						
35	40	10.67	12.19	ML04312					t																					
40	45	12.19	13.72	ML04313																										
45	50	13.72	15.24	ML04314																										
50	55	15.24	16.76	ML04315					t	t r a c e																				
55	60	16.76	18.29	ML04316					t																					
60	65	18.29	19.81	ML04317					t																					
65	70	19.81	21.34	ML04318																										
70	74	21.34	22.56	ML04319																										
EOH																														

*Au in ppb,all other metals in ppm,except when values are bold which are expressed in %

"n=none,t<1%,w=1-3%,f=3-5%,m=5-7%,ms=7-10%,s=10-15%,i=15-20%

PROJECT: M.HINTON					PROPERTY : M. HINTON			HOLE NUMBER : PDH 11-25															Pag 1 of 2					
Drill hole data	Easting :				Depth : 60.96		Comment: Hole comprises quartzite and phyllite bearing trace sulphides. Barren milky quartz lenses are common.																					
	Northing :				Diameter :																							
	Azimuth : 320				Down hole azimuth																							
	Dip : -50				Down hole dip/ depth :																							
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *								Comment					
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb						
0	5	0.00	1.52	ML04320	QTE	GY	w																Well foliated, weakly oxidized, grey phyllitic quartzite with graphite. Limonite occurs on foliation plans.					
5	10	1.52	3.05	ML04321																								
10	15	3.05	4.57	ML04322																								
15	20	4.57	6.10	ML04323																								
20	25	6.10	7.62	ML04324																								
25	30	7.62	9.14	ML04325																								
30	35	9.14	10.67	ML04326	QTE PHY	DK GY	w-f		t	t r a c e													Dark grey , phyllitic quartzite with weak to moderate graphite, intercalated with lesser quartzitic phyllite with strong graphite. Folded foliation occurs occasionally . Trace to weak pyrite occurs locally as euhedral, solitaire crystals in sucrosic ,fine grained ,quartzitic matrix. Also pyrite occurs in fine grained aggregate ,1 mm , enveloped in limonite. Trace sulphides, black, very fine grains, occurs either sprinkled on corroded quartz, or disseminated in fine chalcedony crust , on small fracture plans. Fine grained, clear quartz crystals occurs often with sulphides. Barren, milky quartzite lenses, white or yellowish, are common throughout the interval. Solitaire arsenopyrite crystal present (m:16).					
35	40	10.67	12.19	ML04327						t r a c e																		
40	45	12.19	13.72	ML04328						t	t r a c e																	
45	50	13.72	15.24	ML04329						t		t																
50	55	15.24	16.76	ML04330						t	t r a c e																	
55	60	16.76	18.29	ML04331						w	t r a c e																	
60	65	18.29	19.81	ML04332						w	t r a c e																	
65	70	19.81	21.34	ML04333						w	t r a c e																	
70	75	21.34	22.86	ML04334						w	t r a c e																	
75	80	22.86	24.38	ML04335						w	t r a c e																	
80	85	24.38	25.91	ML04336						t	t r a c e																	
85	90	25.91	27.43	ML04337						w	t r a c e																	
90	95	27.43	28.96	ML04338						w	t r a c e																	
95	100	28.96	30.48	ML04339	PHY	BK																Black quartzitic phyllite with strong graphite.						
100	105	30.48	32.00	ML04340	PHY QTE	DK GY	t															Dark grey , quartzitic phyllite with moderate graphite, intercalated with lesser phyllitic quartzite with weak graphite. Trace to weak pyrite occurs locally as euhedral, solitaire crystals in sucrosic ,fine grained ,quartzitic matrix. Trace, black sulphides, very fine grains, occurs either sprinkled on corroded quartz, or disseminated in fine chalcedony crust , on small fracture plans. Fine grained, clear quartz crystals occurs often with sulphides. Barren, milky quartzite lenses, white or yellowish, are common throughout the interval, and frequent between 36.5-39.5 m, and 59.5-60.96 m. Solitaire arsenopyrite crystal present @ m 59.						
105	110	32.00	33.53	ML04341						t-w																		
110	115	33.53	35.05	ML04342																								
115	120	35.05	36.58	ML04343						t r a c e																		
120	125	36.58	38.10	ML04344						t r a c e																		
125	130	38.10	39.62	ML04345						t r a c e																		
130	135	39.62	41.15	ML04347						t r a c e																		
135	140	41.15	42.67	ML04348																								
140	145	42.67	44.20	ML04349																								
145	150	44.20	45.72	ML04350																								
150	155	45.72	47.24	ML04351																								
155	160	47.24	48.77	ML04352																								

[illegible]

PROJECT: M.HINTON					PROPERTY : M. HINTON					HOLE NUMBER : PDH 11-26										Pag 1 of 1										
Drill hole data	Easting :				Depth : 21.34		Comment: Phyllitic quartzite ,interbeded with schist. Quartz vein ,bearing trace very fine grained sulphides present at m 20.																							
	Northing :				Diameter :																									
	Azimuth : 320				Down hole azimuth																									
	Dip : -50				Down hole dip/ depth :																									
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *										Comment					
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb								
0	5	0.00	1.52	ML04361	QTE	GY	w-f																	Grey, slightly foliated, weak to fairly oxidized, phyllitic quartzite.						
5	10	1.52	3.05	ML04362																										
10	15	3.05	4.57	ML04363																										
15	20	4.57	6.10	ML04364																										
20	25	6.10	7.62	ML04365																										
25	30	7.62	9.14	ML04366	SCH	YW GY	f																	Well foliated , yellowish- grey , fairly oxidised, quartz-mica schist . Limonite nesting on foliation plans.						
30	35	9.14	10.67	ML04367																										
35	40	10.67	12.19	ML04368																										
40	45	12.19	13.72	ML04369																										
45	50	13.72	15.24	ML04370																										
50	55	15.24	16.76	ML04371																										
55	60	16.76	18.29	ML04372	QTE	GY	w-f																	Grey, slightly foliated, weakly oxidised, phyllitic quartzite.4 mm quartz infill fracture at m 20. Vein is vugy, with yellow euhedral , <2mm quartz and trace, very fine grained silvery sulphides (?).						
60	65	18.29	19.81	ML04373																										
65	70	19.81	21.34	ML04374					t r a c e																					
EOH																														

PROJECT: M.HINTON					PROPERTY : M. HINTON					HOLE NUMBER : PDH 11-27															Pag 1 of					
Drill hole data	Easting :				Depth : 41.45												Comment: Quartzite with lesser quartz- mica schist. Barren milky quartz lenses are common down hole.													
	Northing :				Diameter :																									
	Azimuth : 320				Down hole azimuth																									
	Dip : -50				Down hole dip/ depth :																									
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals							Assay *										Comment				
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb								
0	5	0.00	1.52	ML04375	QTE	GY	w																	Grey, slightly foliated, weakly oxidized, phyllitic quartzite.						
5	10	1.52	3.05	ML04376																										
10	15	3.05	4.57	ML04377																										
15	20	4.57	6.10	ML04378																										
20	25	6.10	7.62	ML04379																										
25	30	7.62	9.14	ML04380																										
30	35	9.14	10.67	ML04381																										
35	40	10.67	12.19	ML04383																										
40	45	12.19	13.72	ML04384																										
45	50	13.72	15.24	ML04385																										
50	55	15.24	16.76	ML04386																										
55	60	16.76	18.29	ML04387																										
60	65	18.29	19.81	ML04388																										
65	70	19.81	21.34	ML04389	QTE SCH	GY	w																	Grey, slightly foliated, weakly oxidized, phyllitic quartzite with lesser (10%) quartz-mica schist. Milky , white or yellow, barren quartz lenses are common from m 33.5 to end of hole.						
70	75	21.34	22.86	ML04390																										
75	80	22.86	24.38	ML04391																										
80	85	24.38	25.91	ML04392																										
85	90	25.91	27.43	ML04393																										
90	95	27.43	28.96	ML04394																										
95	100	28.96	30.48	ML04395																										
100	105	30.48	32.00	ML04396																										
105	110	32.00	33.53	ML04397																										
110	115	33.53	35.05	ML04398																										
115	120	35.05	36.58	ML04399																										
120	125	36.58	38.10	ML04400																										
125	130	38.10	39.62	ML04401																										
130	135	39.62	41.15	ML04402																										
EOH																														

PROJECT: M.HINTON					PROPERTY : M. HINTON				HOLE NUMBER : PDH 11-28														Pag 1 of				
Drill hole data	Easting :				Depth : 56.39		Comment: Quartzite with lesser quartz-mica schist. Trace to weak mineralisation occurs from m38 to end of hole and consist of trace sulphide, mostly pyrite.																				
	Northing :				Diameter :																						
	Azimuth : 320				Down hole azimuth																						
	Dip : -50				Down hole dip/ depth :																						
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *								Comment				
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb					
0	5	0.00	1.52	ML04403	QTE	MD DK GY	t																	Phyllitic quartzite with(5%), quartz mica schist intercalation. Weak graphite present. Occasionally: barren milky quartz lenses.			
5	10	1.52	3.05	ML04404																							
10	15	3.05	4.57	ML04405																							
15	20	4.57	6.10	ML04406																							
20	25	6.10	7.62	ML04407																							
25	30	7.62	9.14	ML04408																							
30	35	9.14	10.67	ML04409																							
35	40	10.67	12.19	ML04410																							
40	45	12.19	13.72	ML04411																							
45	50	13.72	15.24	ML04412																							
50	55	15.24	16.76	ML04413																							
55	60	16.76	18.29	ML04414																							
60	65	18.29	19.81	ML04415																							
65	70	19.81	21.34	ML04416																							
70	75	21.34	22.86	ML04417																							
75	80	22.86	24.38	ML04419																							
80	85	24.38	25.91	ML04420	QTE	GY	t		t														Tracely disseminated, euhedral pyrite crysts in sucrosic quartzite matrix.				
85	90	25.91	27.43	ML04421	QTE SCH	GY																	Phyllitic quartzite with intercalated , (10%), quartz mica schist . Weak graphite present. Occasionally: barren milky quartz lenses.				
90	95	27.43	28.96	ML04422																							
95	100	28.96	30.48	ML04423																							
100	105	30.48	32.00	ML04424																							
105	110	32.00	33.53	ML04425																							
110	115	33.53	35.05	ML04426																							
115	120	35.05	36.58	ML04427																							
120	125	36.58	38.10	ML04428																							
125	130	38.10	39.62	ML04429	QTE SCH	GY	t		t	t r a c e													Foliated phyllitic quartzite and lesser (10-25%) quartz-mica schist. Barren milky, white ,quartz lenses are frequent. Graphite increases to weak with depth. Trace to weak mineralization is mostly pyrite : either disseminated in sucrosic quartzite matrix, or present, locally moderate ,marking the contact between quartz lenses and metarock. Rock is friable and pyrite is tracely present in detritus. Trace, dark grey				
130	135	39.62	41.15	ML04430					t																		
135	140	41.15	42.67	ML04431					w																		
140	145	42.67	44.20	ML04432					w																		
145	150	44.20	45.72	ML04433					t																		
150	155	45.72	47.24	ML04434					t																		

155	160	47.24	48.77	ML04435					t											sulphide , powders small fractures. Mineralisation decreases with depth from 45 m.
160	165	48.77	50.29	ML04436					t											
165	170	50.29	51.82	ML04437					t											
170	175	51.82	53.34	ML04438					t											
175	180	53.34	54.86	ML04439					t											
180	185	54.86	56.39	ML04440					t											
EOH																				

sulphide , powders small fractures. Mineralisation decreases with depth from 45 m.

EOH		

PROJECT: M.HINTON					PROPERTY : M. HINTON				HOLE NUMBER : PDH 11-29															Pag 1 of									
Drill hole data	Easting :				Depth : 45.72												Comment: Quartzite with lesser quartz- mica schist. Barren milky quartz lenses are common .																
	Northing :				Diameter :																												
	Azimuth : 320				Down hole azimuth																												
	Dip : -50				Down hole dip/ depth :																												
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals							Assay *							Comment										
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb											
0	5	0.00	1.52	ML04441	QTE	DK GY	t																	Phyllitic quartzite with(5%), quartz mica schist intercalation. Weak graphite present.									
5	10	1.52	3.05	ML04442																													
10	15	3.05	4.57	ML04443																													
15	20	4.57	6.10	ML04444																													
20	25	6.10	7.62	ML04445	QTE SCH	gy	t- w																	Foliated phyllitic quartzite and lesser (10-25%) quartz-mica schist. Barren milky, white or yellowish, quartz lenses are frequent. Graphite increases with depth.									
25	30	7.62	9.14	ML04446																													
30	35	9.14	10.67	ML04447																													
35	40	10.67	12.19	ML04448																													
40	45	12.19	13.72	ML04449																													
45	50	13.72	15.24	ML04450																													
50	55	15.24	16.76	ML04451																													
55	60	16.76	18.29	ML04452																													
60	65	18.29	19.81	ML04453																													
65	70	19.81	21.34	ML04455																													
70	75	21.34	22.86	ML04456																													
75	80	22.86	24.38	ML04457																													
80	85	24.38	25.91	ML04458																													
85	90	25.91	27.43	ML04459	QTE	GY	t																	Phyllitic quartzite with(5%), quartz mica schist intercalation. Weak graphite present.									
90	95	27.43	28.96	ML04461																													
95	100	28.96	30.48	ML04462																													
100	105	30.48	32.00	ML04463																													
105	110	32.00	33.53	ML04464																													
110	115	33.53	35.05	ML04465																													
115	120	35.05	36.58	ML04466																													
120	125	36.58	38.10	ML04467																													
125	130	38.10	39.62	ML04468	QTE	GY	t		t															Phyllitic quartzite with intercalated , (10%), quartz mica schist . Trace graphite present. Occasionally: barren milky quartz lenses. Few grains of pyrite in detritus.									
130	135	39.62	41.15	ML04469																													
135	140	41.15	42.67	ML04470																													
140	145	42.67	44.20	ML04471																													
145	150	44.20	45.72	ML04472																													
EOH																																	

PROJECT: M.HINTON					PROPERTY : M. HINTON				HOLE NUMBER : PDH 11-30										Pag 1 of											
Drill hole data	Easting :				Depth : 48.77		Comment: Phyllitic quartzite .Barren quartz lenses occurs occasionally from m 35.																							
	Northing :				Diameter :																									
	Azimuth : 320				Down hole azimuth																									
	Dip : -50				Down hole dip/ depth :																									
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *						Comment									
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb								
0	5	0.00	1.52	ML04473	QTE	GY	t- w																	Phyllitic quartzite, slightly foliated, with graphite. Limonite, pseudomorph after lath minerals, is common.						
5	10	1.52	3.05	ML04474																										
10	15	3.05	4.57	ML04475																										
15	20	4.57	6.10	ML04476																										
20	25	6.10	7.62	ML04477																										
25	30	7.62	9.14	ML04478																										
30	35	9.14	10.67	ML04479																										
35	40	10.67	12.19	ML04480																										
40	45	12.19	13.72	ML04481																										
45	50	13.72	15.24	ML04482																										
50	55	15.24	16.76	ML04483																										
55	60	16.76	18.29	ML04484																										
60	65	18.29	19.81	ML04485																										
65	70	19.81	21.34	ML04486																										
70	75	21.34	22.86	ML04487																										
75	80	22.86	24.38	ML04488																										
80	85	24.38	25.91	ML04489																										
85	90	25.91	27.43	ML04491																										
90	95	27.43	28.96	ML04492																										
95	100	28.96	30.48	ML04493																										
100	105	30.48	32.00	ML04494																										
105	110	32.00	33.53	ML04495																										
110	115	33.53	35.05	ML04496																										
115	120	35.05	36.58	ML04497																										
120	125	36.58	38.10	ML04498	QTE	GY	t																	Grey, tracely oxidized phyllitic quartzite. Occasionally barren, milky, white or yellowish, quartz lenses.						
125	130	38.10	39.62	ML04499																										
130	135	39.62	41.15	ML04500																										
135	140	41.15	42.67	L836501																										
140	145	42.67	44.20	L836502																										
145	150	44.20	45.72	L836503																										
150	155	45.72	47.24	L836504																										
155	160	47.24	48.77	L836505																										

PROJECT: M.HINTON					PROPERTY : M. HINTON			HOLE NUMBER : PDH 11-31													Pag 1 of												
Drill hole data	Easting :				Depth : 59,44												Comment: Hole comprises phyllitic quartzite, locally with chlorite. Milky quartz lenses are common. Mineralization consist of trace to weak pyrite, lesser trace of arsenopyrite and galena.																
	Northing :				Diameter :																												
	Azimuth : 320				Down hole azimuth																												
	Dip : -50				Down hole dip/ depth :																												
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals							Assay *								Comment									
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb											
0	5	0.00	1.52	L836507	QTE	GY	t																	Tracely oxidized, massive to slightly foliated , phyllitic quartzite with weak graphite.									
5	10	1.52	3.05	L836508																													
10	15	3.05	4.57	L836509																													
15	20	4.57	6.10	L836510																													
20	25	6.10	7.62	L836511																													
25	30	7.62	9.14	L836512																													
30	35	9.14	10.67	L836513																													
35	40	10.67	12.19	L836514	QTE	GY	t																	Trace pyrite, euhedral solitaire crystals, occurs disseminated in sucrosic quartzite matrix. Frequently, limonite is pseudomorph after pyrite.									
40	45	12.19	13.72	L836515			t																										
45	50	13.72	15.24	L836516			r																										
50	55	15.24	16.76	L836517			a																										
55	60	16.76	18.29	L836518			c																										
60	65	18.29	19.81	L836519			e																										
65	70	19.81	21.34	L836520																													
70	75	21.34	22.86	L836521	QTE	GY WH	t		t-															Grey, white quartzite with no lath minerals. Trace to locally weak pyrite, occurs in frequent milky quartz lenses.									
75	80	22.86	24.38	L836522			w																										
80	85	24.38	25.91	L836523																													
85	90	25.91	27.43	L836524																													
90	95	27.43	28.96	L836525																													
95	100	28.96	30.48	L836527	QTE	GY WH	t		t															Trace pyrite, euhedral solitaire crystals, occurs disseminated in sucrosic quartzite matrix. Quartz lenses occurs occasionally.									
100	105	30.48	32.00	L836528																													
105	110	32.00	33.53	L836529																													
110	115	33.53	35.05	L836530	Qz VN	WH	t																	White , milky quartz veins .Mineralization consist of trace pyrite, trace arsenopyrite and trace galena. Pyrite is fine disseminated. Galena occurs as very fine grained 1mm aggregate. Arsenopyrite is euhedral, twin crystals.									
115	120	35.05	36.58	L836531			t			t	t																						
120	125	36.58	38.10	L836532	QTE	GY WH	t		t-															Quartzite with milky quartz lenses .Mineralization consist of trace pyrite, trace arsenopyrite and trace galena. Pyrite is fine disseminated. Galena occurs as very fine grained 1-2 mm aggregate. Arsenopyrite is euhedral, twin crystals.									
125	130	38.10	39.62	L836533			w			t	t																						
130	135	39.62	41.15	L836534																													
135	140	41.15	42.67	L836535	QTE	GY			t -		t													Quartzite with milky quartz lenses .Mineralization consist of trace									

[illegible]

PROJECT: M.HINTON				PROPERTY : M. HINTON				HOLE NUMBER :PDH 11-32																				Pag 1 of 1							
Drill hole data	Easting :				Depth : 12.19				Comment: Carbonaceous quartzite intercalated with phyllitic quartzite.																										
	Northing :				Diameter :																														
	Azimuth : 320				Down hole azimuth																														
	Dip : -50				Down hole dip/ depth :																														
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals							Assay *										Comment									
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb													
0	5	0.00	1.52		QTE	DK																	Dark grey carbonaceous quartzite												
5	10	1.52	3.05			GY																													
10	15	3.05	4.57		QTE	GY	t																Tracely oxidized phyllitic quartzite with lesser graphite.												
15	20	4.57	6.10																																
20	25	6.10	7.62																																
25	30	7.62	9.14																																
30	35	9.14	10.67																																
35	40	10.67	12.19																																
EOH																																			

PROJECT: M.HINTON				PROPERTY : M. HINTON				HOLE NUMBER :PDH 11-33																				Pag 1 of 1	
Drill hole data	Easting :				Depth : 18.29				Comment: Phyllitic quartzite.																				
	Northing :				Diameter :																								
	Azimuth : 320				Down hole azimuth																								
	Dip : -50				Down hole dip/ depth :																								
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals							Assay *							Comment						
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb							
0	5	0.00	1.52		QTE	GY	t																		Tracely oxidized phyllitic quartzite. Graphite decreases with depth. Barren milky quartz lenses occurs occasionally.				
5	10	1.52	3.05																										
10	15	3.05	4.57																										
15	20	4.57	6.10																										
20	25	6.10	7.62																										
25	30	7.62	9.14																										
30	35	9.14	10.67																					No recovery.					
35	40	10.67	12.19																										
40	45	12.19	13.72																										
45	50	13.72	15.24																										
50	55	15.24	16.76																										
55	60	16.76	18.29																										
EOH																													

PROJECT: M.HINTON				PROPERTY : M. HINTON				HOLE NUMBER :PDH 11-34														Pag 1 of 1					
Drill hole data	Easting :		Depth : 17.68		Comment:																						
	Northing :		Diameter :																								
	Azimuth : 320		Down hole azimuth																								
	Dip : -50		Down hole dip/ depth :																								
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals							Assay *							Comment				
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb					
0	5	0.00	1.52		QTE SCH	GY GN	t																		Quartzite intercalated with lesser, green, quartz -mica - chlorite schist.		
5	10	1.52	3.05																								
10	15	3.05	4.57																								
15	20	4.57	6.10																								
20	25	6.10	7.62		QTE	GY	t- w																		Barren milky quartz lenses occurs occasionally in phyllitic quartzite.		
25	30	7.62	9.14																								
30	35	9.14	10.67																								
35	40	10.67	12.19																								
40	45	12.19	13.72																								
45	50	13.72	15.24																								
50	55	15.24	16.76																								
55	58	16.76	17.68																								
EOH																											

PROJECT: M.HINTON					PROPERTY : M. HINTON				HOLE NUMBER : PDH 11-35										Pag 1 of 1							
Drill hole data	Easting :		Depth : 39.62		Comment: Quartzite with disseminated trace sulphides.																					
	Northing :		Diameter :																							
	Azimuth : 320		Down hole azimuth																							
	Dip : -50		Down hole dip/ depth :																							
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *								Comment			
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb				
0	5	0.00	1.52		QTE	GY																		Grey, massive quartzite, locally slightly foliated.		
5	10	1.52	3.05																							
10	15	3.05	4.57																							
15	20	4.57	6.10																							
20	25	6.10	7.62		QTE	GY WH	t-w		t															Intercalated light grey massive quartzite, with, slightly foliated, grey - yellowish, phyllitic quartzite. Trace pyrite occurs disseminated in sucrosic whitish quartzite. Trace sulphides (?) powders occasionally fracture plans. Limonite pseudomorph after pyrite is common.		
25	30	7.62	9.14						r																	
30	35	9.14	10.67						a																	
35	40	10.67	12.19						c																	
40	45	12.19	13.72		QTE	GY WH	t		e															Intercalated light grey massive quartzite, with lesser, slightly foliated, phyllitic quartzite. Trace pyrite occurs disseminated in sucrosic whitish quartzite. Trace sulphides (?) powders occasionally fracture plans.		
45	50	13.72	15.24																							
50	55	15.24	16.76																							
55	60	16.76	18.29																							
60	65	18.29	19.81																							
65	70	19.81	21.34							t																
70	75	21.34	22.86																							
75	80	22.86	24.38							r																
80	85	24.38	25.91																							
85	90	25.91	27.43							a																
90	95	27.43	28.96																							
95	100	28.96	30.48							c																
100	105	30.48	32.00																							
105	110	32.00	33.53							e																
110	115	33.53	35.05																							
115	120	35.05	36.58																							
120	125	36.58	38.10																							
125	130	38.10	39.62																							
EOH																										

PROJECT: M.HINTON					PROPERTY : M. HINTON				HOLE NUMBER :PDH 11-36										Pag 1 of 2									
Drill hole data	Easting :				Depth : 50.29		Comment: Hole comprise quartzite, bearing trace, disseminated pyrite from m 6.10 to the end of hole, m 50.29.																					
	Northing :				Diameter :																							
	Azimuth : 320				Down hole azimuth																							
	Dip : -50				Down hole dip/ depth :																							
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *										Comment			
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb						
0	5	0.00	1.52		QTE	GY YW	t																	Tracely oxidized, grey, locally yellow, slightly foliated phyllitic quartzite.				
5	10	1.52	3.05																									
10	15	3.05	4.57																									
15	20	4.57	6.10																									
20	25	6.10	7.62		QTE	GY WH	t		t															Tracely oxidized, grey , whitish, slightly foliated phyllitic quartzite. Trace pyrite occurs occasionally in sucrosic matrix.				
25	30	7.62	9.14																									
30	35	9.14	10.67																									
35	40	10.67	12.19																									
40	45	12.19	13.72																									
45	50	13.72	15.24																									
50	55	15.24	16.76																									
55	60	16.76	18.29																									
60	65	18.29	19.81																									
65	70	19.81	21.34																									
70	75	21.34	22.86																									
75	80	22.86	24.38																									
80	85	24.38	25.91		QTE	GY	t-w		t															Light grey quartzite interbedded with lesser (20%) ,phyllitic, carbonaceous quartzite. Milky quartz ,white or yellow, lenses are common. Occasionally, trace pyrite , solitaire crystals, occurs disseminated in sucrosic quartzite matrix.				
85	90	25.91	27.43																									
90	95	27.43	28.96																									
95	100	28.96	30.48																									
100	105	30.48	32.00																									
105	110	32.00	33.53																									
110	115	33.53	35.05																									
115	120	35.05	36.58																									
120	125	36.58	38.10																									
125	130	38.10	39.62																									
130	135	39.62	41.15																									
135	140	41.15	42.67																									
140	145	42.67	44.20																									
145	150	44.20	45.72																									
150	155	45.72	47.24																									
155	160	47.24	48.77																									

[illegible]

PROJECT: M.HINTON					PROPERTY : M. HINTON					HOLE NUMBER : PDH 11-37										Pag 1 of 1												
Drill hole data	Easting :				Depth : 38.10		Comment: Quartzite, intercalated with biotite-quartz schist. Occasionally, trace pyrite ,occurs disseminated in rock matrix.																									
	Northing :				Diameter :																											
	Azimuth : 320				Down hole azimuth																											
	Dip : -50				Down hole dip/ depth :																											
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals							Assay *							Comment									
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb										
0	5	0.00	1.52		QTE	GY YW	t																	Tracely oxidized, locally weakly foliated , grey ,yellowish, massive quartzite. Barren milky, white or yellow, quartz lenses are frequent between 6-10.5 m.								
5	10	1.52	3.05																													
10	15	3.05	4.57																													
15	20	4.57	6.10																													
20	25	6.10	7.62																													
25	30	7.62	9.14																													
30	35	9.14	10.67																													
35	40	10.67	12.19		SCH QTE	DK GY																		Biotite, graphite, quartz schist intercalated with lesser quartzite. White, milky quartz lenses, are common.								
40	45	12.19	13.72																													
45	50	13.72	15.24																													
50	55	15.24	16.76																													
55	60	16.76	18.29		QTE	GY YW	t		t r a c e															Tracely oxidized, locally weakly foliated , grey ,yellowish, massive quartzite. Barren milky, white or yellow, quartz lenses are frequent. Mineralization consist of trace pyrite : occasionally solitaire crystals in sucrosic quartzite matrix.								
60	65	18.29	19.81																													
65	70	19.81	21.34																													
70	75	21.34	22.86																													
75	80	22.86	24.38																													
80	85	24.38	25.91																													
85	90	25.91	27.43																													
90	95	27.43	28.96																													
95	100	28.96	30.48		QTE	GY WH																	Friable, fine grained, light grey, quartzite.									
100	105	30.48	32.00																													
105	110	32.00	33.53																													
110	115	33.53	35.05																													
115	120	35.05	36.58																													
120	125	36.58	38.10																													
EOH																																

PROJECT: M.HINTON					PROPERTY : M. HINTON					HOLE NUMBER : PDH 11-38										Pag 1 of 1								
Drill hole data	Easting :				Depth : 34.14				Comment: Quartzite, intercalated with biotite-quartz schist. Trace pyrite occurs from m 24, to end of hole.																			
	Northing :				Diameter :																							
	Azimuth : 320				Down hole azimuth																							
	Dip : -50				Down hole dip/ depth :																							
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals							Assay *							Comment					
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb						
0	5	0.00	1.52		QTE	GY YW	t																	Tracely oxidized, locally weakly foliated , grey ,yellowish, massive quartzite. Barren, milky, white or yellow, quartz lenses are present.				
5	10	1.52	3.05																									
10	15	3.05	4.57																									
15	20	4.57	6.10																									
20	25	6.10	7.62																									
25	30	7.62	9.14																									
30	35	9.14	10.67																									
35	40	10.67	12.19		SCH QTE	DK GY																		Biotite, graphite, quartz schist intercalated with lesser quartzite. White, milky quartz lenses, are common.				
40	45	12.19	13.72																									
45	50	13.72	15.24																									
50	55	15.24	16.76																									
55	60	16.76	18.29																									
60	65	18.29	19.81																									
65	70	19.81	21.34																									
70	75	21.34	22.86																									
75	80	22.86	24.38		QTE	LT GY			t															Friable, fine grained, light grey, quartzite. Mineralization consist of trace pyrite, disseminated in sucrosic quartzite matrix.				
80	85	24.38	25.91						r																			
85	90	25.91	27.43						a																			
90	95	27.43	28.96						c																			
95	100	28.96	30.48						e																			
100	105	30.48	32.00																									
105	112	32.00	34.14																									
EOH																												

PROJECT: M.HINTON					PROPERTY : M. HINTON				HOLE NUMBER : PDH 11-39										Pag 1 of 1										
Drill hole data	Easting :				Depth : 45.72		Comment: Quartzite, intercalated with biotite-quartz schist. Trace pyrite occurs from m 15, to end of hole.																						
	Northing :				Diameter :																								
	Azimuth : 320				Down hole azimuth																								
	Dip : -50				Down hole dip/ depth :																								
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals							Assay *							Comment						
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb							
0	5	0.00	1.52		QTE	GY YW	t- w																Trace to weakly oxidized, grey ,yellowish, quartzite with lesser mica-quartz schist. Barren quartz lenses are common.						
5	10	1.52	3.05																										
10	15	3.05	4.57																										
15	20	4.57	6.10																										
20	25	6.10	7.62		QTE	GY	t - f																Grey quartzite with fine sucrosic texture comprises barren ,milky quartz lenses. Fair limonite covers fracture plans.						
25	30	7.62	9.14																										
30	35	9.14	10.67																										
35	40	10.67	12.19																										
40	45	12.19	13.72																										
45	50	13.72	15.24																										
50	55	15.24	16.76		QTE SCH	GY YW RD	t- s		t 																				

PROJECT: M.HINTON					PROPERTY : M. HINTON			HOLE NUMBER : PDH 11-40																	Pag 1 of 1									
Drill hole data	Easting :				Depth : 26.82														Comment: Friable quartzite with barren milky quartz lenses. Trace pyrite is present occasionally															
	Northing :				Diameter :																													
	Azimuth : 320				Down hole azimuth																													
	Dip : -50				Down hole dip/ depth :																													
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals							Assay *							Comment											
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb												
0	5	0.00	1.52		QTE	LT GY YW	t- w																	Trace to weakly oxidized, grey ,yellowish, slightly foliated phyllitic quartzite. Barren quartz lenses are common. Rock is friable.										
5	10	1.52	3.05																															
10	15	3.05	4.57																															
15	20	4.57	6.10																															
20	25	6.10	7.62																															
25	30	7.62	9.14																															
30	35	9.14	10.67																															
35	40	10.67	12.19																															
40	45	12.19	13.72																															
45	50	13.72	15.24	L836724																														
50	55	15.24	16.76	L836725	QTE																			Trace to weakly oxidized, whitish , light grey , quartzite with lesser mica-quartz schist. Barren quartz lenses are common. Rock is friable. Occasionally trace pyrite is present. Clear , euhedral, < 3mm quartz crystal occurs frequent from 15.5 to 19 m.										
55	60	16.76	18.29	L836726					t																									
60	65	18.29	19.81	L836727																														
65	70	19.81	21.34	L836728																														
70	75	21.34	22.86	L836729																														
75	80	22.86	24.38	L836730					t																									
80	88	24.38	26.82	L836731																														
EOH																																		

PROJECT: M.HINTON					PROPERTY : M. HINTON					HOLE NUMBER : PDH 11-41										Pag 1 of 1										
Drill hole data	Easting :				Depth : 30.48		Comment: Quartzite intercalated with lesser schist comprise barren milky quartz lenses. Trace pyrite, arsenopyrite occurs in quartzite.																							
	Northing :				Diameter :																									
	Azimuth : 320				Down hole azimuth																									
	Dip : -50				Down hole dip/ depth :																									
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *						Comment									
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb								
0	5	0.00	1.52	L836733	lenses.	DK GY	t																	Tracely oxidized, weakly foliated, dark grey phyllitic quartzite. White or yellow, barren milky quartz lenses are common. Limonite occurs interstitial.						
5	10	1.52	3.05	L836734																										
10	15	3.05	4.57	L836735																										
15	20	4.57	6.10	L836736																										
20	25	6.10	7.62	L836737																										
25	30	7.62	9.14	L836738																										
30	35	9.14	10.67	L836739																										
35	40	10.67	12.19	L836740																										
40	45	12.19	13.72	L836741																										
45	50	13.72	15.24	L836742																										
50	55	15.24	16.76	L836743	QTE SCH	GY WH	t																	Light grey quartzite with fine grained sucrosic texture, intercalated, with lesser, mica-quartz schist. Mineralization is none to trace and consist of euhedral pyrite , solitaire crystals in sucrosic quartzite matrix. Arsenopyrite occurs as unique crystal at 27.5m. White or yellow, barren milky quartz lenses are common throughout the interval.						
55	60	16.76	18.29	L836744					t																					
60	65	18.29	19.81	L836745					t																					
65	70	19.81	21.34	L836746																										
70	75	21.34	22.86	L836747																										
75	80	22.86	24.38	L836748																										
80	85	24.38	25.91	L836749					t																					
85	90	25.91	27.43	L836750					t																					
90	95	27.43	28.96	L836751	t		t																							
95	100	28.96	30.48	L836752																										
EOH																														

PROJECT: M.HINTON					PROPERTY : M. HINTON					HOLE NUMBER : PDH 11-42										Pag 1 of 1						
Drill hole data	Easting :				Depth : 25.91		Comment: Quartzite intercalated with lesser schist comprise barren milky quartz lenses. Trace pyrite occurs in quartzite.																			
	Northing :				Diameter :																					
	Azimuth : 320				Down hole azimuth																					
	Dip : -50				Down hole dip/ depth :																					
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *						Comment					
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb				
0	5	0.00	1.52	L836753	QTE	DK GY BK	t																	Tracely oxidized, weakly foliated, dark grey to black , graphite, phyllitic quartzite. White or yellow, barren milky quartz lenses are common.		
5	10	1.52	3.05	L836754																						
10	15	3.05	4.57	L836755																						
15	20	4.57	6.10	L836757																						
20	25	6.10	7.62	L836758																						
25	30	7.62	9.14	L836759																						
30	35	9.14	10.67	L836760																						
35	40	10.67	12.19	L836761																						
40	45	12.19	13.72	L836762																						
45	50	13.72	15.24	L836763																						
50	55	15.24	16.76	L836764	QTE SCH	GY	t		t														Light grey quartzite with fine grained sucrosic texture, intercalated, with lesser, mica-quartz schist. Mineralization is none to trace and consist of euhedral pyrite , solitaire crystals in sucrosic quartzite matrix. Barren, milky quartz lenses , are common throughout the interval.			
55	60	16.76	18.29	L836765																						
60	65	18.29	19.81	L836766					t																	
65	70	19.81	21.34	L836767					t																	
70	75	21.34	22.86	L836768					t																	
75	80	22.86	24.38	L836769																						
80	85	24.38	25.91	L836770					t																	
EOH																										

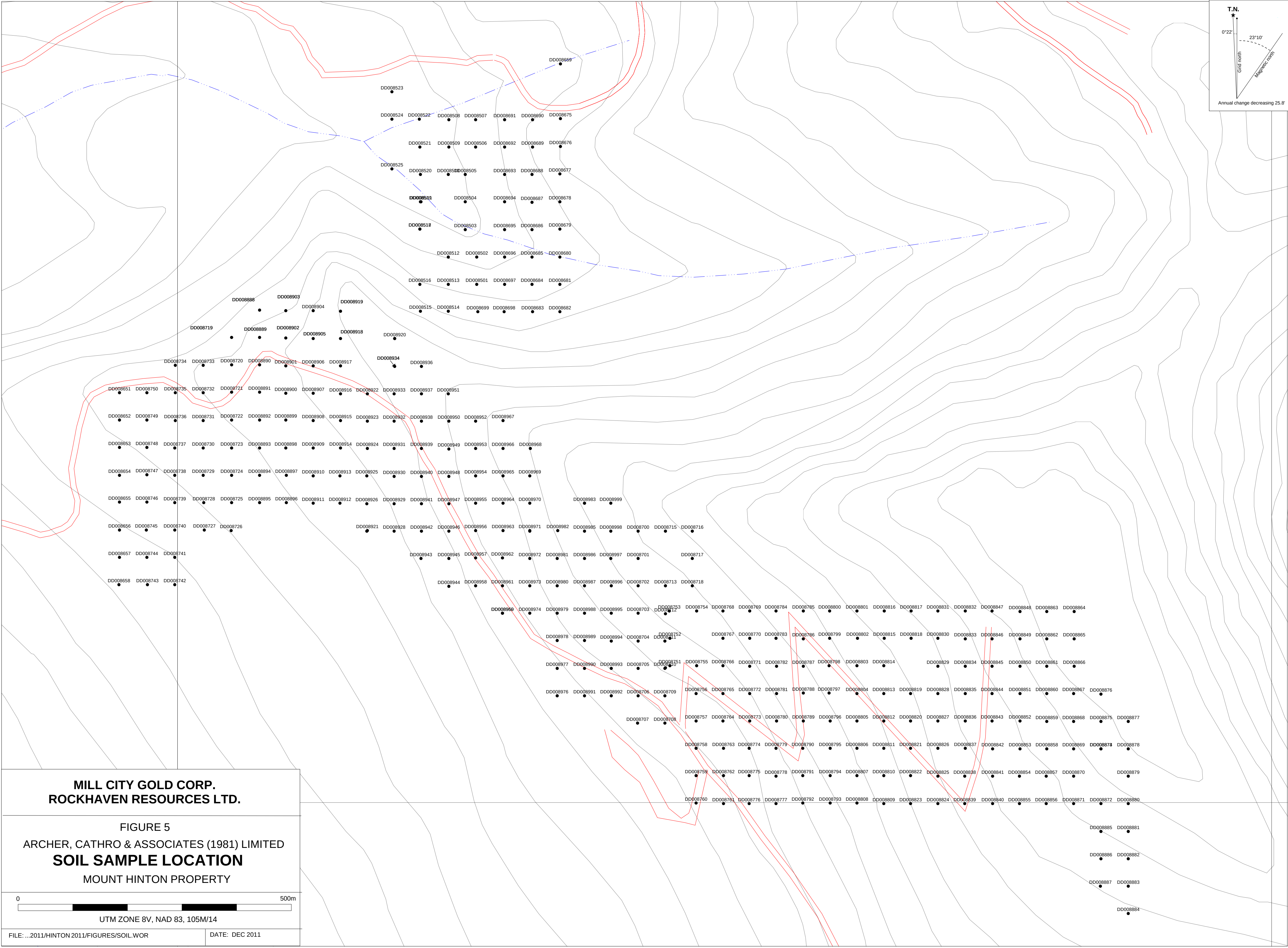
PROJECT: M.HINTON					PROPERTY : M. HINTON					HOLE NUMBER : PDH 11-43										Pag 1 of					
Drill hole data	Easting :				Depth : 30.48		Comment: Quartzite intercalated with lesser schist comprise barren milky quartz lenses. Trace pyrite occurs in quartzite.																		
	Northing :				Diameter :																				
	Azimuth : 320				Down hole azimuth																				
	Dip : -50				Down hole dip/ depth :																				
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals							Assay *							Comment		
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb			
0	5	0.00	1.52	L836771	QTE	GY YW	t																Tracely oxidized, weakly foliated, grey-yellowish , phyllitic quartzite. White or yellow, barren milky quartz lenses are common.		
5	10	1.52	3.05	L836772																					
10	15	3.05	4.57	L836773																					
15	20	4.57	6.10	L836774																					
20	25	6.10	7.62	L836775																					
25	30	7.62	9.14	L836776																					
30	35	9.14	10.67	L836777																					
35	40	10.67	12.19	L836778																					
40	45	12.19	13.72	L836779																					
45	50	13.72	15.24	L836780	QTE	GY																	Light grey, massive quartzite intercalated with lesser phyllitic quartzite. Milky quartz lenses are common. Trace pyrite occurs disseminated, or ,one show, <2mm fine grained aggregate.		
50	55	15.24	16.76	L836781					t																
55	60	16.76	18.29	L836782					t																
60	65	18.29	19.81	L836783																					
65	70	19.81	21.34	L836784																					
70	75	21.34	22.86	L836785					t																
75	80	22.86	24.38	L836786					t																
80	85	24.38	25.91	L836787																					
85	90	25.91	27.43	L836788																					
90	95	27.43	28.96	L836789					t																
95	100	28.96	30.48	L836790	t																				
EOH																									

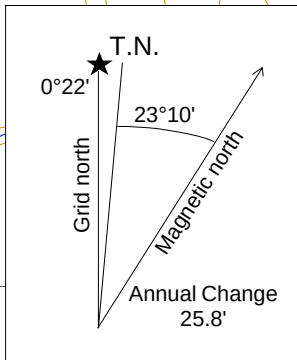
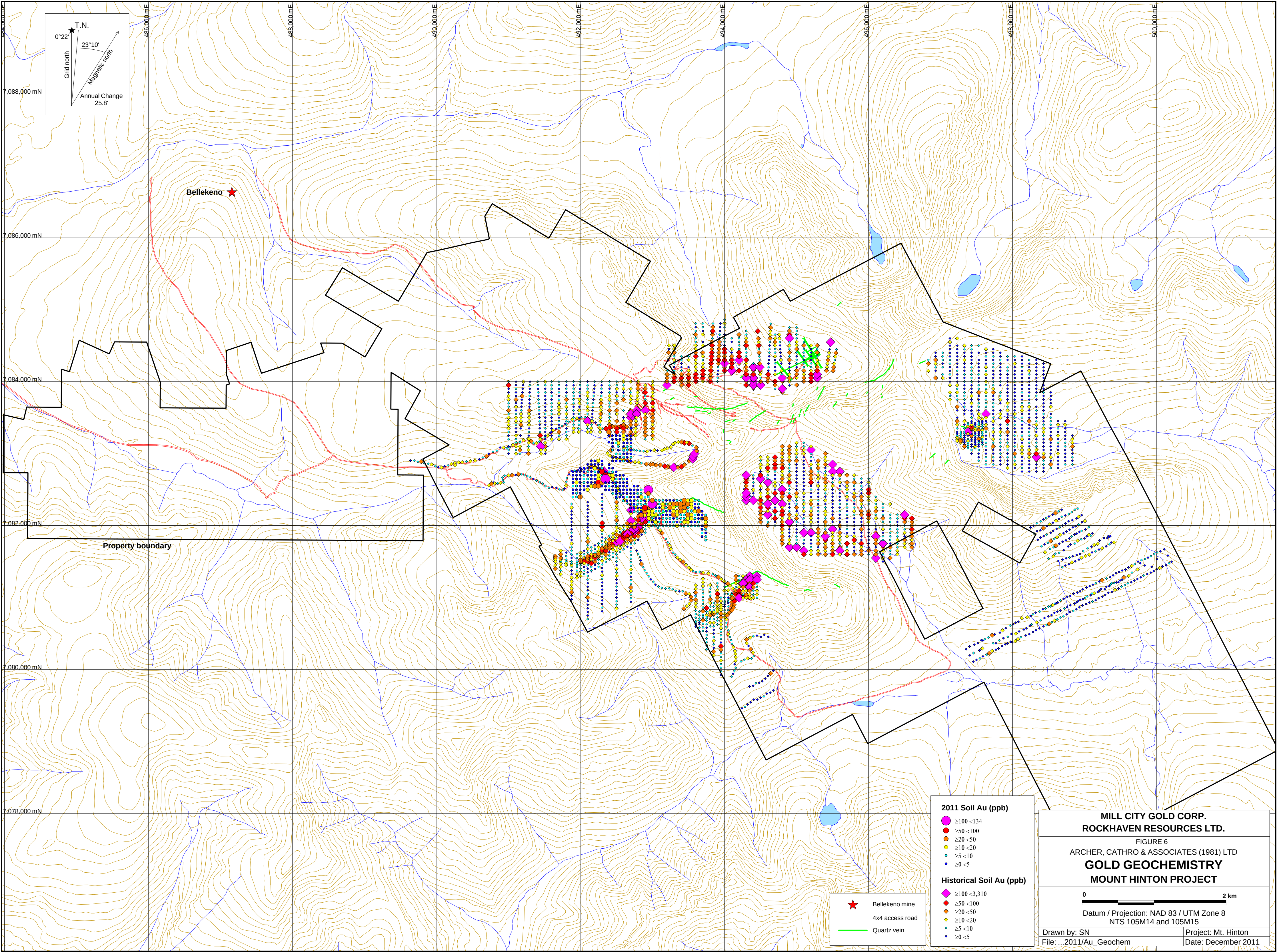
PROJECT: M.HINTON					PROPERTY : M. HINTON					HOLE NUMBER : PDH 11-44										Pag 1 of 1											
Drill hole data	Easting :				Depth : 39.62		Comment: Quartzite intercalated with lesser schist comprise barren milky quartz lenses. Trace pyrite and lesser sulphide occurs in quartzite.																								
	Northing :				Diameter :																										
	Azimuth : 320				Down hole azimuth																										
	Dip : -50				Down hole dip/ depth :																										
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *										Comment						
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb									
0	5	0.00	1.52	L836791	QTE	GY	t																	Tracely oxidized, weakly foliated, grey, phyllitic quartzite. White or yellow, barren milky quartz lenses are common.							
5	10	1.52	3.05	L836793																											
10	15	3.05	4.57	L836794																											
15	20	4.57	6.10	L836795																											
20	25	6.10	7.62	L836796																											
25	30	7.62	9.14	L836797																											
30	35	9.14	10.67	L836798	QTE SCH	BK			t															Quartzite with intercalated (25%) black, foliated, carbonaceous schist (80% graphite). Milky quartz lenses are common. Trace mineralization consist of euhedral, solitaire pyrite and , occasionally, fine grained sulphide aggregate.							
35	40	10.67	12.19	L836799					r	trace																					
40	45	12.19	13.72	L836800					a																						
45	50	13.72	15.24	L836801					c																						
50	55	15.24	16.76	L836802					e																						
55	60	16.76	18.29	L836803																											
60	65	18.29	19.81	L836804	QTE SCH	GY																		Massive sucrosic quartzite with schist lenses (5%). Milky quartz lenses are common. Quartzite comprise disseminated , <2 mm , pyrite crystals.							
65	70	19.81	21.34	L836805																											
70	75	21.34	22.86	L836806																											
75	80	22.86	24.38	L836807																											
80	85	24.38	25.91	L836808																											
85	90	25.91	27.43	L836809																											
90	95	27.43	28.96	L836810																											
95	100	28.96	30.48	L836811																											
100	105	30.48	32.00	L836812																											
105	110	32.00	33.53	L836813																											
110	115	33.53	35.05	L836814																											
115	120	35.05	36.58	L836815																											
120	125	36.58	38.10	L836816																											
125	130	38.10	39.62	L836817																											
EOH																															

PROJECT: M.HINTON					PROPERTY : M. HINTON					HOLE NUMBER :PDH 11-45										Pag 1 of								
Drill hole data	Easting :				Depth : 16.76		Comment: Quartzite intercalated with lesser schist comprise barren milky quartz lenses. Trace pyrite occurs in quartzite.																					
	Northing :				Diameter :																							
	Azimuth : 320				Down hole azimuth																							
	Dip : -50				Down hole dip/ depth :																							
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *								Comment					
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb						
0	5	0.00	1.52	L836818	QTE	DK	t-																	Quartzite with intercalated (25%) black, foliated, carbonaceous schist (80% graphite). Milky quartz lenses, white or yellow, are common.				
5	10	1.52	3.05	L836819	SCH	GY	w																					
10	15	3.05	4.57	L836820																								
15	20	4.57	6.10	L836821																								
20	25	6.10	7.62	L836822																								
25	30	7.62	9.14	L836823																								
30	35	9.14	10.67	L836824																								
35	40	10.67	12.19	L836825																								
40	45	12.19	13.72	L836826	QTE	GY	t		t														Tracely oxidized on fractures, massive quartzite. Trace pyrite : occasionally euhedral crystals in sucrosic matrix.					
45	50	13.72	15.24	L836827					t																			
50	55	15.24	16.76	L836828					t																			
EOH																												

[illegible]

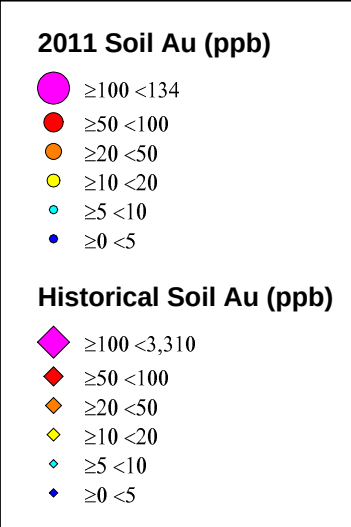
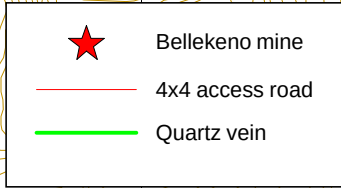
PROJECT: M.HINTON					PROPERTY : M. HINTON				HOLE NUMBER : PDH 11-47															Pag 1 of 1													
Drill hole data	Easting :				Depth : 42.67												Comment: Hole comprises interbedded quartzite and carbonaceous schist. Trace pyrite occurs occasionally. Barren quartz lenses are common.																				
	Northing :				Diameter :																																
	Azimuth : 320				Down hole azimuth																																
	Dip : -50				Down hole dip/ depth :																																
From (ft)	To (ft)	From (m)	To (m)	Sample number	Lithology	Colour	Alteration		" Minerals						Assay *										Comment												
							Oxidation	other	Py	Po	As	Gn	Sp	Cp	Au	Ag	Pb	Cu	Zn	As	Bi	Sb															
0	5	0.00	1.52	L836871	QTE	DK GY	t																	Well foliated, tracely oxidized, phyllitic quartzite with weak graphite.													
5	10	1.52	3.05	L836872																																	
10	15	3.05	4.57	L836873																																	
15	20	4.57	6.10	L836874																																	
20	25	6.10	7.62	L836875																																	
25	30	7.62	9.14	L836876	QTE SCH	GY	t																	Quartzite with intercalated (15%) black, foliated, carbonaceous schist (80% graphite). Milky quartz lenses, white or yellow, occurs occasionally.													
30	35	9.14	10.67	L836877																																	
35	40	10.67	12.19	L836878																																	
40	45	12.19	13.72	L836879																																	
45	50	13.72	15.24	L836880																																	
50	55	15.24	16.76	L836881																																	
55	60	16.76	18.29	L836882																																	
60	65	18.29	19.81	L836883																																	
65	70	19.81	21.34	L836884																																	
70	75	21.34	22.86	L836885	QTE SCH	DK GY BK			t															Quartzite with intercalated, black, foliated, carbonaceous schist (80% graphite).Barren milky quartz lenses, white or yellow, occurs occasionally. Trace mineralization consist of solitaire, pyrite crystals, or lesser , <2mm, medium grained aggregate.													
75	80	22.86	24.38	L836886																																	
80	85	24.38	25.91	L836887																																	
85	90	25.91	27.43	L836888																																	
90	95	27.43	28.96	L836889																																	
95	100	28.96	30.48	L836890																																	
100	105	30.48	32.00	L836891																																	
105	110	32.00	33.53	L836892																																	
110	115	33.53	35.05	L836893																																	
115	120	35.05	36.58	L836894																																	
120	125	36.58	38.10	L836895																																	
125	130	38.10	39.62	L836896																																	
130	135	39.62	41.15	L836897																																	
135	140	41.15	42.67	L836898																																	
EOH																																					





Bellekeno

Property boundary



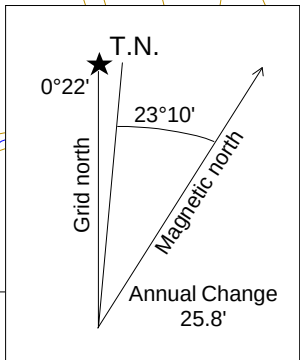
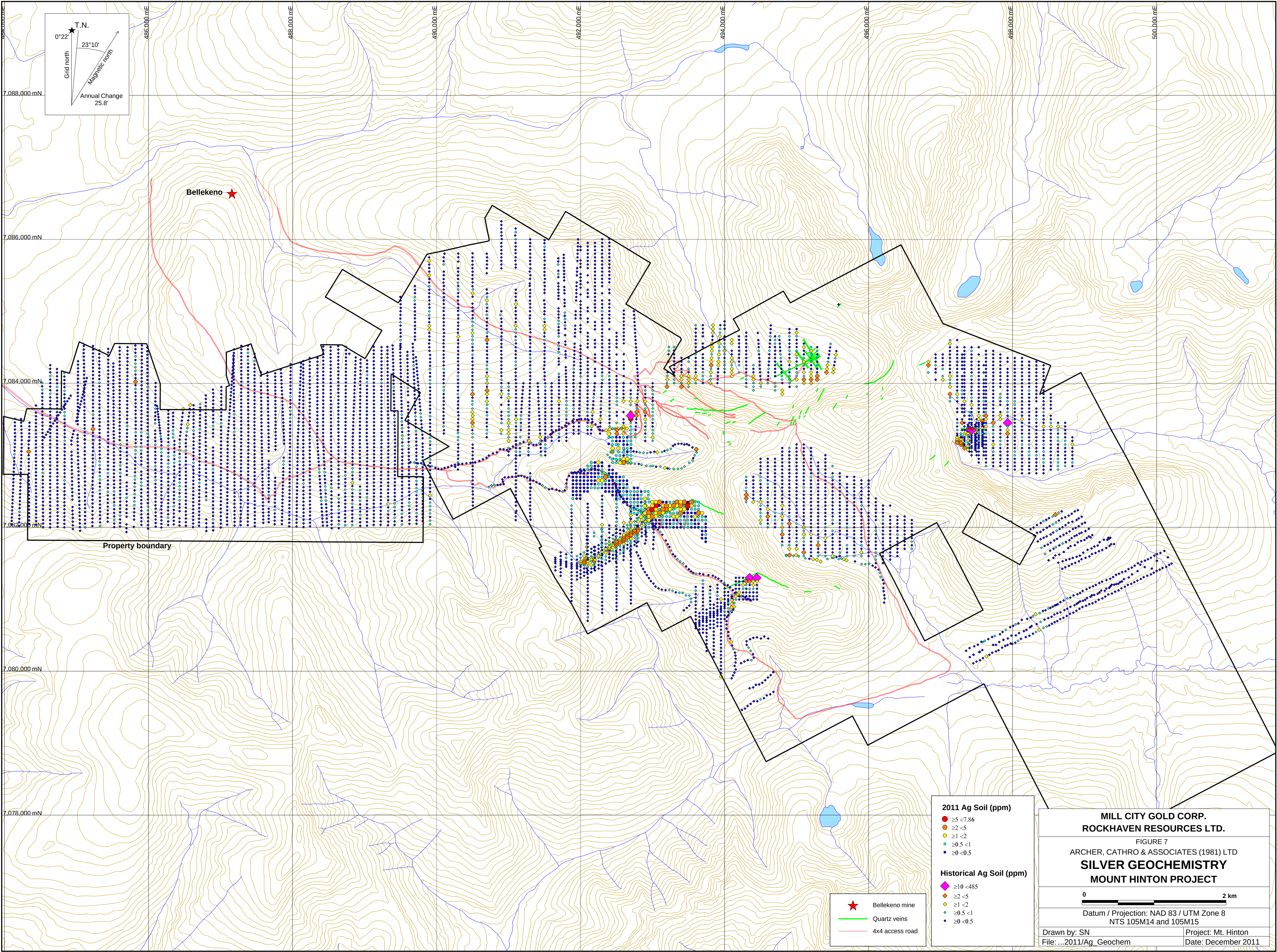
MILL CITY GOLD CORP.
ROCKHAVEN RESOURCES LTD.

FIGURE 6
ARCHER, CATHRO & ASSOCIATES (1981) LTD
GOLD GEOCHEMISTRY
MOUNT HINTON PROJECT

0 2 km

Datum / Projection: NAD 83 / UTM Zone 8
NTS 105M14 and 105M15

Drawn by: SN	Project: Mt. Hinton
File: ...2011/Au_Geochem	Date: December 2011



Bellekeno



Property boundary

2011 Ag Soil (ppm)

- $\geq 5 < 7.86$
- $\geq 2 < 5$
- $\geq 1 < 2$
- $\geq 0.5 < 1$
- $\geq 0 < 0.5$

Historical Ag Soil (ppm)

- ◆ $\geq 10 < 485$
- ◆ $\geq 2 < 5$
- ◆ $\geq 1 < 2$
- ◆ $\geq 0.5 < 1$
- ◆ $\geq 0 < 0.5$

★ Bellekeno mine

— Quartz veins

— 4x4 access road

MILL CITY GOLD CORP.
ROCKHAVEN RESOURCES LTD.

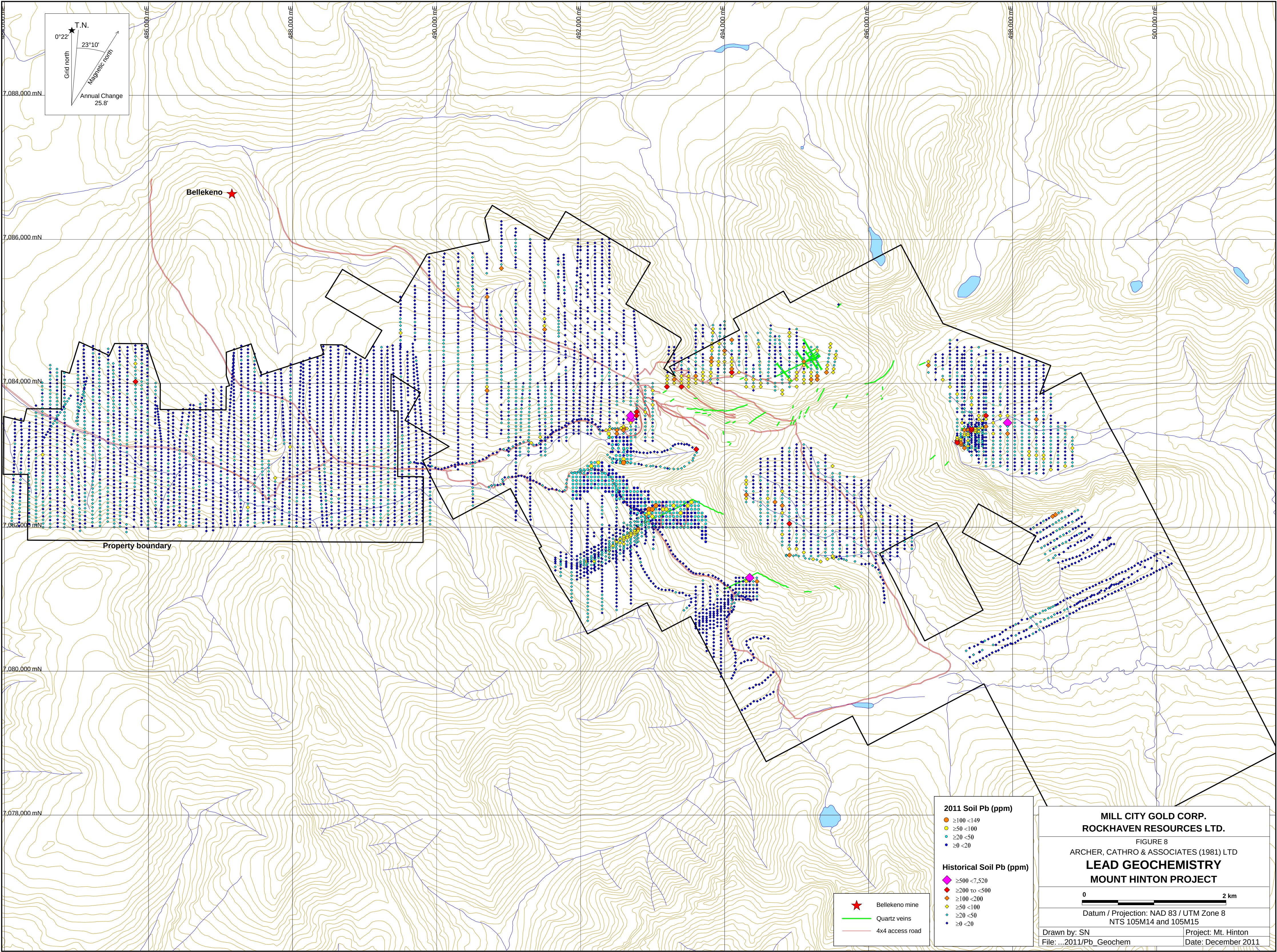
FIGURE 7
ARCHER, CATHRO & ASSOCIATES (1981) LTD

SILVER GEOCHEMISTRY
MOUNT HINTON PROJECT

0 2 km

Datum / Projection: NAD 83 / UTM Zone 8
NTS 105M14 and 105M15

Drawn by: SN Project: Mt. Hinton
File: ...2011/Ag_Geochem Date: December 2011



MILL CITY GOLD CORP.
ROCKHAVEN RESOURCES LTD.

FIGURE 8
ARCHER, CATHRO & ASSOCIATES (1981) LTD

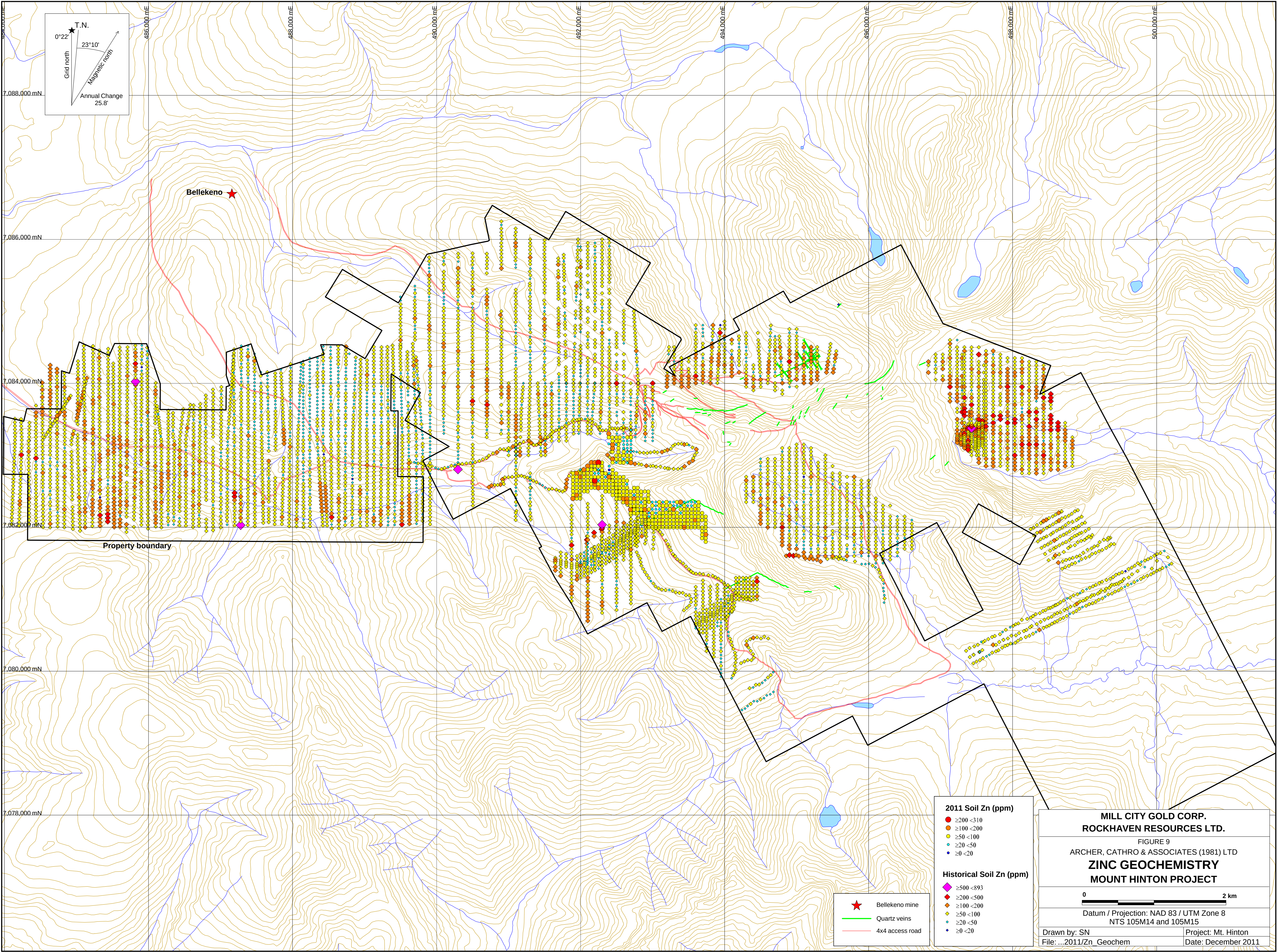
LEAD GEOCHEMISTRY
MOUNT HINTON PROJECT

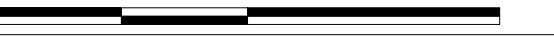
0 2 km

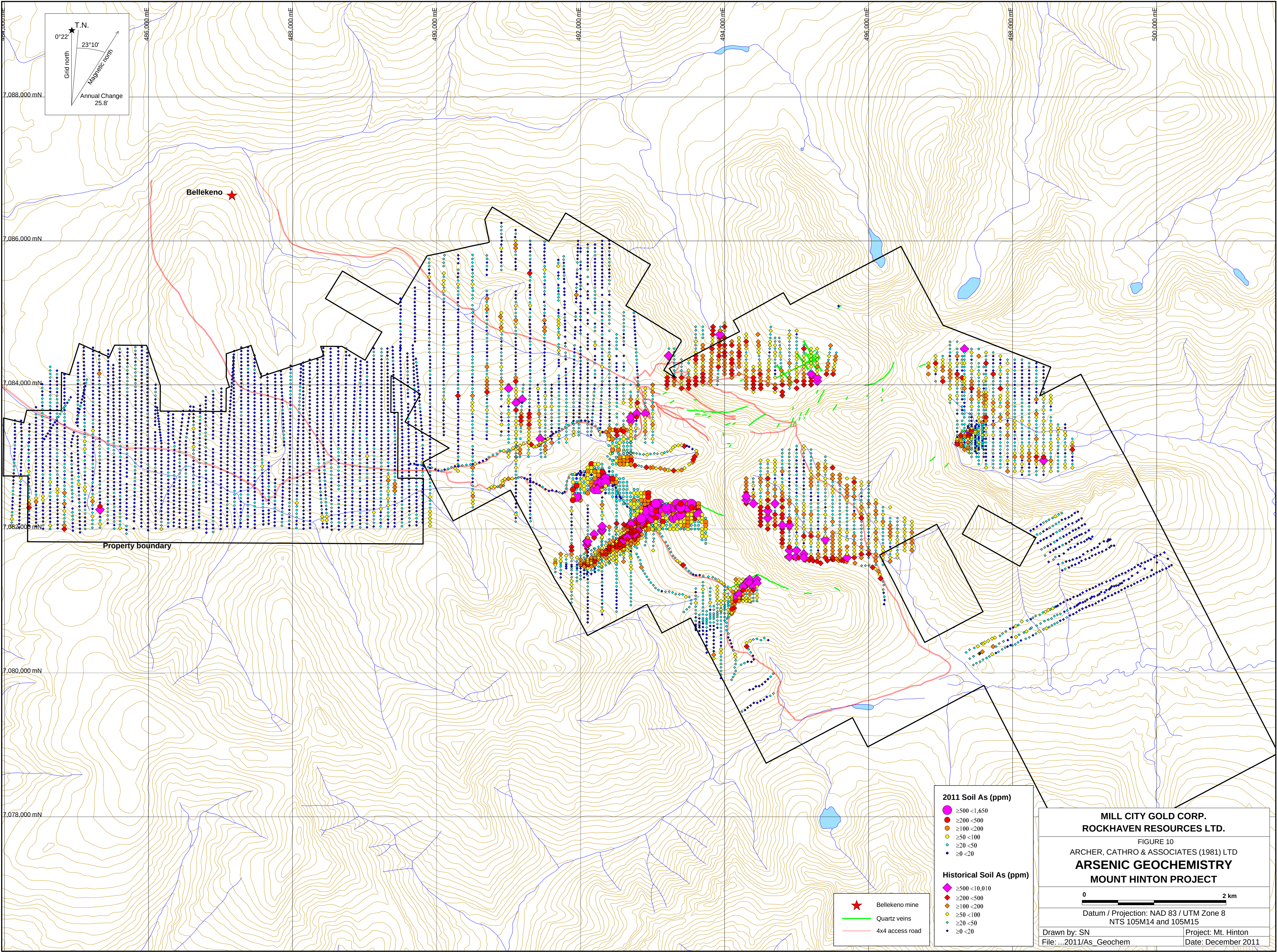
Datum / Projection: NAD 83 / UTM Zone 8
NTS 105M14 and 105M15

Drawn by: SN
File: ...2011/Pb_Geochem

Project: Mt. Hinton
Date: December 2011



MILL CITY GOLD CORP. ROCKHAVEN RESOURCES LTD.	
FIGURE 9	
ARCHER, CATHRO & ASSOCIATES (1981) LTD	
ZINC GEOCHEMISTRY MOUNT HINTON PROJECT	
0  2 km	
Datum / Projection: NAD 83 / UTM Zone 8 NTS 105M14 and 105M15	
Drawn by: SN	Project: Mt. Hinton
File: ...2011/Zn_Geochem	Date: December 2011



MILL CITY GOLD CORP.
ROCKHAVEN RESOURCES LTD.

FIGURE 10
ARCHER, CATHRO & ASSOCIATES (1981) LTD

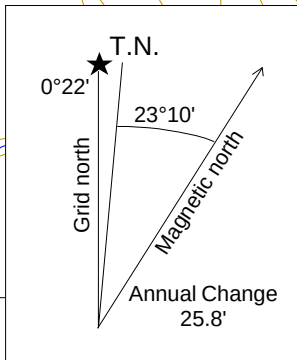
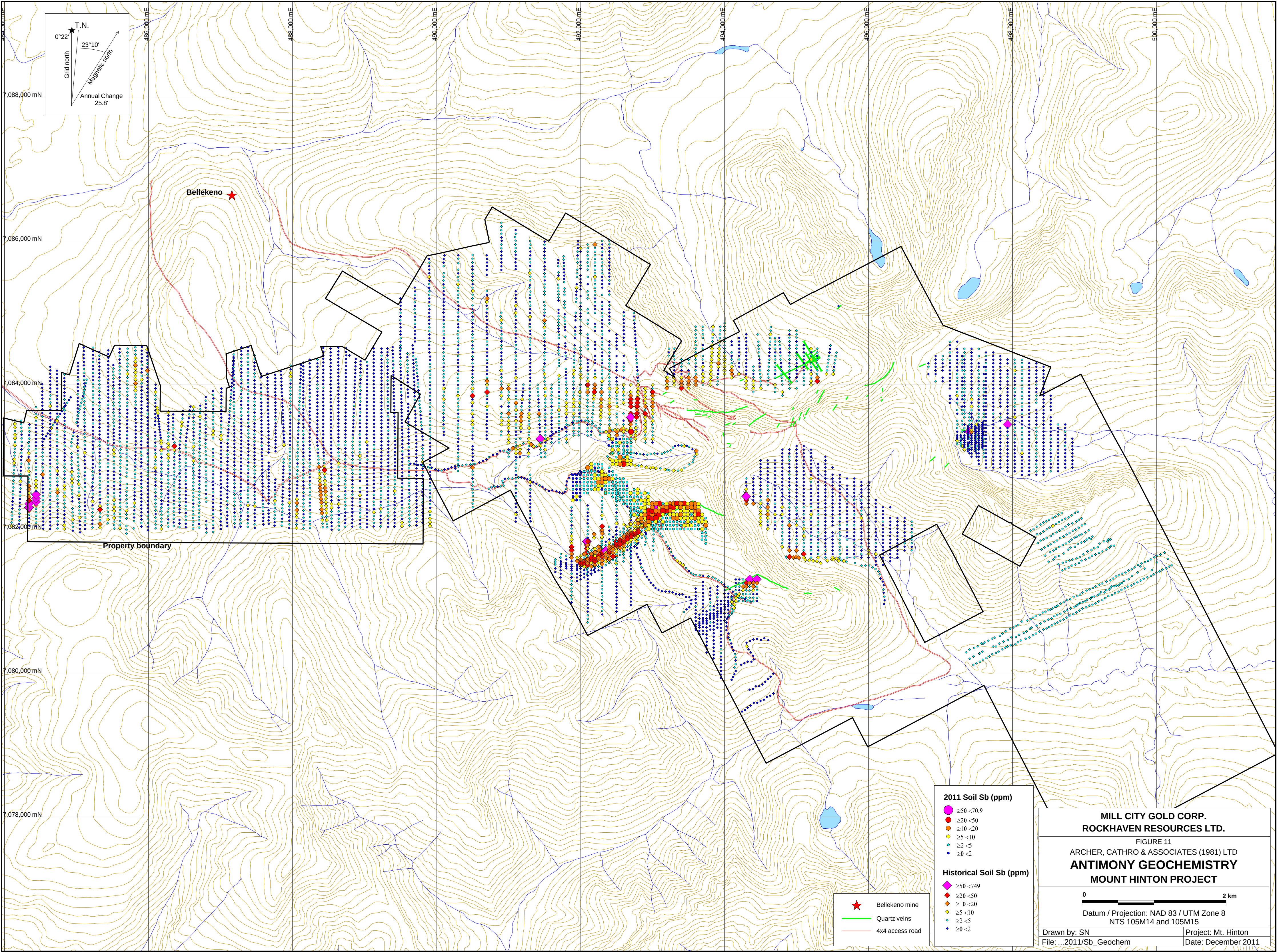
ARSENIC GEOCHEMISTRY
MOUNT HINTON PROJECT

0 2 km

Datum / Projection: NAD 83 / UTM Zone 8
NTS 105M14 and 105M15

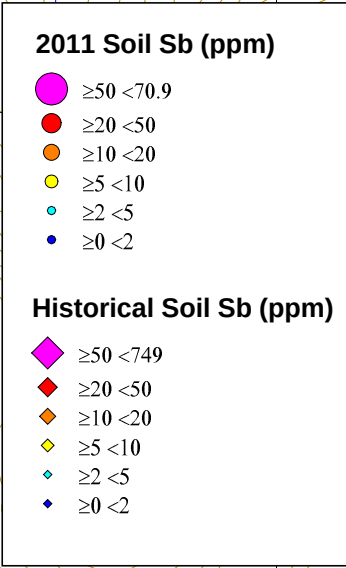
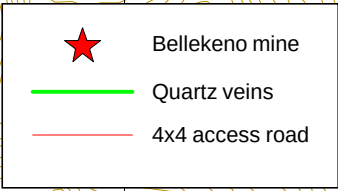
Drawn by: SN
File: ...2011/As_Geochem

Project: Mt. Hinton
Date: December 2011



Bellekeno

Property boundary



MILL CITY GOLD CORP.
ROCKHAVEN RESOURCES LTD.

FIGURE 11
ARCHER, CATHRO & ASSOCIATES (1981) LTD
ANTIMONY GEOCHEMISTRY
MOUNT HINTON PROJECT

02 km

Datum / Projection: NAD 83 / UTM Zone 8
NTS 105M14 and 105M15

Drawn by: SN
File: ...2011/Sb_Geochem

Project: Mt. Hinton
Date: December 2011