

ASSESSMENT REPORT

2011 SOIL GEOCHEMICAL EXPLORATION

PROGRAM ON THE

EUREKA DOME PROPERTY

(Owned by Pacific Ridge Exploration Ltd.)

UTM Zone 7 – NAD 83
Claim Sheets No 1150/07 and 1150/10,
Latitude 63° 30' N, Longitude 138° 47' W
Dawson Mining District
Yukon, Canada

EU 1 – 108 YC94237 - YC94344) and MOOSE 1-48 (YC94189 – YC94236)

PREPARED ON BEHALF OF PACIFIC RIDGE EXPLORATION LTD.

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Work performed between September 3rd and 11th 2011

March 8, 2012

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SUMMARY

The Eureka Dome property is located approximately 70 kilometers south–southeast of Dawson City and 366 kilometers northwest of Whitehorse, approximately 55 kilometers north of the White Gold discovery in Yukon’s Stewart River-Klondike goldfield area. Pacific Ridge Exploration Ltd. (“Pacific Ridge”) holds a 100% interest in the 156 quartz claims consisting of EU and Moose mineral claims, covering approximately 32 km² (the “Property”). The Property covers the eastern flank of Eureka Dome and adjoins the eastern boundary of claims now held under option by Golden Predator Corp. who, in 2010, drill tested an extensive gold-in-soil anomaly previously defined by Strategic Metals Ltd. on the west side of Eureka Dome.

The Eureka Dome area is distinguished by a long history of placer mining. Placer gold occurrences in most of the creeks draining all sides of Eureka Dome have been documented since the 1898 Klondike gold rush. Geochemical anomalies on the Property indicate the potential for the occurrence of a high level epithermal style alteration system with anomalous arsenic, mercury, barium, antimony and gold values occurring within silicified and brecciated metasedimentary rocks.

Pacific Ridge’s 2011 exploration program on the Property consisted of GPS controlled ridge and spur geochemical soil sampling using with hand held augers, resulting in the collection and analysis of 988 samples.

INTRODUCTION

The EU and Moose mineral claims constitute the 100% Pacific Ridge Exploration Ltd. (“Pacific Ridge”) owned Eureka property (the Property). The claims were staked to cover an area that contains the headwaters of some of the major tributaries that drain into many creeks and rivers with a long standing history of placer mining activity within the southern part of the Klondike gold field.

Pacific Ridge’s 2011 ridge and spur soil geochemical exploration program was designed as a reconnaissance phase exploration program aimed at locating the bedrock rock source of the placer gold deposits in the area. A total of 988 soil samples were collected and analyzed for 36 elements using Acme Analytical Laboratory’s (“Acme”) 1DX2 aqua regia digestion of a 15 g sample split and analysis by ICP-MS. No extremely high geochemical values were encountered by the survey, but there are sufficient moderately anomalous results to warrant further work. The sampling program was adversely affected by permafrost especially on the north and west facing slopes. Despite the permafrost problem, the property is considered a very good candidate for further geochemical exploration work, based both on the results of 2011 exploration program and the results of 2009 exploration work that defined a breccia zone within Nasina Quartzite containing geochemically anomalous values in arsenic, mercury and gold (indicative of an epithermal gold system). The results of previous exploration work on the Property, the history of placer mining from almost all the creeks that drain the Property and its close proximity to known gold deposit all suggest the Property has a good chance for the discovery of significant gold mineralization

This report presents the results of the 2011 soil geochemical program and is written for assessment reporting purposes. It is submitted in support of Pacific Ridge’s application for a Certificate of Work filed in the amount of \$77, 971 to keep each of the 156 mineral claims in good standing for the next 4.75 claim years through to 2017.

LOCATION AND ACCESS

The Property is located approximately 70 km south-southeast of Dawson City, on the eastern flank of Eureka Dome in Yukon’s Stewart River-Klondike goldfield area, NTS map 115O/10 and 115/07, Dawson Mining District, Yukon (Figure 1). The property is located within 5

kilometres of tote-trail road access and is accessible during the summer to fall months, via the rough Black Hills mining road, or by helicopter from Dawson City. Parts of the property are accessible by truck and on foot but the southern part requires a helicopter for access.

PHYSIOGRAPHY

The property lies between the elevations of 488 and 1524 m above sea level at the top of Eureka Dome. It runs along a northwest trending ridge line which is for the most part above tree line and is well-drained by tributaries of Black Hills Creek to the southwest, Eureka Creek to the north, Steel Creek to the northwest and Wounded Moose Creek to the east.

MINERAL CLAIMS

The Property is located within the Dawson Mining District and consists of 108 EU and 48 Moose claims staked by Pacific Ridge and recorded April 06, 2009. The Property covers approximately 32 km² or 3,200 ha. Figure 2 shows the current claim holdings for the Property and the claim details are described in Table 1.

Table 1. Eureka Dome property: EU and Moose claim details.

Claim Names	Grant Number	Expiry Date
Moose 1 to 48	YC94189 to 94236	4-Mar-2017
EU 1 to 108	YC94237 to YC94344	4-Mar-2017

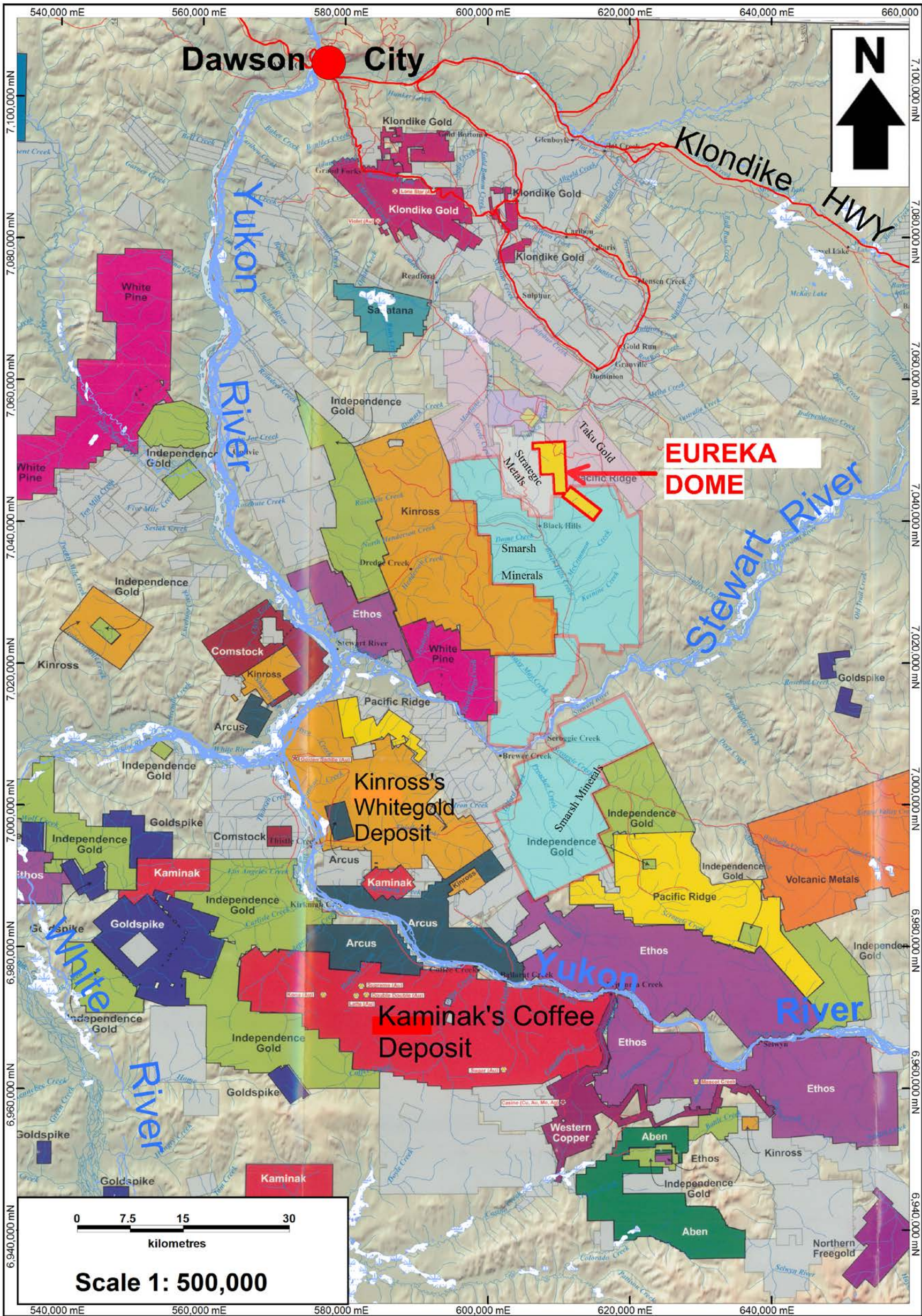


Figure 1. Eureka Dome property location map.
(Modified from Intierra Mapping's White Gold District Mining and Exploration Activity Map, 2012)

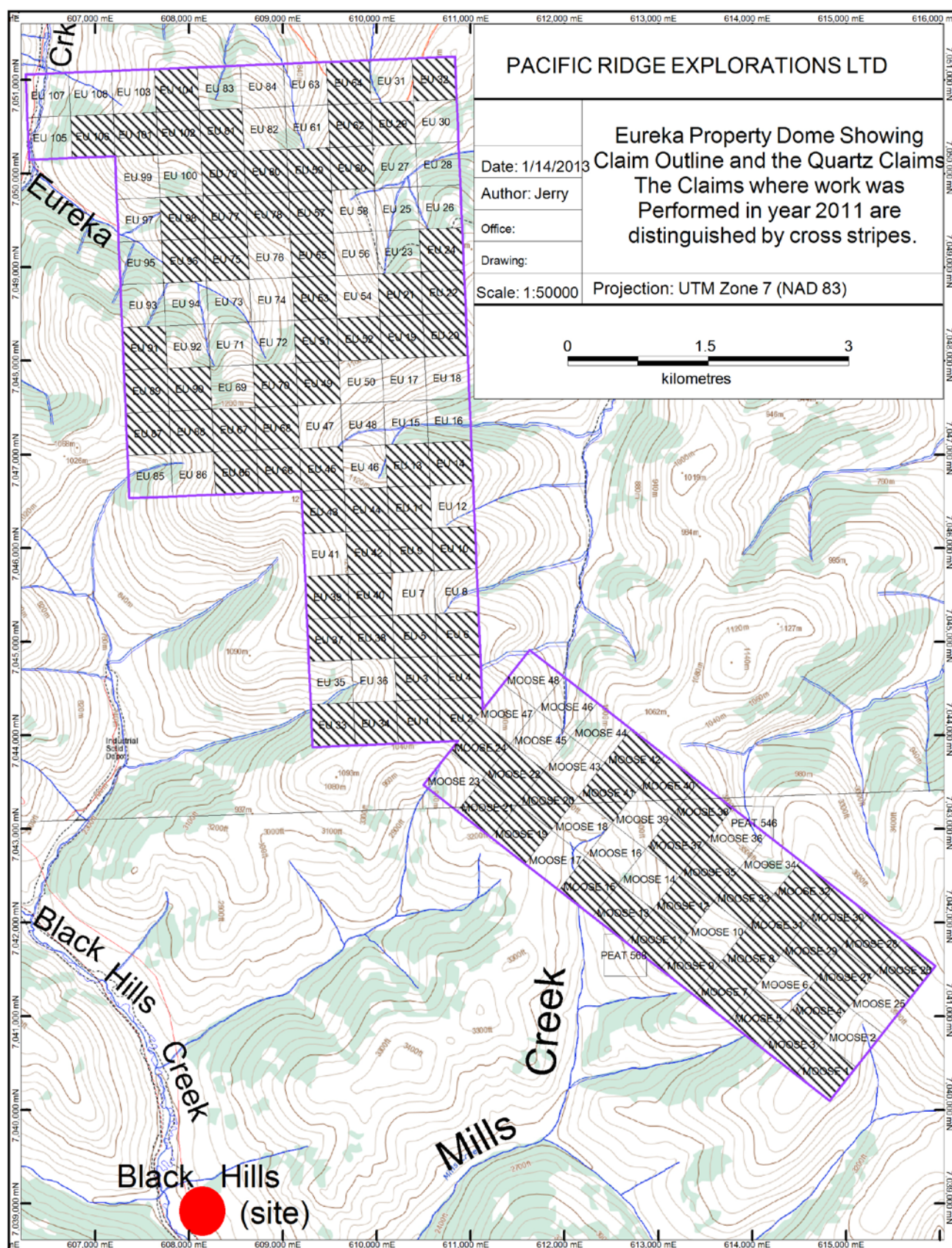


Figure 2. Eureka Dome property claim map.

PREVIOUS WORK

The Property lies between the well explored and geologically complex Klondike gold field to the north and the Stewart River area to the south. The area was first mapped on a regional scale by Bostock (1942), and subsequently by Mortensen (1990), Ryan and Gordey (2001; 2004), and Gordey and Ryan (2005). Detailed geological and structural studies were carried out in the Klondike District by Mortensen (1996) and MacKenzie et al. (2008), and in the White Gold area by MacKenzie et al. (2010). In addition, a large amount of regional and property scale structural mapping has been carried out by researchers working with the Yukon Gold Project, a collaborative venture between the Mineral Deposit Research Unit at UBC (“MDRU”) and member companies to improve the regional geological and metallogenic knowledge base in the Yukon's Dawson Range and White Gold districts (e.g. M. Allan, J.K. Mortensen, L. Bailey, G. Mackenzie, and others, unpublished mapping).

Historically, Eureka Creek has been a relatively rich placer gold producer in comparison to other gold-producing regions outside of the Klondike Goldfields. Placer mining activity in Eureka Creek dates back to the 1896 gold rush. During the period 1978-82, Eureka was the first-ranked placer creek in Yukon. The reported historical placer production from Eureka & Black Hills Creeks is estimated to be greater than 140,000 oz. Au (Yukon Placer database, 1978-1982).

Dawson Eldorado Mines Ltd. and Wealth Resources Inc. in 1988 performed the first documented property scale hard rock exploration work in the area. Mapping and soil sampling was conducted along the ridge system separating upper Eureka Creek from Childs Creek on the REKA claim group. The claims were staked to cover the probable source area of an anomalous GSC reconnaissance stream sediment sample collected from the headwaters of Eureka Creek. The occurrence marks the location of GSC stream sediment sample containing 89 ppb Au, 38 ppm As, 0.8 ppm Sb and 110 ppb Hg (Minfile Occurrence 115O 057). The sample was collected from the right fork of Eureka Creek approximately 1.6 km west of the western boundary of the Property (Figure 7, GSC, 1986 Open File Report #1364). The 1988 exploration work defined three target areas consisting of north to northwest-trending fractures and breccias zones. This northwest-trending feature intersects both forks of Eureka Creek in areas of coarse placer gold mineralization and coincides with gold-in-soil anomalies with values up to 496 ppb. Samples across the central breccia zone returned values up to 520 ppm As and 180 ppb Au. Soil samples adjacent to the easternmost lineament returned values up to 155 ppb Au (Van Angeren, 1988).

Pearl Petroleum Corporation Ltd. re-staked the property as the Clara claim group in 1992 and performed preliminary geological mapping as well as soil and rock sampling. The program identified several gold-in-soil anomalies, the best of which strikes north-northeast and is at least 1.25 km long with an average width of 110 metres (Southam, 1993).

In 1993, prospector Jim Christie completed a reconnaissance work on the EG (now EU) and BP claims (Christie, 1994). Highly anomalous gold values were returned from silt samples collected from the head waters of Eureka Creek which is located within the central portion of the EU claim block. Anomalous silt values include 900 ppb Au and 48 ppm Pb; 2190 ppb Au and 66 ppm Pb; 360 ppb Au and 76 ppm Pb. Approximately 600 m up-slope from the anomalous silts samples, anomalous values in soil and float samples returned up to 3390 ppm As, 17 ppm Hg and 72 ppm Sb. To the south, in Barite Pup and Childs Creek which drains the southern flank of the EU claims, silt sample C#526 returned 170 ppb Au while soil samples JC-1, 2 and 3 returned 2390 ppb Au, 365 ppb Au and 340 ppb Au respectively (see Figure 7). A float sample up-slope from the silt location returned 0.414 opt Au (Christie, J.S., 1994).

In the fall of 1993 Wealth Resources Ltd. and Pacific Mariner Exploration Ltd. conducted limited soil sampling and minor trenching focusing on the north trending breccia fault zones near the headwaters of Eureka Creek. The best soil sample returned 556 ppb Au and 0.3 ppm Ag. Ground geophysical surveying and deep trenching, utilizing bulldozers and excavators, was conducted in 1995 across selected areas with gold-in-soil anomalies and/or VLF-EM conductors. Assay result from the program returned up to 640 ppb Au over 2.0 m (Southam, 1995).

In 1999, Archer Cathro conducted silt sampling. The survey identified the area drained by upper Eureka Creek as a primary exploration target with 12 out of 16 samples returning values > 10 ppb Au with a peak value of 70 ppb Au (Wengzynowski, 2000).

The Eureka Joint Venture (Nordac Resources Ltd. and Expatriate Resources Ltd.) re-staked the property the Eureka claim group in February 1999 and expanded the property in April 1999. These claims and the adjoining Armenius claims located to the north (Minfile Occurrence #1150 118) form the Eureka property. The joint venture carried out stream sediment, soil and rock sampling programs later in the year (Wengzynowski, 2000).

J.P Ross conducted exploration in 2000 through the Yukon Mining Incentive program. He collected float and bedrock samples, silt samples and heavy concentrates through panning of stream sediments. Most of the silt samples collected returned anomalous values of gold, antimony and mercury. Samples with the best results are shown in Figure 7 (Ross, 2000).

Pacific Ridge carried out an exploration program in 2009 consisting of prospecting, geological mapping and rock sampling. The program indicated the potential for a high level epithermal style alteration system with anomalous arsenic, mercury, barium, antimony and gold values occurring within silicified and brecciated metasedimentary rocks (Norman, 2010; Ash, 2010).

REGIONAL GEOLOGY

The Property is located in the Stewart River-Klondike goldfield area within the extensive Yukon-Tanana Terrane (YTT) (Mortensen, 1990) which hosts numerous world class gold deposits.

The region is underlain by sequence of imbricated thrust panels consisting of polydeformed, late-Paleozoic aged metavolcanic and metasedimentary rocks which form part of the Yukon-Tanana Terrane (YTT) on the southwest side of the Tintina Trench. The interlayered metasedimentary and metavolcanic rocks are stratigraphically transposed and are intruded by a variety of deformed metaplutonic rocks within two of the thrust sheets (Mortensen 1990).

The Klondike Series is represented in the area by Klondike schist while the Yukon Group is represented by the Nasina series (Southam, 1995). Compositionally, the Nasina Series consists of thick, well foliated and schistose quartzites, micaceous quartzites, quartz-muscovite (+/- chlorite; +/- Feldspar augen) schist, and minor meta-conglomerate and meta-grit and marble. The Klondike schist includes chlorite schist, felsic schist, quartz-feldspar augen schist and orthogneiss, derived from both volcanic and plutonic meta-igneous rocks of middle Permian ages (Mortensen, 1990).

Mortensen (1990) suggests the YTT metamorphic rocks can be subdivided into three stratigraphic and two metamorphic units. The stratigraphic units include Assemblages 1, 2 and 3 while the metamorphic units are Mt. Burnham Augen Orthogneiss and Sulphur Creek Orthogneiss (see Figure 3), described below.

Stratigraphic Units

Assemblage 1 forms the uppermost thrust panel and underlies much of the district. It consists of variably metamorphosed, mid-Permian felsic plutonic, subvolcanic, and tuffaceous rocks. These rocks are generally medium to dark grey and sometimes contain thinly interbedded carbonaceous siltstone, fine sandstone and rare marble (Mortensen, 1990).

Assemblage II forms the second thrust panel. It is largely made up of Devonian-Mississippian quartzite, chloritic schist and amphibolite. Quartzite is generally pale coloured and contains variable quantities of mica and feldspar. Discontinuous lenses of marble and quartz-mica-calcite schist are recorded in some areas. These metasedimentary and metavolcanic units are intruded

by a large body of late Devonian - Early Mississippian granitic augen orthogneiss (Mortensen, 1990).

Assemblage III is the third structural unit and underlies assemblages I and II. It consists of mafic to intermediate schist plus quartzite and lesser amounts of felsic schist. Accessory minerals observed within the schist units include quartz and feldspar augen, actinolite and chlorite. Muscovite is often observed along foliation planes within the quartzite unit. Geochronological studies of these rocks suggest early Devonian to Mississippian age (Mortensen, 1990).

Metamorphic Units

Mt. Burnham Augen Orthogneiss is granitic in composition and consists mainly of subhedral to strongly flattened and broken potassium feldspar. The matrix is comprised of sucrosic quartz, biotite, muscovite and feldspar. This unit is assigned a Devonian-Mississippian age (Mortensen, 1990).

Sulphur Creek Orthogneiss is a pink weathered unit that has only been recognized in the vicinity of Sulphur Creek. It has a quartz monzonite composition and has been dated as Permian (Mortensen, 1990).

Mid to Late Cretaceous Igneous Units

Mid Cretaceous granitic stocks and related dykes are comprised of quartz, feldspar, muscovite, biotite and sometimes hornblende. The closest stock to the property is at Grizzly Dome some 38 km to south-southeast. Diabase and olivine gabbro lenses and plugs are believed to be coeval but are rare. These bodies form a loosely defined arc south and west of the project area, intruding rocks of Assemblages I and II plus the Mt. Burnham Augen Orthogneiss (Mortensen, 1990).

Late Cretaceous volcanic flows and feeder dykes are predominantly andesitic in composition. They are mapped unconformably overlying Assemblage I and Mt. Burnham Augen Orthogneiss and, more frequently as conformably capping thin continental sediment horizons that are also believed to be Late Cretaceous in age. The closest volcanic flow outcrop was mapped around Henderson Dome, 10 km south of the Property. Some of the smaller exposures of the volcanic unit are likely sub-volcanic feeder pipes or dykes (Mortensen, 1990).

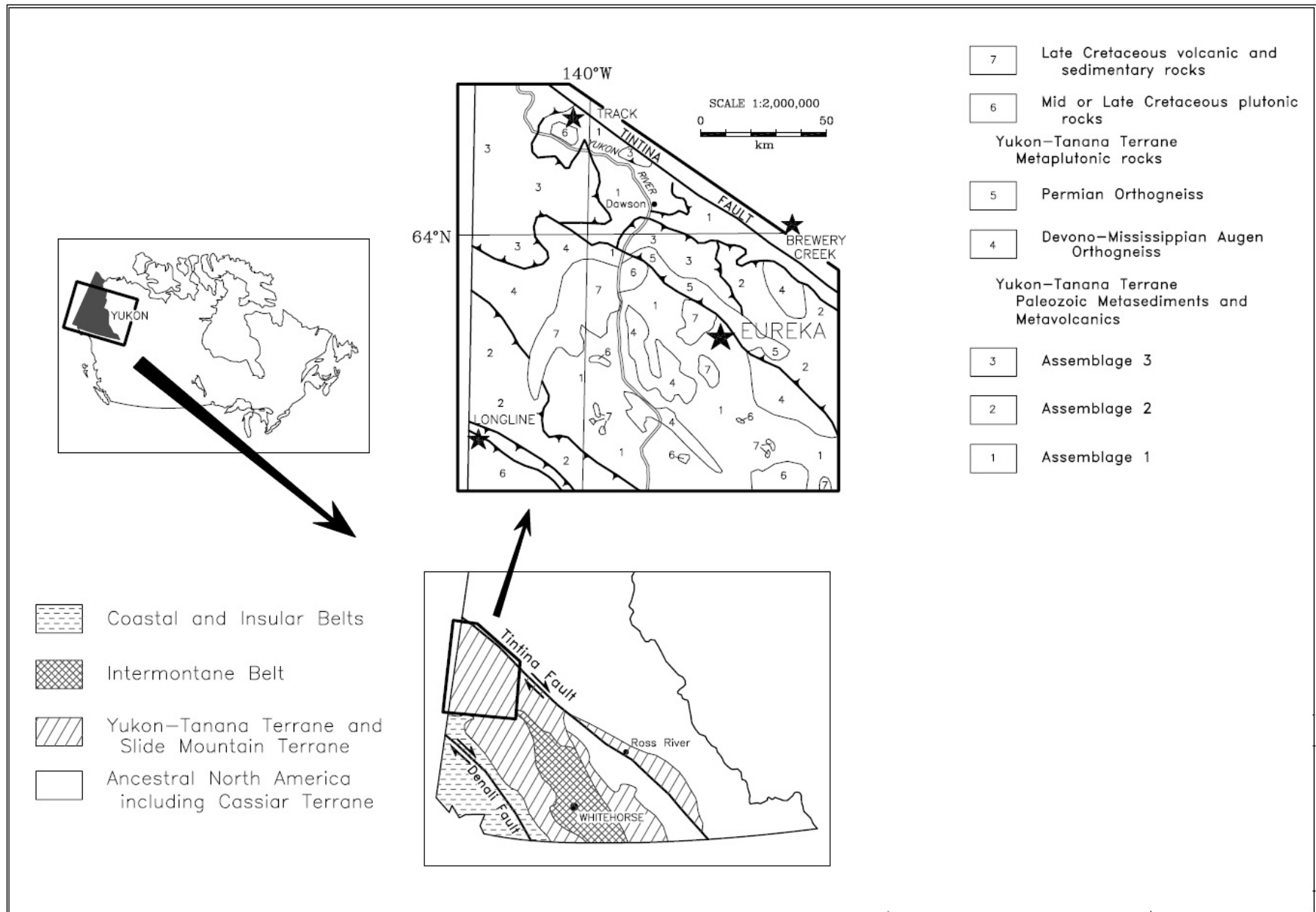


Figure 3. Regional geology of the Eureka Dome area. (Excerpt from Wengzynowski, 2006)

Structure

Four phases of deformation are observed within the imbricated rocks of the YTT in the Klondike district. The deformation is thought to have occurred from Mid-Permian to Cretaceous during and after accretion of YTT to North America (Wengzynowski, 1988).

The earliest stage of regional scale deformation and metamorphism that affected the area resulted in penetrative foliation approximately parallel to original bedding. This fabric trends roughly northwest and dips gently to the northeast. Small scale isoclinal folds were also developed at this time. The Phase II event occurred between Mid-Permian and late Triassic and formed close spaced crenulations cleavage. At least three different sub-phases of crenulation cleavage are observed. The latest may be associated with the development of thrust faults which are constrained to the period between Late Triassic and Early Jurassic. The onset of this faulting is also coincident with the emplacement of serpentinite bodies along the faults and small scale isoclinal folding, kink banding and warping. The final phase of deformation is coeval with the emplacement of Cretaceous intrusive bodies and resulted in broad low amplitude folding that masks and overprints the Phase I foliation. Steep faults are developed adjacent to some Cretaceous intrusions and are major controls for many of the drainages. Displacement on these structures is unknown but is believed to be minor (Wengzynowski, 1988).

A wide range of bedrock gold occurrences is thought to exist within the region, including: early Jurassic orogenic quartz-carbonate veins that are mostly common within the Klondike area (Chapman et al., 2010), intrusion-related mineralization in the Moosehorn range to the east (Dumula and Mortensen 2001) and late Cretaceous fault breccias and related high-level hydrothermal mineralization in the Eureka Dome and Golden Saddle (Mackenzie and Craw, 2009). All of the basement rocks are unconformably overlain by post-accretionary, gold-bearing conglomerates and sandstones of the Tantalus Formation, in turn overlain by the upper Cretaceous basalts and rhyolites of the Carmacks Group (Ryan and Gordey, 2004; Lowey, 2006).

Northeast of the property, the Tintina Fault shows dextral strike movement responsible for 450 km of offset since the mid Cretaceous (Ryan and Gordey, 2002).

PROPERTY GEOLOGY

Other than focused examination of exploration targets and reconnaissance surveys, no detailed mapping has been previously conducted on the Property. Ash (2010) completed a field investigation on Pacific Ridge's properties in the White Gold and Klondike Kate area including the Property in August and September 2010. He concluded that the Property is dominated by a relatively flat-lying succession of siliciclastic metasedimentary rocks. Results of previous exploration work in the area (e.g. Angeren, 1988; Southam, 1993; 1995; Mortensen, 1990; 1996; Wengzynowski, 2000; 2006) have identified three main units. Unit A is augen orthogneiss of the Permian metaplutonic suite. Unit B includes quartzite, phyllite and quartz-muscovite-biotite schist while Unit C is limestone. All the units belong to Assemblage 1 (Figure 4).

Unit A

Augen Orthogneiss (Poga). This unit is Permian in age and consists of K-feldspar augen orthogneiss which exhibit various states of strain including porphyroclastic gneiss. The augen range in size from 1 to 8 mm with aspect ratios of about 2:1. The matrix is well foliated and contains quartz, feldspar, biotite and muscovite. The unit is grey and weathers as large blocky slabs (Wengzynowski, 2006).

Unit B

Quartz-muscovite-biotite schist (DMps). This unit is Devonian–Mississippian in age and is the most abundant rock type observed on the property. It is dull greenish brown to grey and thinly foliated. It has been observed as homogeneous horizons over 10 m thick and as foliaform bands less than 0.5 m thick within quartzite. Chlorite, sericite and feldspar are the common accessory minerals and are often developed parallel to foliation. Where the schist contains feldspar it is usually crumbly due to the alteration of feldspar to clay minerals. Elsewhere it forms platy slabs.

Quartzite is dark grey to white and blocky when weathered. It forms resistant knobs near the top of ridge crests. The matrix is weakly to moderately sugrosic and often contains variable quantities of biotite and muscovite which define foliation planes.

Phyllite is grey-blue to black, non-graphitic and exhibits recessive weathering. This unit was only observed at three locales, two of which were in old trenches. At all three sites the phyllite is strongly clay altered and has a gougy and/or crumbly texture.

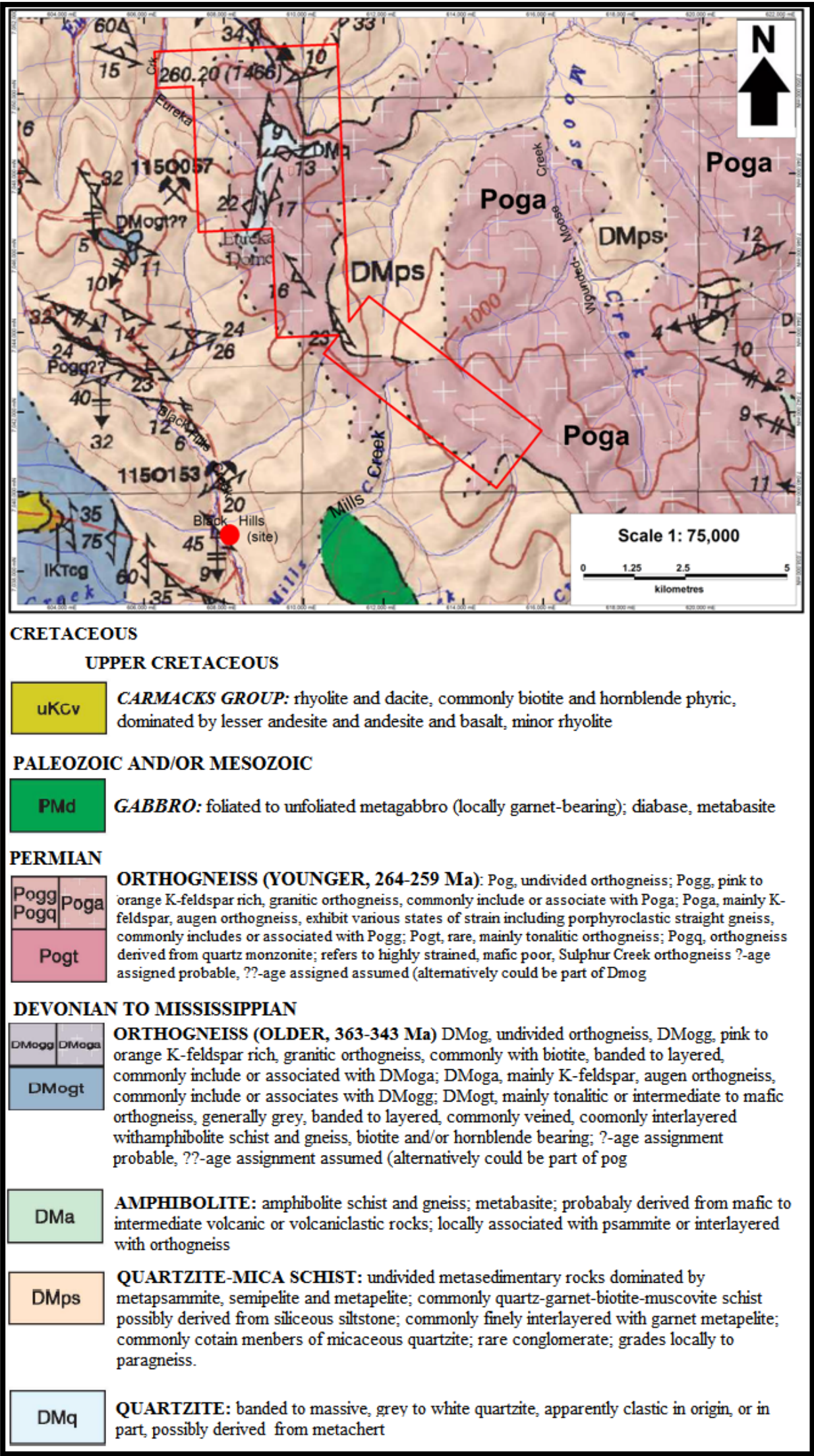


Figure 4. Geology of the Eureka Dome area. (from Gordey and Ryan, 2005, GSC O.F. map 4970)

Unit C

Limestone is very rare but was recorded by Wengzynowski (2006) in one of the localities. It is cream coloured, buff weathering and competent. The matrix is coarsely crystalline and contains variable amounts of biotite and muscovite. Near the headwaters of Childs Creek, the limestone is locally skarnified and exhibits diopside, garnet and minor sulphides (Wengzynowski, 2006).

Observation of rocks along Eureka and Childs Creeks, which drains the southwestern flank of the Property, shows the area has been extensively faulted allowing moderate to strong alteration of the surrounding bedrock. Evidence of faulting includes the presence of strongly milled, quartz rich breccia zones (Wengzynowski, 2006). Evidence of fracturing is common in most outcrops and talus fragments, especially in quartzite. Abundant quartz vein float is present in all placer creeks but only a few veins were observed cutting bedrock. They normally strike northeasterly and dip steeply to the northwest (Southam, 1995). Limonite after pyrite, commonly along fracture selvages, is the dominant alteration. Limonite cementing of breccia fragments forming ferricrete and complete obliteration of the host rock into a tan or grey clay gouge is also very common. The clay gouge varies in width from half a meter to greater than three meters. Folding and warping are implied by erratic foliation attitudes observed across the property (Southam, 1995).

MINERALIZATION

The regional prospecting and mapping by Ash (2010) shows that visible evidence of mineralization includes tan to rust-brown weathering limonite or goethite breccia and fracture fills in fine-grained quartzite. He reported hydrothermal style alteration and quartz flooding in float fragments at a number of locations on the Property. The only location where this style of alteration was identified in outcrop was in a road-cut exposure along the west side of the south end of McCrimmon Creek, roughly 16 km south of the Property. The altered and brecciated zone occurs in very fine-grained, bedded siliciclastic sediments. Several samples collected from the breccia and fracture zones returned assay results that showed some elevated base metal concentrations, with sometimes elevated As and Ba. Samples collected from bedrock appeared highly bleached and any potential sulphide metals may have been leached from the surface exposure (Ash, 2010). The origin for the style of mineralization is not fully understood. However, textural features suggest a possible epithermal hydrothermal source (Ash, 2010).

2011 EXPLORATION PROGRAM

During the summer of 2011, Pacific Ridge contracted All-In Exploration Ltd. to carry out a ridge and spur reconnaissance, deep auger soil sampling program on the Property. The 4-man team boarded at Pacific Ridge's Camp facility at Scroggie Creek and commuted to the Property daily by helicopter. The exploration program, which was carried out between September 3rd and 11th involved the collection of 988 soil samples at a total cost of \$77,971 including analytical cost. Figure 5 shows the location of the soil samples.

The coordinates of pre-planned sample locations (datum UTM Zone 7, NAD83) were uploaded to hand held Garmin 60CSx GPS units used by the sampling crew to navigate in the field. All samples were collected with one metre long Edelman Dutch hand augers. Soil samples were collected from depths ranging from 20 to 60 cm and the locations were marked in the field with blue or pink flagging and tyvek tags.

Samples weighing from 400 and 500 grams were collected and placed in labeled kraft soil bags. These were packaged into sealed rice bags and flown directly to either Whitehorse or Dawson City by chartered flight. They were then delivered to the Acme freight service by Small's Expediting and General Services Ltd. Soil samples were received and processed by Acme in Whitehorse and pulps were shipped to Vancouver for analysis. Samples were analyzed for 36 elements using Acme's 1DX15 analytical process, with an aqua regia digestion of a 15 g split followed by an ICP-MS finish. Acme is an ISO9001 accredited facility which conducted full internal QA-QC by insertion and monitoring of standards, blanks and duplicates into the sample stream.

Within the White Gold district, ridge and spur sampling has been demonstrated to be an efficient and effective method for doing a first pass examination of the potential for mineralization on a property. Hand-held augers are used to collect sample from sufficient depth within the C horizon, close to bedrock. It has been shown that even single point anomalies from a ridge and spur sample program can lead to a significant soil anomaly when followed-up by a subsequent detailed sampling program and ultimately a significant gold mineral occurrence, for example at the nearby QV property of Comstock Metals Ltd. (<http://www.comstock-metals.com/>).

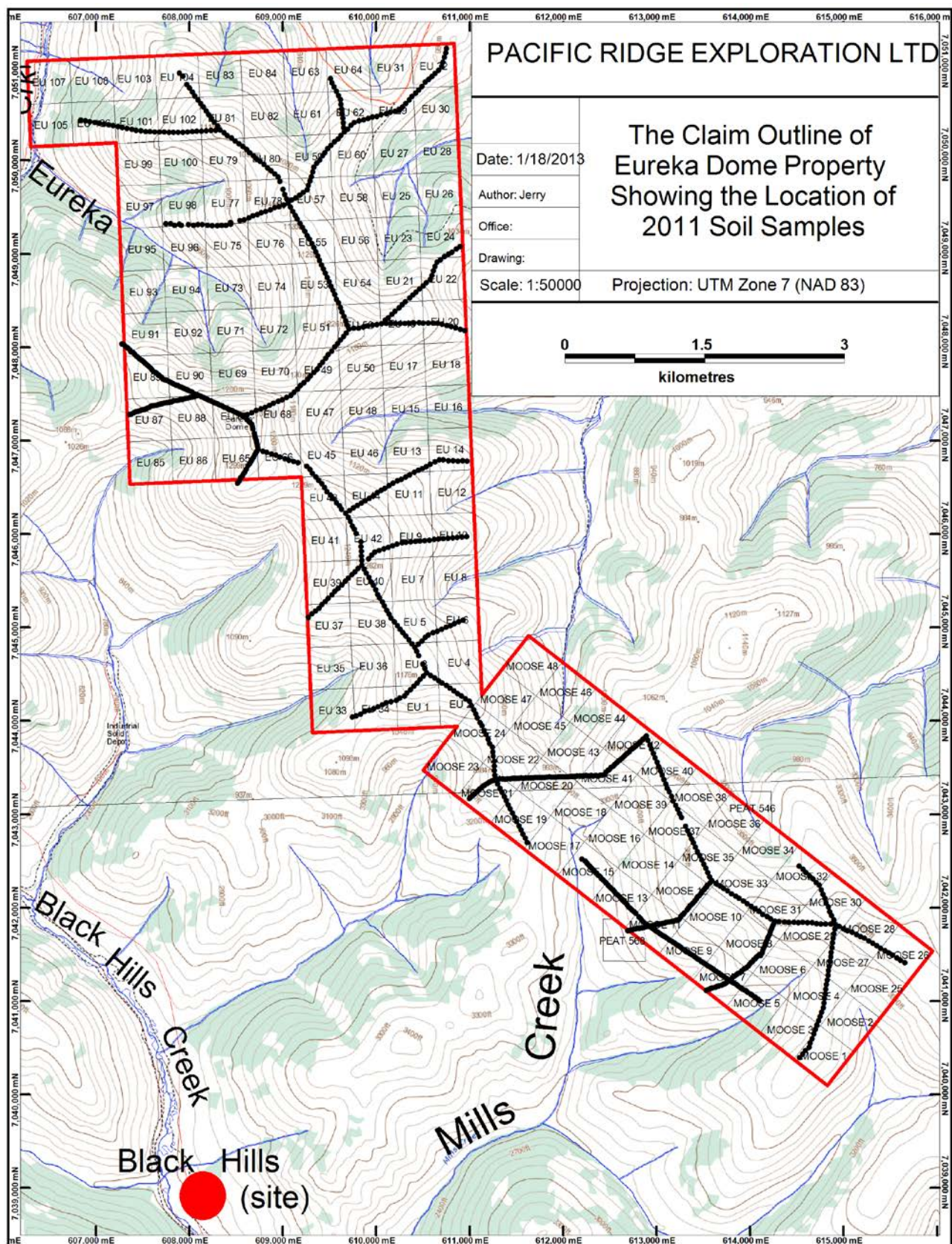


Figure 5. 2011 Ridge and Spur Soil sampling lines. Enlarged soil sample location maps and sample numbers are shown in Appendix 3.

2011 SOIL GEOCHEMISTRY PROGRAM RESULTS

The following section describes the observed soil geochemical anomalies detected by the survey on a metal by metal basis. Figure 6 shows the layout of the ridge and spur sample lines along with the anomalous gold samples. Detailed sample location maps are included in Appendix III, Figures 27 and 27. Individual anomaly maps for the key elements discussed below (Au, As, Mo, Cu, Sb, Ba, Ag, Pb and Zn) are included in Appendix II, Figures 8 to 25. A summary anomaly map is presented in Figure 7 along with a discussion of the main anomalous zones under the Conclusion section of the report.

Gold

The analytical result of soil samples returned moderately anomalous gold-in-soil geochemical values. It is interesting to note that only 86 out of the 988 samples collected have gold content that are below the 0.5 ppb detection limit of the analytic technique applied. 881 samples returned background gold values ranging from 0.5 to 9.0 ppb while anomalous gold values ranging from 10 to 68.5 ppb were obtained from 20 samples.

About 50% of the anomalous gold values plotted around the central part of the EU claim block for a distance of 2.0 km along the ridge. Given the density of sampling, it could be that this is a part of a more significant anomaly on either side of the ridge. (see Appendix II, Figures 8 & 9). The centre of the anomaly coincides with an area previously mapped by GSC as quartzite and in the area of a silicified breccia sample collected during 2010 prospecting that returned 21.6 ppb Au, 88.9 ppm Sb, 2.3 ppm Hg and 3,365 ppm As. This area is uphill from the fork of Eureka Creek where a lone silt sample had returned 6.1 ppb Au in -80+200 mesh and 118 ppb Au in -200 mesh (Ross, 2000). The mouth of the Creek has also been mined for place gold in the past (Ross, 2000). The rest of the anomalous gold-in-soil values plotted sporadically along the sample lines and could be part of a larger anomaly when followed up with a detailed soil survey.

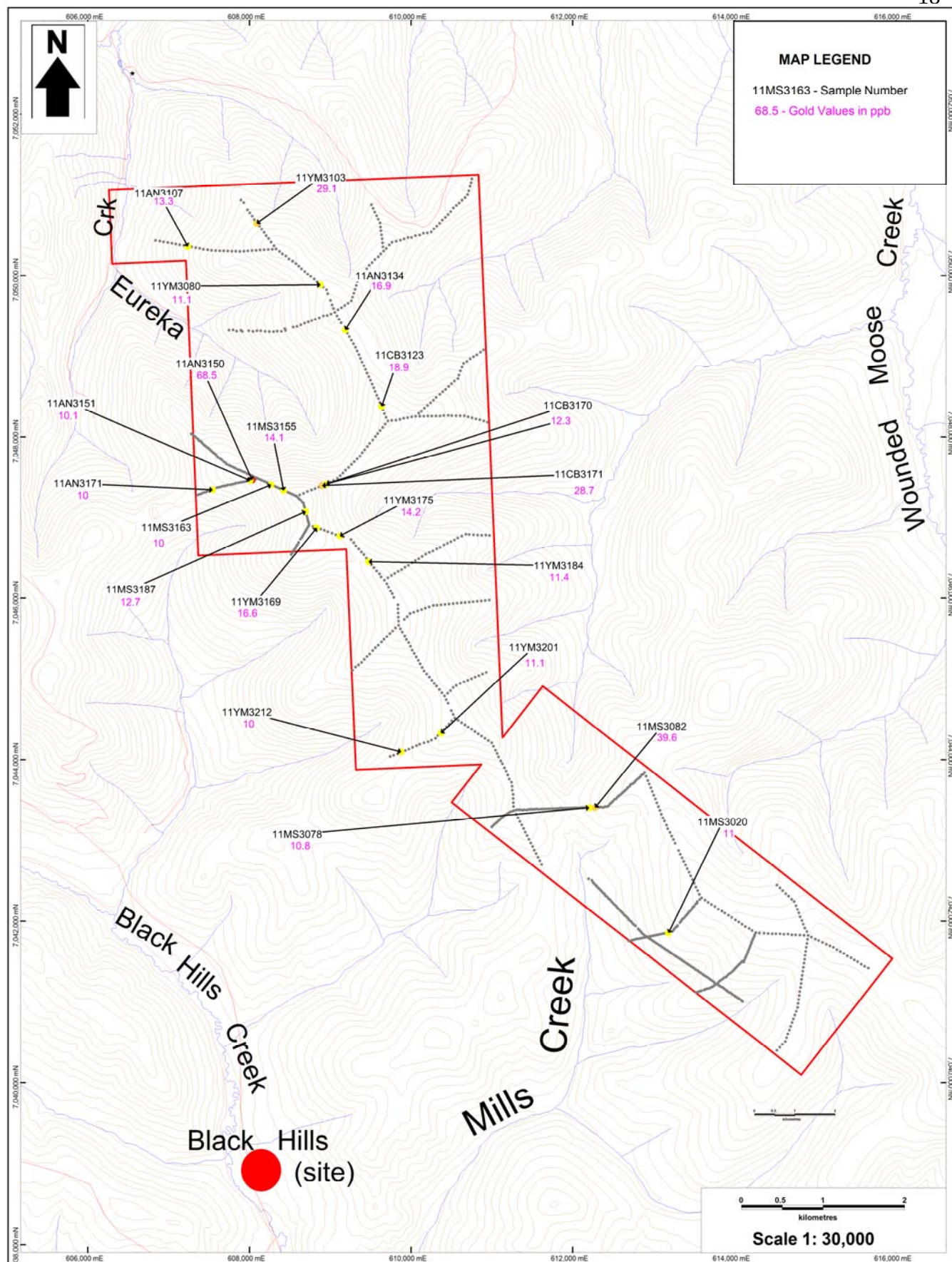


Figure 6. Soil sample locations showing anomalous gold values. See Figures 26 & 27 for details.

Arsenic

Arsenic values in soil are generally low in the area with background values within the range of 15 to 30 ppm. Values of 40 ppm and higher are generally considered to be anomalous within the district. Anomalous arsenic values, ranging from 50 to 100 ppm, occur over a distance of 700 m in the northeastern end of EU claim block (see Appendix II, Figures 10 & 11).

The trend and extent of the anomaly is not known due to the limited distribution of the samples. A broader anomaly with higher arsenic values, ranging from 60 to 650 ppm, occurs around the west central part of the EU claim block. This anomaly occurs on, and in close proximity, to the unit mapped by GSC as quartzite and it coincides generally with the previously described gold anomaly. Approximately 1.2 km northeast of the central anomaly is an area with scattered anomalous arsenic values, also in close proximity to the quartzite. The limited data available makes it difficult to define the extent and trend of the anomalies.

Molybdenum

Molybdenum values from the survey are generally low in the area. However, weakly anomalous values, ranging from 3 to 6 ppm, defined an approximately 1.2 km long anomaly in the central part of the EU block over the GSC quartzite unit. This anomaly is roughly coincident with that previously defined by gold and arsenic. Weakly anomalous molybdenum values also identified an anomaly in the northern part of the EU block which trends for about 2.8 km (Appendix II, Figures 12 & 13).

Copper

Moderately anomalous copper values in the range of 50 to 135 ppm, coincide with the gold, arsenic and molybdenum anomalies in the central part of the EU block. The majority of the elevated copper values cluster around the northern part of the EU block and define an approximately 3.0 km long northeast trending anomaly (Appendix II, Figures 14 & 15). There is a strong correlation between copper and moly.

Antimony

Greater than 1.0 ppm antimony is considered anomalous for this area by most authors, but 2.0 ppm was used as cut-off in this analysis to discriminate between background and anomalous values. Anomalous values of antimony define the same anomaly as gold, arsenic, molybdenum and copper in the central part of the EU claim. Antimony values are also consistently anomalous

for about 1.1 km in the northeastern part of the EU block. Elevated but spotty values occur in the central eastern part of the EU block and southern part of the Moose block (Appendix II, Figures 16 & 17)

Barium

Barium is generally high, ranging from 65 to 1845 ppm and appears to be evenly distributed along the sampling lines (Appendix II, Figures 18 & 19).

Silver

Silver values in soil are generally low. However, moderate values in the range of 0.3 and 1.0 ppm define 1.5 km long anomalous zone in the central part of the EU block, coinciding with the gold, arsenic, moly, copper and antimony anomaly (Appendix II, Figures 20 & 21).

Lead

Moderate lead values, ranging from 15 to 55 ppm, cluster in a couple of locations. The most important is in the central part of the EU claim block. The anomaly measures about 1.1 km and coincides with that defined by gold, arsenic, moly, copper, antimony and silver. A second anomaly measures approximately 1.6 km in the central eastern part of the EU block and coincides with an anomaly weakly defined by arsenic and antimony (Appendix II, Figures 22 & 23).

DISCUSSION AND CONCLUSIONS

The 2011 ridge and spur reconnaissance geochemical survey successfully delineated four areas of multi-element anomalies with greater than 10 ppb gold-in-soil and greater than 40 ppm Arsenic-in-soil. There are several other single point gold-in-soil anomalies that may result in significant anomalies with detail geochemical survey.

Figure 7 is a summary plot showing the four main anomalies, showing the gold and arsenic values in order to best define outline the zones. Note other isolated anomalous gold values. The locations of selected anomalous samples of J.P Ross (2000) are also shown on the map and the assay values in the table at the right hand corner of the map. Selected anomalous samples of geological Survey of Canada are also shown. Selected anomalous samples from the work of

Christie, J.S. (1994) are shown with gold values. Note the geochemical anomalies on both flanks of 2011 anomaly 1.

Anomaly #1 is the highest priority. It is defined by the coincidence of precious metals, base metals and pathfinder elements, including Au, Ag, Cu, Pb, As, Mo, Sb and Bi (see Appendix II). The anomaly occurs in all directions along the soil lines and spans over 2.0 km based on the result of the 2011 soil geochemical results. The true extent and orientation of the anomaly is not yet known due to the limited distribution of the samples. The results of geochemical analysis of several silt samples collected from the headwaters of Eureka Creek, which drains the northern flank of the anomaly, returned anomalous gold values ranging from 70 to 2190 ppb (Figure 7). Many soil and silt samples collected from, and around Childs Creek, which drains the southern part of the anomaly, returned anomalous gold values ranging from 195 to 2390 ppb. A float sample collected in the area returned 0.414 opt Au. Many of the samples collected by J.P Ross are highly anomalous in gold. The most important of these are shown Figure 7.

Anomaly #2 is second in priority. It is defined by the coincidence of multiple elements, including As, Cu, Ag, Sb, Mo, Zn and few points of anomalous gold (see Appendix II). The true extent of this anomaly is not known but it stands out consistently for over 1.5 km along the 2011 soil line. Historical sampling from the area of this anomaly has also indicated anomalous results (Ross, 2000).

Anomaly #3 is third in priority and is defined by the coincidence of anomalous Sb, As, Mo and spotty gold (see Appendix II). The extent and orientation of the anomaly is not known but the ridge and spur geochemical result suggests that it could be a very broad zone.

Anomaly #4 is fourth in priority, it is defined by the coincidence of a strong Pb anomaly with associated Zn, As, Au and Hg (see Appendix II). The full size of the anomaly is not yet known but the anomalous samples extend for over 1.1 km and could be wider with a detail survey. It is a known fact that a single point anomaly in ridge and spur geochemical survey can turn to a significant anomaly with detail gridded geochemical survey. Therefore, the several single point gold-in-soil anomalies shown in this result have potentials of becoming significant anomalies.

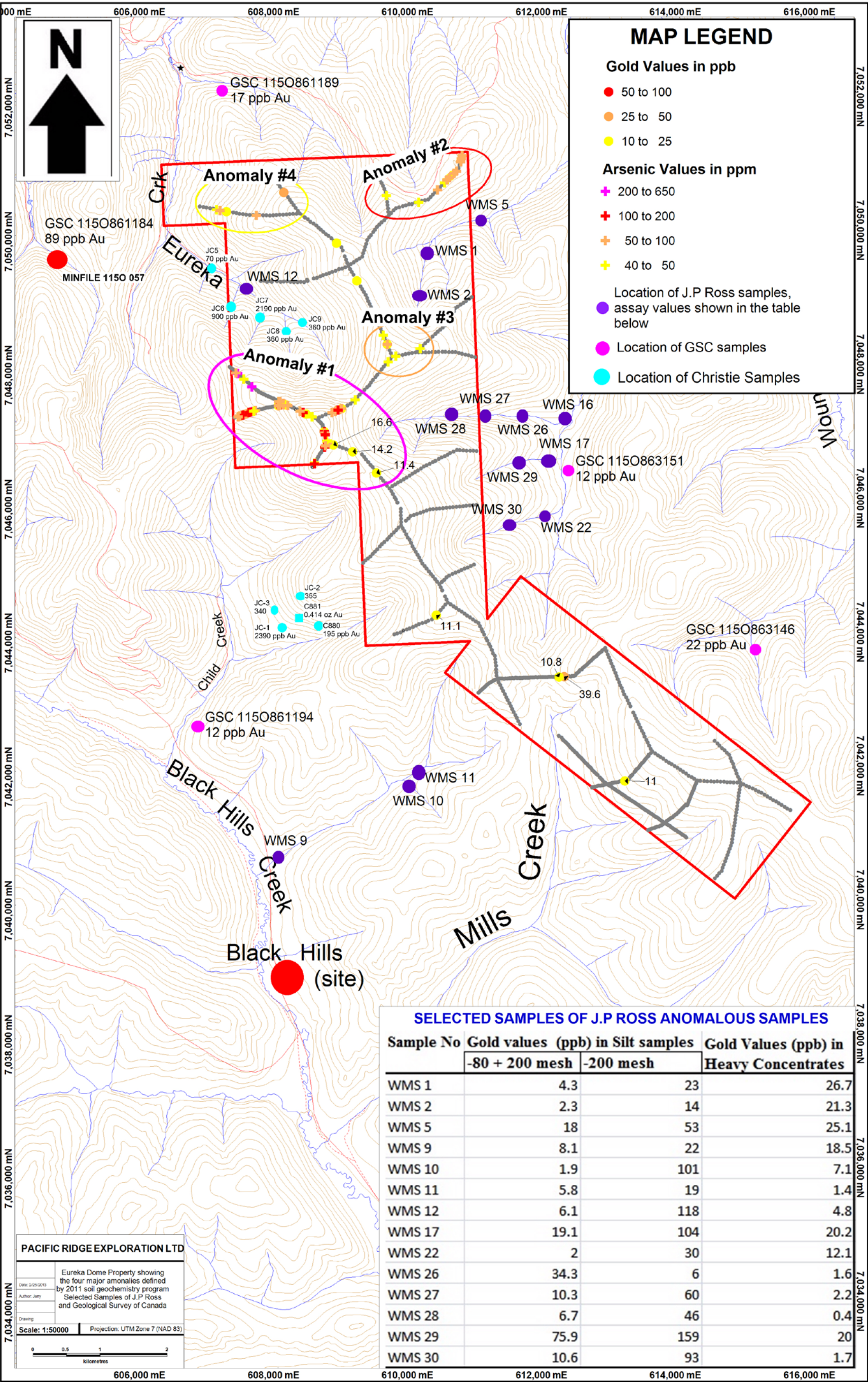


Figure 7. Detailed soil anomaly map showing anomalous gold and arsenic.

There is a significant placer mining history within and around the Property. Eureka and Black Hills Creek, with tributaries originating from the Eureka Dome property, have a record placer gold production of more than 140,000 ounces.

Some of the immediate creeks around the property with placer mining activities include Child's Gulch with record of placer gold mining and arsenic, mercury and antimony anomalies in silt. A float sample collected from the Gulch by Gimlex Enterprise Ltd. in 1993 returned 0.414 oz. Au/T (11.74 g Au/T). An unnamed tributary to the west of Wounded Moose Creek which drains the Moose claim block has Sb and Hg silt anomalies and placer claims that had been tested in the past. The Steeles Creek to the west of Eureka Creek has placer gold as well as Sb and Hg silt anomalies. The coarseness and roughness of the placer gold in the creeks increases upstream within the Property, possibly indicating a proximal source.

The anomalous Pb, As, Sb and Hg values obtained from samples from previous exploration program on the flanks of the ridges as well as from the 2011 ridge and spur geochemical survey lend credence to the gold anomalies in soil and silt samples down the slope and are indicative of a geochemical environment typical of epithermal gold deposits.

Considering the encouraging results of the 2011 reconnaissance geochemical survey, the positive results from previous exploration work on and around the property, the rich placer mining history from the creeks that drain the property, the known gold occurrences around the property and the defined gold deposits in the area, the Eureka Dome property has a high potential to host significant gold mineralization. Kinross Gold Corporation's White Gold deposit, 48 km southwest of the Property, contains an indicated resource of 9,797,000 tonnes grading 3.2 g/t Au, using a cutoff of 0.5 g/t Au for open pit and 2.0 g/t Au for underground (Weiershäuser et al., 2010).

RECOMMENDATIONS

The review of previous exploration work on, and around the Property is very encouraging. Only few of the anomalous samples from the work of J.P Ross, J.S Christie and the Geological Survey of Canada are shown in figure 5C. A compilation map of all previous work completed on the property is therefore recommended to guide decision on further exploration work on the property.

The 2011 ridge and spur reconnaissance soil geochemical program conducted on Eureka property successfully identified four areas with sufficient anomalous multi-elements in soils to warrant further work.

The results warrant establishment of a geochemical soil grid over the four distinct multi-element anomalies to determine and delineate their true extent, orientation and significance and to possibly define the potential source area of gold mineralization that fed the numerous placer gold deposit in the area.

A phase I follow up program consisting of widely spaced grid of about 100 m line spacing and 50 m sample stations along the line over the four identified anomalies is recommended. While it is a possibility for the four anomalies to be a single extensive anomaly, the phase I follow-up work on each of the anomalies are completely independent of each other. Contingent upon the success of the program and if necessary, a 50 m infill lines and 25 m sample stations can be design as a phase II follow up program to strengthen the result of the phase I program.

Prospecting for outcrops, subcrops and floats can be carried out simultaneously with the soil sampling program. Silt sampling of the creeks that drain the property can help strengthen the existing anomaly and possibly generate new targets. The recommended follow-up work can be combined into one program in order to minimize cost.

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CERTIFICATE OF QUALIFICATIONS

I, Jerry Solomon, of #31 Rotunda Street, Brampton, Ontario, certify that;

- 1) I hold the following academic qualifications:
 - i. B.Sc. (Geology and Mining) University of Jos, Nigeria (1999).
 - ii. M.Sc. (Economic Geol/Mineral expl.) Queen's University, ON (2006).
 - iii. M.Sc. (Integrated Petroleum Geosciences) University of Alberta (2010).
- 2) I am a registered Professional Geologist in the Association of Professional Engineers, Geologists and Geophysicist of Alberta (membership #: 124322).
- 3) I have been in the practice of my profession as Exploration and Mine Geologist continuously since 1999.
- 4) I did not participate in the exploration work described in this report and have not visited the property.
- 5) The statements contained in this report and the conclusions reached are based upon the review of data from 2011 exploration activities, previous assessment reports on the property and a comprehensive study of most relevant assessment work records and maps published by the Yukon Government, exploration companies and professionals that previously worked in the area.
- 6) In this report, I have disclosed all relevant descriptive and interpretive materials that are, to the best of my knowledge, necessary to gain a complete understating of the viability and potentials of the project.
- 7) I'm responsible for the review of data and interpretation in this report entitled "ASSESSMENT REPORT: 2011 SOIL GEOCHEMICAL EXPLORATION PROGRAM ON THE EUREKA DOME PROPERTY"



Jerry Solomon, M.Sc., P.Geo.

Dated this March 8, 2013

Brampton ON.

APPENDIX I

APPLICATION FOR CERTIFICATE OF WORK AND STATEMENT OF COSTS

I, Janice L. Fingler

of 1100-1199 W. Hastings Street, Vancouver, BC

Phone 604-314-8458

make oath and say that:

Office Date Stamp

1. I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.

2. I have done, or caused to be done, work, on the following mineral claim(s): (Here list claims on which work was actually done by number and name)

Moose 1/3/4/5	YC 94189/191-193	Moose 35/37/38	YC 94223/225-226
		Moose 40-42	YC 94228-230
Moose 7-9	YC 94195/197	Eu 6	YC 94237-242
		Eu 9-11, 13-14	YC 94245-247; 249-250
Moose 11-13	YC 94199-201	Eu 19-22	YC 94255-258
Moose 15	YC 94203	Eu 24, 29	YC 94260-265
Moose 19-22	YC 94207-210	Eu 32-34	YC 94268-270
Moose 24	YC 94212	Eu 37-40	YC 94273-276
Moose 26-33	YC 94214-221	Eu 42-45	YC 94278-281
		Eu 49, 51-53	YC 94285, 287-289

situated at Eureka Creek/Dome Claim sheet No. 1150/10, 1150/07

in the Dawson Mining District, to the value of at least \$77,971 dollars,

since the 3rd day of September 20 12,

to represent the following mineral claims under the authority of Grouping Certificate No. HD3111.
(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

Moose 1-48 YC 94189 → YC 94236 4.75 years on each
Eu 1-108 YC 94231 → YC 94344 156 claims
\$74,100 total value

3. The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 56).

SOIL SAMPLING COMPLETED with a four man crew, flying
in with helicopter from Mariposa Creek/Savogre camp.

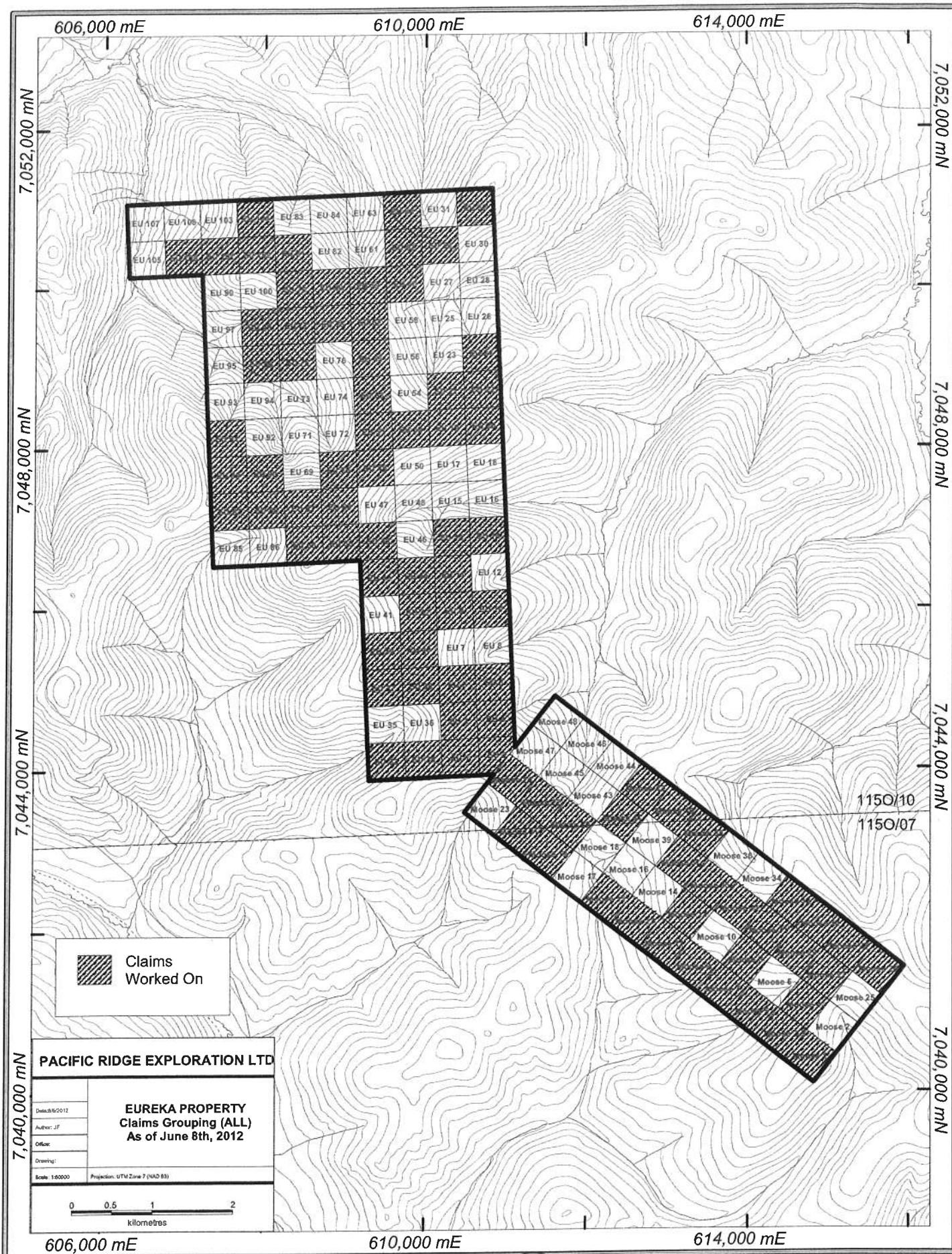
Sworn before me at Whitehorse this 8 day of JUNE 20 12:

Notary Public

Owner or Authorized Agent

Access to Information and Protection of Privacy Act

The personal information requested on this form is collected under the authority of and used for the purpose of administering the Quartz Mining Act. Questions about the collection and use of this information can be directed to the Mining Records Office, Mineral Resources, Department of Energy, Mines and Resources, Yukon Government, Box 2703, Whitehorse, Yukon Territory, Y1A 2C6 (867) 667-3190



8 June 2012

PACIFIC RIDGE EXPLORATION
 EUREKA DOME PROJECT
 Statement of Costs - 2011 Soil Sampling

Dates of Work	Completed by	CATEGORY	Unit	Number	Rate	Subtotal
Sept 3- 11, 2011	ALL-IN	PERSONNEL (9 crewdays)	crewdays	9	\$ 2,000	\$ 18,000
		FIELD SUPPLIES	per manday	36	\$ 30	\$ 1,080
		ROOM and BOARD, SUPPORT	per manday	36	\$ 150	\$ 5,400
		ANALYTICAL COSTS (Acme 1DX2)	per sample	988	\$ 21	\$ 20,748
		HELICOPTER SUPPORT (Prism)	per hour	18.3	\$ 975	\$ 17,843
		HELI FUEL (FOB Mariposa-\$550 ea)	drums	12	\$ 550	\$ 6,600
		FLIGHTS and EXPEDITING				\$ 3,500
		SUPERVISION and PLANNING	per day	3	\$ 600	\$ 1,800
		DATA COMPILATION, REPORT				\$ 3,000
TOTAL					\$ 77,971	

gdk 8 Jan 2012

Claim Status Report

08 June 2012

Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	NTS #'s
R EU 1 - 108	YC94237 - YC94344	2012/06/04	Pacific Ridge Exploration Ltd.	100.00	115O10
R Moose 1 - 48	YC94189 - YC94236	2012/06/04	Pacific Ridge Exploration Ltd.	100.00	115O07

Criteria(s) used for search:

CLAIM DISTRICT: 1000002 CLAIM STATUS: ACTIVE & PENDING DOCUMENT NUMBER: HD03111 REGULATION TYPE: QUARTZ

Left column indicator legend:

R - Indicates the claim is on one or more pending renewal(s).
P - Indicates the claim is pending.

Right column indicator legend:

L - Indicates the Quartz Lease.
F - Indicates Full Quartz fraction (25+ acres)
P - Indicates Partial Quartz fraction (<25 acres)

Total claims selected : 156

D - Indicates Placer Discovery
C - Indicates Placer Codiscovery
B - Indicates Placer Fraction

APPENDIX II

SOIL GEOCHEMISTRY FIGURES

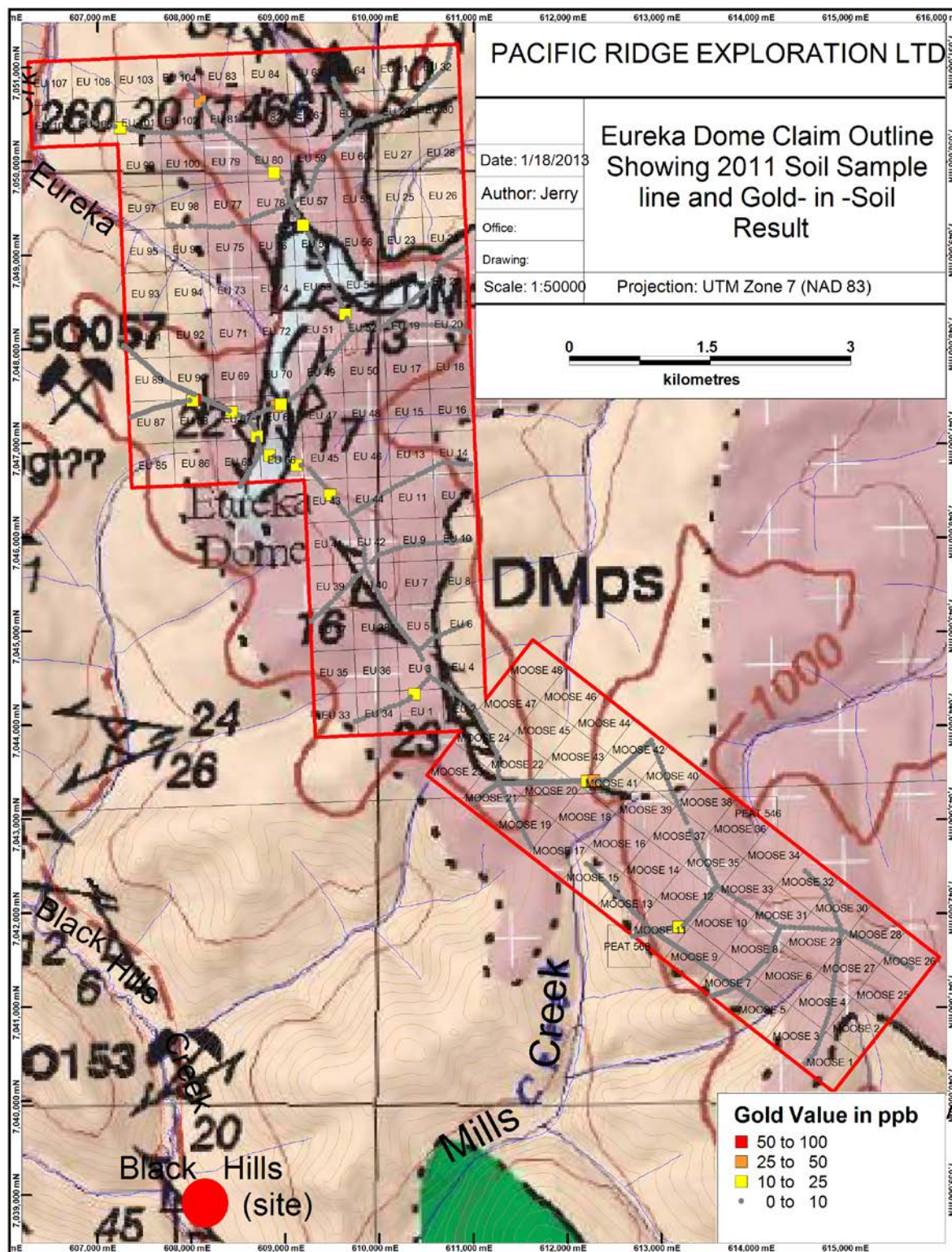


Figure 8. Anomalous gold on geology.

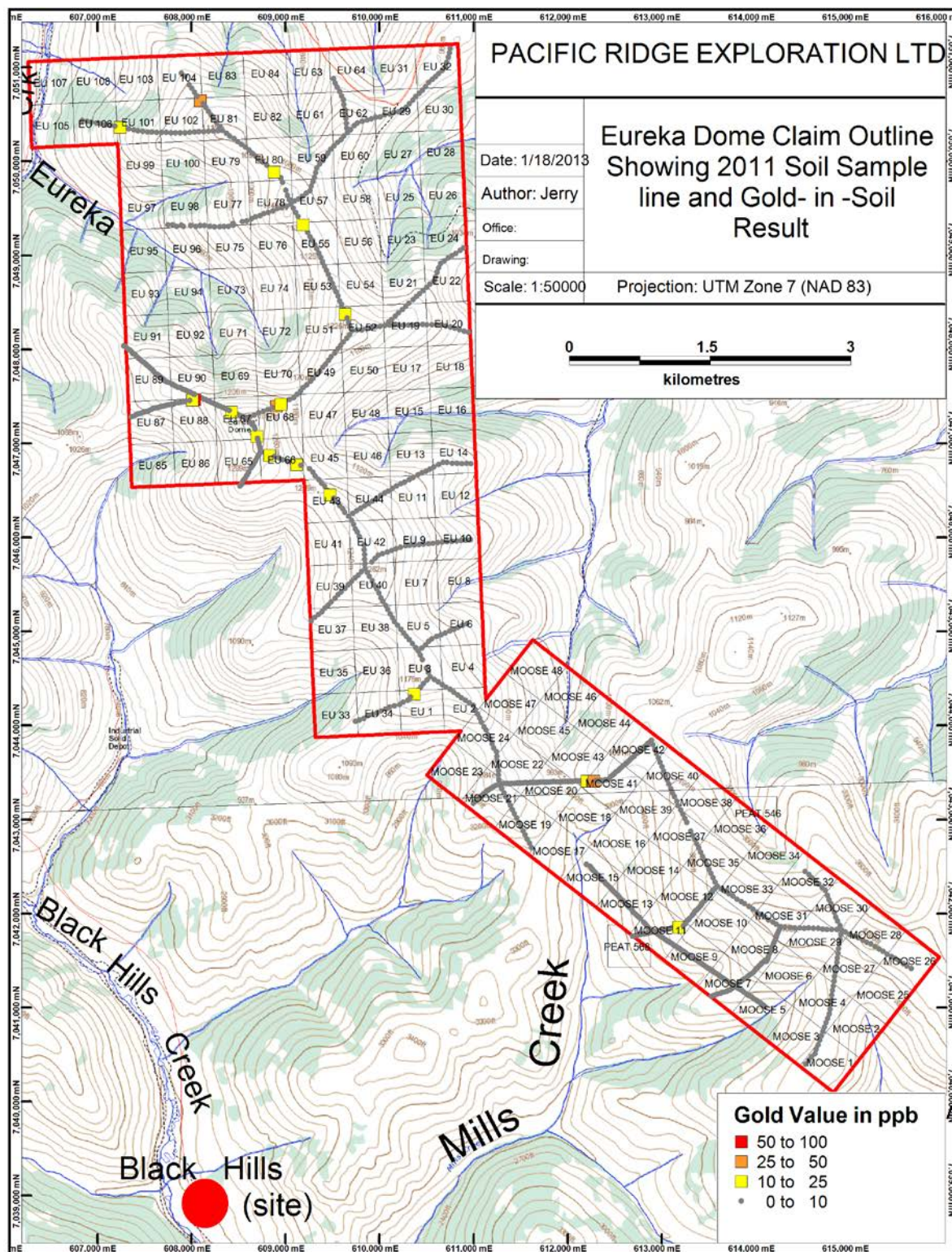


Figure 9. Anomalous gold on topo.

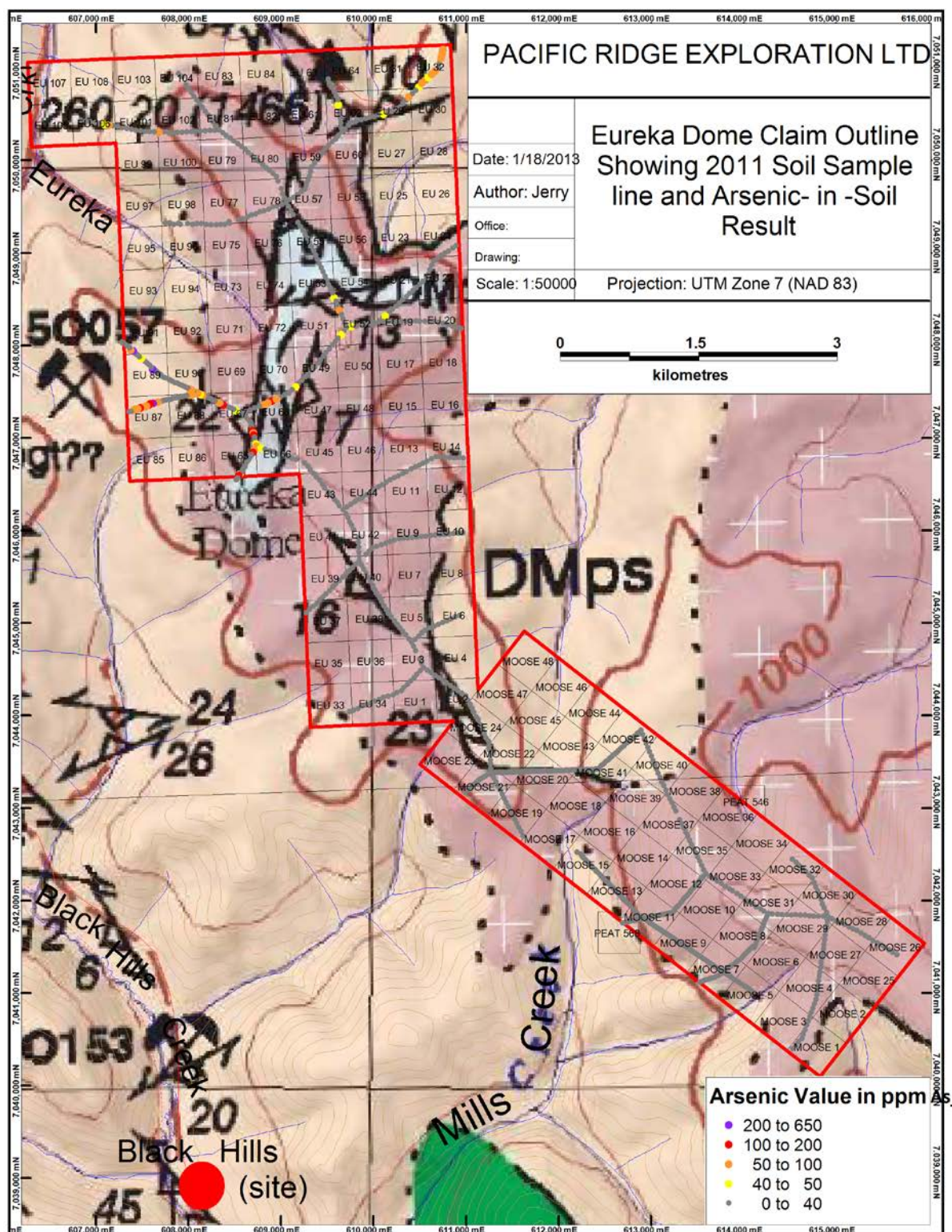


Figure 10. Anomalous arsenic on geology.

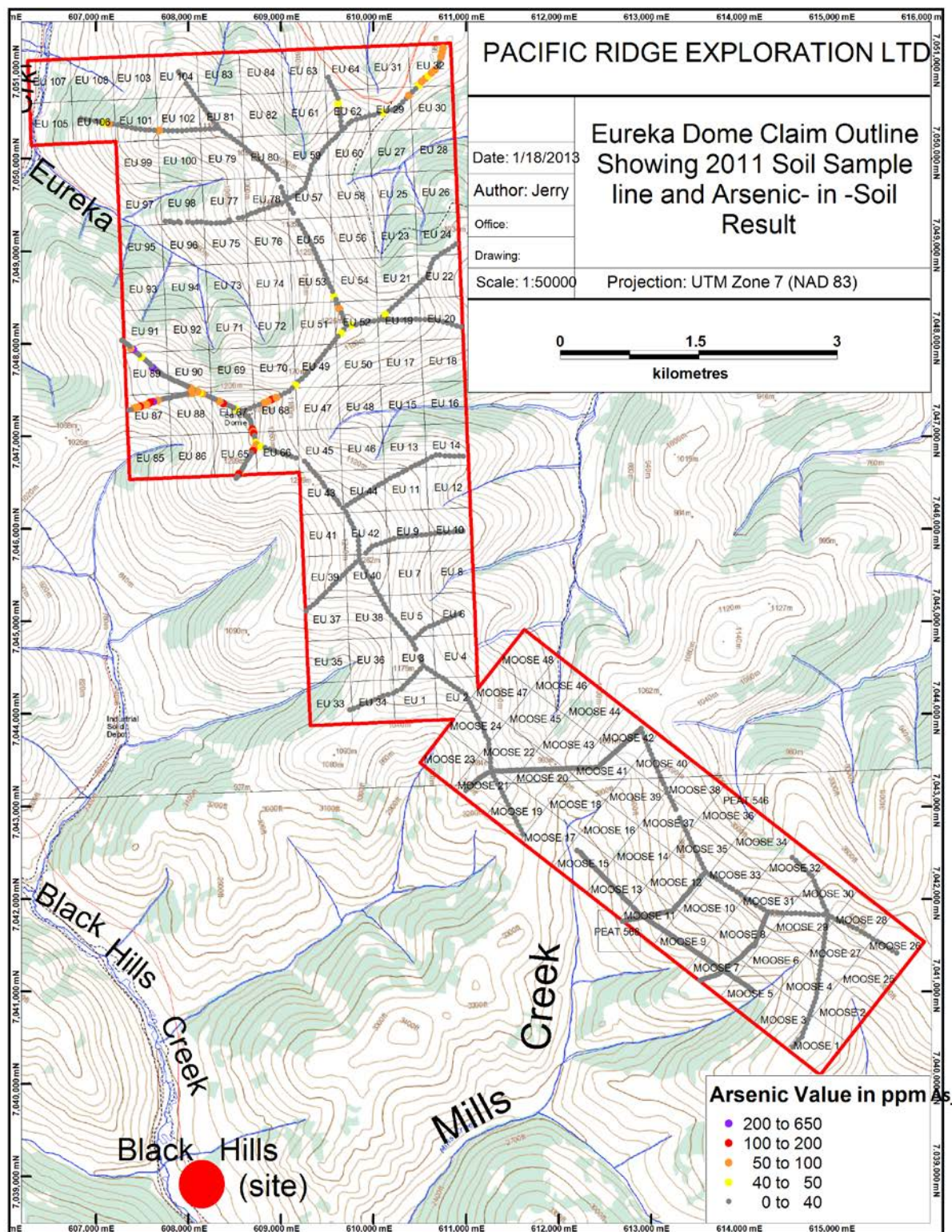
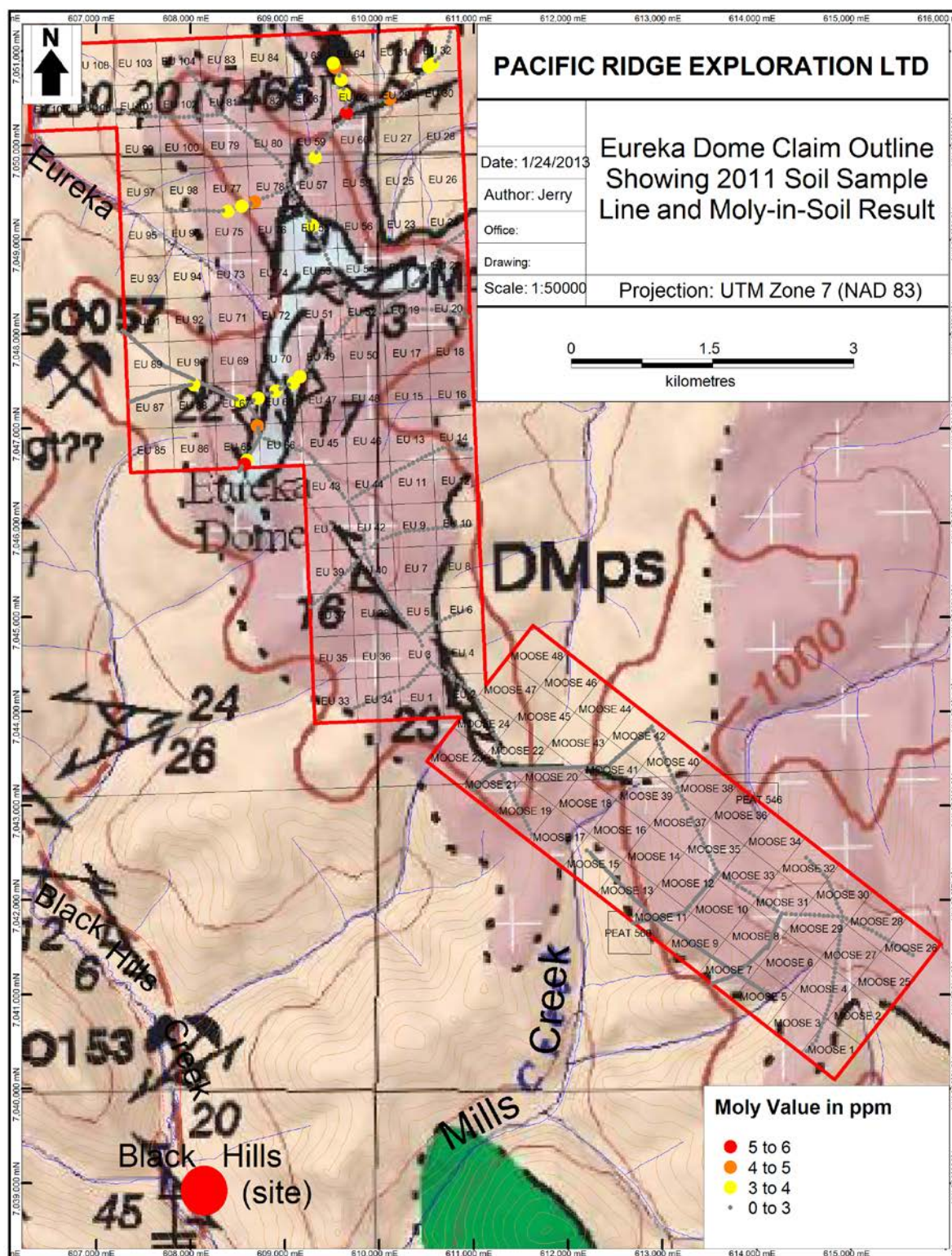


Figure 11. Anomalous arsenic on topo.



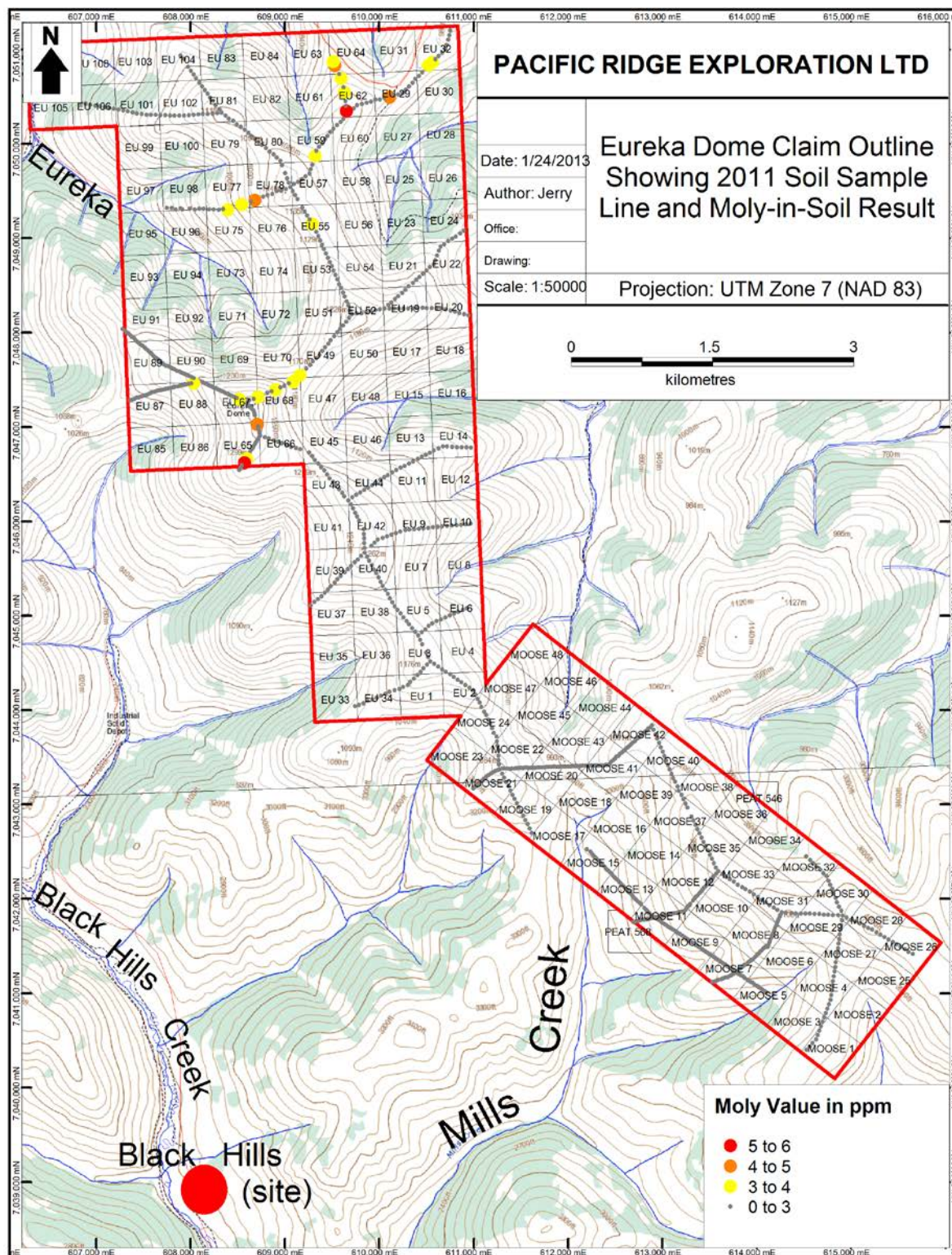


Figure 13. Anomalous molybdenum on topo.

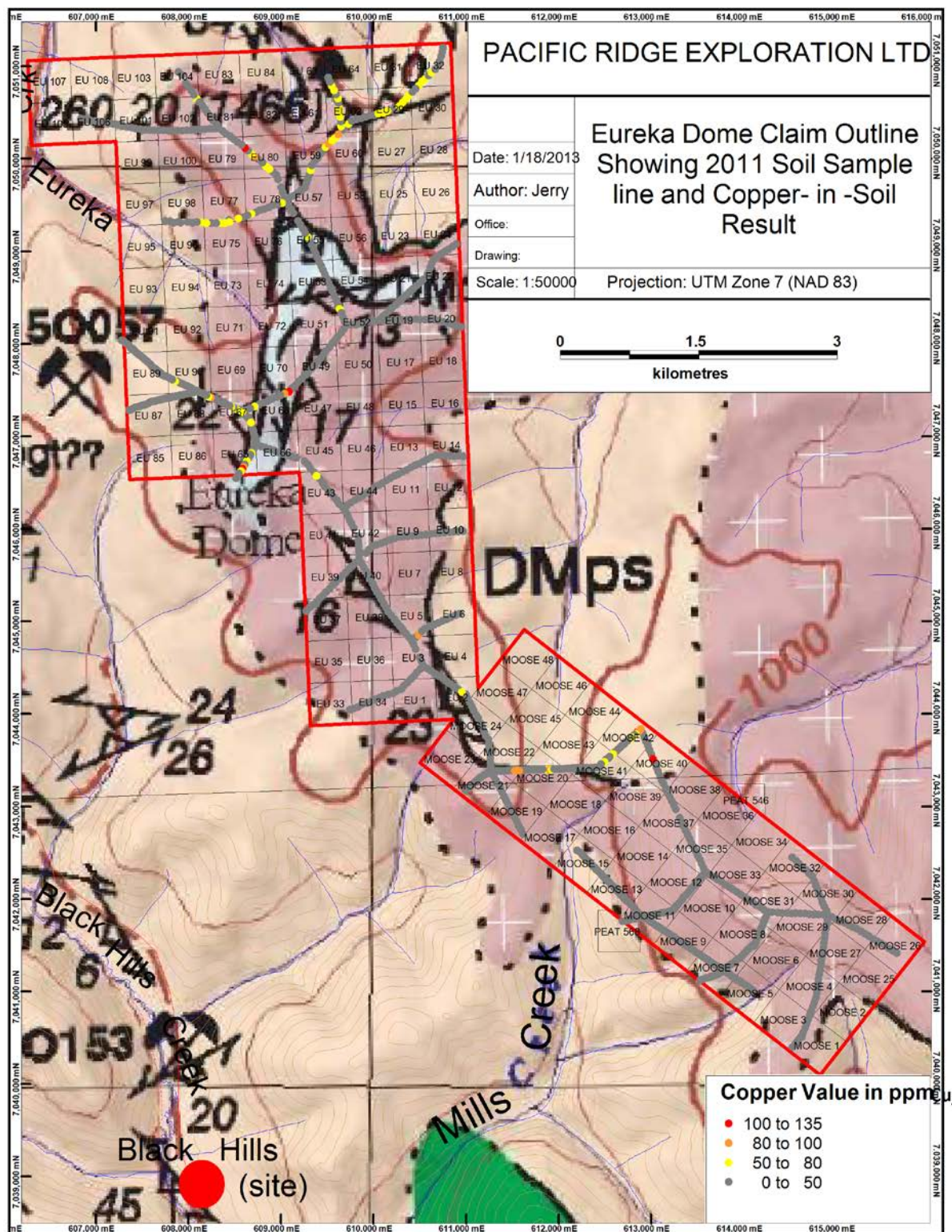


Figure 14. Anomalous copper on geology

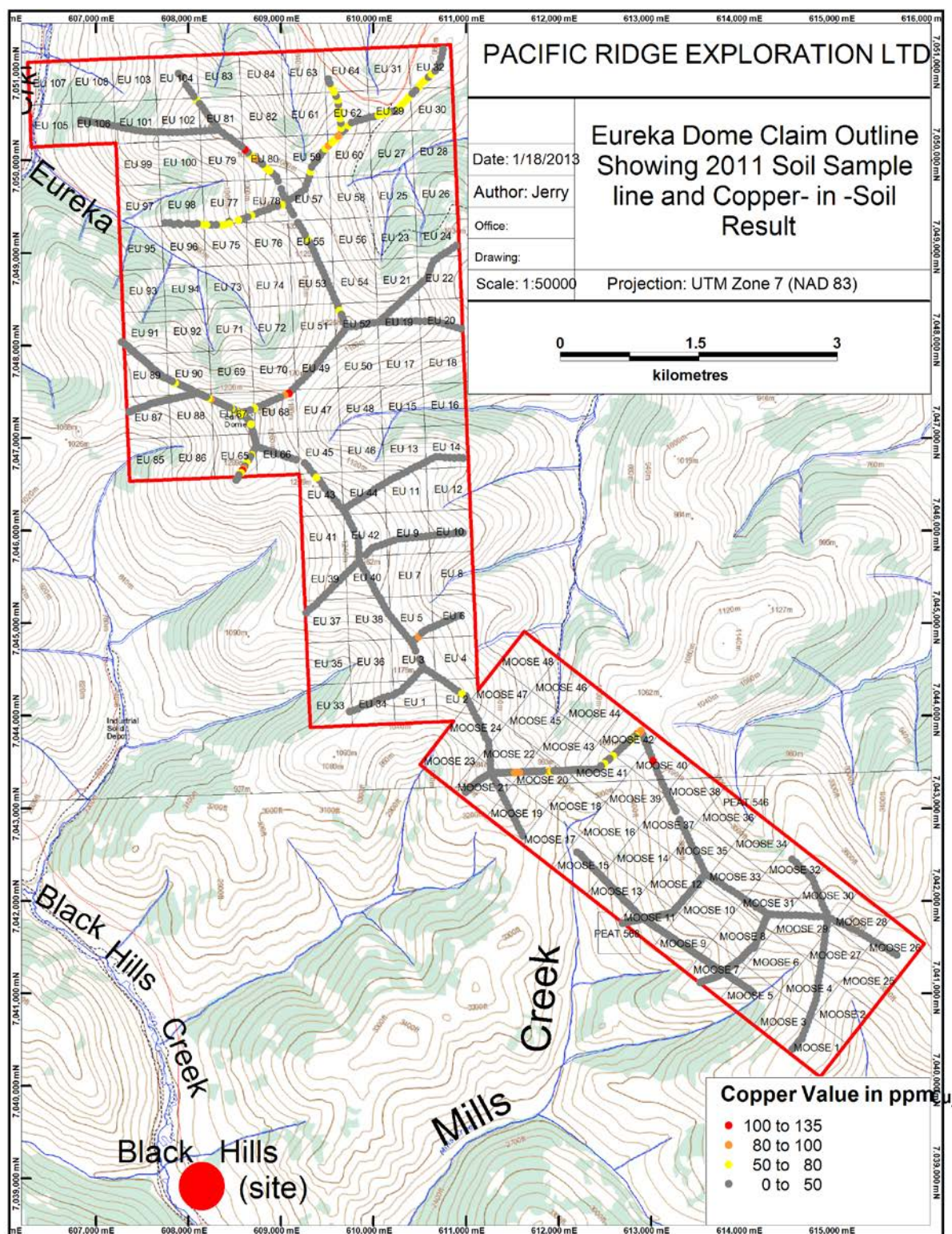


Figure 15. Anomalous copper on topo.

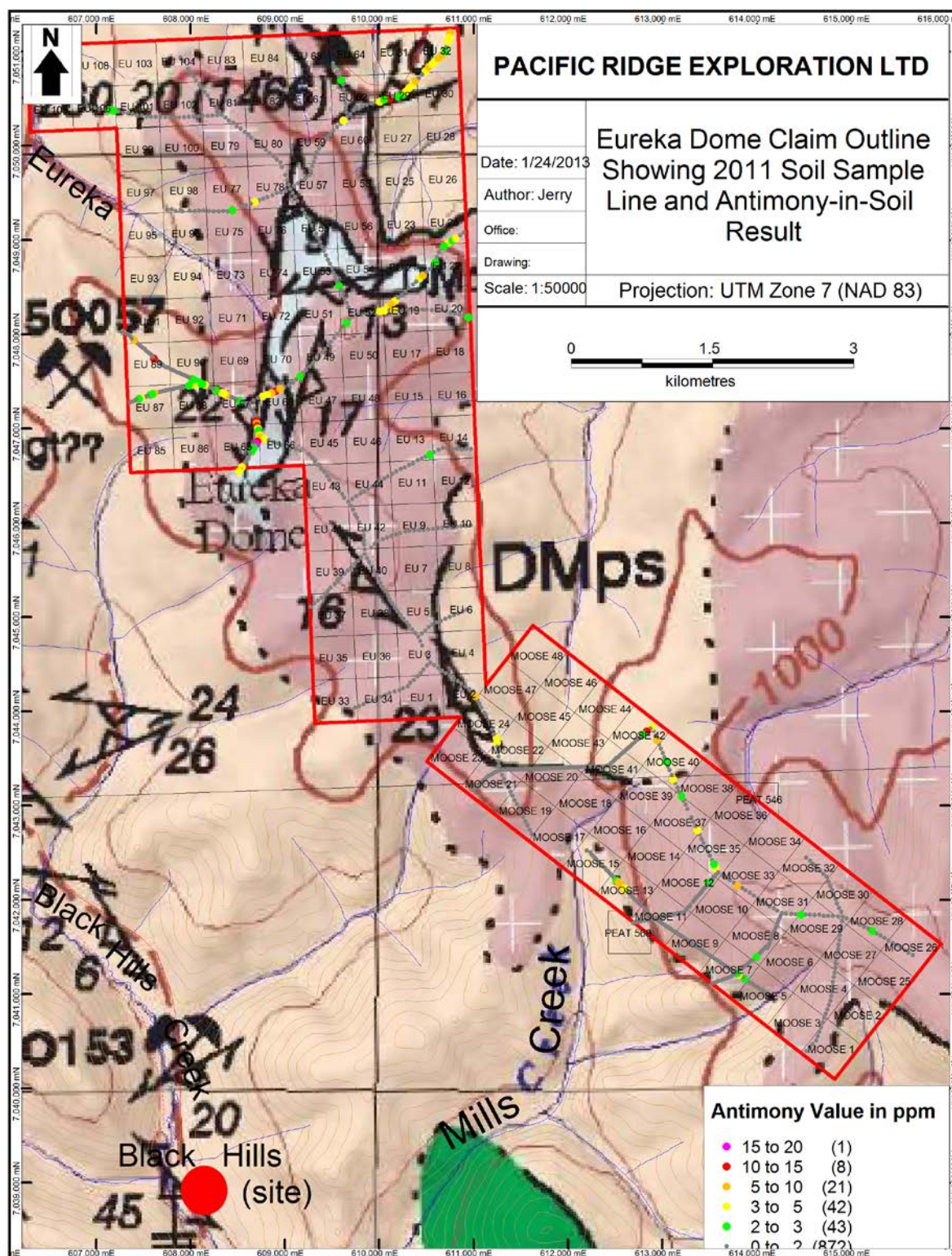


Figure 16. Anomalous antimony on geology.\

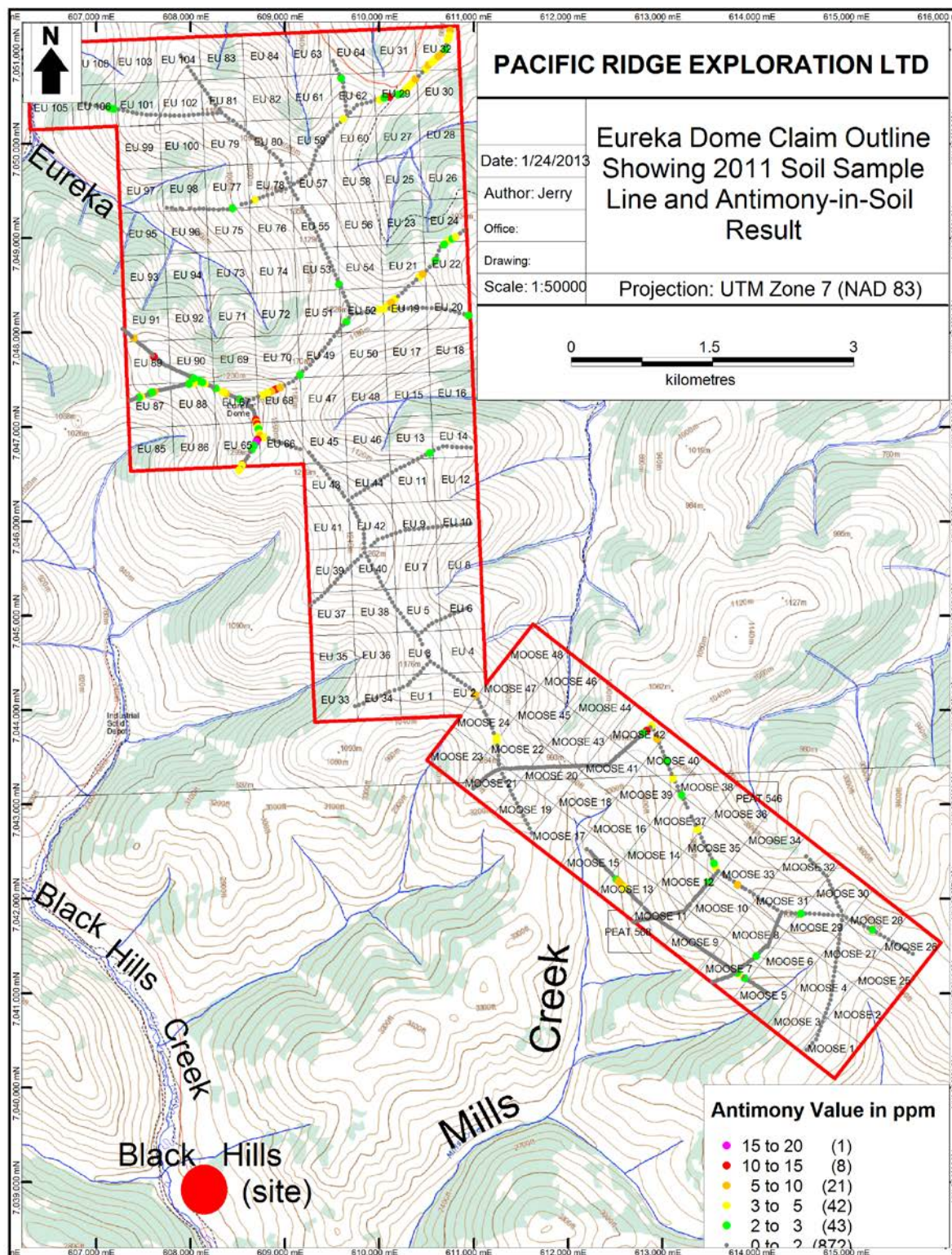


Figure 17. Anomalous antimony on topo.

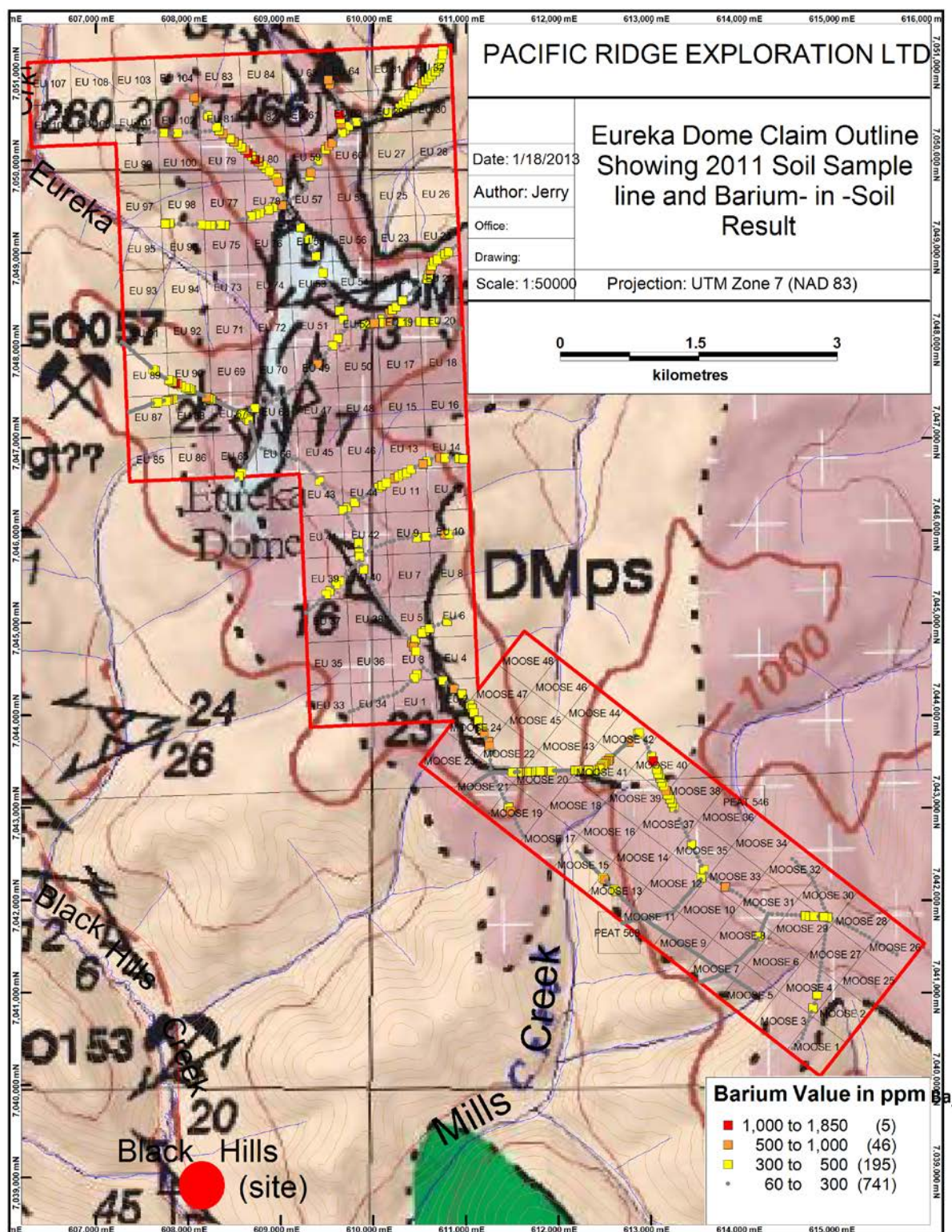


Figure 18. Anomalous barium on geology.

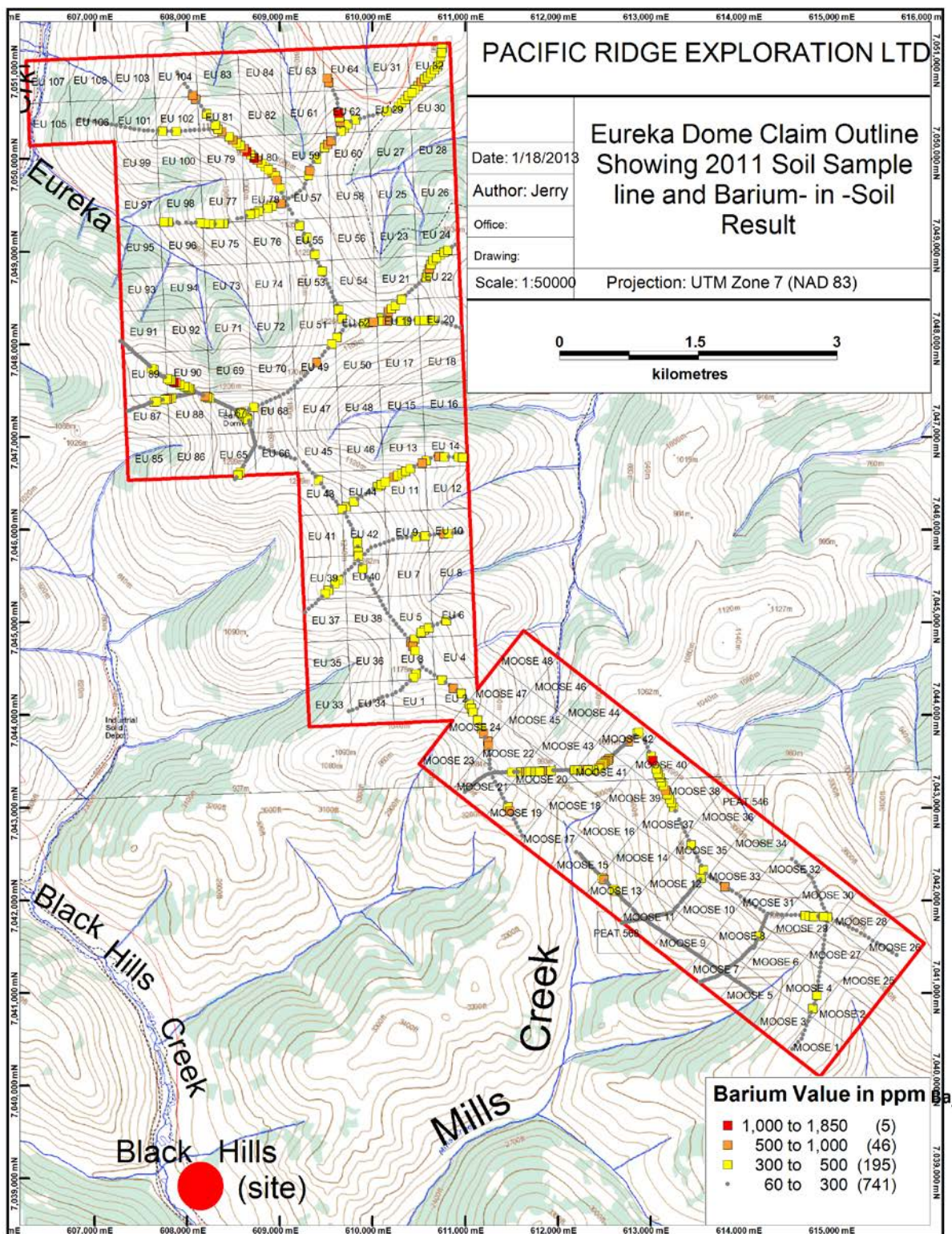


Figure 19. Anomalous barium on topo.

Figure 20. Anomalous silver on geology.

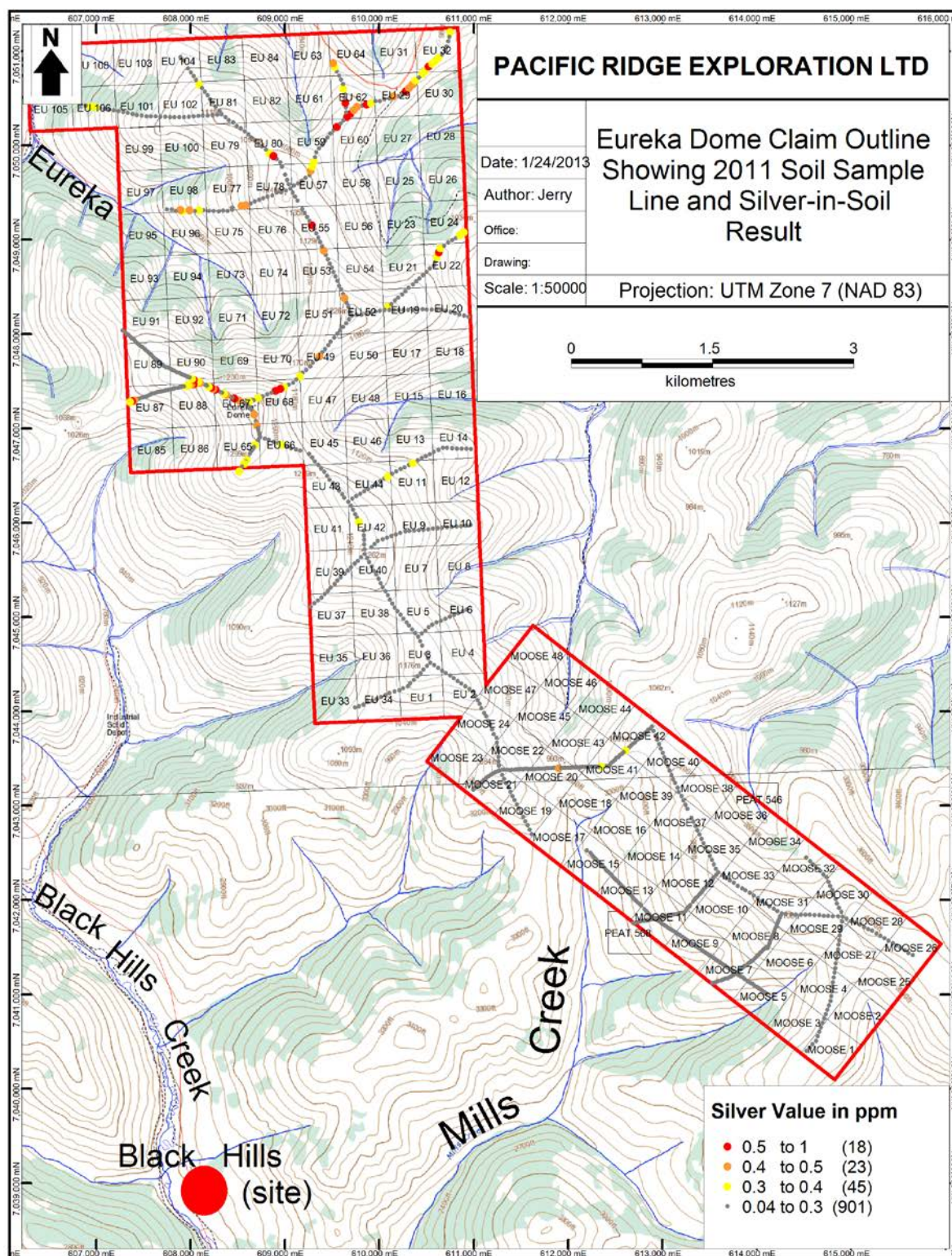


Figure 21. Anomalous silver on topo.

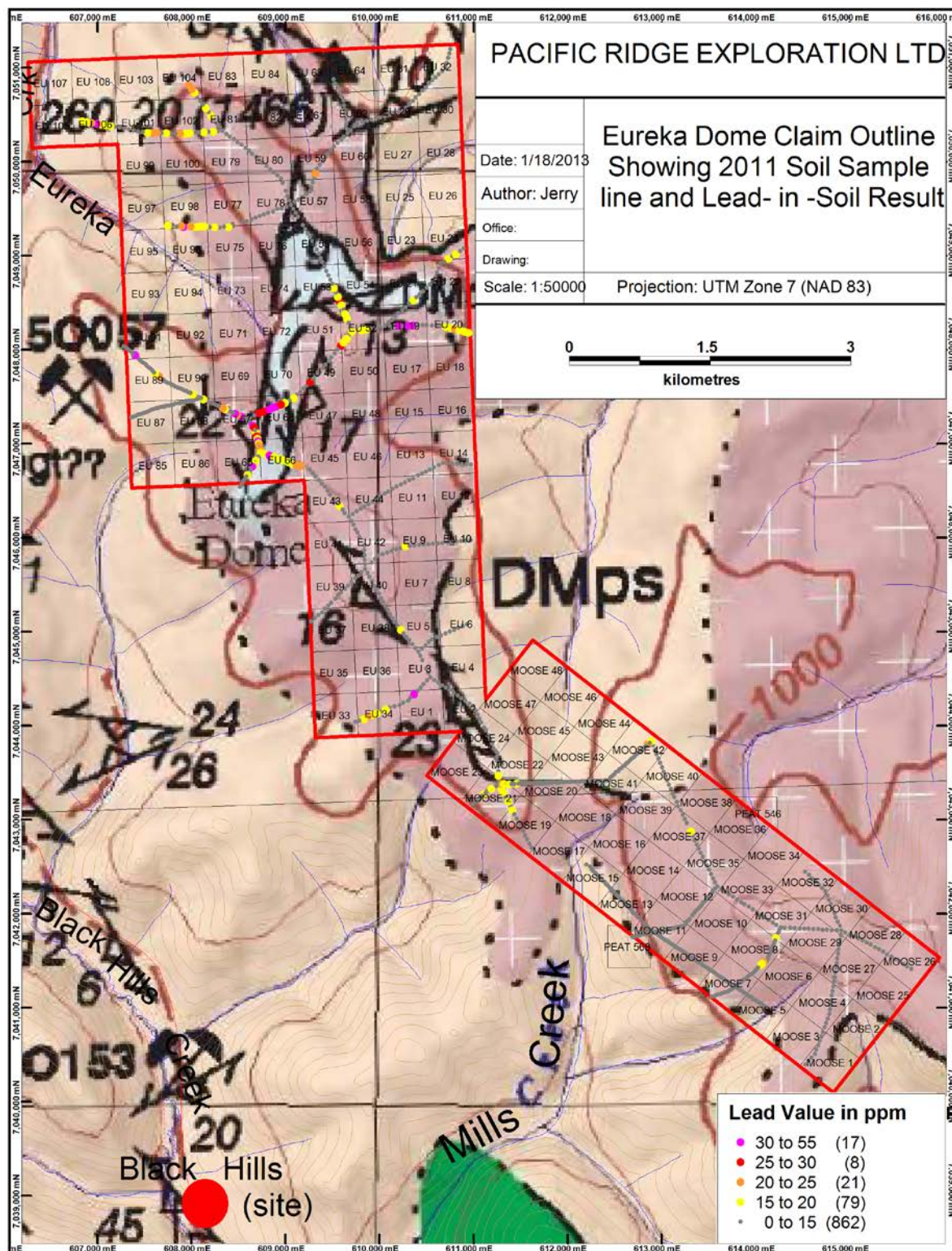


Figure 22. Anomalous lead on geology.

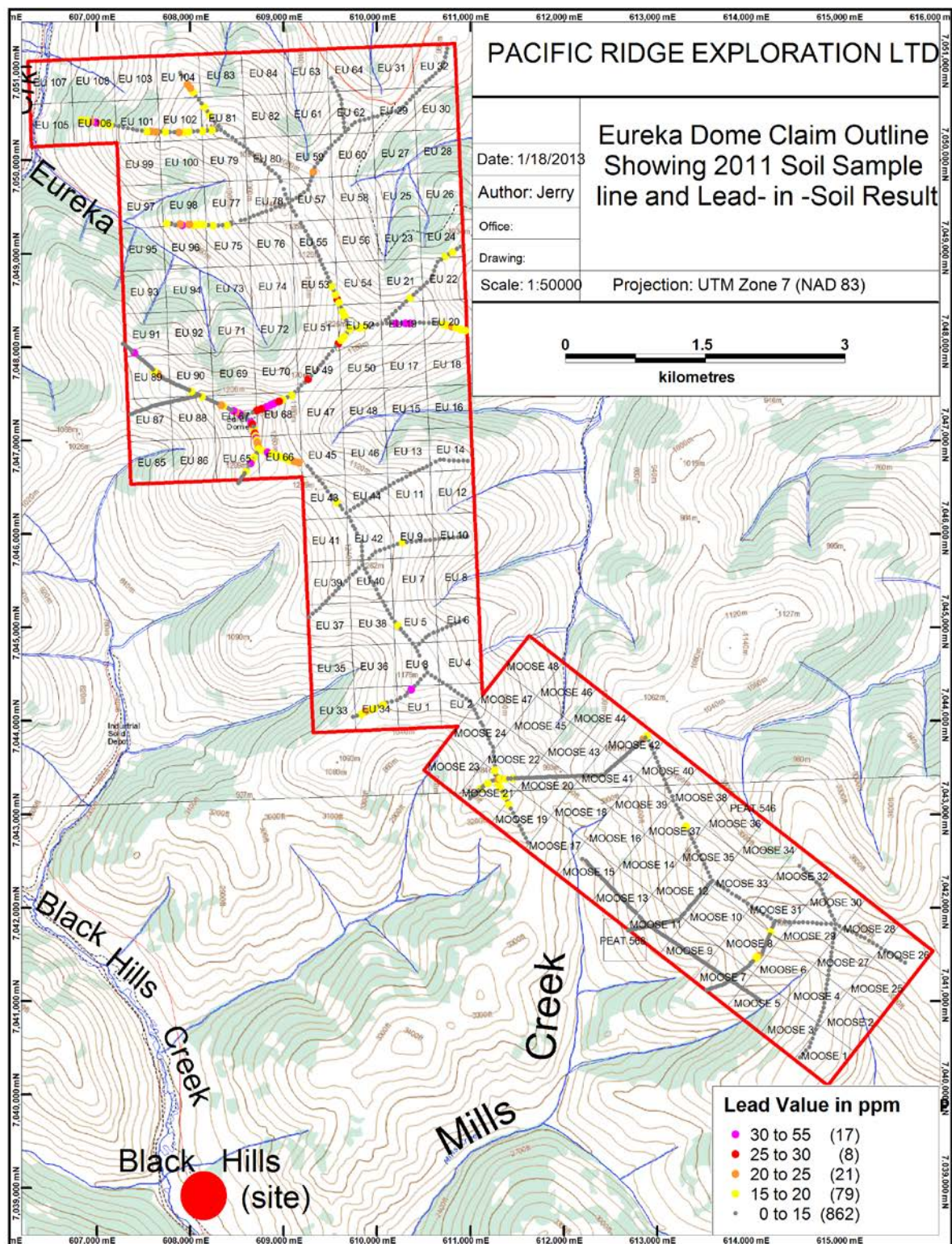


Figure 23. Anomalous lead on topo.

Figure 24. Anomalous zinc on geology.

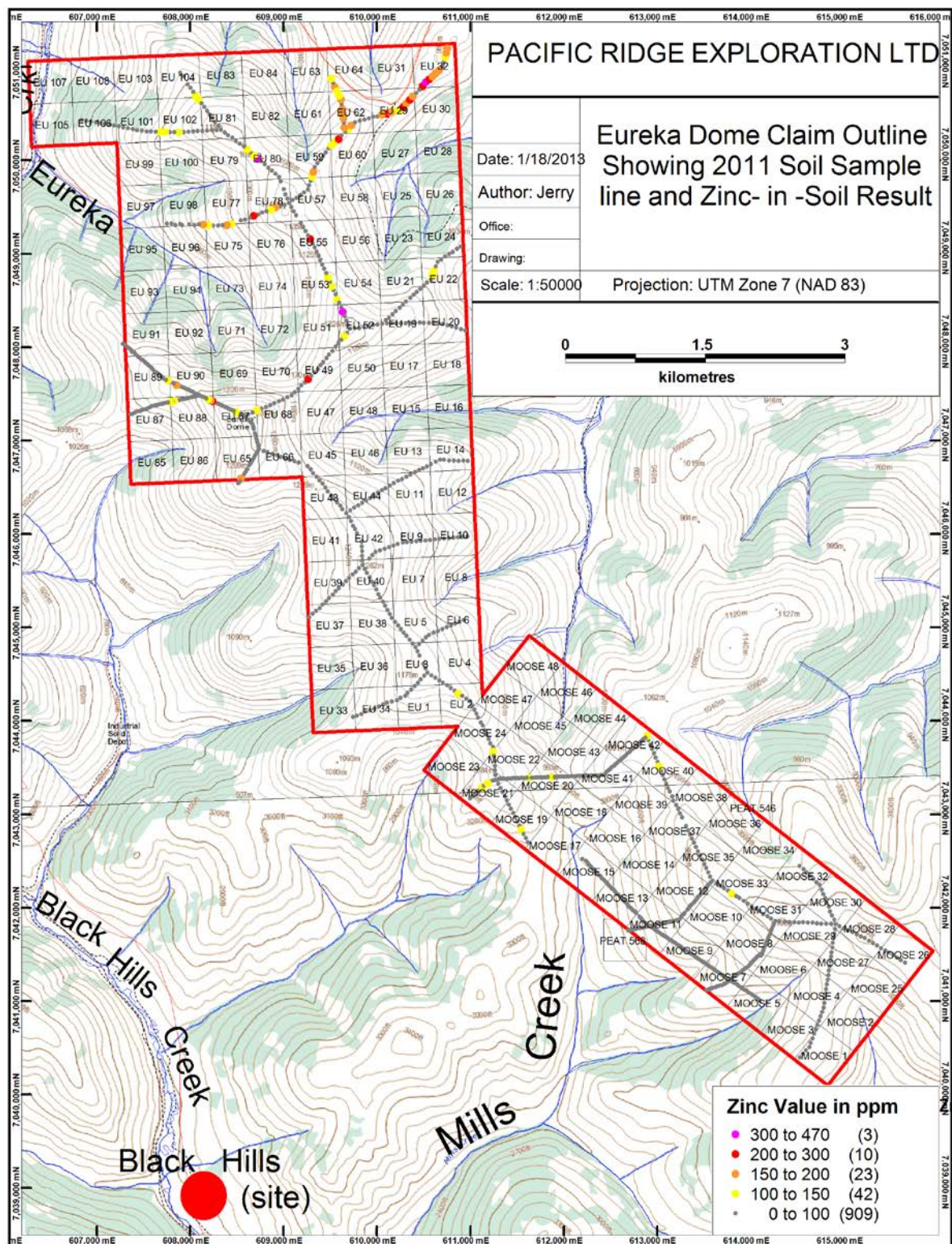


Figure 25. Anomalous zinc on topo.

APPENDIX III

SOIL SAMPLE LOCATION MAPS

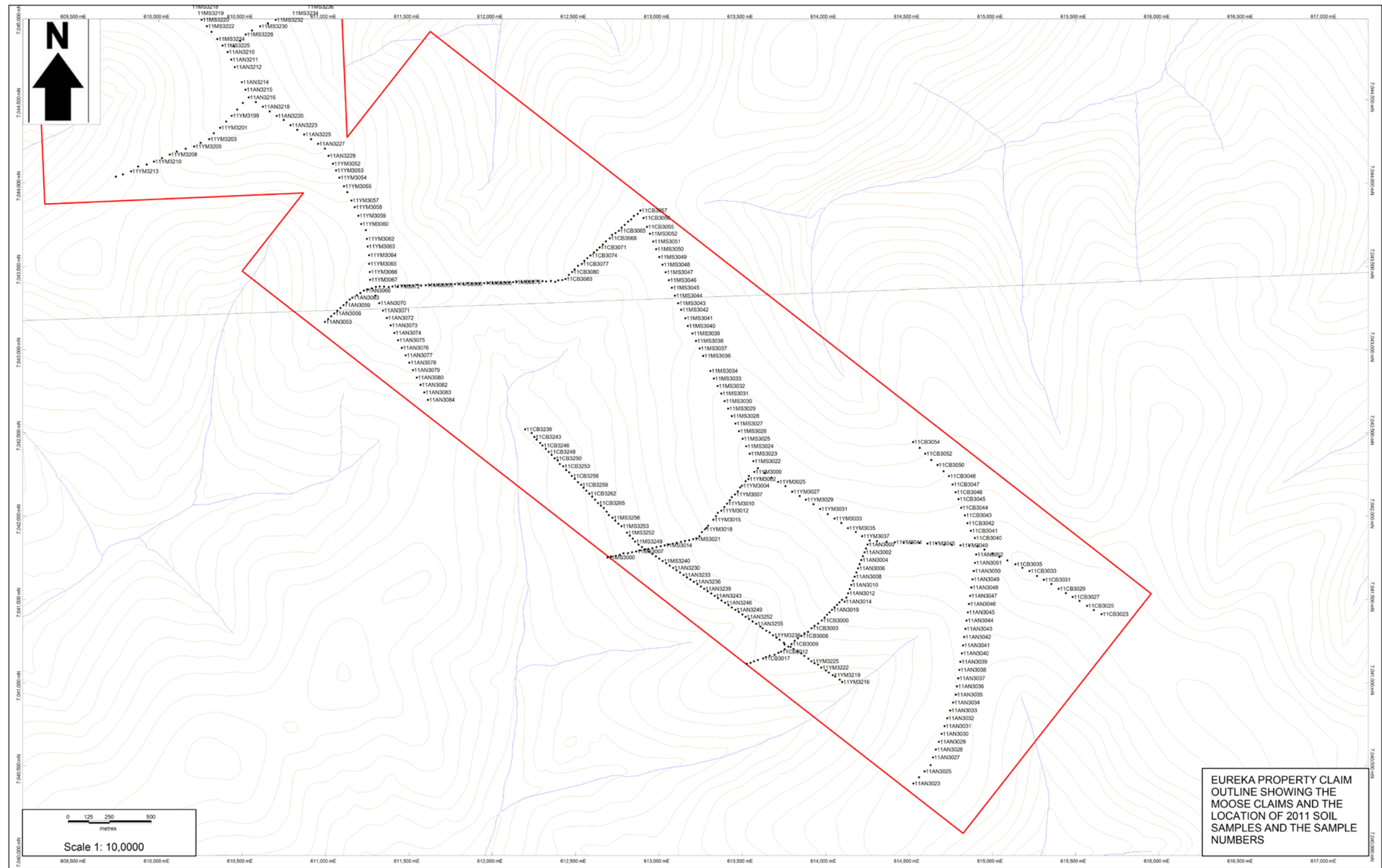


Figure 27. Sample locations - Moose claim block.

APPENDIX IV

ASSAY CERTIFICATES



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Pacific Ridge Exploration Ltd.

1100 - 1199 West Hastings Street
Vancouver BC V6E 3T5 Canada

Submitted By: Janice Fingler

Receiving Lab: Canada-Whitehorse

Received: September 17, 2011

Report Date: November 30, 2011

Page: 1 of 10

CERTIFICATE OF ANALYSIS

WHI11001439.1

CLIENT JOB INFORMATION

Project: Mariposa
Shipment ID: 11MPS36
P.O. Number
Number of Samples: 266

SAMPLE DISPOSAL

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

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

Invoice To: Pacific Ridge Exploration Ltd.
1100 - 1199 West Hastings Street
Vancouver BC V6E 3T5
Canada

CC: Janice Fingler
Katie Dodd
John Brock

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	266	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	266	Dry at 60C			WHI
RJSV	266	Saving all or part of Soil Reject			WHI
1DX2	266	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



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



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Pacific Ridge Exploration Ltd.**
1100 - 1199 West Hastings Street
Vancouver BC V6E 3T5 Canada

Project: Mariposa
Report Date: November 30, 2011

Page: 2 of 10 Part 1

CERTIFICATE OF ANALYSIS

WHI11001439.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
11CB3000	Soil	0.9	11.1	11.1	31	<0.1	7.8	3.2	139	1.73	5.9	1.0	<0.5	0.9	11	0.1	0.8	0.2	50	0.10	0.030
11CB3001	Soil	0.9	15.1	11.9	55	<0.1	16.9	9.3	361	2.87	9.6	1.2	5.5	9.3	10	0.1	0.9	0.2	58	0.09	0.030
11CB3002	Soil	0.9	20.0	11.0	47	<0.1	18.3	7.1	192	2.83	11.1	1.5	4.6	7.3	12	<0.1	0.8	0.2	57	0.12	0.026
11CB3003	Soil	1.0	22.0	10.5	60	<0.1	19.7	8.6	286	2.86	8.7	2.2	0.6	13.0	11	0.1	1.7	0.2	55	0.11	0.021
11CB3004	Soil	1.4	16.1	11.6	56	0.1	16.1	6.7	235	3.03	10.4	1.2	<0.5	7.8	12	0.1	0.7	0.2	65	0.10	0.033
11CB3005	Soil	1.1	23.9	11.9	59	<0.1	21.8	10.2	354	3.02	11.2	1.7	1.1	11.8	13	0.2	0.8	0.2	60	0.13	0.035
11CB3006	Soil	1.2	18.2	11.1	75	<0.1	22.7	11.3	543	3.01	12.0	0.9	2.5	8.9	14	0.2	0.8	0.2	57	0.13	0.045
11CB3007	Soil	0.9	11.2	9.8	29	<0.1	7.4	3.7	155	1.84	6.5	1.1	1.6	3.3	11	<0.1	0.5	0.2	46	0.09	0.030
11CB3008	Soil	1.2	31.2	11.2	50	<0.1	19.8	8.7	290	2.78	10.7	1.7	3.5	12.6	15	<0.1	0.9	0.2	55	0.11	0.030
11CB3009	Soil	1.0	23.8	11.3	49	<0.1	18.8	9.2	208	2.56	11.3	2.2	3.4	17.5	11	<0.1	1.2	0.2	47	0.09	0.015
11CB3010	Soil	1.3	19.2	11.2	61	<0.1	19.9	9.5	197	2.79	10.8	1.1	1.7	10.0	10	<0.1	1.0	0.2	54	0.07	0.020
11CB3011	Soil	1.1	24.7	11.2	53	<0.1	20.0	8.0	239	2.75	10.5	2.3	1.9	19.9	13	0.1	0.9	0.2	49	0.10	0.018
11CB3012	Soil	0.9	12.0	9.7	40	<0.1	11.7	5.6	153	2.48	9.5	1.5	1.3	10.0	10	0.1	0.9	0.2	49	0.08	0.019
11CB3013	Soil	1.2	27.1	11.4	61	<0.1	20.3	9.0	244	2.92	12.6	2.0	3.0	12.1	15	<0.1	1.1	0.2	55	0.11	0.015
11CB3014	Soil	1.1	40.6	9.9	54	0.1	21.8	8.8	301	2.66	9.6	4.4	3.2	14.5	16	<0.1	1.3	0.2	50	0.12	0.017
11CB3015	Soil	1.3	15.4	8.3	45	<0.1	10.9	5.2	200	2.15	8.1	1.5	<0.5	9.0	14	0.1	1.3	0.2	38	0.09	0.019
11CB3016	Soil	1.0	17.1	8.5	44	<0.1	14.2	6.4	202	2.06	7.6	1.6	1.8	9.0	13	<0.1	0.8	0.2	41	0.10	0.013
11CB3017	Soil	0.8	20.0	10.5	52	<0.1	18.3	9.2	275	2.65	10.6	1.4	1.7	10.5	15	<0.1	1.0	0.2	47	0.12	0.013
11CB3018	Soil	1.5	18.4	7.3	54	<0.1	13.8	8.1	371	2.48	5.0	1.8	<0.5	12.0	15	<0.1	1.4	0.2	42	0.16	0.036
11CB3019	Soil	1.0	20.7	9.1	51	<0.1	14.5	6.1	261	2.31	6.3	2.0	3.0	9.4	17	<0.1	1.1	0.2	44	0.17	0.038
11CB3020	Soil	1.0	13.4	8.5	57	<0.1	15.4	10.0	419	2.60	7.2	1.6	1.8	9.9	14	<0.1	1.0	0.2	43	0.13	0.030
11CB3021	Soil	1.0	12.9	8.9	49	<0.1	14.6	8.6	355	2.49	7.4	1.2	1.8	6.9	12	<0.1	0.8	0.3	47	0.12	0.030
11CB3022	Soil	1.3	13.5	10.4	42	<0.1	12.0	5.5	200	2.43	8.3	0.8	3.4	3.7	11	0.1	1.0	0.2	52	0.09	0.035
11CB3023	Soil	1.8	20.3	9.5	55	<0.1	17.1	7.1	279	2.42	7.4	1.8	4.3	11.0	14	0.2	0.6	0.2	42	0.16	0.051
11CB3024	Soil	1.2	18.8	9.7	56	<0.1	18.2	8.0	307	2.33	7.6	1.3	2.4	8.6	14	0.1	0.6	0.2	42	0.15	0.042
11CB3025	Soil	2.2	21.6	11.2	59	<0.1	27.9	11.8	370	2.94	9.1	3.4	1.6	9.2	15	0.2	0.9	0.2	58	0.17	0.039
11CB3026	Soil	2.6	18.9	10.7	52	<0.1	15.2	7.6	287	2.45	8.4	2.5	1.6	11.3	12	0.2	0.8	0.2	40	0.13	0.041
11CB3027	Soil	1.9	22.9	11.2	57	<0.1	20.4	9.7	354	2.48	8.0	1.8	2.5	12.8	11	0.2	0.6	0.2	43	0.13	0.035
11CB3028	Soil	1.6	19.3	8.7	51	<0.1	15.3	6.3	244	2.13	6.9	2.5	0.6	10.8	13	0.2	0.7	0.1	36	0.14	0.041
11CB3029	Soil	1.6	18.8	8.6	55	<0.1	15.9	8.1	283	2.30	6.7	1.9	0.9	10.2	13	0.1	0.8	0.2	41	0.14	0.041



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11CB3000	Soil	17	19	0.24	177	0.048	1	1.05	0.006	0.04	0.2	0.12	1.8	<0.1	<0.05	6	<0.5	<0.2
11CB3001	Soil	14	33	0.61	149	0.100	1	1.80	0.010	0.19	0.2	0.33	3.6	0.2	<0.05	7	<0.5	<0.2
11CB3002	Soil	17	31	0.51	218	0.068	1	1.80	0.008	0.06	0.2	0.11	3.9	0.1	<0.05	6	<0.5	<0.2
11CB3003	Soil	20	33	0.71	198	0.094	2	1.98	0.006	0.15	0.2	0.69	4.2	0.2	<0.05	7	<0.5	<0.2
11CB3004	Soil	14	31	0.54	201	0.076	2	1.87	0.007	0.06	0.2	0.07	3.5	0.1	<0.05	7	<0.5	<0.2
11CB3005	Soil	22	32	0.59	231	0.076	2	1.98	0.008	0.08	0.2	0.10	4.7	0.1	<0.05	6	<0.5	<0.2
11CB3006	Soil	12	34	0.61	245	0.071	2	2.13	0.008	0.08	0.2	0.04	3.7	0.1	<0.05	6	0.5	<0.2
11CB3007	Soil	17	17	0.34	154	0.063	1	1.14	0.006	0.07	0.1	0.04	2.2	0.1	<0.05	6	<0.5	<0.2
11CB3008	Soil	25	31	0.51	266	0.070	1	1.89	0.009	0.06	0.2	0.10	4.4	0.1	<0.05	6	<0.5	<0.2
11CB3009	Soil	34	29	0.60	184	0.076	1	1.93	0.007	0.09	0.1	0.14	4.7	0.2	<0.05	6	<0.5	<0.2
11CB3010	Soil	11	29	0.62	157	0.068	2	2.08	0.006	0.07	0.2	0.04	3.8	0.2	<0.05	7	<0.5	<0.2
11CB3011	Soil	35	27	0.54	204	0.070	2	1.84	0.008	0.07	0.1	0.16	4.0	0.1	<0.05	5	<0.5	<0.2
11CB3012	Soil	18	23	0.48	147	0.073	2	1.69	0.008	0.06	0.1	0.04	3.6	0.1	<0.05	7	<0.5	<0.2
11CB3013	Soil	36	31	0.61	242	0.072	2	1.89	0.007	0.06	0.2	0.14	4.6	0.1	<0.05	6	<0.5	<0.2
11CB3014	Soil	33	29	0.57	261	0.082	1	1.93	0.010	0.08	0.2	0.25	6.5	0.1	<0.05	6	0.6	<0.2
11CB3015	Soil	19	17	0.54	165	0.078	1	1.36	0.007	0.09	0.1	0.11	3.5	0.1	<0.05	6	<0.5	<0.2
11CB3016	Soil	24	22	0.49	172	0.075	<1	1.46	0.007	0.05	0.1	0.09	3.5	<0.1	<0.05	5	<0.5	<0.2
11CB3017	Soil	20	31	0.62	206	0.091	1	1.82	0.010	0.09	0.2	0.10	4.3	0.2	<0.05	6	<0.5	<0.2
11CB3018	Soil	35	20	0.69	224	0.115	1	1.48	0.008	0.30	0.2	0.06	5.2	0.2	<0.05	6	0.5	<0.2
11CB3019	Soil	27	22	0.54	264	0.090	1	1.48	0.008	0.17	0.1	0.08	4.0	0.1	<0.05	6	<0.5	<0.2
11CB3020	Soil	25	26	0.64	188	0.094	<1	1.67	0.007	0.24	0.2	0.10	4.3	0.2	<0.05	7	<0.5	<0.2
11CB3021	Soil	22	26	0.55	160	0.084	<1	1.48	0.006	0.15	0.2	0.08	3.3	0.1	<0.05	6	<0.5	<0.2
11CB3022	Soil	14	22	0.38	134	0.075	1	1.49	0.006	0.07	0.1	0.04	2.5	0.1	<0.05	7	<0.5	<0.2
11CB3023	Soil	14	22	0.44	118	0.073	1	1.29	0.008	0.12	0.2	0.02	2.9	0.1	<0.05	5	<0.5	<0.2
11CB3024	Soil	22	23	0.46	166	0.071	<1	1.49	0.007	0.10	0.1	0.03	2.9	0.2	<0.05	5	0.6	<0.2
11CB3025	Soil	34	72	0.78	190	0.092	2	1.95	0.008	0.17	0.2	0.06	5.0	0.3	<0.05	6	<0.5	<0.2
11CB3026	Soil	25	21	0.39	121	0.066	1	1.42	0.007	0.10	0.2	0.03	3.0	0.2	<0.05	5	<0.5	<0.2
11CB3027	Soil	24	26	0.48	134	0.084	2	1.59	0.007	0.12	0.2	0.04	3.0	0.2	<0.05	4	0.6	<0.2
11CB3028	Soil	32	20	0.41	141	0.066	<1	1.20	0.007	0.11	0.2	0.04	3.0	0.2	<0.05	4	<0.5	<0.2
11CB3029	Soil	27	22	0.46	128	0.079	1	1.31	0.007	0.14	0.2	0.14	3.2	0.2	<0.05	5	<0.5	<0.2



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
11CB3030	Soil	1.6	16.9	11.4	54	<0.1	16.3	7.3	267	2.38	6.7	1.7	2.7	10.8	13	0.2	0.8	0.2	42	0.14
11CB3031	Soil	1.2	20.6	9.8	56	<0.1	18.6	8.0	297	2.45	7.8	1.5	2.3	7.1	14	0.3	1.0	0.2	46	0.13
11CB3032	Soil	1.3	12.7	7.9	49	<0.1	12.6	6.2	290	1.98	6.2	1.1	1.4	3.8	13	0.2	1.0	0.2	43	0.13
11CB3033	Soil	1.3	15.2	10.3	54	<0.1	14.5	7.2	350	2.30	6.0	2.5	1.5	7.5	16	0.1	2.0	0.2	39	0.11
11CB3034	Soil	0.8	13.4	7.4	43	<0.1	13.9	6.0	172	1.92	5.3	0.9	<0.5	6.6	13	<0.1	0.8	0.1	37	0.14
11CB3035	Soil	1.0	17.4	9.1	49	<0.1	15.9	6.7	237	2.03	6.0	1.4	2.8	8.2	12	0.2	0.8	0.2	41	0.12
11CB3036	Soil	1.2	16.7	7.6	30	0.1	10.0	3.5	117	1.57	4.5	0.6	2.0	0.1	12	0.2	0.6	0.2	34	0.08
11CB3037	Soil	1.1	15.3	8.4	55	<0.1	17.0	10.1	356	2.13	8.5	1.2	2.4	4.8	10	0.2	0.9	0.2	36	0.13
11CB3038	Soil	1.1	14.6	10.8	55	<0.1	19.0	8.7	285	2.73	9.9	0.8	2.5	6.6	9	0.2	0.8	0.2	46	0.11
11CB3040	Soil	1.0	15.7	11.2	60	<0.1	19.3	9.8	348	2.80	9.5	1.0	2.7	9.2	14	0.2	0.8	0.2	51	0.18
11CB3041	Soil	1.0	16.8	10.0	56	<0.1	18.2	9.0	320	2.62	8.2	1.0	2.3	8.9	14	<0.1	0.8	0.2	48	0.20
11CB3042	Soil	0.9	16.9	10.0	59	<0.1	18.5	8.9	331	2.66	8.8	0.9	<0.5	8.9	14	0.1	0.8	0.2	47	0.18
11CB3043	Soil	1.2	15.9	10.4	55	<0.1	18.3	8.5	323	2.68	8.3	0.9	2.1	8.2	14	0.1	0.7	0.2	48	0.19
11CB3044	Soil	1.0	16.1	10.0	59	<0.1	18.0	8.9	329	2.73	8.6	0.9	2.4	8.7	14	0.2	0.8	0.2	50	0.18
11CB3045	Soil	0.5	9.7	10.0	42	<0.1	9.0	4.2	150	1.94	5.5	2.2	1.1	5.7	9	<0.1	0.7	0.1	34	0.12
11CB3046	Soil	0.5	11.4	8.1	43	<0.1	10.8	4.6	157	1.84	5.3	1.6	4.5	4.3	11	0.1	0.5	0.2	33	0.14
11CB3047	Soil	0.6	10.6	9.1	39	<0.1	10.1	4.3	133	1.65	5.8	1.4	1.5	1.1	11	<0.1	0.4	0.2	31	0.12
11CB3048	Soil	0.7	14.2	7.4	42	<0.1	11.3	6.3	267	1.93	6.1	2.6	4.1	9.2	9	<0.1	0.6	0.1	35	0.10
11CB3049	Soil	0.6	17.9	9.5	62	<0.1	13.8	9.2	367	2.74	5.2	2.6	3.1	8.3	11	0.1	0.5	0.2	58	0.18
11CB3050	Soil	0.8	15.2	9.3	61	<0.1	13.3	7.3	312	2.71	7.3	2.4	<0.5	7.8	12	<0.1	0.6	0.2	54	0.14
11CB3051	Soil	0.5	8.5	6.2	43	<0.1	11.4	4.6	246	1.90	6.1	2.0	1.2	9.3	10	0.1	0.8	0.1	48	0.16
11CB3052	Soil	0.6	10.7	9.5	44	<0.1	11.1	4.9	213	2.27	7.3	1.4	1.2	6.8	8	0.2	0.6	0.2	46	0.10
11CB3053	Soil	0.5	8.0	7.8	54	<0.1	11.6	6.5	317	2.31	5.1	1.6	1.9	12.9	9	<0.1	0.6	0.1	45	0.11
11CB3054	Soil	0.3	6.4	7.4	42	<0.1	7.9	3.6	226	1.69	2.8	2.1	<0.5	8.2	6	<0.1	0.2	0.1	37	0.09
11CB3055	Soil	0.8	15.1	9.4	42	<0.1	13.8	6.9	207	2.59	10.3	0.8	2.7	3.3	9	0.1	1.0	0.2	46	0.08
11CB3056	Soil	1.1	13.1	9.1	48	<0.1	14.6	9.8	366	2.60	8.4	0.6	<0.5	6.4	10	0.2	0.7	0.2	47	0.08
11CB3057	Soil	1.7	82.9	19.0	146	<0.1	20.7	13.1	623	4.14	6.6	0.6	4.8	3.5	8	0.3	4.9	0.4	78	0.09
11CB3058	Soil	0.7	80.8	6.7	69	<0.1	17.2	12.3	518	3.12	2.4	0.5	1.2	1.8	10	0.1	1.0	0.3	77	0.20
11CB3059	Soil	0.4	134.9	24.0	61	<0.1	20.6	17.4	417	3.24	4.5	0.4	3.8	1.8	11	<0.1	0.9	0.4	89	0.20
11CB3060	Soil	0.7	71.8	4.4	53	<0.1	13.7	15.3	528	3.19	3.3	0.7	<0.5	2.7	15	<0.1	14.3	0.4	74	0.17



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
11CB3030	Soil	26	22	0.39	136	0.068	1	1.37	0.007	0.09	0.1	0.25	2.7	0.2	<0.05	5	<0.5
11CB3031	Soil	21	25	0.40	212	0.064	2	1.46	0.010	0.06	0.2	0.34	3.2	0.2	<0.05	5	<0.5
11CB3032	Soil	16	22	0.34	114	0.069	1	1.05	0.007	0.07	0.2	0.20	2.2	0.2	<0.05	5	<0.5
11CB3033	Soil	29	25	0.36	277	0.049	2	1.18	0.006	0.09	0.1	0.68	3.1	0.2	<0.05	4	<0.5
11CB3034	Soil	20	21	0.33	109	0.055	<1	1.18	0.007	0.05	0.2	0.41	2.3	0.2	<0.05	4	<0.5
11CB3035	Soil	21	24	0.38	120	0.065	1	1.35	0.006	0.05	0.1	0.27	2.7	0.2	<0.05	4	<0.5
11CB3036	Soil	6	18	0.17	87	0.018	2	1.00	0.010	0.03	<0.1	0.06	0.5	0.1	0.16	4	1.1
11CB3037	Soil	12	21	0.36	92	0.043	2	1.34	0.005	0.05	0.2	0.33	2.1	0.2	<0.05	4	0.6
11CB3038	Soil	12	25	0.43	115	0.041	1	1.89	0.006	0.05	0.2	0.08	2.3	0.1	<0.05	5	<0.5
11CB3040	Soil	24	29	0.65	187	0.063	1	1.83	0.007	0.13	0.2	0.09	3.7	0.2	<0.05	6	0.6
11CB3041	Soil	23	28	0.63	176	0.070	2	1.67	0.007	0.12	0.2	0.08	3.7	0.1	<0.05	6	<0.5
11CB3042	Soil	22	28	0.64	175	0.066	1	1.67	0.007	0.13	0.2	0.10	3.5	0.2	<0.05	6	0.6
11CB3043	Soil	22	29	0.60	173	0.067	2	1.63	0.007	0.12	0.2	0.10	3.5	0.1	<0.05	6	<0.5
11CB3044	Soil	23	28	0.65	171	0.068	1	1.74	0.006	0.13	0.2	0.09	3.8	0.2	<0.05	6	0.6
11CB3045	Soil	25	20	0.48	132	0.054	<1	1.32	0.005	0.14	0.1	0.17	2.7	0.2	<0.05	6	<0.5
11CB3046	Soil	21	18	0.44	146	0.049	1	1.22	0.006	0.11	0.2	0.11	2.3	0.1	0.05	5	0.6
11CB3047	Soil	15	18	0.36	136	0.030	<1	1.17	0.006	0.05	0.2	0.11	1.4	0.1	<0.05	5	0.5
11CB3048	Soil	39	18	0.40	118	0.052	<1	1.28	0.005	0.10	0.2	0.31	2.9	0.1	<0.05	4	0.6
11CB3049	Soil	39	26	0.73	179	0.109	<1	1.72	0.007	0.35	0.2	0.13	3.9	0.3	<0.05	7	<0.5
11CB3050	Soil	32	24	0.62	170	0.089	<1	1.65	0.007	0.17	0.2	0.13	3.6	0.2	<0.05	7	<0.5
11CB3051	Soil	37	26	0.77	162	0.073	<1	1.38	0.006	0.25	0.1	0.10	4.7	0.2	<0.05	6	0.7
11CB3052	Soil	19	24	0.51	99	0.072	<1	1.43	0.005	0.13	0.2	0.07	3.0	0.2	<0.05	6	0.6
11CB3053	Soil	31	28	0.71	187	0.101	<1	1.39	0.006	0.39	0.3	0.05	4.1	0.3	<0.05	6	<0.5
11CB3054	Soil	32	20	0.73	177	0.094	<1	1.32	0.005	0.42	0.1	0.02	3.7	0.2	<0.05	7	<0.5
11CB3055	Soil	17	27	0.47	141	0.051	1	1.54	0.006	0.05	0.1	0.05	2.7	<0.1	<0.05	5	0.7
11CB3056	Soil	13	25	0.49	205	0.063	1	1.71	0.006	0.08	0.1	0.04	3.3	<0.1	<0.05	6	<0.5
11CB3057	Soil	8	36	0.61	218	0.074	1	1.39	0.006	0.18	0.2	0.01	5.9	0.1	<0.05	6	0.7
11CB3058	Soil	9	24	1.11	433	0.077	<1	1.93	0.013	0.37	0.2	0.02	6.5	0.2	<0.05	7	<0.5
11CB3059	Soil	7	41	1.35	426	0.095	<1	2.08	0.015	0.31	<0.1	0.01	5.6	0.1	<0.05	7	<0.5
11CB3060	Soil	12	22	1.18	193	0.058	<1	2.30	0.006	0.07	<0.1	0.09	7.7	<0.1	<0.05	7	0.6



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
11CB3061	Soil	0.7	57.1	5.3	48	<0.1	15.2	13.7	479	3.12	4.0	0.6	<0.5	2.7	13	<0.1	10.7	0.3	69	0.13	0.023
11CB3062	Soil	1.0	23.0	8.5	46	<0.1	36.8	12.0	302	2.90	8.6	0.6	0.8	4.4	12	<0.1	0.6	0.2	58	0.13	0.026
11CB3063	Soil	1.0	56.6	7.4	50	0.1	19.1	12.6	309	3.51	8.8	0.5	<0.5	2.5	9	0.1	2.0	0.1	81	0.13	0.044
11CB3064	Soil	0.9	46.1	7.4	49	0.2	40.7	13.6	452	3.10	6.6	0.8	0.8	6.5	13	<0.1	1.9	0.1	71	0.16	0.023
11CB3065	Soil	0.9	59.4	9.9	64	<0.1	15.4	11.0	440	3.54	4.0	0.6	2.0	3.0	14	<0.1	0.4	0.5	80	0.20	0.034
11CB3066	Soil	0.7	20.1	8.8	67	<0.1	21.8	10.4	355	3.21	6.7	0.5	1.0	2.7	9	0.1	0.5	0.1	81	0.10	0.023
11CB3067	Soil	0.7	27.7	9.4	52	<0.1	18.8	10.5	315	2.82	9.4	0.8	2.8	4.2	13	<0.1	0.6	0.1	55	0.12	0.025
11CB3068	Soil	0.7	39.3	9.3	51	<0.1	19.2	11.5	311	2.75	6.8	0.4	3.4	2.4	14	<0.1	0.5	0.1	65	0.15	0.020
11CB3069	Soil	0.4	35.0	5.3	81	<0.1	16.7	11.6	411	3.33	4.0	0.3	<0.5	1.7	10	<0.1	0.4	<0.1	64	0.17	0.031
11CB3070	Soil	0.5	29.0	5.4	65	<0.1	17.8	11.2	506	3.51	4.8	0.2	<0.5	1.2	7	<0.1	0.8	<0.1	76	0.14	0.049
11CB3071	Soil	0.9	21.0	8.8	53	<0.1	17.1	9.3	286	2.88	9.9	0.4	0.9	2.8	11	<0.1	0.7	0.1	54	0.10	0.025
11CB3072	Soil	0.7	37.0	6.9	67	<0.1	18.5	12.1	410	3.12	6.7	0.4	0.6	2.5	16	<0.1	0.9	<0.1	72	0.14	0.027
11CB3073	Soil	0.9	27.9	9.0	63	0.3	18.2	11.0	346	3.24	7.2	0.4	0.9	2.3	13	0.1	0.7	0.2	78	0.12	0.030
11CB3074	Soil	0.6	71.5	6.7	52	<0.1	21.3	11.8	289	3.07	5.1	0.3	3.3	1.4	41	<0.1	0.4	0.1	83	0.21	0.024
11CB3075	Soil	0.9	64.9	7.3	51	<0.1	22.2	10.1	231	2.69	7.2	0.3	1.4	2.0	16	<0.1	0.5	0.2	74	0.14	0.027
11CB3076	Soil	0.5	44.2	6.1	63	<0.1	17.3	11.6	385	3.08	5.7	0.4	<0.5	1.7	11	<0.1	0.3	0.1	67	0.14	0.037
11CB3077	Soil	0.8	37.3	6.3	90	<0.1	59.6	17.6	558	3.76	3.4	0.9	<0.5	3.2	57	<0.1	0.3	<0.1	118	0.16	0.038
11CB3078	Soil	0.8	29.1	7.8	75	<0.1	40.7	15.0	309	3.32	8.8	0.6	0.6	2.9	24	<0.1	0.6	0.1	92	0.14	0.026
11CB3079	Soil	0.9	50.8	13.0	65	0.2	42.8	15.5	375	3.18	8.4	0.7	1.0	4.1	47	<0.1	1.0	0.1	83	0.16	0.026
11CB3080	Soil	0.6	56.7	11.7	57	0.2	46.1	13.7	336	3.02	5.1	0.5	2.1	2.3	28	<0.1	0.6	0.1	88	0.17	0.014
11CB3081	Soil	0.7	51.3	12.0	60	0.3	43.1	13.9	356	3.19	5.8	0.5	1.6	2.4	25	<0.1	0.6	0.1	89	0.17	0.017
11CB3082	Soil	0.6	45.6	13.9	80	0.2	42.4	14.8	375	3.41	5.0	0.7	<0.5	3.8	72	0.1	0.4	0.2	109	0.17	0.036
11CB3083	Soil	0.8	33.5	10.9	59	0.1	29.2	11.7	329	3.11	8.9	0.9	2.4	4.7	30	<0.1	0.7	0.2	74	0.17	0.024
11CB3084	Soil	0.6	27.7	9.2	50	<0.1	21.3	8.9	291	2.49	7.6	0.9	2.1	4.7	22	<0.1	0.5	0.1	55	0.18	0.014
11CB3085	Soil	1.0	31.1	9.6	55	0.1	23.3	8.9	234	3.03	9.3	0.5	1.2	3.1	20	<0.1	0.5	0.2	75	0.14	0.022
11CB3086	Soil	0.5	34.9	6.9	60	<0.1	25.2	10.2	280	2.61	4.6	0.7	2.6	4.1	29	<0.1	0.3	<0.1	58	0.27	0.034
11CB3087	Soil	0.8	36.4	9.8	51	0.3	29.9	11.1	231	2.65	7.4	0.9	2.1	5.5	15	<0.1	0.4	0.1	69	0.13	0.022
11CB3088	Soil	2.6	41.2	13.7	117	0.7	30.0	11.6	398	3.45	12.8	1.1	2.2	5.0	13	0.3	0.8	0.3	94	0.12	0.030
11CB3089	Soil	2.4	67.5	11.9	168	0.4	53.2	11.0	291	3.11	19.1	1.3	2.2	6.2	11	0.5	1.2	0.2	115	0.10	0.019
11CB3090	Soil	2.1	26.8	13.5	83	0.4	17.4	6.4	253	2.85	11.6	0.8	1.6	3.4	13	0.4	0.6	0.3	89	0.07	0.040



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11CB3061	Soil	11	24	0.97	182	0.056	<1	2.11	0.006	0.06	<0.1	0.12	6.4	<0.1	<0.05	7	<0.5	<0.2
11CB3062	Soil	10	104	0.81	234	0.065	6	2.28	0.007	0.05	<0.1	0.03	4.0	0.1	<0.05	6	0.8	<0.2
11CB3063	Soil	7	22	0.74	189	0.068	<1	2.38	0.012	0.07	0.1	0.02	4.0	<0.1	<0.05	7	<0.5	<0.2
11CB3064	Soil	15	109	0.94	275	0.080	<1	2.30	0.010	0.09	0.1	0.04	5.2	0.1	<0.05	6	<0.5	<0.2
11CB3065	Soil	11	25	1.40	665	0.112	<1	2.44	0.013	0.44	<0.1	<0.01	6.6	0.2	<0.05	8	<0.5	<0.2
11CB3066	Soil	6	56	1.41	269	0.141	<1	2.72	0.009	0.13	<0.1	<0.01	5.5	<0.1	<0.05	10	<0.5	<0.2
11CB3067	Soil	11	28	0.63	207	0.067	<1	1.93	0.008	0.05	0.1	0.01	3.3	<0.1	<0.05	5	<0.5	<0.2
11CB3068	Soil	8	44	0.89	238	0.108	<1	2.09	0.008	0.08	0.1	0.01	2.5	0.1	<0.05	5	<0.5	<0.2
11CB3069	Soil	5	31	1.39	252	0.217	<1	3.15	0.012	0.41	0.1	0.01	3.5	0.2	<0.05	8	<0.5	<0.2
11CB3070	Soil	4	35	1.28	240	0.196	<1	2.58	0.010	0.41	0.2	0.02	4.5	0.2	<0.05	8	0.6	<0.2
11CB3071	Soil	8	27	0.71	167	0.085	1	2.26	0.007	0.07	0.2	0.02	2.9	<0.1	0.06	6	<0.5	<0.2
11CB3072	Soil	6	32	1.12	291	0.181	<1	2.77	0.010	0.26	0.2	0.01	3.8	0.1	0.06	8	<0.5	<0.2
11CB3073	Soil	7	34	0.82	221	0.134	1	2.53	0.009	0.09	0.2	0.03	3.3	0.1	<0.05	8	0.5	<0.2
11CB3074	Soil	5	45	1.00	232	0.170	<1	2.48	0.016	0.10	0.1	0.03	3.0	<0.1	<0.05	7	<0.5	<0.2
11CB3075	Soil	6	40	0.77	201	0.099	1	2.30	0.016	0.05	0.1	0.02	2.7	<0.1	<0.05	6	<0.5	<0.2
11CB3076	Soil	5	26	1.01	319	0.175	1	2.26	0.012	0.11	0.1	0.01	3.0	<0.1	<0.05	8	<0.5	<0.2
11CB3077	Soil	7	241	2.69	975	0.275	<1	3.58	0.013	1.01	0.1	0.02	4.4	0.4	<0.05	11	<0.5	<0.2
11CB3078	Soil	6	176	1.83	534	0.226	2	3.11	0.014	0.42	0.1	0.01	2.8	0.2	<0.05	8	<0.5	<0.2
11CB3079	Soil	10	114	1.30	379	0.176	1	2.98	0.012	0.12	0.2	0.02	3.3	0.1	<0.05	7	<0.5	<0.2
11CB3080	Soil	8	146	1.71	347	0.186	1	2.77	0.013	0.14	0.1	0.02	3.7	0.1	<0.05	8	<0.5	<0.2
11CB3081	Soil	8	134	1.50	325	0.174	<1	2.60	0.011	0.12	0.1	0.02	3.8	0.2	<0.05	8	<0.5	<0.2
11CB3082	Soil	7	207	2.01	901	0.208	<1	3.65	0.020	0.49	<0.1	0.02	6.4	0.2	<0.05	11	<0.5	<0.2
11CB3083	Soil	13	84	1.03	456	0.141	1	2.61	0.013	0.17	0.1	0.03	4.3	0.1	<0.05	7	<0.5	<0.2
11CB3084	Soil	16	42	0.67	273	0.097	<1	1.72	0.013	0.06	0.1	0.04	4.0	<0.1	<0.05	5	<0.5	<0.2
11CB3085	Soil	9	64	0.87	287	0.147	1	2.23	0.012	0.11	0.2	0.01	3.0	0.1	<0.05	7	<0.5	<0.2
11CB3086	Soil	22	79	1.25	457	0.185	<1	2.37	0.019	0.25	0.1	<0.01	5.0	0.2	<0.05	7	<0.5	<0.2
11CB3087	Soil	31	90	0.96	365	0.145	<1	2.40	0.011	0.14	0.1	0.03	2.8	0.1	<0.05	6	<0.5	<0.2
11CB3088	Soil	16	43	0.63	324	0.101	<1	2.27	0.008	0.08	0.1	0.03	5.2	0.2	<0.05	7	0.6	<0.2
11CB3089	Soil	17	51	0.65	340	0.077	<1	2.16	0.006	0.05	0.2	0.04	5.1	0.3	<0.05	6	0.6	<0.2
11CB3090	Soil	12	32	0.38	174	0.079	<1	1.51	0.006	0.06	<0.1	0.02	2.8	0.2	<0.05	7	0.7	<0.2



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
11CB3091	Soil	1.7	49.1	11.8	91	0.1	35.7	11.5	306	2.90	14.6	2.1	2.4	6.1	18	0.4	1.0	0.2	72	0.15	0.028
11CB3092	Soil	1.6	16.7	12.6	74	0.8	19.7	8.6	814	2.89	17.5	0.5	1.3	2.7	14	0.4	0.9	0.2	67	0.11	0.073
11CB3093	Soil	1.6	22.6	12.5	62	0.3	21.9	9.2	289	2.79	18.7	0.6	1.6	3.7	13	0.3	1.5	0.2	68	0.10	0.030
11CB3094	Soil	1.4	29.2	11.7	56	0.1	23.2	8.8	257	2.62	11.9	3.8	4.4	6.1	15	<0.1	1.0	0.2	56	0.12	0.018
11CB3095	Soil	1.9	36.8	14.8	65	0.1	26.8	8.5	294	3.10	32.8	1.0	1.8	5.1	16	0.2	3.8	0.2	69	0.10	0.022
11CB3096	Soil	2.6	67.0	12.2	155	0.2	47.5	11.9	287	3.78	25.3	3.6	3.5	6.4	13	0.4	2.8	0.2	100	0.06	0.030
11CB3097	Soil	4.7	63.0	8.6	263	0.2	45.1	7.6	344	2.50	41.0	1.1	0.6	2.2	10	1.0	12.6	0.2	167	0.13	0.066
11CB3098	Soil	2.8	66.1	4.4	199	0.4	52.3	13.1	264	2.86	10.5	1.5	1.8	2.2	14	0.7	1.6	<0.1	90	0.27	0.029
11CB3099	Soil	1.7	45.4	3.6	144	<0.1	31.8	14.4	260	2.41	26.3	1.1	2.1	2.3	9	0.5	2.4	<0.1	72	0.21	0.028
11CB3100	Soil	1.8	41.2	4.1	123	<0.1	28.7	14.9	269	2.52	25.6	1.0	2.6	2.6	9	0.5	2.3	<0.1	71	0.22	0.029
11CB3101	Soil	1.9	41.3	4.4	135	<0.1	31.2	14.6	276	2.62	28.5	1.0	1.9	2.6	9	0.6	2.6	<0.1	77	0.23	0.028
11CB3102	Soil	2.1	61.5	6.6	219	0.6	56.8	11.7	293	3.04	30.4	0.9	2.4	2.7	13	0.8	3.5	0.1	80	0.20	0.030
11CB3103	Soil	2.3	56.7	6.7	193	0.4	51.4	12.6	295	3.11	33.3	1.1	3.1	2.7	13	0.8	3.3	0.1	84	0.21	0.031
11CB3104	Soil	2.5	63.0	7.4	220	0.4	58.2	13.4	318	3.34	38.0	1.1	2.3	2.8	13	0.8	3.6	0.1	92	0.21	0.031
11CB3105	Soil	2.9	50.1	7.7	168	0.3	38.6	11.8	297	2.95	84.9	2.8	2.6	3.8	17	1.0	6.1	0.1	69	0.23	0.037
11CB3106	Soil	1.2	38.5	8.2	87	0.2	26.4	10.5	252	2.50	23.8	2.4	4.0	4.3	18	0.3	1.9	0.1	56	0.22	0.031
11CB3107	Soil	1.4	37.6	8.7	92	0.3	27.5	12.0	245	2.63	25.5	2.1	4.7	4.2	16	0.4	1.9	0.1	62	0.21	0.034
11CB3108	Soil	2.3	58.6	8.6	228	0.3	51.1	13.5	306	3.24	43.0	2.8	4.2	3.9	18	1.0	3.6	0.1	76	0.25	0.039
11CB3109	Soil	3.6	77.1	8.5	416	0.7	92.1	19.9	593	4.11	64.7	3.3	3.5	3.5	22	2.1	5.6	0.2	85	0.28	0.049
11CB3110	Soil	3.4	60.6	8.6	246	0.3	48.9	13.8	348	3.30	56.6	3.0	4.2	3.7	18	1.0	4.4	0.2	85	0.22	0.044
11CB3111	Soil	2.2	46.7	8.0	152	0.3	36.2	13.1	295	2.93	40.4	2.7	5.1	3.8	16	0.7	3.1	0.2	68	0.20	0.040
11CB3112	Soil	2.9	51.8	8.3	181	0.3	40.0	12.1	301	3.27	87.4	2.6	3.5	3.6	16	0.8	6.3	0.1	72	0.19	0.043
11CB3113	Soil	2.6	49.7	8.2	163	0.2	37.5	12.0	299	3.05	76.5	2.8	2.8	3.6	15	0.9	5.5	0.1	66	0.19	0.040
11CB3114	Soil	1.4	33.6	7.9	84	0.2	25.7	11.3	236	2.71	26.5	1.9	5.7	3.3	14	0.4	2.0	0.1	57	0.19	0.038
11CB3115	Soil	1.2	30.6	8.0	70	0.2	22.4	11.2	224	2.59	22.2	1.7	2.8	3.4	13	0.4	1.8	0.2	54	0.17	0.036
11CB3116	Soil	2.0	42.4	7.8	149	0.2	36.0	11.4	278	2.90	51.6	2.1	3.1	3.4	16	0.8	4.0	0.2	61	0.19	0.038
11CB3117	Soil	2.3	45.9	8.0	155	0.2	35.7	12.7	300	2.93	58.3	2.5	4.5	3.7	16	0.8	4.2	0.1	67	0.20	0.043
11CB3118	Soil	2.9	49.7	7.1	176	0.3	38.5	12.8	306	3.10	79.8	2.5	3.2	3.4	15	1.0	5.6	0.1	67	0.19	0.041
11CB3119	Soil	2.2	36.2	27.1	104	0.1	22.2	12.5	953	3.59	47.3	1.6	2.6	6.3	15	0.3	2.9	0.2	41	0.10	0.042
11CB3120	Soil	1.3	17.9	17.9	74	0.2	17.3	10.8	550	3.56	14.1	1.2	2.0	3.9	14	0.2	1.2	0.1	56	0.17	0.063



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
11CB3091	Soil	20	39	0.61	356	0.071	<1	2.05	0.008	0.06	0.2	0.06	5.7	0.2	<0.05	5	0.8
11CB3092	Soil	11	29	0.40	233	0.052	<1	1.72	0.007	0.05	0.2	0.03	2.3	0.1	<0.05	6	0.6
11CB3093	Soil	12	32	0.39	243	0.052	<1	2.04	0.006	0.05	0.1	0.03	2.9	0.2	<0.05	6	<0.5
11CB3094	Soil	20	34	0.50	269	0.064	<1	1.85	0.009	0.04	0.2	0.05	6.1	0.1	<0.05	5	0.5
11CB3095	Soil	13	36	0.42	280	0.056	<1	1.98	0.007	0.05	0.2	0.02	3.8	0.2	<0.05	6	0.9
11CB3096	Soil	19	48	0.42	276	0.043	<1	1.85	0.005	0.06	<0.1	0.09	10.4	0.4	<0.05	5	1.3
11CB3097	Soil	6	45	0.46	285	0.045	<1	1.15	0.005	0.04	0.2	<0.01	2.9	0.2	<0.05	5	1.1
11CB3098	Soil	13	77	0.76	475	0.039	<1	1.34	0.012	0.04	<0.1	0.05	9.3	0.2	<0.05	4	0.9
11CB3099	Soil	9	46	0.42	254	0.045	<1	1.16	0.014	0.04	<0.1	0.02	6.9	0.2	<0.05	3	1.1
11CB3100	Soil	9	40	0.44	235	0.054	<1	1.25	0.015	0.04	<0.1	0.02	6.4	0.2	<0.05	3	0.8
11CB3101	Soil	9	43	0.44	250	0.054	<1	1.26	0.016	0.05	<0.1	0.02	6.7	0.2	<0.05	3	0.8
11CB3102	Soil	8	77	0.55	413	0.051	<1	1.47	0.008	0.07	<0.1	0.03	7.2	0.2	<0.05	4	1.0
11CB3103	Soil	9	70	0.60	456	0.052	<1	1.55	0.009	0.06	<0.1	0.03	7.1	0.2	<0.05	4	1.0
11CB3104	Soil	10	79	0.63	428	0.042	<1	1.66	0.008	0.07	<0.1	0.03	7.9	0.2	<0.05	4	1.1
11CB3105	Soil	16	38	0.46	411	0.052	<1	1.25	0.011	0.05	<0.1	0.07	7.6	0.3	<0.05	4	0.9
11CB3106	Soil	19	32	0.47	401	0.061	<1	1.39	0.013	0.04	<0.1	0.04	6.3	0.2	<0.05	4	0.8
11CB3107	Soil	17	34	0.49	378	0.064	<1	1.58	0.012	0.04	<0.1	0.05	5.8	0.2	<0.05	5	0.7
11CB3108	Soil	18	50	0.54	439	0.057	<1	1.49	0.011	0.05	<0.1	0.06	8.1	0.3	<0.05	4	1.0
11CB3109	Soil	17	69	0.63	647	0.040	2	1.44	0.011	0.07	0.1	0.09	10.2	0.5	<0.05	4	1.2
11CB3110	Soil	17	54	0.53	471	0.044	1	1.39	0.011	0.05	<0.1	0.09	9.8	0.3	<0.05	4	1.0
11CB3111	Soil	16	39	0.48	407	0.046	2	1.33	0.011	0.04	0.1	0.07	7.3	0.2	<0.05	4	0.8
11CB3112	Soil	16	39	0.45	389	0.045	2	1.31	0.011	0.05	0.1	0.07	8.1	0.4	<0.05	4	0.8
11CB3113	Soil	16	35	0.42	398	0.042	1	1.21	0.009	0.04	0.1	0.07	7.9	0.3	<0.05	3	0.7
11CB3114	Soil	14	31	0.43	335	0.051	1	1.38	0.012	0.04	0.1	0.05	5.5	0.2	<0.05	4	<0.5
11CB3115	Soil	13	28	0.44	322	0.049	2	1.38	0.012	0.03	0.1	0.05	4.8	0.2	<0.05	4	<0.5
11CB3116	Soil	15	37	0.42	378	0.048	1	1.26	0.010	0.04	0.1	0.06	6.7	0.3	<0.05	4	<0.5
11CB3117	Soil	16	36	0.49	400	0.048	1	1.29	0.013	0.05	0.1	0.06	7.2	0.3	<0.05	3	0.8
11CB3118	Soil	15	37	0.44	389	0.046	<1	1.19	0.010	0.04	0.1	0.06	7.5	0.3	<0.05	3	0.7
11CB3119	Soil	45	22	0.40	152	0.042	2	1.19	0.008	0.11	0.2	0.04	3.8	0.3	0.08	4	<0.5
11CB3120	Soil	22	40	0.60	236	0.060	2	1.82	0.007	0.15	0.1	0.06	4.4	0.3	<0.05	6	<0.5



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
11CB3121	Soil	1.5	23.9	18.0	76	0.3	18.3	11.0	689	3.40	15.6	1.4	1.6	2.6	14	0.4	1.4	0.2	55	0.18	0.069
11CB3122	Soil	1.2	21.5	13.8	89	<0.1	23.5	11.9	619	3.34	24.7	0.9	3.5	3.1	15	0.3	1.7	0.2	53	0.14	0.043
11CB3123	Soil	1.2	69.6	17.5	468	0.4	22.7	9.3	4663	6.02	74.9	0.9	18.9	2.9	50	3.0	0.5	0.5	33	5.79	0.040
11CB3124	Soil	1.3	32.2	16.1	58	<0.1	25.3	9.7	400	4.01	7.3	1.2	1.3	6.1	10	0.1	0.5	0.3	82	0.11	0.039
11CB3125	Soil	1.9	40.3	11.6	96	0.2	41.2	23.1	627	3.71	12.9	1.7	4.5	6.2	25	0.1	1.3	0.1	77	0.38	0.076
11CB3126	Soil	1.2	12.5	12.2	61	0.1	11.0	9.2	315	3.20	9.6	0.9	4.1	2.4	16	<0.1	0.8	0.2	53	0.21	0.051
11CB3127	Soil	1.5	20.7	11.8	46	0.3	19.3	7.9	234	2.82	27.5	0.6	2.9	1.2	11	0.2	3.3	0.2	57	0.08	0.047
11CB3128	Soil	2.4	22.6	11.5	48	0.2	13.6	5.4	180	3.02	40.5	1.2	2.6	1.3	12	0.3	7.6	0.2	72	0.08	0.045
11CB3129	Soil	1.9	39.9	14.5	83	0.2	18.8	7.7	290	2.85	20.4	2.6	2.6	7.0	20	0.1	4.2	0.2	57	0.13	0.056
11CB3130	Soil	1.1	26.3	10.5	70	0.2	18.4	7.8	227	2.87	12.5	1.4	2.8	4.0	16	<0.1	1.2	0.2	52	0.15	0.051
11CB3131	Soil	1.1	26.6	10.7	71	0.2	18.5	8.3	238	2.89	11.5	1.5	2.9	4.6	16	<0.1	1.1	0.2	50	0.16	0.053
11CB3132	Soil	1.7	22.3	14.3	68	<0.1	15.6	9.2	398	3.00	21.1	1.8	2.0	6.7	14	0.2	1.5	0.2	50	0.10	0.046
11CB3133	Soil	1.4	17.9	11.9	69	<0.1	14.9	8.1	374	3.33	10.8	1.7	3.4	5.2	13	0.1	0.8	0.2	53	0.13	0.060
11CB3134	Soil	1.5	19.5	16.5	77	0.1	19.9	10.1	365	3.18	16.6	1.4	7.6	2.8	13	0.2	1.6	0.2	52	0.12	0.051
11CB3135	Soil	1.4	23.5	12.0	61	<0.1	19.5	9.2	296	2.62	12.4	1.2	2.9	5.2	12	<0.1	1.8	0.2	50	0.09	0.018
11CB3136	Soil	1.4	22.3	10.6	73	<0.1	15.9	5.8	228	2.41	22.5	1.8	4.3	5.1	15	0.2	4.7	0.2	41	0.09	0.034
11CB3137	Soil	2.5	34.1	13.5	67	<0.1	15.1	6.0	240	2.84	36.3	2.4	2.5	4.0	20	0.3	6.3	0.2	57	0.06	0.043
11CB3138	Soil	1.4	26.7	11.9	60	<0.1	20.5	10.2	289	2.59	17.1	1.2	4.0	4.8	13	0.2	1.9	0.2	54	0.09	0.028
11CB3139	Soil	1.2	13.2	12.9	46	<0.1	10.4	4.6	205	3.26	13.7	0.5	3.4	1.2	9	0.2	1.0	0.2	62	0.07	0.037
11CB3140	Soil	1.8	22.9	12.1	63	0.1	16.6	5.1	173	2.43	20.5	1.2	2.8	0.6	14	0.5	1.6	0.2	55	0.10	0.041
11CB3141	Soil	2.0	21.8	12.4	67	<0.1	15.2	4.8	178	2.41	24.1	1.2	3.1	0.8	15	0.4	2.2	0.3	58	0.10	0.043
11CB3142	Soil	2.0	22.1	12.3	146	0.1	21.9	7.2	315	3.74	24.4	2.1	2.7	8.7	16	0.2	2.6	0.2	62	0.09	0.044
11CB3143	Soil	1.7	35.7	11.7	111	0.3	24.0	8.5	298	2.86	24.2	2.3	3.9	3.6	18	0.5	1.9	0.2	52	0.12	0.055
11CB3144	Soil	1.6	33.4	10.7	80	0.5	20.0	6.7	169	2.47	16.1	1.9	3.8	1.4	17	0.4	1.3	0.2	50	0.13	0.061
11CB3145	Soil	1.2	26.0	8.7	82	0.3	21.1	7.2	159	2.34	13.7	1.3	3.7	2.0	17	0.4	1.0	0.2	49	0.15	0.046
11CB3146	Soil	1.3	22.1	13.1	81	0.1	19.8	6.5	173	2.27	20.7	1.2	3.3	2.7	17	0.3	2.9	0.2	51	0.12	0.036
11CB3147	Soil	1.6	28.7	16.5	94	0.2	22.1	8.0	257	3.06	29.1	1.5	4.9	4.3	15	0.3	3.6	0.3	59	0.11	0.044
11CB3148	Soil	1.1	21.3	10.9	89	0.1	16.4	9.8	361	3.42	17.5	1.9	1.8	6.5	21	0.1	2.2	0.2	52	0.31	0.073
11CB3149	Soil	1.4	29.8	15.0	78	0.1	27.2	9.0	286	2.76	28.2	1.3	1.8	5.1	17	0.2	3.0	0.2	53	0.15	0.020
11CB3150	Soil	0.6	29.9	10.0	83	0.3	23.1	8.0	250	2.96	8.2	2.2	4.6	11.2	17	<0.1	0.8	0.2	48	0.22	0.044



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.01	0.1	0.05	1	0.5	0.2
11CB3121	Soil	39	38	0.50	270	0.042	2	1.57	0.008	0.14	0.1	0.09	4.3	0.3	0.05	6	<0.5	<0.2
11CB3122	Soil	13	33	0.52	149	0.067	2	1.57	0.008	0.08	0.2	0.05	3.7	0.2	<0.05	5	0.5	<0.2
11CB3123	Soil	19	19	2.80	395	0.034	36	1.53	0.009	0.04	1.1	0.04	2.9	0.3	0.05	4	0.7	<0.2
11CB3124	Soil	10	48	0.90	160	0.203	1	2.04	0.009	0.27	0.2	0.02	3.7	0.3	0.06	11	<0.5	<0.2
11CB3125	Soil	30	215	1.67	331	0.154	2	2.32	0.016	0.68	0.2	0.08	4.2	0.4	<0.05	7	<0.5	<0.2
11CB3126	Soil	18	19	0.79	293	0.139	1	1.71	0.009	0.25	0.2	0.04	1.7	0.2	<0.05	6	<0.5	<0.2
11CB3127	Soil	8	27	0.38	365	0.042	1	2.03	0.008	0.04	0.2	0.12	2.1	<0.1	0.05	5	0.9	<0.2
11CB3128	Soil	9	26	0.33	298	0.047	<1	1.30	0.006	0.03	0.2	0.09	2.5	<0.1	<0.05	6	0.6	<0.2
11CB3129	Soil	24	30	0.50	643	0.081	2	1.28	0.010	0.17	0.1	0.13	5.2	0.2	<0.05	5	1.0	<0.2
11CB3130	Soil	18	39	0.54	439	0.069	2	1.61	0.008	0.09	0.1	0.15	3.8	0.2	<0.05	6	0.7	<0.2
11CB3131	Soil	19	40	0.59	430	0.071	2	1.62	0.008	0.09	0.2	0.15	3.7	0.2	<0.05	6	<0.5	<0.2
11CB3132	Soil	36	26	0.40	283	0.063	<1	1.69	0.007	0.14	0.1	0.06	3.3	0.3	<0.05	6	<0.5	<0.2
11CB3133	Soil	27	34	0.54	317	0.081	<1	1.75	0.007	0.18	0.1	0.19	3.7	0.2	<0.05	7	<0.5	<0.2
11CB3134	Soil	20	31	0.50	224	0.056	2	1.88	0.007	0.15	0.2	0.29	3.2	0.2	<0.05	6	0.6	<0.2
11CB3135	Soil	17	27	0.47	229	0.052	<1	1.52	0.007	0.04	0.2	0.07	3.4	0.1	<0.05	4	0.6	<0.2
11CB3136	Soil	21	22	0.42	282	0.049	3	1.10	0.006	0.08	0.2	0.17	3.5	0.2	<0.05	4	0.7	<0.2
11CB3137	Soil	18	22	0.31	140	0.050	1	0.98	0.004	0.10	0.2	0.12	3.3	0.3	<0.05	5	1.3	<0.2
11CB3138	Soil	15	27	0.38	198	0.058	2	1.60	0.007	0.06	0.1	0.16	2.8	0.2	<0.05	5	0.5	<0.2
11CB3139	Soil	10	25	0.33	152	0.047	1	1.34	0.007	0.03	0.1	0.06	1.7	<0.1	<0.05	6	0.5	<0.2
11CB3140	Soil	15	23	0.34	329	0.025	<1	1.15	0.006	0.05	0.1	0.09	1.7	0.2	<0.05	6	<0.5	<0.2
11CB3141	Soil	18	24	0.35	317	0.033	1	1.18	0.007	0.05	0.1	0.10	2.1	0.2	<0.05	6	0.8	<0.2
11CB3142	Soil	25	35	0.51	416	0.084	2	1.98	0.007	0.31	<0.1	0.16	4.8	0.7	<0.05	9	0.7	<0.2
11CB3143	Soil	28	31	0.45	505	0.051	2	1.51	0.008	0.11	0.1	0.21	4.4	0.5	<0.05	6	0.5	<0.2
11CB3144	Soil	20	29	0.44	463	0.034	2	1.55	0.008	0.06	0.1	0.26	3.2	0.3	<0.05	5	<0.5	<0.2
11CB3145	Soil	16	31	0.46	452	0.038	2	1.45	0.007	0.06	0.1	0.17	3.1	0.2	<0.05	5	<0.5	<0.2
11CB3146	Soil	19	25	0.37	352	0.049	2	1.21	0.007	0.06	<0.1	0.14	3.2	0.3	<0.05	5	<0.5	<0.2
11CB3147	Soil	21	32	0.46	406	0.047	2	1.70	0.007	0.07	0.1	0.14	3.9	0.4	<0.05	6	<0.5	<0.2
11CB3148	Soil	41	42	0.80	398	0.063	2	2.16	0.007	0.35	<0.1	0.08	5.1	0.4	<0.05	8	0.8	<0.2
11CB3149	Soil	17	30	0.50	396	0.045	2	1.66	0.007	0.05	0.1	0.06	4.0	0.1	<0.05	4	0.6	<0.2
11CB3150	Soil	46	32	0.63	194	0.062	<1	1.67	0.007	0.20	0.1	0.04	4.8	0.2	<0.05	5	0.8	<0.2



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
11CB3151	Soil	0.6	30.1	10.3	86	0.3	23.9	8.6	251	3.08	8.4	1.9	4.5	10.7	17	0.1	0.8	0.1	49	0.21	0.046
11CB3152	Soil	1.1	15.1	12.0	68	<0.1	19.6	10.5	385	2.94	8.8	1.4	3.2	9.4	17	0.2	0.7	0.2	44	0.19	0.048
11CB3153	Soil	0.9	14.0	8.1	46	<0.1	35.2	10.2	276	3.42	7.9	0.5	3.7	2.1	11	0.1	0.6	0.1	73	0.14	0.042
11CB3154	Soil	1.9	31.8	13.9	59	<0.1	20.8	8.0	315	3.37	12.9	0.9	<0.5	2.0	15	0.2	0.7	0.2	70	0.13	0.040
11CB3155	Soil	2.2	37.4	7.6	60	<0.1	45.3	21.8	245	3.89	6.8	0.6	1.2	3.6	9	<0.1	0.3	0.1	102	0.11	0.022
11CB3156	Soil	1.2	31.6	9.7	69	0.1	33.0	16.7	405	2.97	8.7	1.1	2.6	3.7	18	0.2	0.5	0.1	61	0.22	0.059
11CB3157	Soil	1.3	24.3	3.5	64	<0.1	85.7	35.1	323	4.19	1.2	0.6	<0.5	5.4	8	<0.1	<0.1	<0.1	135	0.13	0.020
11CB3158	Soil	2.4	39.1	14.5	69	0.4	29.4	12.1	774	3.92	7.6	1.4	<0.5	4.8	18	0.2	0.5	0.2	72	0.26	0.047
11CB3159	Soil	1.6	15.6	12.0	56	<0.1	17.9	8.7	312	3.02	9.2	1.2	2.2	4.4	15	0.1	0.6	0.2	51	0.18	0.057
11CB3160	Soil	0.9	10.7	12.0	58	<0.1	14.9	7.4	281	2.65	8.0	0.8	1.3	3.3	17	0.1	0.5	0.2	56	0.21	0.053
11CB3161	Soil	1.1	12.6	11.9	76	<0.1	18.8	9.4	396	3.22	7.7	0.9	2.0	5.8	18	0.2	0.5	0.1	56	0.25	0.072
11CB3162	Soil	1.0	15.4	27.9	232	<0.1	21.3	10.1	394	2.86	6.2	1.0	3.2	4.8	15	0.6	0.5	0.2	50	0.22	0.064
11CB3163	Soil	1.0	17.8	12.3	60	<0.1	16.5	7.1	216	2.53	8.2	1.5	2.9	1.8	15	0.2	0.6	0.2	41	0.17	0.053
11CB3164	Soil	1.8	22.8	12.2	60	0.1	18.1	5.3	203	2.59	17.0	0.9	2.2	1.5	9	0.2	1.5	0.3	70	0.07	0.025
11CB3165	Soil	3.1	36.6	14.4	62	0.3	25.2	9.4	286	3.75	46.0	1.1	0.9	3.3	15	0.2	2.9	0.2	64	0.08	0.040
11CB3166	Soil	1.8	25.1	11.5	50	<0.1	16.8	6.0	246	2.32	9.4	0.8	1.6	2.4	9	0.1	0.9	0.2	60	0.08	0.045
11CB3167	Soil	3.7	106.8	15.0	82	0.2	31.2	12.7	584	4.15	16.1	3.2	1.6	6.5	12	0.1	1.6	0.4	96	0.10	0.082
11CB3168	Soil	2.7	87.5	13.3	72	0.1	16.0	7.8	686	3.78	7.5	1.9	1.8	6.7	16	<0.1	0.6	0.2	74	0.07	0.062
11CB3169	Soil	2.3	41.8	18.1	71	0.3	26.8	16.1	424	2.57	26.1	0.8	7.3	2.1	20	0.4	1.9	0.2	53	0.17	0.051
11CB3170	Soil	2.5	36.7	27.6	50	0.7	18.0	5.4	152	2.18	60.1	2.0	12.3	3.4	26	0.2	6.3	0.3	47	0.19	0.075
11CB3171	Soil	3.3	27.3	50.3	39	0.9	11.9	4.4	144	2.42	107.9	1.3	28.7	2.3	20	0.5	10.6	0.3	49	0.10	0.049
11CB3172	Soil	1.8	26.6	47.2	51	0.2	14.9	6.4	223	2.52	69.7	1.1	5.4	1.6	15	0.2	5.5	0.3	49	0.10	0.040
11CB3173	Soil	2.5	33.1	33.5	46	0.1	12.9	5.9	239	2.49	56.9	1.2	6.3	1.5	15	0.2	4.7	0.3	52	0.09	0.041
11CB3174	Soil	1.9	13.4	29.9	49	0.2	10.9	4.4	203	2.14	26.2	0.6	3.9	0.5	14	0.3	3.0	0.3	51	0.11	0.036
11CB3175	Soil	3.8	74.4	29.3	115	0.3	24.1	9.7	631	4.25	3.5	3.2	3.7	12.6	29	0.2	0.3	0.2	77	0.14	0.093
11CB3176	Soil	1.3	16.5	11.1	70	<0.1	16.4	8.0	342	3.15	9.1	0.9	3.8	1.4	13	0.3	0.5	0.2	55	0.13	0.049
11CB3177	Soil	0.7	20.7	14.8	57	0.3	22.1	7.6	193	2.74	7.1	2.0	5.9	5.3	15	0.2	0.4	0.2	59	0.20	0.069
11CB3178	Soil	1.1	46.2	9.8	88	0.1	16.4	7.8	471	3.74	3.7	2.2	2.3	9.6	33	0.2	0.4	<0.1	54	0.17	0.085
11CB3179	Soil	1.2	50.2	11.6	82	0.2	13.5	7.4	486	3.82	4.9	2.4	1.9	9.2	35	0.1	0.4	0.1	56	0.15	0.089
11CB3180	Soil	1.0	38.6	9.3	84	0.1	15.5	8.5	523	3.50	3.9	2.1	2.9	8.6	31	0.1	0.3	<0.1	53	0.17	0.084



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11CB3151	Soil	44	32	0.65	187	0.065	<1	1.71	0.007	0.22	0.1	0.03	4.6	0.2	<0.05	6	<0.5	<0.2
11CB3152	Soil	30	25	0.60	401	0.085	1	1.81	0.009	0.16	0.2	0.01	3.0	0.2	<0.05	6	0.7	<0.2
11CB3153	Soil	8	130	1.03	186	0.179	1	1.77	0.008	0.26	0.2	0.01	1.8	0.2	<0.05	8	<0.5	<0.2
11CB3154	Soil	13	36	0.59	202	0.064	<1	1.61	0.008	0.16	0.2	0.03	2.2	0.1	<0.05	6	<0.5	<0.2
11CB3155	Soil	7	481	2.08	289	0.206	<1	2.63	0.006	0.39	0.1	<0.01	2.1	0.3	<0.05	6	0.7	<0.2
11CB3156	Soil	20	112	0.89	235	0.085	1	1.87	0.010	0.18	0.2	0.02	2.7	0.2	<0.05	6	<0.5	<0.2
11CB3157	Soil	9	946	4.48	636	0.198	<1	3.73	0.008	1.44	<0.1	<0.01	2.6	0.7	<0.05	8	0.7	<0.2
11CB3158	Soil	26	33	0.90	179	0.145	1	2.10	0.012	0.23	0.1	0.03	3.6	0.3	<0.05	8	0.7	<0.2
11CB3159	Soil	19	31	0.59	146	0.084	<1	1.81	0.009	0.09	0.2	0.02	2.8	0.2	<0.05	6	0.5	<0.2
11CB3160	Soil	19	29	0.59	163	0.095	<1	1.44	0.008	0.20	0.2	0.01	2.5	0.2	<0.05	7	0.7	<0.2
11CB3161	Soil	21	34	0.79	171	0.117	<1	1.81	0.008	0.27	0.2	0.02	3.2	0.3	<0.05	7	<0.5	<0.2
11CB3162	Soil	25	60	0.79	133	0.095	<1	1.67	0.013	0.24	<0.1	0.02	2.7	0.2	<0.05	6	<0.5	<0.2
11CB3163	Soil	23	29	0.57	172	0.061	<1	1.56	0.007	0.17	0.1	0.04	1.9	0.3	<0.05	5	1.0	<0.2
11CB3164	Soil	11	23	0.20	81	0.043	<1	1.01	0.004	0.04	0.2	0.03	1.7	0.2	<0.05	7	0.8	<0.2
11CB3165	Soil	11	28	0.36	116	0.049	<1	1.82	0.006	0.09	0.2	0.05	2.6	0.2	0.10	5	0.6	<0.2
11CB3166	Soil	12	17	0.26	65	0.101	<1	0.87	0.005	0.10	0.1	0.03	1.5	0.2	<0.05	8	<0.5	<0.2
11CB3167	Soil	23	30	0.88	129	0.142	<1	1.78	0.007	0.40	0.1	0.02	2.7	0.5	0.15	7	0.7	<0.2
11CB3168	Soil	44	40	1.44	194	0.158	<1	2.50	0.011	1.00	<0.1	0.02	3.1	0.6	0.23	8	1.2	<0.2
11CB3169	Soil	11	26	0.54	128	0.066	<1	1.44	0.007	0.10	0.2	0.04	2.8	0.3	<0.05	5	<0.5	<0.2
11CB3170	Soil	18	28	0.42	187	0.045	<1	1.03	0.009	0.11	0.5	0.31	3.0	0.1	0.06	4	0.5	<0.2
11CB3171	Soil	16	22	0.24	143	0.033	<1	0.80	0.005	0.06	0.2	0.31	2.3	<0.1	<0.05	4	1.1	<0.2
11CB3172	Soil	15	23	0.30	104	0.037	<1	1.16	0.006	0.05	0.2	0.11	2.4	0.1	<0.05	4	1.0	<0.2
11CB3173	Soil	16	23	0.31	100	0.042	<1	1.07	0.006	0.07	0.2	0.08	2.2	0.1	<0.05	4	0.8	<0.2
11CB3174	Soil	12	20	0.30	124	0.042	<1	0.94	0.005	0.06	0.2	0.07	1.3	<0.1	<0.05	5	<0.5	<0.2
11CB3175	Soil	75	43	1.21	425	0.179	<1	2.25	0.035	1.10	0.5	0.03	3.6	0.6	0.45	8	0.8	<0.2
11CB3176	Soil	16	30	0.49	123	0.063	<1	1.80	0.009	0.09	0.1	0.07	2.0	0.2	0.07	6	1.1	<0.2
11CB3177	Soil	36	55	0.75	223	0.095	<1	1.64	0.009	0.17	0.2	0.08	4.0	0.2	<0.05	6	0.8	<0.2
11CB3178	Soil	48	44	1.30	346	0.186	<1	2.16	0.022	0.91	0.1	<0.01	2.4	0.5	0.26	7	<0.5	<0.2
11CB3179	Soil	46	40	1.15	332	0.171	<1	2.06	0.030	0.87	0.1	0.02	2.6	0.6	0.42	7	<0.5	<0.2
11CB3180	Soil	42	41	1.16	332	0.175	<1	1.94	0.021	0.83	0.1	0.02	2.6	0.5	0.24	7	0.5	<0.2



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
11CB3181	Soil	1.3	50.1	11.7	88	0.2	14.3	7.9	534	3.97	4.9	2.5	1.4	9.2	36	0.1	0.4	0.2	57	0.15	0.093
11CB3182	Soil	1.2	41.9	10.6	84	0.1	14.5	8.0	549	3.63	4.0	2.2	2.3	8.6	32	0.1	0.4	0.1	55	0.14	0.085
11CB3183	Soil	1.0	45.1	11.0	87	<0.1	14.0	8.1	507	3.67	4.0	2.4	2.0	9.5	34	<0.1	0.3	0.1	54	0.16	0.085
11CB3184	Soil	0.5	19.0	7.1	66	<0.1	17.8	9.9	426	2.81	6.0	0.8	3.1	3.0	13	0.2	0.3	0.2	56	0.21	0.065
11CB3185	Soil	1.0	18.7	7.9	52	0.2	12.4	5.5	205	2.09	4.3	0.8	1.8	0.4	13	0.3	0.3	0.2	45	0.13	0.054
11CB3186	Soil	0.6	19.1	6.1	66	<0.1	17.8	7.3	288	2.19	4.8	0.7	1.7	3.8	18	0.2	0.4	0.1	40	0.28	0.066
11CB3187	Soil	0.4	15.9	6.4	61	<0.1	15.9	6.8	258	2.22	4.4	0.6	1.5	3.3	17	0.1	0.3	0.1	40	0.26	0.063
11CB3188	Soil	0.4	16.9	6.9	64	0.1	16.7	7.7	260	2.28	4.6	0.7	1.5	3.2	17	0.2	0.3	0.1	42	0.26	0.069
11CB3189	Soil	0.6	12.5	6.7	68	0.1	16.5	7.0	256	2.29	4.6	0.6	1.6	2.6	16	0.1	0.3	0.1	42	0.24	0.063
11CB3190	Soil	0.6	15.8	8.2	62	0.2	20.7	6.8	214	2.46	5.5	0.7	3.5	1.8	14	0.1	0.3	0.2	45	0.20	0.055
11CB3191	Soil	0.5	14.5	6.1	66	0.1	22.0	6.5	255	2.16	4.0	0.5	1.2	1.8	15	<0.1	0.3	0.1	41	0.24	0.058
11CB3192	Soil	0.5	19.2	6.0	66	0.2	27.8	8.4	358	2.54	3.6	0.6	2.8	2.6	15	0.1	0.2	0.1	47	0.26	0.076
11CB3193	Soil	0.6	22.7	7.5	57	0.3	28.1	6.5	288	2.32	3.7	0.8	2.1	1.6	20	<0.1	0.4	0.1	43	0.26	0.061
11CB3194	Soil	0.5	14.2	7.0	59	0.2	35.5	6.3	256	2.20	3.7	0.6	<0.5	2.2	18	<0.1	0.6	0.1	41	0.36	0.061
11CB3195	Soil	0.6	12.9	6.7	58	0.1	25.5	6.4	237	2.22	3.8	0.5	3.0	1.7	13	0.1	0.4	0.1	51	0.19	0.046
11CB3196	Soil	0.6	14.7	8.0	58	0.2	33.8	7.9	291	2.39	3.8	0.9	2.6	2.7	23	<0.1	0.5	0.2	46	0.38	0.058
11CB3197	Soil	0.7	16.9	7.1	58	0.1	20.5	7.3	253	2.21	4.3	0.7	1.9	1.5	15	0.1	0.3	0.1	50	0.22	0.051
11CB3198	Soil	0.6	20.3	6.5	83	<0.1	36.9	12.0	428	2.93	4.4	0.5	1.6	3.1	12	0.1	0.4	<0.1	60	0.25	0.065
11CB3199	Soil	1.3	19.3	7.9	76	0.3	26.2	16.2	566	2.99	4.1	1.1	3.5	3.5	16	<0.1	0.8	0.1	57	0.39	0.086
11CB3200	Soil	0.8	16.6	6.9	62	<0.1	15.4	6.3	268	2.34	5.1	0.6	1.5	2.3	14	0.2	0.3	0.1	52	0.28	0.043
11CB3201	Soil	0.8	16.0	7.8	60	<0.1	15.7	6.3	259	2.34	5.5	0.6	2.1	2.4	15	0.1	0.3	0.1	53	0.29	0.040
11CB3202	Soil	0.7	15.7	7.4	65	<0.1	17.4	8.0	295	2.89	5.9	0.5	3.4	2.7	10	0.1	0.4	0.1	59	0.15	0.036
11CB3203	Soil	0.6	15.4	7.9	49	0.1	13.4	5.0	194	2.04	3.9	0.6	0.9	1.2	12	<0.1	0.6	0.2	44	0.17	0.041
11CB3204	Soil	0.3	18.6	7.3	76	0.2	15.3	7.1	344	2.81	3.4	0.9	1.7	4.5	15	<0.1	2.1	0.2	48	0.38	0.081
11CB3205	Soil	0.8	28.1	7.8	91	<0.1	22.1	8.4	414	3.45	4.0	0.5	2.0	2.7	10	0.1	0.3	0.1	57	0.24	0.079
11CB3206	Soil	0.5	11.4	6.9	72	<0.1	16.0	6.4	261	2.57	5.9	0.5	2.7	2.9	12	0.1	0.3	0.1	45	0.21	0.041
11CB3207	Soil	0.6	11.2	8.6	37	<0.1	10.7	4.0	146	1.88	4.8	0.6	2.0	0.5	10	0.1	0.5	0.2	45	0.10	0.040
11CB3208	Soil	0.5	17.4	6.4	58	<0.1	144.8	15.4	416	2.95	4.2	0.7	2.3	3.5	13	<0.1	0.4	0.1	58	0.27	0.044
11CB3209	Soil	0.6	13.6	7.9	60	<0.1	45.5	10.3	351	2.71	6.4	0.6	2.1	3.3	13	<0.1	0.4	0.1	47	0.18	0.028
11CB3210	Soil	0.2	13.6	3.0	28	<0.1	1032	82.2	757	3.06	7.1	0.2	1.1	2.1	19	<0.1	0.3	<0.1	23	0.12	0.039



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11CB3181	Soil	48	43	1.26	339	0.177	<1	2.08	0.030	0.86	0.1	0.02	2.5	0.6	0.43	8	<0.5	<0.2
11CB3182	Soil	42	42	1.20	347	0.175	1	2.15	0.024	0.83	<0.1	0.01	2.4	0.5	0.36	7	<0.5	<0.2
11CB3183	Soil	46	44	1.25	341	0.182	<1	2.17	0.023	0.94	0.1	0.02	2.5	0.6	0.33	7	<0.5	<0.2
11CB3184	Soil	13	42	0.79	300	0.109	<1	1.72	0.008	0.19	0.3	0.03	2.7	0.1	<0.05	5	<0.5	<0.2
11CB3185	Soil	11	29	0.50	209	0.061	1	1.28	0.008	0.12	0.6	0.05	1.7	<0.1	0.07	5	<0.5	<0.2
11CB3186	Soil	15	33	0.65	306	0.094	<1	1.21	0.010	0.12	0.4	0.03	3.0	0.1	<0.05	4	<0.5	<0.2
11CB3187	Soil	12	39	0.70	252	0.102	<1	1.28	0.008	0.11	0.5	0.03	2.9	<0.1	<0.05	4	<0.5	<0.2
11CB3188	Soil	13	36	0.66	297	0.105	1	1.43	0.008	0.11	0.3	0.03	3.3	<0.1	<0.05	5	<0.5	<0.2
11CB3189	Soil	10	37	0.67	235	0.095	2	1.43	0.008	0.10	0.6	0.04	3.0	0.1	<0.05	5	<0.5	<0.2
11CB3190	Soil	11	53	0.69	230	0.081	<1	1.58	0.007	0.13	0.7	0.04	3.0	0.1	<0.05	5	<0.5	<0.2
11CB3191	Soil	9	47	0.73	246	0.099	1	1.43	0.010	0.21	0.6	0.03	2.8	0.1	<0.05	5	<0.5	<0.2
11CB3192	Soil	10	74	0.96	331	0.127	<1	1.66	0.007	0.32	0.6	0.03	4.5	0.2	0.05	6	<0.5	<0.2
11CB3193	Soil	15	48	0.67	443	0.076	<1	1.50	0.009	0.09	0.4	0.06	3.5	<0.1	0.08	5	<0.5	<0.2
11CB3194	Soil	11	69	0.79	356	0.086	1	1.50	0.007	0.11	0.4	0.03	3.4	<0.1	<0.05	5	<0.5	<0.2
11CB3195	Soil	8	58	0.81	285	0.118	<1	1.45	0.008	0.17	0.2	0.03	2.6	0.1	<0.05	6	<0.5	<0.2
11CB3196	Soil	19	66	0.79	533	0.069	<1	1.63	0.008	0.07	0.7	0.14	5.2	0.1	0.06	5	<0.5	<0.2
11CB3197	Soil	13	48	0.77	389	0.114	<1	1.58	0.009	0.18	0.3	0.04	2.4	0.1	<0.05	5	<0.5	<0.2
11CB3198	Soil	9	89	1.28	420	0.174	<1	2.18	0.007	0.50	0.2	<0.01	3.1	0.3	<0.05	6	<0.5	<0.2
11CB3199	Soil	16	67	0.99	474	0.122	<1	1.77	0.007	0.31	0.5	0.26	4.6	0.2	0.07	5	<0.5	<0.2
11CB3200	Soil	12	42	0.75	365	0.122	<1	1.53	0.008	0.17	0.2	0.03	2.5	<0.1	<0.05	6	<0.5	<0.2
11CB3201	Soil	12	41	0.75	349	0.121	<1	1.55	0.007	0.16	0.2	0.02	2.5	0.1	<0.05	6	<0.5	<0.2
11CB3202	Soil	9	47	0.84	240	0.133	<1	1.90	0.007	0.17	0.2	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
11CB3203	Soil	11	33	0.59	291	0.096	<1	1.30	0.007	0.16	0.1	0.04	2.2	<0.1	<0.05	5	<0.5	<0.2
11CB3204	Soil	30	44	1.01	535	0.114	<1	1.95	0.007	0.25	0.2	0.09	5.6	0.2	<0.05	6	<0.5	<0.2
11CB3205	Soil	7	79	1.18	492	0.182	<1	2.01	0.007	0.58	<0.1	0.01	6.9	0.4	<0.05	9	<0.5	<0.2
11CB3206	Soil	10	39	0.71	274	0.115	1	1.50	0.007	0.17	0.2	0.01	3.0	0.1	<0.05	6	<0.5	<0.2
11CB3207	Soil	10	30	0.36	225	0.069	<1	1.07	0.006	0.09	0.1	0.03	1.9	0.1	<0.05	6	<0.5	<0.2
11CB3208	Soil	17	320	1.32	540	0.107	<1	1.75	0.006	0.12	1.1	0.04	5.8	0.1	<0.05	6	<0.5	<0.2
11CB3209	Soil	10	92	0.89	301	0.091	<1	1.78	0.007	0.07	0.2	0.02	2.7	0.1	<0.05	5	<0.5	<0.2
11CB3210	Soil	3	1123	8.31	75	0.018	5	1.72	0.002	0.02	<0.1	<0.01	2.1	0.2	<0.05	3	<0.5	<0.2



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	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
11CB3211	Soil				0.4	15.1	7.0	46	<0.1	49.1	8.7	199	2.30	5.8	0.5	3.1	3.0	13	<0.1	0.3	0.1	45	0.17	0.036
11CB3212	Soil				0.4	16.8	5.9	69	<0.1	48.3	12.1	373	2.76	4.5	0.5	3.2	3.0	11	<0.1	0.3	<0.1	55	0.16	0.024
11CB3213	Soil				0.4	17.6	5.9	65	<0.1	53.6	12.0	354	2.72	4.8	0.5	3.9	3.2	11	<0.1	0.3	<0.1	53	0.15	0.020
11CB3214	Soil				0.6	18.9	10.4	86	<0.1	22.0	12.2	497	2.82	5.6	0.5	0.9	3.6	12	0.2	0.5	<0.1	46	0.13	0.035
11CB3215	Soil				0.6	17.7	8.6	64	<0.1	23.5	9.1	374	2.68	7.3	0.6	2.1	3.3	12	<0.1	0.5	0.1	52	0.14	0.033
11CB3216	Soil				0.7	16.3	8.9	58	<0.1	22.7	8.5	313	2.60	7.6	0.6	3.4	2.8	11	<0.1	0.5	0.1	55	0.13	0.031
11CB3217	Soil				0.9	13.0	9.1	53	<0.1	16.5	6.4	273	2.31	6.6	0.6	3.0	1.3	10	<0.1	0.4	0.2	50	0.13	0.052
11CB3218	Soil				0.8	14.3	9.8	59	<0.1	19.4	7.3	321	2.50	7.1	0.6	3.7	3.0	10	<0.1	0.4	0.2	51	0.14	0.039
11CB3219	Soil				0.8	15.8	8.9	60	<0.1	18.5	7.8	299	2.45	7.7	0.6	4.0	3.0	12	<0.1	0.3	0.2	48	0.17	0.050
11CB3220	Soil				0.7	18.3	9.2	59	<0.1	19.8	7.3	321	2.51	7.3	0.8	2.4	2.0	14	<0.1	0.4	0.2	48	0.17	0.046
11CB3221	Soil				0.7	18.1	8.3	57	<0.1	19.8	7.2	307	2.48	6.7	0.7	2.3	1.9	13	0.1	0.4	0.2	46	0.16	0.045
11CB3222	Soil				0.8	14.9	8.3	49	<0.1	21.4	8.6	209	2.44	9.3	0.5	1.8	1.7	11	0.2	0.5	0.1	45	0.14	0.040
11CB3223	Soil				0.5	15.4	6.5	67	<0.1	21.7	8.1	332	2.39	4.6	0.6	4.5	2.4	11	0.2	0.3	0.1	48	0.17	0.040
11CB3224	Soil				0.7	16.8	7.6	43	<0.1	14.2	7.0	225	2.35	6.2	0.5	0.7	0.9	10	<0.1	0.3	0.1	57	0.14	0.036
11CB3225	Soil				0.9	14.6	8.1	47	<0.1	16.8	8.1	258	2.39	7.7	0.6	1.0	1.0	11	0.1	0.4	0.2	55	0.15	0.052
11CB3226	Soil				0.6	18.7	7.8	61	<0.1	17.3	8.1	299	2.67	7.3	0.7	3.0	2.2	12	<0.1	0.4	0.1	49	0.17	0.044
11CB3227	Soil				0.8	12.2	10.2	30	<0.1	10.6	4.2	131	1.61	4.4	0.6	1.2	0.7	9	<0.1	0.3	0.2	45	0.08	0.037
11CB3228	Soil				0.5	15.1	8.2	43	0.1	10.4	5.4	198	2.03	4.0	0.7	0.6	0.1	12	0.1	0.3	0.1	44	0.15	0.056
11CB3229	Soil				0.7	20.9	8.3	67	<0.1	26.4	10.6	361	2.64	6.1	0.8	4.0	3.0	11	0.1	0.3	0.1	55	0.17	0.052
11CB3230	Soil				0.7	15.6	9.3	60	<0.1	19.9	8.6	328	2.80	7.1	0.6	0.5	2.9	10	0.1	0.4	0.1	53	0.13	0.034
11CB3231	Soil				0.6	14.7	7.2	78	<0.1	17.2	9.0	432	2.98	5.5	0.7	1.2	3.3	10	0.1	0.3	0.1	52	0.17	0.057
11CB3232	Soil				0.7	20.6	6.6	68	<0.1	16.5	9.5	336	2.81	7.9	0.6	0.8	3.0	12	<0.1	0.3	0.1	49	0.18	0.045
11CB3233	Soil				0.7	13.4	7.0	50	<0.1	27.7	7.7	245	2.42	6.4	0.5	2.5	1.8	10	<0.1	0.3	0.1	48	0.14	0.042
11CB3234	Soil				0.8	14.5	7.7	64	<0.1	16.7	10.0	456	2.61	6.1	0.5	<0.5	2.1	12	0.1	0.3	0.1	51	0.12	0.035
11CB3235	Soil				0.6	19.1	8.5	46	<0.1	16.5	6.8	211	2.35	8.0	0.5	1.7	2.2	8	<0.1	0.4	0.1	51	0.09	0.023
11CB3236	Soil				0.8	39.2	8.7	40	<0.1	14.8	6.4	192	2.44	7.5	0.5	2.2	0.9	9	0.1	0.3	0.2	56	0.09	0.029
11CB3237	Soil				0.9	13.5	8.7	55	0.2	20.9	10.1	370	2.73	8.0	0.4	2.3	1.6	8	<0.1	0.4	0.2	62	0.09	0.034
11CB3238	Soil				0.8	31.0	8.6	50	<0.1	27.1	10.9	275	2.68	8.4	0.7	1.6	4.1	10	<0.1	0.3	0.2	60	0.12	0.024
11CB3239	Soil				0.6	10.1	4.4	26	<0.1	7.1	5.1	192	1.37	4.6	0.9	<0.5	4.1	4	<0.1	0.4	<0.1	27	0.06	0.024
11CB3240	Soil				0.6	10.8	4.9	24	<0.1	6.5	6.0	236	1.27	4.3	1.0	2.5	5.3	5	<0.1	0.4	<0.1	25	0.07	0.022



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11CB3211	Soil	9	61	0.71	286	0.077	<1	1.56	0.009	0.08	0.1	0.03	2.1	0.1	<0.05	5	<0.5	<0.2
11CB3212	Soil	14	90	1.28	433	0.146	<1	2.45	0.008	0.30	<0.1	0.01	2.8	0.2	<0.05	6	<0.5	<0.2
11CB3213	Soil	13	87	1.19	416	0.140	<1	2.34	0.008	0.28	0.1	0.02	3.0	0.2	<0.05	5	<0.5	<0.2
11CB3214	Soil	8	45	0.97	213	0.121	1	2.27	0.008	0.25	0.5	0.02	2.7	0.2	<0.05	6	<0.5	<0.2
11CB3215	Soil	12	45	0.79	262	0.090	<1	2.05	0.007	0.12	0.4	0.02	3.1	0.1	<0.05	5	<0.5	<0.2
11CB3216	Soil	10	48	0.69	205	0.078	<1	1.90	0.008	0.07	0.6	0.03	3.0	0.1	<0.05	5	<0.5	<0.2
11CB3217	Soil	8	33	0.60	163	0.081	2	1.50	0.006	0.09	0.2	0.02	1.8	<0.1	<0.05	6	<0.5	<0.2
11CB3218	Soil	9	33	0.66	188	0.092	2	1.66	0.006	0.10	0.2	0.02	2.1	0.1	<0.05	6	<0.5	<0.2
11CB3219	Soil	9	30	0.65	186	0.079	2	1.65	0.007	0.08	0.3	0.02	2.1	0.1	<0.05	5	<0.5	<0.2
11CB3220	Soil	12	29	0.64	316	0.070	1	1.62	0.007	0.08	0.3	0.03	2.4	0.1	<0.05	5	<0.5	<0.2
11CB3221	Soil	11	28	0.63	302	0.073	1	1.60	0.007	0.09	0.3	0.02	2.4	0.1	<0.05	5	<0.5	<0.2
11CB3222	Soil	8	26	0.50	183	0.053	2	1.63	0.007	0.04	0.2	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
11CB3223	Soil	10	53	0.83	224	0.106	1	1.64	0.007	0.21	0.6	0.02	2.4	0.2	<0.05	5	<0.5	<0.2
11CB3224	Soil	7	56	0.62	197	0.077	2	1.40	0.009	0.10	0.3	0.03	1.6	<0.1	<0.05	6	<0.5	<0.2
11CB3225	Soil	9	35	0.57	201	0.056	1	1.59	0.008	0.07	0.4	0.02	1.8	<0.1	<0.05	5	<0.5	<0.2
11CB3226	Soil	12	29	0.63	266	0.090	1	1.78	0.007	0.09	0.4	0.02	2.6	0.1	<0.05	5	<0.5	<0.2
11CB3227	Soil	8	30	0.35	182	0.084	<1	1.05	0.006	0.06	0.2	0.03	1.2	<0.1	<0.05	6	<0.5	<0.2
11CB3228	Soil	9	56	0.60	439	0.055	<1	1.46	0.007	0.16	0.1	0.02	1.5	0.1	<0.05	6	<0.5	<0.2
11CB3229	Soil	10	65	0.87	344	0.112	<1	1.85	0.007	0.18	0.5	0.01	2.7	0.1	<0.05	6	<0.5	<0.2
11CB3230	Soil	11	45	0.73	289	0.109	<1	1.89	0.007	0.14	0.2	0.02	3.1	0.1	<0.05	6	<0.5	<0.2
11CB3231	Soil	9	38	0.87	305	0.141	1	2.02	0.006	0.26	1.7	0.02	4.0	0.2	<0.05	6	<0.5	<0.2
11CB3232	Soil	11	29	0.80	311	0.126	<1	1.85	0.008	0.20	0.2	0.03	2.8	0.2	<0.05	5	<0.5	<0.2
11CB3233	Soil	8	87	0.75	160	0.088	1	1.58	0.006	0.09	0.1	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
11CB3234	Soil	7	55	0.74	267	0.117	<1	1.79	0.007	0.16	0.2	0.02	2.0	0.1	<0.05	6	<0.5	<0.2
11CB3235	Soil	8	33	0.55	142	0.066	<1	1.52	0.006	0.05	0.2	0.02	2.1	<0.1	<0.05	5	<0.5	<0.2
11CB3236	Soil	8	32	0.50	144	0.055	<1	1.53	0.007	0.04	0.2	0.02	2.0	0.1	<0.05	5	<0.5	<0.2
11CB3237	Soil	6	41	0.51	168	0.060	<1	1.93	0.007	0.04	0.2	0.03	2.4	0.1	<0.05	6	<0.5	<0.2
11CB3238	Soil	7	46	0.68	132	0.068	<1	2.10	0.008	0.04	0.3	0.04	3.2	0.1	<0.05	5	<0.5	<0.2
11CB3239	Soil	9	11	0.24	82	0.051	<1	0.82	0.004	0.09	0.1	0.06	1.5	<0.1	<0.05	3	<0.5	<0.2
11CB3240	Soil	10	11	0.21	97	0.055	<1	0.77	0.003	0.09	<0.1	0.05	1.9	<0.1	<0.05	3	<0.5	<0.2



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Project: Mariposa
Report Date: November 30, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
11CB3241	Soil	0.4	9.1	4.2	19	<0.1	5.9	5.7	221	1.07	3.5	1.0	0.7	5.2	4	<0.1	0.5	<0.1	20	0.06	0.023
11CB3242	Soil	0.7	15.8	5.9	33	<0.1	10.3	5.2	188	1.67	5.5	1.1	2.3	5.4	7	<0.1	0.6	0.1	35	0.06	0.018
11CB3243	Soil	0.6	17.2	5.5	44	0.1	8.8	6.5	244	2.50	4.6	1.0	0.8	2.8	9	<0.1	0.4	0.1	53	0.16	0.067
11CB3244	Soil	0.7	13.5	6.1	38	0.1	9.9	5.8	207	1.87	5.2	0.9	3.4	3.7	11	0.1	0.4	<0.1	37	0.17	0.047
11CB3245	Soil	0.6	14.3	5.2	32	<0.1	9.8	6.4	217	1.79	4.8	0.9	1.7	4.2	9	<0.1	0.4	<0.1	37	0.10	0.027
11CB3246	Soil	0.6	15.6	5.5	39	<0.1	12.6	7.0	284	2.23	5.9	0.7	1.8	3.3	10	<0.1	0.3	0.1	48	0.13	0.031
11CB3247	Soil	0.5	9.8	4.9	29	<0.1	7.7	5.1	232	1.42	3.6	0.7	0.7	4.8	6	<0.1	0.5	<0.1	25	0.08	0.036
11CB3248	Soil	0.6	8.6	3.8	25	<0.1	6.3	4.6	211	1.31	3.6	0.7	<0.5	4.0	5	<0.1	0.5	<0.1	25	0.07	0.031
11CB3249	Soil	0.6	8.5	3.7	25	<0.1	6.5	4.8	212	1.35	3.6	0.6	<0.5	4.4	5	<0.1	0.5	<0.1	24	0.07	0.028
11CB3250	Soil	0.9	9.4	4.0	30	<0.1	6.7	3.3	128	1.20	3.5	1.7	0.9	6.7	8	0.1	0.8	<0.1	21	0.10	0.031
11CB3251	Soil	0.6	11.3	6.2	44	<0.1	11.4	5.4	169	1.70	5.1	1.3	4.5	3.7	12	<0.1	0.5	0.1	31	0.17	0.051
11CB3252	Soil	0.7	15.6	7.1	51	<0.1	14.8	7.0	178	1.96	5.8	2.0	1.8	3.7	17	<0.1	0.6	0.1	37	0.22	0.062
11CB3253	Soil	0.6	20.0	6.9	53	<0.1	16.0	5.8	172	1.97	5.3	2.5	2.6	5.5	18	0.2	0.6	0.2	39	0.24	0.063
11CB3254	Soil	0.6	18.2	6.8	57	<0.1	16.9	6.5	210	2.16	6.1	2.3	3.4	7.8	19	0.2	0.8	0.2	41	0.25	0.054
11CB3255	Soil	0.9	15.2	7.4	52	<0.1	13.2	6.2	186	2.19	7.4	3.0	3.1	7.3	15	0.2	0.7	0.2	40	0.17	0.055
11CB3256	Soil	0.9	14.2	8.5	46	<0.1	12.3	4.9	146	2.26	8.1	3.4	5.1	7.8	14	0.2	1.0	0.2	41	0.14	0.050
11CB3257	Soil	1.7	31.6	13.7	49	0.2	14.6	5.1	206	2.58	15.4	8.1	<0.5	2.8	19	0.2	1.3	0.3	48	0.15	0.073
11CB3258	Soil	1.0	10.0	5.5	38	<0.1	8.9	4.3	172	1.68	19.0	2.1	<0.5	7.2	11	<0.1	2.1	0.1	32	0.11	0.031
11CB3259	Soil	1.2	10.6	6.5	45	<0.1	9.6	4.4	186	1.93	35.5	2.7	<0.5	8.5	11	<0.1	6.2	0.1	36	0.12	0.035
11CB3260	Soil	1.4	10.7	6.5	42	<0.1	9.1	4.7	195	1.90	35.1	2.6	<0.5	8.6	11	<0.1	5.9	0.1	37	0.11	0.033
11CB3261	Soil	1.2	10.6	6.2	40	<0.1	8.4	4.1	180	1.83	33.1	2.5	<0.5	8.2	10	<0.1	5.4	0.2	35	0.11	0.031
11CB3262	Soil	1.4	11.3	7.2	44	<0.1	10.5	4.6	191	1.93	33.5	2.8	2.4	8.4	11	0.2	5.3	0.2	37	0.11	0.032
11CB3263	Soil	1.4	13.6	7.7	49	<0.1	11.2	4.6	192	2.20	32.2	3.2	<0.5	7.5	13	<0.1	4.1	0.2	44	0.12	0.036
11CB3264	Soil	1.4	12.3	8.1	47	<0.1	11.6	4.8	195	2.19	31.6	3.2	1.9	7.4	14	0.1	4.1	0.2	45	0.13	0.033
11CB3265	Soil	1.1	8.5	7.4	38	<0.1	8.4	4.0	188	1.80	5.6	1.9	<0.5	8.6	8	0.1	0.7	0.2	37	0.09	0.027
11CB3039	Soil	0.9	13.5	9.1	55	<0.1	15.2	6.2	269	2.58	8.1	1.2	<0.5	4.3	13	0.2	0.7	0.2	55	0.16	0.051



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Project: Mariposa
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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
11CB3241	Soil	10	8	0.17	90	0.049	<1	0.63	0.003	0.08	<0.1	0.07	1.6	<0.1	<0.05	2	<0.5
11CB3242	Soil	14	17	0.30	160	0.064	<1	1.09	0.004	0.06	<0.1	0.07	2.5	<0.1	<0.05	3	<0.5
11CB3243	Soil	12	18	0.62	211	0.087	<1	1.43	0.007	0.25	0.1	0.08	3.1	0.1	<0.05	5	<0.5
11CB3244	Soil	10	20	0.43	213	0.063	<1	1.16	0.007	0.07	0.2	0.06	2.2	<0.1	<0.05	4	<0.5
11CB3245	Soil	11	18	0.44	161	0.070	<1	1.14	0.005	0.07	<0.1	0.06	2.5	<0.1	<0.05	3	<0.5
11CB3246	Soil	10	59	0.57	185	0.085	<1	1.44	0.007	0.11	<0.1	0.02	2.6	<0.1	<0.05	5	<0.5
11CB3247	Soil	9	17	0.29	109	0.064	<1	0.89	0.005	0.14	0.1	0.08	1.5	0.1	<0.05	3	<0.5
11CB3248	Soil	8	16	0.28	92	0.060	<1	0.79	0.004	0.12	0.1	0.06	1.4	<0.1	<0.05	3	<0.5
11CB3249	Soil	7	16	0.29	89	0.060	<1	0.81	0.004	0.13	0.1	0.04	1.4	0.1	<0.05	3	<0.5
11CB3250	Soil	15	11	0.25	173	0.054	<1	0.69	0.004	0.09	0.1	0.08	1.7	0.1	<0.05	2	<0.5
11CB3251	Soil	13	18	0.36	150	0.048	<1	1.02	0.006	0.05	0.2	0.07	1.8	<0.1	<0.05	3	<0.5
11CB3252	Soil	19	22	0.45	281	0.050	<1	1.17	0.008	0.04	0.2	0.09	2.6	<0.1	<0.05	4	<0.5
11CB3253	Soil	24	23	0.47	271	0.064	<1	1.29	0.013	0.06	0.2	0.09	2.9	<0.1	<0.05	4	<0.5
11CB3254	Soil	24	22	0.53	281	0.077	2	1.24	0.012	0.06	0.3	0.11	3.1	0.1	<0.05	4	<0.5
11CB3255	Soil	27	22	0.48	277	0.076	<1	1.33	0.010	0.10	0.2	0.16	3.0	0.1	<0.05	5	<0.5
11CB3256	Soil	29	21	0.46	357	0.076	2	1.53	0.011	0.12	0.2	0.20	3.2	0.2	<0.05	5	<0.5
11CB3257	Soil	53	26	0.39	795	0.050	2	2.01	0.011	0.10	0.2	0.53	3.2	0.2	<0.05	7	0.8
11CB3258	Soil	20	16	0.34	265	0.066	<1	0.97	0.006	0.10	0.2	0.42	2.3	0.2	<0.05	4	<0.5
11CB3259	Soil	30	19	0.40	270	0.079	<1	1.16	0.006	0.14	0.2	0.79	2.6	0.3	<0.05	5	<0.5
11CB3260	Soil	27	19	0.39	255	0.079	2	1.09	0.006	0.14	0.2	0.64	2.6	0.4	<0.05	5	<0.5
11CB3261	Soil	28	16	0.38	248	0.075	1	1.06	0.006	0.12	0.2	0.60	2.5	0.5	<0.05	5	<0.5
11CB3262	Soil	30	20	0.44	271	0.084	2	1.22	0.007	0.13	0.2	0.62	2.7	0.4	<0.05	6	<0.5
11CB3263	Soil	33	22	0.46	336	0.084	1	1.38	0.007	0.13	0.2	0.70	3.2	0.4	<0.05	6	<0.5
11CB3264	Soil	34	22	0.47	348	0.083	1	1.39	0.008	0.13	0.2	0.64	3.0	0.4	<0.05	6	<0.5
11CB3265	Soil	24	16	0.39	132	0.090	1	1.21	0.006	0.10	0.2	0.07	2.3	0.2	<0.05	6	0.6
11CB3039	Soil	20	26	0.59	145	0.070	2	1.54	0.009	0.12	0.2	0.11	3.0	0.2	<0.05	7	<0.5



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Project: Mariposa
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QUALITY CONTROL REPORT

WHI11001439.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
Pulp Duplicates		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
11CB3007	Soil	0.9	11.2	9.8	29	<0.1	7.4	3.7	155	1.84	6.5	1.1	1.6	3.3	11	<0.1	0.5	0.2	46	0.09
REP 11CB3007	QC	0.9	11.1	10.0	31	<0.1	7.6	3.6	146	1.75	6.4	1.1	2.0	3.3	11	<0.1	0.5	0.2	46	0.09
11CB3023	Soil	1.8	20.3	9.5	55	<0.1	17.1	7.1	279	2.42	7.4	1.8	4.3	11.0	14	0.2	0.6	0.2	42	0.16
REP 11CB3023	QC	1.8	19.7	9.8	56	<0.1	17.0	6.9	278	2.35	7.0	1.7	2.5	11.0	13	0.2	0.6	0.2	40	0.15
11CB3049	Soil	0.6	17.9	9.5	62	<0.1	13.8	9.2	367	2.74	5.2	2.6	3.1	8.3	11	0.1	0.5	0.2	58	0.18
REP 11CB3049	QC	0.8	19.2	9.7	66	<0.1	14.5	9.0	388	2.90	5.2	2.7	<0.5	8.7	12	0.2	0.5	0.2	60	0.18
11CB3063	Soil	1.0	56.6	7.4	50	0.1	19.1	12.6	309	3.51	8.8	0.5	<0.5	2.5	9	0.1	2.0	0.1	81	0.13
REP 11CB3063	QC	0.9	57.9	7.4	49	0.1	19.3	13.4	318	3.65	8.5	0.5	3.1	2.4	9	<0.1	2.0	0.2	85	0.15
11CB3079	Soil	0.9	50.8	13.0	65	0.2	42.8	15.5	375	3.18	8.4	0.7	1.0	4.1	47	<0.1	1.0	0.1	83	0.16
REP 11CB3079	QC	0.8	50.2	12.9	65	0.2	41.4	14.5	347	3.12	8.4	0.6	0.8	3.9	44	0.1	0.9	0.1	81	0.16
11CB3097	Soil	4.7	63.0	8.6	263	0.2	45.1	7.6	344	2.50	41.0	1.1	0.6	2.2	10	1.0	12.6	0.2	167	0.13
REP 11CB3097	QC	4.6	62.8	8.9	268	0.2	44.6	7.9	345	2.52	41.4	1.1	<0.5	2.4	10	1.1	12.6	0.2	169	0.12
11CB3116	Soil	2.0	42.4	7.8	149	0.2	36.0	11.4	278	2.90	51.6	2.1	3.1	3.4	16	0.8	4.0	0.2	61	0.19
REP 11CB3116	QC	2.0	41.9	8.0	146	0.3	35.7	11.4	271	2.91	49.4	2.3	3.9	3.4	15	0.7	4.2	0.1	61	0.18
11CB3142	Soil	2.0	22.1	12.3	146	0.1	21.9	7.2	315	3.74	24.4	2.1	2.7	8.7	16	0.2	2.6	0.2	62	0.09
REP 11CB3142	QC	2.0	22.4	12.6	145	<0.1	21.3	7.0	302	3.57	24.0	2.2	4.3	9.2	15	0.2	2.6	0.2	61	0.09
11CB3158	Soil	2.4	39.1	14.5	69	0.4	29.4	12.1	774	3.92	7.6	1.4	<0.5	4.8	18	0.2	0.5	0.2	72	0.26
REP 11CB3158	QC	2.2	37.2	13.8	66	0.4	27.2	10.8	699	3.53	7.0	1.3	1.2	4.2	17	0.2	0.4	0.2	67	0.24
11CB3164	Soil	1.8	22.8	12.2	60	0.1	18.1	5.3	203	2.59	17.0	0.9	2.2	1.5	9	0.2	1.5	0.3	70	0.07
REP 11CB3164	QC	2.0	22.3	12.1	62	0.1	18.3	5.0	194	2.46	16.9	0.8	2.3	1.5	10	0.2	1.4	0.2	69	0.07
11CB3195	Soil	0.6	12.9	6.7	58	0.1	25.5	6.4	237	2.22	3.8	0.5	3.0	1.7	13	0.1	0.4	0.1	51	0.19
REP 11CB3195	QC	0.6	12.1	6.8	55	0.1	25.1	6.3	237	2.21	3.7	0.5	2.6	1.6	13	0.1	0.3	0.1	51	0.19
11CB3209	Soil	0.6	13.6	7.9	60	<0.1	45.5	10.3	351	2.71	6.4	0.6	2.1	3.3	13	<0.1	0.4	0.1	47	0.18
REP 11CB3209	QC	0.5	13.9	8.2	62	<0.1	47.9	10.9	360	2.80	6.9	0.6	1.2	3.3	14	<0.1	0.4	0.1	51	0.20
11CB3217	Soil	0.9	13.0	9.1	53	<0.1	16.5	6.4	273	2.31	6.6	0.6	3.0	1.3	10	<0.1	0.4	0.2	50	0.13
REP 11CB3217	QC	0.7	12.7	9.0	51	<0.1	15.7	6.2	267	2.21	6.3	0.6	3.8	1.3	10	0.1	0.3	0.2	48	0.12
11CB3252	Soil	0.7	15.6	7.1	51	<0.1	14.8	7.0	178	1.96	5.8	2.0	1.8	3.7	17	<0.1	0.6	0.1	37	0.22
REP 11CB3252	QC	0.7	15.6	7.2	52	<0.1	15.8	7.0	172	2.01	6.0	2.0	4.2	3.7	16	0.1	0.5	0.2	36	0.22



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Project: Mariposa

Report Date: November 30, 2011

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QUALITY CONTROL REPORT

WHI11001439.1

Method Analyte Unit MDL		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
11CB3007	Soil	17	17	0.34	154	0.063	1	1.14	0.006	0.07	0.1	0.04	2.2	0.1	<0.05	6	<0.5	<0.2
REP 11CB3007	QC	17	17	0.34	156	0.065	<1	1.14	0.007	0.07	0.2	0.03	2.2	0.1	<0.05	6	<0.5	<0.2
11CB3023	Soil	14	22	0.44	118	0.073	1	1.29	0.008	0.12	0.2	0.02	2.9	0.1	<0.05	5	<0.5	<0.2
REP 11CB3023	QC	13	20	0.43	114	0.067	1	1.31	0.007	0.11	0.1	0.02	2.8	0.1	<0.05	5	<0.5	<0.2
11CB3049	Soil	39	26	0.73	179	0.109	<1	1.72	0.007	0.35	0.2	0.13	3.9	0.3	<0.05	7	<0.5	<0.2
REP 11CB3049	QC	40	27	0.76	185	0.111	1	1.76	0.007	0.37	0.2	0.12	3.8	0.3	<0.05	7	0.7	<0.2
11CB3063	Soil	7	22	0.74	189	0.068	<1	2.38	0.012	0.07	0.1	0.02	4.0	<0.1	<0.05	7	<0.5	<0.2
REP 11CB3063	QC	7	24	0.76	192	0.072	<1	2.43	0.009	0.07	0.1	0.02	4.2	<0.1	<0.05	7	<0.5	<0.2
11CB3079	Soil	10	114	1.30	379	0.176	1	2.98	0.012	0.12	0.2	0.02	3.3	0.1	<0.05	7	<0.5	<0.2
REP 11CB3079	QC	10	113	1.23	375	0.165	1	2.83	0.010	0.11	0.2	0.02	3.4	0.1	<0.05	7	<0.5	<0.2
11CB3097	Soil	6	45	0.46	285	0.045	<1	1.15	0.005	0.04	0.2	<0.01	2.9	0.2	<0.05	5	1.1	<0.2
REP 11CB3097	QC	6	45	0.48	284	0.042	<1	1.15	0.005	0.04	0.2	<0.01	2.7	0.2	<0.05	5	1.4	<0.2
11CB3116	Soil	15	37	0.42	378	0.048	1	1.26	0.010	0.04	0.1	0.06	6.7	0.3	<0.05	4	<0.5	<0.2
REP 11CB3116	QC	15	36	0.42	376	0.042	<1	1.31	0.009	0.03	0.1	0.07	6.5	0.2	<0.05	4	0.5	<0.2
11CB3142	Soil	25	35	0.51	416	0.084	2	1.98	0.007	0.31	<0.1	0.16	4.8	0.7	<0.05	9	0.7	<0.2
REP 11CB3142	QC	25	35	0.52	409	0.084	1	2.00	0.006	0.31	<0.1	0.17	4.7	0.7	<0.05	9	0.7	<0.2
11CB3158	Soil	26	33	0.90	179	0.145	1	2.10	0.012	0.23	0.1	0.03	3.6	0.3	<0.05	8	0.7	<0.2
REP 11CB3158	QC	24	39	0.86	167	0.132	<1	1.94	0.011	0.21	0.1	0.03	3.3	0.3	<0.05	8	<0.5	<0.2
11CB3164	Soil	11	23	0.20	81	0.043	<1	1.01	0.004	0.04	0.2	0.03	1.7	0.2	<0.05	7	0.8	<0.2
REP 11CB3164	QC	12	21	0.21	81	0.048	<1	1.02	0.004	0.05	0.1	0.03	1.7	0.2	<0.05	6	<0.5	<0.2
11CB3195	Soil	8	58	0.81	285	0.118	<1	1.45	0.008	0.17	0.2	0.03	2.6	0.1	<0.05	6	<0.5	<0.2
REP 11CB3195	QC	8	57	0.76	283	0.115	<1	1.46	0.007	0.17	0.2	0.04	2.5	<0.1	<0.05	6	<0.5	<0.2
11CB3209	Soil	10	92	0.89	301	0.091	<1	1.78	0.007	0.07	0.2	0.02	2.7	0.1	<0.05	5	<0.5	<0.2
REP 11CB3209	QC	10	100	0.88	315	0.095	<1	1.83	0.007	0.07	0.3	0.02	2.8	0.1	<0.05	5	<0.5	<0.2
11CB3217	Soil	8	33	0.60	163	0.081	2	1.50	0.006	0.09	0.2	0.02	1.8	<0.1	<0.05	6	<0.5	<0.2
REP 11CB3217	QC	8	32	0.59	157	0.079	2	1.49	0.006	0.09	0.3	0.03	1.7	0.1	<0.05	6	<0.5	<0.2
11CB3252	Soil	19	22	0.45	281	0.050	<1	1.17	0.008	0.04	0.2	0.09	2.6	<0.1	<0.05	4	<0.5	<0.2
REP 11CB3252	QC	19	22	0.44	291	0.049	<1	1.14	0.008	0.04	0.2	0.10	2.6	0.1	<0.05	4	<0.5	<0.2



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Project: Mariposa

Report Date: November 30, 2011

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QUALITY CONTROL REPORT

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		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
11CB3257	Soil	1.7	31.6	13.7	49	0.2	14.6	5.1	206	2.58	15.4	8.1	<0.5	2.8	19	0.2	1.3	0.3	48	0.15	0.073
REP 11CB3257	QC	1.7	31.0	13.7	47	0.2	13.6	4.9	198	2.50	15.3	7.4	<0.5	2.9	20	0.2	1.3	0.3	46	0.17	0.069
Reference Materials																					
STD DS8	Standard	12.7	111.5	130.3	313	1.8	36.3	7.4	602	2.42	25.5	2.9	108.1	7.4	69	2.2	5.7	7.5	42	0.67	0.078
STD DS8	Standard	13.3	112.9	123.5	322	1.8	39.1	7.5	627	2.51	25.8	2.9	97.3	7.0	76	2.1	6.2	6.6	44	0.71	0.082
STD DS8	Standard	13.4	119.5	128.6	326	1.9	38.9	7.6	629	2.52	25.5	3.1	114.3	7.8	75	2.5	6.2	7.6	44	0.71	0.080
STD DS8	Standard	12.3	105.7	128.2	307	1.9	36.2	7.3	586	2.41	24.2	2.7	129.1	6.8	66	2.4	6.1	6.9	39	0.63	0.080
STD DS8	Standard	12.8	105.5	120.1	308	1.7	36.1	7.3	597	2.36	23.5	2.7	113.8	6.7	68	2.2	5.4	6.6	41	0.64	0.075
STD DS8	Standard	12.3	105.6	126.6	303	1.7	37.0	7.1	597	2.39	23.9	2.8	106.7	6.6	67	2.3	5.3	6.9	41	0.68	0.077
STD DS8	Standard	12.0	102.2	120.8	298	1.8	34.4	7.1	586	2.36	24.4	2.6	107.5	6.5	65	2.2	5.0	6.2	39	0.64	0.075
STD DS8	Standard	12.1	104.6	119.6	302	1.8	36.2	6.8	582	2.33	23.2	2.7	101.0	6.4	60	2.1	5.1	6.5	40	0.64	0.076
STD DS8	Standard	12.4	109.3	120.6	295	1.7	36.5	7.4	580	2.31	24.2	2.6	103.5	6.5	62	2.4	5.3	6.3	41	0.66	0.073
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



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Project: Mariposa

Report Date: November 30, 2011

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QUALITY CONTROL REPORT

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		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Ti ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
11CB3257	Soil	53	26	0.39	795	0.050	2	2.01	0.011	0.10	0.2	0.53	3.2	0.2	<0.05	7	0.8	<0.2
REP 11CB3257	QC	50	26	0.38	760	0.049	2	1.92	0.011	0.11	0.2	0.54	3.6	0.2	<0.05	8	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	115	0.59	266	0.123	3	0.89	0.093	0.41	2.8	0.19	2.6	5.6	0.13	5	4.3	4.8
STD DS8	Standard	17	117	0.64	301	0.120	3	0.99	0.117	0.44	3.0	0.21	2.7	5.6	0.15	5	6.2	4.5
STD DS8	Standard	16	120	0.63	281	0.134	3	0.94	0.094	0.42	3.1	0.19	2.5	5.6	0.18	5	5.3	4.8
STD DS8	Standard	14	109	0.57	268	0.123	3	0.85	0.091	0.40	2.8	0.20	2.3	5.5	0.16	4	4.5	4.9
STD DS8	Standard	16	111	0.59	281	0.115	2	0.90	0.097	0.42	3.0	0.22	2.3	5.3	0.18	4	5.7	4.5
STD DS8	Standard	15	110	0.60	280	0.110	2	0.91	0.097	0.42	3.2	0.19	2.4	5.4	0.14	4	5.3	4.7
STD DS8	Standard	14	107	0.60	268	0.108	3	0.85	0.082	0.40	3.0	0.18	1.9	5.2	0.17	4	5.5	4.5
STD DS8	Standard	13	112	0.59	252	0.106	2	0.80	0.076	0.38	2.9	0.19	1.9	5.0	0.18	4	4.7	4.7
STD DS8	Standard	14	116	0.57	246	0.122	2	0.85	0.087	0.38	2.7	0.18	2.3	5.1	0.13	4	5.0	4.6
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



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Submitted By: Janice Fingler

Receiving Lab: Canada-Whitehorse

Received: September 17, 2011

Report Date: November 16, 2011

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CERTIFICATE OF ANALYSIS

WHI11001440.1

CLIENT JOB INFORMATION

Project: Mariposa
Shipment ID: 11MPS38
P.O. Number
Number of Samples: 243

SAMPLE DISPOSAL

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

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

Invoice To: Pacific Ridge Exploration Ltd.
1100 - 1199 West Hastings Street
Vancouver BC V6E 3T5
Canada

CC: Janice Fingler
Katie Dodd
John Brock

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	242	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	242	Dry at 60C			WHI
RJSV	242	Saving all or part of Soil Reject			WHI
1DX2	242	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



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



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Project: Mariposa
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CERTIFICATE OF ANALYSIS

WHI11001440.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
11YM3000	Soil	1.0	13.5	10.1	50	<0.1	15.7	7.5	326	2.47	8.5	1.1	3.1	4.9	16	<0.1	0.6	0.2	56	0.18	0.064
11YM3001	Soil	0.8	20.1	8.9	62	<0.1	21.8	9.5	393	2.38	8.4	1.1	7.6	9.4	21	0.1	0.7	0.1	52	0.23	0.028
11YM3002	Soil	0.7	15.3	7.3	60	<0.1	19.0	8.7	367	2.26	7.8	1.0	1.9	9.7	17	<0.1	0.7	0.1	51	0.18	0.029
11YM3003	Soil	1.0	16.8	10.1	57	<0.1	18.5	7.8	329	2.40	10.4	1.3	2.1	6.0	17	0.1	0.9	0.1	52	0.17	0.038
11YM3004	Soil	1.1	17.3	11.1	55	<0.1	19.3	8.6	271	2.78	12.4	1.2	3.9	9.0	13	<0.1	0.8	0.2	57	0.12	0.039
11YM3005	Soil	1.1	10.5	12.4	50	<0.1	9.8	6.3	254	2.44	8.8	1.1	1.2	6.8	11	<0.1	2.2	0.3	64	0.10	0.038
11YM3006	Soil	1.3	14.5	10.2	62	<0.1	17.8	9.3	394	2.77	12.2	1.0	4.5	6.7	12	0.1	0.9	0.2	60	0.12	0.042
11YM3007	Soil	0.9	17.3	8.2	63	<0.1	19.4	8.6	336	2.62	8.6	1.2	1.6	12.6	11	<0.1	0.8	0.1	56	0.11	0.026
11YM3008	Soil	0.7	17.1	7.3	58	<0.1	17.3	8.1	382	2.39	8.4	1.3	1.1	12.4	12	<0.1	0.7	0.1	53	0.13	0.030
11YM3009	Soil	1.0	17.0	9.9	54	<0.1	18.1	7.7	302	2.66	11.3	0.9	0.9	8.5	11	<0.1	0.8	0.1	61	0.10	0.023
11YM3010	Soil	1.3	12.6	10.3	59	<0.1	17.4	13.7	976	3.19	13.7	0.7	0.9	5.8	11	0.1	0.9	0.2	66	0.11	0.041
11YM3011	Soil	1.2	17.0	11.7	61	<0.1	20.3	8.5	343	2.82	10.0	1.0	3.5	11.1	11	0.1	0.7	0.2	59	0.11	0.032
11YM3012	Soil	1.3	11.6	10.4	54	<0.1	15.3	6.3	265	2.68	9.8	0.7	2.2	4.8	12	0.2	0.7	0.2	66	0.12	0.039
11YM3013	Soil	1.1	20.8	11.5	59	<0.1	22.1	8.7	312	2.93	11.2	1.3	2.4	13.2	12	0.1	0.8	0.2	59	0.11	0.024
11YM3014	Soil	1.2	14.7	10.7	54	<0.1	17.9	8.2	371	2.74	9.5	1.0	1.3	10.4	12	0.1	0.7	0.2	60	0.13	0.035
11YM3015	Soil	1.0	27.8	10.9	58	<0.1	22.4	9.2	323	2.88	10.5	1.9	2.6	17.0	13	0.1	0.8	0.1	61	0.11	0.018
11YM3016	Soil	0.6	9.0	6.3	40	<0.1	12.7	6.5	274	1.80	5.3	0.9	2.4	9.2	9	<0.1	0.6	<0.1	38	0.11	0.025
11YM3017	Soil	0.9	10.1	7.7	40	<0.1	12.3	5.5	286	2.01	6.9	1.0	0.7	7.0	10	<0.1	0.6	0.1	47	0.11	0.039
11YM3018	Soil	0.9	9.8	7.8	42	<0.1	13.8	5.8	245	2.27	8.3	0.7	<0.5	6.1	11	0.1	0.6	0.1	52	0.11	0.036
11YM3019	Soil	0.9	20.5	9.0	52	<0.1	20.0	8.4	316	2.38	8.3	1.4	1.6	11.2	15	<0.1	0.7	0.1	49	0.15	0.034
11YM3020	Soil	0.8	16.5	8.2	41	<0.1	13.5	6.4	254	2.05	7.4	1.6	2.5	10.6	12	<0.1	0.8	0.1	43	0.11	0.022
11YM3021	Soil	1.2	11.1	10.4	35	<0.1	12.0	5.0	181	2.05	8.1	0.9	1.2	5.6	12	<0.1	0.6	0.2	55	0.11	0.022
11YM3022	Soil	0.8	12.6	9.1	56	<0.1	18.1	7.3	275	2.30	7.5	0.8	1.3	6.7	15	0.1	0.5	0.1	55	0.17	0.040
11YM3023	Soil	0.8	16.8	8.2	56	<0.1	18.7	8.3	301	2.40	7.5	1.2	1.4	7.9	13	0.1	0.6	0.1	52	0.14	0.032
11YM3024	Soil	1.0	16.4	9.1	54	<0.1	19.4	9.8	320	2.64	11.5	1.1	2.3	10.1	11	0.1	1.3	0.1	49	0.12	0.038
11YM3025	Soil	0.9	22.0	11.3	64	<0.1	23.2	10.2	412	2.60	8.4	1.1	2.5	11.9	12	0.2	0.8	0.1	48	0.13	0.033
11YM3026	Soil	0.7	4.2	4.9	36	<0.1	7.2	4.5	341	1.65	3.4	0.7	0.7	5.7	6	<0.1	0.3	<0.1	41	0.10	0.038
11YM3027	Soil	1.0	11.9	13.4	115	<0.1	12.5	23.6	791	5.32	2.7	1.8	1.3	6.9	23	<0.1	7.4	0.2	146	0.41	0.123
11YM3028	Soil	1.2	10.5	11.7	45	<0.1	14.9	6.4	253	2.72	11.1	0.5	2.1	1.0	12	0.1	0.8	0.2	59	0.11	0.041
11YM3029	Soil	0.6	4.9	6.2	41	<0.1	8.5	4.6	253	1.94	2.8	0.8	<0.5	6.0	7	<0.1	0.2	0.1	51	0.15	0.062



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Project: Mariposa
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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11YM3000	Soil	23	31	0.68	261	0.071	3	1.63	0.008	0.09	0.1	0.10	4.5	<0.1	<0.05	7	<0.5	<0.2
11YM3001	Soil	35	31	0.85	348	0.096	3	1.58	0.011	0.13	0.2	0.06	5.8	0.1	<0.05	6	<0.5	<0.2
11YM3002	Soil	31	30	0.84	288	0.092	2	1.57	0.009	0.12	0.1	0.09	5.4	0.1	<0.05	6	<0.5	<0.2
11YM3003	Soil	32	30	0.65	299	0.076	3	1.52	0.009	0.10	0.2	0.59	4.4	0.1	<0.05	6	<0.5	<0.2
11YM3004	Soil	17	33	0.60	184	0.080	2	1.85	0.008	0.07	0.2	0.08	4.1	<0.1	<0.05	6	<0.5	<0.2
11YM3005	Soil	17	25	0.74	186	0.122	2	1.65	0.006	0.18	0.2	0.05	3.9	0.1	<0.05	8	<0.5	<0.2
11YM3006	Soil	15	31	0.70	150	0.089	2	1.69	0.009	0.11	0.2	0.08	3.6	0.1	<0.05	6	<0.5	<0.2
11YM3007	Soil	23	35	0.93	170	0.105	2	2.00	0.009	0.18	0.1	0.10	5.1	0.2	<0.05	7	<0.5	<0.2
11YM3008	Soil	42	33	0.87	190	0.108	1	1.72	0.007	0.16	0.1	0.08	6.3	0.1	<0.05	7	<0.5	<0.2
11YM3009	Soil	16	34	0.61	160	0.094	1	1.75	0.008	0.07	0.1	0.06	4.2	0.1	<0.05	7	<0.5	<0.2
11YM3010	Soil	10	33	0.72	120	0.100	2	1.77	0.008	0.09	0.2	0.03	3.7	0.1	<0.05	8	<0.5	<0.2
11YM3011	Soil	16	34	0.61	171	0.088	2	1.97	0.011	0.08	0.1	0.11	3.9	0.1	<0.05	7	<0.5	<0.2
11YM3012	Soil	14	31	0.54	174	0.089	1	1.61	0.007	0.08	0.2	0.07	3.2	<0.1	<0.05	8	<0.5	<0.2
11YM3013	Soil	23	34	0.61	213	0.087	2	2.05	0.010	0.09	0.2	0.16	4.5	0.1	<0.05	7	<0.5	<0.2
11YM3014	Soil	19	32	0.61	199	0.093	<1	1.77	0.008	0.10	0.2	0.05	3.9	0.1	<0.05	7	<0.5	<0.2
11YM3015	Soil	33	38	0.69	201	0.095	1	2.06	0.009	0.08	0.2	0.15	5.6	0.1	<0.05	6	<0.5	<0.2
11YM3016	Soil	18	24	0.63	124	0.088	<1	1.27	0.008	0.13	0.1	0.06	3.4	0.1	<0.05	5	<0.5	<0.2
11YM3017	Soil	17	24	0.50	147	0.083	<1	1.34	0.008	0.10	0.2	0.03	3.5	0.1	<0.05	6	<0.5	<0.2
11YM3018	Soil	11	27	0.55	145	0.085	<1	1.38	0.007	0.09	0.2	0.05	3.3	<0.1	<0.05	6	<0.5	<0.2
11YM3019	Soil	28	31	0.57	216	0.078	<1	1.50	0.008	0.08	0.1	0.24	4.2	<0.1	<0.05	5	<0.5	<0.2
11YM3020	Soil	25	24	0.46	211	0.066	<1	1.30	0.007	0.06	0.2	0.24	4.0	<0.1	<0.05	5	<0.5	<0.2
11YM3021	Soil	17	24	0.39	193	0.079	<1	1.27	0.006	0.06	0.2	0.07	2.7	<0.1	<0.05	6	<0.5	<0.2
11YM3022	Soil	22	32	0.79	226	0.089	<1	1.65	0.009	0.10	0.1	0.06	4.1	<0.1	<0.05	6	<0.5	<0.2
11YM3023	Soil	49	32	0.83	248	0.094	<1	1.66	0.008	0.15	0.2	0.06	4.8	<0.1	<0.05	6	<0.5	<0.2
11YM3024	Soil	18	32	0.83	192	0.093	<1	1.99	0.008	0.26	0.2	0.09	4.8	0.1	<0.05	7	<0.5	<0.2
11YM3025	Soil	31	26	0.58	175	0.080	<1	1.65	0.009	0.11	0.2	0.06	3.3	0.1	<0.05	5	<0.5	<0.2
11YM3026	Soil	8	19	0.76	102	0.109	<1	1.13	0.007	0.22	0.1	0.03	3.3	<0.1	<0.05	7	<0.5	<0.2
11YM3027	Soil	35	31	1.32	831	0.122	2	2.54	0.008	0.85	0.3	1.37	13.6	0.3	<0.05	9	<0.5	<0.2
11YM3028	Soil	11	26	0.37	131	0.040	<1	1.47	0.006	0.05	0.1	0.06	1.8	<0.1	<0.05	7	<0.5	<0.2
11YM3029	Soil	13	21	0.80	136	0.139	<1	1.28	0.007	0.39	<0.1	0.03	6.2	0.2	<0.05	7	<0.5	<0.2



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	Method Analyte	Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
11YM3030	Soil		0.8	9.6	9.2	42	<0.1	14.3	6.5	226	2.44	8.0	0.8	0.7	8.5	10	<0.1	0.4	0.2	56	0.13	0.041
11YM3031	Soil		0.7	7.0	6.1	39	<0.1	10.0	6.6	267	2.35	6.3	0.7	1.0	6.8	9	<0.1	0.5	0.1	56	0.14	0.052
11YM3032	Soil		0.9	20.0	9.4	47	<0.1	20.8	9.0	276	2.69	9.7	1.0	2.2	12.1	13	0.1	0.6	0.1	52	0.15	0.048
11YM3033	Soil		0.8	15.9	10.1	57	<0.1	18.5	10.4	363	2.90	8.7	0.9	1.4	9.8	11	0.1	0.5	0.1	57	0.12	0.042
11YM3034	Soil		0.8	10.1	8.7	35	<0.1	12.4	6.0	210	2.17	5.9	0.9	2.0	5.4	11	<0.1	0.3	0.1	53	0.14	0.043
11YM3035	Soil		0.7	17.1	8.6	46	<0.1	19.7	8.9	283	2.57	7.4	1.0	1.9	11.9	14	<0.1	1.0	0.1	58	0.18	0.050
11YM3036	Soil		1.2	17.4	11.1	59	<0.1	20.1	9.3	404	2.99	9.0	1.1	4.3	10.2	15	0.1	0.8	0.3	63	0.16	0.051
11YM3037	Soil		1.2	14.8	8.9	69	<0.1	15.9	10.7	560	2.89	6.4	1.5	1.6	13.8	13	0.1	1.3	0.2	54	0.16	0.037
11YM3038	Soil		0.9	12.4	8.6	55	<0.1	14.1	7.9	416	2.45	5.4	1.7	4.6	11.8	10	0.1	0.9	0.1	40	0.13	0.031
11YM3039	Soil		0.9	14.4	12.8	55	<0.1	17.7	9.2	370	2.64	6.9	1.5	3.7	14.7	11	0.1	0.7	0.2	50	0.12	0.030
11YM3040	Soil		1.2	21.9	13.4	64	<0.1	24.1	10.4	393	2.72	9.5	2.2	4.4	18.7	15	0.2	0.9	0.2	51	0.17	0.044
11YM3041	Soil		1.1	13.1	9.7	52	<0.1	13.0	8.0	453	2.72	8.6	1.8	0.9	9.5	11	0.2	0.9	0.2	44	0.11	0.041
11YM3042	Soil		0.8	7.8	9.7	39	<0.1	6.2	5.2	344	1.65	6.9	3.8	2.0	21.1	9	0.1	2.0	0.1	22	0.06	0.017
11YM3043	Soil		1.1	14.4	10.6	47	<0.1	14.7	6.1	251	2.38	8.1	1.9	3.1	4.1	11	0.1	0.6	0.2	42	0.12	0.056
11YM3044	Soil		0.8	21.0	7.6	49	<0.1	20.0	8.5	319	2.33	8.7	2.2	2.9	6.5	18	<0.1	1.1	0.1	43	0.19	0.053
11YM3045	Soil		0.8	17.2	9.3	55	<0.1	17.7	8.3	412	2.52	4.7	1.6	1.7	9.4	17	0.1	0.6	0.1	47	0.17	0.034
11YM3046	Soil		0.5	14.7	9.7	39	<0.1	14.4	7.3	214	2.90	5.8	1.1	1.8	9.1	18	<0.1	1.3	0.2	56	0.26	0.079
11YM3047	Soil		0.6	11.9	14.0	73	<0.1	15.6	8.6	365	3.53	3.6	2.6	4.5	13.3	15	<0.1	0.9	0.1	61	0.24	0.082
11YM3048	Soil		0.8	20.7	9.4	53	<0.1	18.2	8.5	371	2.64	7.9	2.2	4.0	9.5	18	<0.1	1.0	0.2	50	0.20	0.036
11YM3049	Soil		1.1	12.6	11.7	53	<0.1	15.6	8.3	439	2.77	8.1	2.1	4.5	11.2	13	<0.1	0.9	0.2	51	0.14	0.040
11YM3050	Soil		0.8	25.8	9.3	56	<0.1	21.1	8.8	379	2.75	8.4	1.3	2.4	10.1	21	<0.1	1.0	0.2	52	0.23	0.042
11YM3051	Soil		0.7	24.1	8.1	51	0.1	19.5	8.7	357	2.86	7.6	1.4	3.4	10.9	23	<0.1	0.8	0.2	49	0.25	0.042
11YM3052	Soil		0.7	25.1	7.7	85	0.1	21.1	10.4	446	3.37	6.3	0.7	4.7	3.5	17	<0.1	0.7	<0.1	57	0.14	0.022
11YM3053	Soil		0.9	29.7	8.3	79	<0.1	21.0	10.8	471	3.34	7.2	1.1	4.4	4.8	15	<0.1	0.6	0.1	51	0.17	0.043
11YM3054	Soil		0.5	21.7	7.7	77	<0.1	21.6	9.3	390	2.92	5.2	0.5	2.9	2.9	15	<0.1	0.8	<0.1	52	0.15	0.036
11YM3055	Soil		0.7	21.4	9.7	69	<0.1	22.6	9.7	369	3.06	7.5	0.9	4.7	5.1	14	<0.1	1.0	0.2	61	0.14	0.026
11YM3056	Soil		0.7	21.2	8.0	65	<0.1	20.5	9.8	428	2.81	7.2	1.0	2.7	4.8	14	<0.1	0.6	0.1	51	0.17	0.050
11YM3057	Soil		0.7	16.8	8.0	71	<0.1	22.3	10.8	415	2.81	5.4	0.5	2.3	3.4	11	<0.1	0.5	<0.1	51	0.13	0.034
11YM3058	Soil		0.2	12.5	3.8	92	<0.1	20.4	11.6	431	3.16	1.9	0.8	2.8	4.7	27	<0.1	0.2	<0.1	62	0.27	0.078
11YM3059	Soil		1.0	26.4	10.0	63	<0.1	24.7	11.7	467	2.86	9.2	1.0	5.3	5.8	20	<0.1	0.6	0.2	55	0.19	0.036



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11YM3030	Soil	17	26	0.58	129	0.091	<1	1.57	0.007	0.10	0.1	0.02	4.0	<0.1	<0.05	7	<0.5	<0.2
11YM3031	Soil	14	19	0.61	104	0.116	<1	1.25	0.007	0.23	0.1	0.01	4.1	0.2	<0.05	8	<0.5	<0.2
11YM3032	Soil	29	28	0.58	231	0.077	2	1.64	0.008	0.12	0.2	0.05	5.0	0.1	<0.05	5	<0.5	<0.2
11YM3033	Soil	14	31	0.64	131	0.088	<1	1.82	0.008	0.17	0.1	0.03	3.6	0.1	<0.05	6	<0.5	<0.2
11YM3034	Soil	20	31	0.57	135	0.080	<1	1.36	0.006	0.12	0.1	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
11YM3035	Soil	25	42	0.71	205	0.070	2	1.78	0.007	0.11	0.2	0.05	7.3	0.2	<0.05	6	<0.5	<0.2
11YM3036	Soil	23	28	0.67	177	0.080	1	1.83	0.010	0.13	0.2	0.04	3.5	0.2	0.06	7	<0.5	<0.2
11YM3037	Soil	33	21	0.73	219	0.104	1	1.66	0.011	0.31	0.2	0.12	4.3	0.3	<0.05	7	<0.5	<0.2
11YM3038	Soil	27	16	0.47	130	0.072	2	1.22	0.008	0.15	0.2	0.03	3.7	0.3	0.06	5	<0.5	<0.2
11YM3039	Soil	29	23	0.54	147	0.086	<1	1.66	0.010	0.18	0.1	0.03	3.1	0.3	<0.05	6	<0.5	<0.2
11YM3040	Soil	46	27	0.51	185	0.070	2	1.74	0.010	0.12	0.2	0.05	3.7	0.2	0.05	5	0.6	<0.2
11YM3041	Soil	30	19	0.54	135	0.078	1	1.55	0.007	0.21	0.2	0.06	3.0	0.3	<0.05	7	0.5	<0.2
11YM3042	Soil	51	8	0.32	174	0.052	<1	1.01	0.009	0.24	8.0	1.32	2.4	0.4	<0.05	4	<0.5	<0.2
11YM3043	Soil	18	22	0.41	115	0.046	1	1.42	0.009	0.09	0.1	0.09	2.4	0.1	<0.05	5	0.8	<0.2
11YM3044	Soil	23	24	0.48	189	0.060	<1	1.31	0.008	0.08	0.2	0.52	3.3	0.3	<0.05	4	<0.5	<0.2
11YM3045	Soil	44	25	0.66	265	0.109	<1	1.51	0.012	0.22	0.2	0.09	3.8	0.3	<0.05	5	<0.5	<0.2
11YM3046	Soil	29	38	0.83	456	0.088	<1	2.03	0.008	0.35	0.1	0.12	5.7	0.2	<0.05	7	0.6	<0.2
11YM3047	Soil	44	54	1.43	396	0.153	<1	2.35	0.009	1.20	<0.1	0.75	7.9	0.5	<0.05	10	0.6	<0.2
11YM3048	Soil	33	28	0.63	302	0.087	2	1.61	0.012	0.20	0.2	0.32	4.5	0.2	<0.05	6	<0.5	<0.2
11YM3049	Soil	31	26	0.57	167	0.083	1	1.58	0.007	0.17	0.2	0.21	3.3	0.3	<0.05	7	0.5	<0.2
11YM3050	Soil	33	32	0.70	330	0.081	<1	1.82	0.015	0.13	0.2	0.12	5.1	0.2	<0.05	6	<0.5	<0.2
11YM3051	Soil	31	28	0.70	388	0.092	<1	1.70	0.009	0.21	0.2	0.13	4.9	0.2	<0.05	6	<0.5	<0.2
11YM3052	Soil	14	40	1.08	302	0.205	1	2.73	0.012	0.30	0.3	0.05	3.2	0.2	<0.05	7	0.6	<0.2
11YM3053	Soil	17	34	0.88	339	0.155	<1	2.51	0.012	0.25	0.2	0.10	3.7	0.2	<0.05	6	<0.5	<0.2
11YM3054	Soil	6	48	1.21	307	0.193	<1	2.65	0.008	0.35	0.3	0.02	2.3	0.3	<0.05	7	<0.5	<0.2
11YM3055	Soil	14	40	0.86	297	0.144	2	2.48	0.010	0.18	0.3	0.04	3.3	0.2	<0.05	7	<0.5	<0.2
11YM3056	Soil	13	43	0.82	325	0.138	2	2.30	0.012	0.38	0.1	0.04	3.5	0.3	<0.05	6	0.9	<0.2
11YM3057	Soil	8	47	0.88	263	0.160	<1	2.50	0.016	0.43	0.2	0.02	2.3	0.3	<0.05	6	0.5	<0.2
11YM3058	Soil	11	60	1.99	317	0.263	<1	3.03	0.014	1.34	0.3	0.02	2.1	0.6	<0.05	8	<0.5	<0.2
11YM3059	Soil	22	40	0.74	553	0.106	2	1.97	0.016	0.10	0.2	0.05	6.0	0.1	<0.05	6	<0.5	<0.2



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Project: Mariposa
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		Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
11YM3060	Soil		0.6	11.7	5.5	78	<0.1	7.9	7.3	606	2.92	5.3	1.2	3.9	5.6	6	<0.1	1.2	<0.1	44	0.13	0.058
11YM3061	Soil		0.2	30.6	4.5	91	<0.1	21.0	9.8	583	2.98	3.3	0.7	3.6	3.6	16	<0.1	4.1	<0.1	49	0.31	0.070
11YM3062	Soil		0.8	25.1	9.2	136	<0.1	15.0	11.0	551	3.28	5.3	1.2	3.9	6.1	17	0.2	3.1	0.1	56	0.26	0.068
11YM3063	Soil		0.9	41.9	10.6	49	<0.1	19.9	11.3	346	2.98	9.5	0.8	3.3	4.0	13	<0.1	0.5	0.2	66	0.15	0.039
11YM3064	Soil		0.5	11.7	4.5	29	<0.1	16.1	9.0	231	1.87	4.0	0.3	<0.5	1.7	8	<0.1	0.3	<0.1	50	0.29	0.076
11YM3065	Soil		0.3	31.5	3.3	36	<0.1	35.1	16.9	454	2.34	1.1	0.4	<0.5	0.5	11	<0.1	0.6	<0.1	61	0.76	0.073
11YM3066	Soil		1.5	19.5	15.5	64	<0.1	21.8	8.6	347	2.83	10.4	1.4	<0.5	14.1	12	<0.1	0.7	0.2	43	0.09	0.022
11YM3067	Soil		0.8	28.1	9.9	56	<0.1	24.5	10.1	345	2.69	12.1	1.1	2.2	8.0	16	<0.1	0.7	0.2	52	0.12	0.020
11YM3068	Soil		0.7	16.0	23.6	78	<0.1	9.7	5.9	274	3.53	6.9	3.3	3.7	23.3	9	0.2	1.5	0.7	41	0.13	0.022
11YM3069	Soil		0.9	15.4	19.3	77	<0.1	37.3	11.1	333	3.44	8.0	1.9	4.1	18.2	12	<0.1	1.5	0.6	52	0.09	0.018
11YM3070	Soil		1.4	10.5	12.8	61	<0.1	13.5	6.2	453	2.70	6.7	2.9	1.4	22.3	6	0.1	0.8	0.2	20	0.05	0.029
11YM3071	Soil		1.4	12.4	15.2	65	<0.1	12.6	5.7	329	2.66	6.4	3.3	0.8	23.3	6	<0.1	0.7	0.2	21	0.05	0.025
11YM3072	Soil		1.8	34.5	14.6	70	0.1	22.4	10.2	508	3.34	11.5	2.2	4.0	10.6	14	0.1	0.9	0.3	62	0.13	0.043
11YM3073	Soil		1.5	18.0	14.4	64	<0.1	19.3	7.1	322	2.89	8.5	1.5	1.7	15.6	10	0.2	0.9	0.2	45	0.08	0.021
11YM3074	Soil		1.3	22.9	15.1	71	<0.1	21.6	8.2	371	2.96	9.5	1.7	1.6	19.6	13	<0.1	1.0	0.2	49	0.11	0.018
11YM3075	Soil		1.5	11.1	13.0	51	<0.1	11.6	4.7	224	2.21	6.6	1.3	0.9	9.8	10	0.1	1.1	0.2	32	0.07	0.020
11YM3076	Soil		0.4	8.8	4.1	62	<0.1	53.5	18.7	378	3.66	2.7	0.4	<0.5	1.5	12	<0.1	0.9	<0.1	94	0.41	0.085
11YM3077	Soil		0.5	82.7	3.8	41	<0.1	23.3	14.6	448	2.98	3.3	0.2	<0.5	0.7	12	<0.1	0.7	0.2	80	0.46	0.080
11YM3078	Soil		0.8	99.3	5.2	39	<0.1	30.6	15.8	366	3.47	5.0	0.3	0.7	1.0	11	<0.1	1.2	0.2	109	0.34	0.050
11YM3079	Soil		0.8	87.6	8.1	48	<0.1	24.2	12.2	309	2.99	8.8	0.7	4.4	3.2	12	<0.1	1.0	0.2	75	0.16	0.019
11YM3080	Soil		1.7	70.6	7.2	98	0.5	8.6	7.5	365	6.29	1.6	1.8	11.1	3.3	79	0.2	0.2	0.2	65	0.64	0.210
11YM3081	Soil		0.8	65.1	2.9	91	0.3	3.9	10.5	326	6.08	<0.5	0.9	5.9	2.6	59	<0.1	<0.1	<0.1	115	1.07	0.292
11YM3082	Soil		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
11YM3083	Soil		0.9	13.3	2.7	71	<0.1	18.9	19.3	337	3.35	5.1	0.7	0.8	2.5	8	<0.1	0.4	<0.1	84	0.37	0.077
11YM3084	Soil		0.7	18.4	4.0	80	<0.1	25.0	20.0	336	3.75	4.4	0.9	<0.5	2.6	13	0.3	0.2	<0.1	103	0.33	0.055
11YM3085	Soil		2.6	96.3	5.4	303	0.1	103.2	23.0	546	5.57	3.3	1.8	2.0	3.0	28	1.1	0.4	<0.1	119	1.22	0.369
11YM3086	Soil		1.5	61.1	6.2	128	<0.1	38.3	23.1	483	4.08	6.1	0.7	7.7	2.1	16	0.2	0.4	<0.1	74	0.38	0.102
11YM3087	Soil		0.9	28.9	5.0	78	<0.1	35.0	18.7	345	3.55	2.6	0.8	<0.5	3.8	24	0.1	0.2	<0.1	62	0.56	0.161
11YM3088	Soil		1.0	124.4	3.9	136	<0.1	58.7	32.0	633	5.58	2.9	0.6	<0.5	2.7	22	<0.1	0.2	<0.1	167	0.98	0.211
11YM3089	Soil		0.9	21.6	12.0	70	<0.1	25.6	20.7	305	4.09	5.5	0.6	<0.5	2.4	46	0.3	0.3	<0.1	80	0.91	0.332



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11YM3060	Soil	19	22	0.95	265	0.161	<1	2.20	0.007	0.66	0.1	0.33	6.7	0.4	<0.05	8	<0.5	<0.2
11YM3061	Soil	22	51	1.10	610	0.143	3	2.00	0.018	0.51	0.3	0.07	3.9	0.4	<0.05	6	<0.5	<0.2
11YM3062	Soil	25	50	1.00	688	0.142	2	2.04	0.011	0.50	0.3	0.21	7.2	0.3	<0.05	7	<0.5	<0.2
11YM3063	Soil	13	35	0.58	184	0.075	2	2.06	0.011	0.07	0.3	0.05	3.6	0.1	<0.05	6	<0.5	<0.2
11YM3064	Soil	5	35	0.58	90	0.072	<1	1.11	0.021	0.10	1.6	0.02	2.1	0.1	<0.05	4	<0.5	<0.2
11YM3065	Soil	9	71	0.77	269	0.035	<1	1.37	0.014	0.07	0.2	0.03	6.8	<0.1	<0.05	4	<0.5	<0.2
11YM3066	Soil	28	28	0.45	201	0.051	2	2.18	0.019	0.09	0.2	0.05	4.4	0.2	<0.05	6	<0.5	<0.2
11YM3067	Soil	26	31	0.58	191	0.076	1	2.05	0.013	0.08	0.2	0.03	4.9	0.1	<0.05	6	<0.5	<0.2
11YM3068	Soil	44	24	0.33	152	0.058	3	2.12	0.012	0.20	0.2	0.04	7.2	0.6	<0.05	8	<0.5	<0.2
11YM3069	Soil	50	129	1.00	180	0.060	1	2.34	0.009	0.36	3.2	0.09	9.3	0.7	<0.05	10	<0.5	<0.2
11YM3070	Soil	44	11	0.25	136	0.049	2	1.45	0.011	0.23	0.4	0.05	4.4	0.6	<0.05	6	0.6	<0.2
11YM3071	Soil	62	12	0.27	139	0.058	<1	1.47	0.009	0.24	0.7	0.03	4.3	0.5	<0.05	7	<0.5	<0.2
11YM3072	Soil	50	38	0.53	244	0.059	2	2.27	0.014	0.08	0.2	0.07	5.3	0.2	<0.05	7	0.9	<0.2
11YM3073	Soil	20	31	0.41	168	0.052	<1	1.94	0.008	0.12	0.3	0.03	3.7	0.3	<0.05	6	<0.5	<0.2
11YM3074	Soil	19	33	0.44	260	0.041	2	2.06	0.009	0.09	0.2	0.37	3.8	0.1	<0.05	6	<0.5	<0.2
11YM3075	Soil	10	18	0.26	101	0.025	2	1.20	0.008	0.07	0.3	0.21	2.1	0.2	<0.05	5	<0.5	<0.2
11YM3076	Soil	5	114	1.58	404	0.169	<1	2.37	0.020	0.45	0.8	0.01	6.8	0.3	<0.05	8	<0.5	<0.2
11YM3077	Soil	3	64	0.87	112	0.062	<1	1.43	0.030	0.07	8.7	<0.01	4.6	<0.1	<0.05	5	<0.5	<0.2
11YM3078	Soil	2	82	1.29	87	0.111	<1	1.95	0.033	0.04	0.7	<0.01	5.3	<0.1	<0.05	6	<0.5	<0.2
11YM3079	Soil	9	41	0.69	137	0.082	<1	2.01	0.016	0.04	0.6	0.02	4.0	<0.1	<0.05	6	<0.5	<0.2
11YM3080	Soil	18	16	0.77	302	0.117	<1	2.61	0.081	0.62	0.1	<0.01	7.6	0.2	0.53	9	3.5	<0.2
11YM3081	Soil	14	7	1.15	355	0.090	<1	2.85	0.047	1.32	0.1	<0.01	6.8	0.3	0.52	10	1.3	<0.2
11YM3082	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
11YM3083	Soil	9	45	1.24	353	0.115	<1	1.93	0.021	0.31	<0.1	<0.01	6.0	0.2	<0.05	5	<0.5	<0.2
11YM3084	Soil	9	54	1.70	580	0.180	<1	2.53	0.019	0.62	<0.1	<0.01	4.6	0.3	<0.05	7	<0.5	<0.2
11YM3085	Soil	24	65	1.14	1098	0.063	<1	2.28	0.007	0.81	0.2	0.01	3.9	0.8	<0.05	5	2.7	<0.2
11YM3086	Soil	6	39	0.70	432	0.086	<1	1.76	0.012	0.15	0.3	<0.01	4.9	0.4	<0.05	5	1.1	<0.2
11YM3087	Soil	12	87	1.15	1404	0.143	<1	2.29	0.018	0.67	0.2	<0.01	3.8	0.5	<0.05	7	<0.5	<0.2
11YM3088	Soil	11	111	2.06	640	0.158	1	2.95	0.031	0.44	0.2	<0.01	12.9	0.3	<0.05	9	0.7	<0.2
11YM3089	Soil	6	30	1.24	427	0.146	<1	4.06	0.061	0.49	0.2	0.01	4.2	0.2	<0.05	9	<0.5	<0.2



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
11YM3090	Soil	0.9	13.8	10.4	79	<0.1	18.5	17.1	462	4.26	8.2	0.6	<0.5	3.7	20	0.1	0.3	<0.1	75	0.25	0.048
11YM3091	Soil	1.3	27.3	7.6	88	<0.1	25.7	18.5	459	4.06	7.6	0.7	0.7	4.8	53	0.1	0.4	<0.1	69	0.31	0.064
11YM3092	Soil	1.0	24.6	9.2	62	0.2	26.8	11.1	269	2.88	12.1	0.8	1.4	5.6	16	0.1	0.7	0.1	60	0.17	0.037
11YM3093	Soil	1.0	24.6	9.2	61	<0.1	28.6	12.5	270	3.09	11.3	0.6	1.8	4.8	16	0.1	0.6	0.1	62	0.19	0.051
11YM3094	Soil	1.0	33.3	8.1	84	<0.1	26.4	17.4	442	4.26	12.2	0.5	<0.5	3.7	19	0.1	0.7	0.1	73	0.29	0.087
11YM3095	Soil	0.7	21.3	9.0	60	<0.1	24.7	11.5	364	3.12	8.3	1.1	3.4	5.0	20	<0.1	0.4	0.1	57	0.28	0.072
11YM3096	Soil	0.7	21.8	11.7	95	<0.1	19.9	11.9	599	4.00	7.1	1.7	0.9	13.3	22	0.2	0.5	0.1	55	0.37	0.102
11YM3097	Soil	1.1	20.1	11.5	72	<0.1	18.4	9.5	404	3.45	9.4	1.9	<0.5	9.2	17	<0.1	0.5	0.2	55	0.20	0.050
11YM3098	Soil	1.1	19.5	13.1	73	<0.1	19.6	9.9	399	3.37	9.1	1.7	1.8	10.4	17	0.1	0.4	0.2	55	0.20	0.060
11YM3099	Soil	1.2	28.3	15.4	79	<0.1	26.4	11.4	553	3.36	10.0	2.2	2.2	9.8	23	<0.1	0.6	0.2	54	0.27	0.056
11YM3100	Soil	1.1	21.8	13.4	77	<0.1	20.9	10.2	432	3.36	8.0	2.0	1.6	10.7	19	<0.1	0.4	0.1	53	0.27	0.061
11YM3101	Soil	1.2	17.1	18.3	66	<0.1	20.1	8.8	363	3.29	8.6	1.7	1.2	8.8	18	<0.1	0.5	0.2	53	0.23	0.049
11YM3102	Soil	1.4	24.4	13.4	80	<0.1	49.3	15.3	542	3.33	8.5	1.4	2.5	8.0	13	0.2	0.4	0.2	61	0.19	0.055
11YM3103	Soil	2.7	59.1	11.7	123	0.3	33.3	9.4	381	3.87	4.5	2.4	29.1	6.8	26	0.2	0.2	0.3	109	0.18	0.064
11YM3104	Soil	0.9	35.6	11.4	110	<0.1	39.2	14.8	564	3.76	9.4	1.4	4.6	7.1	19	0.2	0.3	0.5	84	0.42	0.088
11YM3105	Soil	0.8	7.6	16.1	69	<0.1	9.6	4.8	224	1.73	6.4	4.5	2.8	23.9	10	0.1	0.6	0.2	20	0.11	0.024
11YM3106	Soil	1.4	13.1	20.7	66	<0.1	15.1	6.4	334	2.62	10.8	2.2	3.3	8.7	11	0.2	0.6	0.5	55	0.09	0.038
11YM3107	Soil	1.3	14.9	20.9	68	<0.1	16.6	6.7	254	2.69	11.9	2.1	1.2	11.3	12	0.2	0.8	0.3	56	0.10	0.020
11YM3108	Soil	1.6	26.4	14.4	67	<0.1	24.6	9.5	344	3.36	11.7	2.8	1.6	16.7	15	0.1	0.7	0.3	59	0.12	0.034
11YM3109	Soil	0.8	22.9	12.1	64	<0.1	18.6	9.0	441	3.38	10.8	6.9	4.5	26.2	23	<0.1	1.1	0.2	44	0.27	0.055
11YM3110	Soil	0.4	18.5	5.8	46	<0.1	14.3	15.8	679	2.94	1.9	3.8	2.6	11.7	21	0.1	1.1	<0.1	48	0.48	0.089
11YM3111	Soil	0.4	67.5	10.4	93	<0.1	31.9	18.3	252	3.95	2.7	0.7	5.1	5.6	11	<0.1	0.1	<0.1	156	0.33	0.097
11YM3112	Soil	0.6	27.4	7.1	48	<0.1	20.5	15.1	328	2.74	6.4	0.6	3.6	2.9	26	<0.1	0.4	<0.1	61	0.37	0.050
11YM3113	Soil	1.4	32.8	10.3	186	<0.1	30.9	15.0	379	3.45	9.6	1.4	3.2	7.2	16	0.4	0.5	0.2	73	0.21	0.064
11YM3114	Soil	1.9	47.8	11.3	134	0.1	39.6	17.0	285	3.22	5.9	1.5	5.6	4.8	21	0.5	0.5	0.2	78	0.26	0.066
11YM3115	Soil	0.7	27.9	9.0	56	<0.1	22.8	9.4	260	2.29	8.2	0.8	2.7	3.8	15	0.1	0.5	0.1	50	0.19	0.027
11YM3116	Soil	1.1	31.8	9.0	71	<0.1	27.4	11.8	354	2.56	8.8	0.9	1.7	3.9	16	0.1	0.5	0.2	59	0.19	0.037
11YM3117	Soil	1.4	42.7	11.6	76	<0.1	29.0	12.5	383	2.91	10.0	1.9	3.5	4.5	18	0.2	0.6	0.2	64	0.17	0.028
11YM3118	Soil	4.1	63.7	14.1	208	0.2	56.3	19.8	748	3.52	33.8	1.5	2.9	5.3	23	0.5	3.4	0.2	104	0.15	0.058
11YM3119	Soil	2.2	38.9	13.5	81	0.2	30.7	14.5	508	3.41	27.6	1.1	3.0	5.4	12	0.3	1.4	0.2	66	0.10	0.038



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Project: Mariposa
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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11YM3090	Soil	7	79	1.56	451	0.219	<1	3.65	0.016	0.46	0.2	<0.01	3.5	0.2	<0.05	9	<0.5	<0.2
11YM3091	Soil	10	94	1.51	604	0.208	<1	3.20	0.015	0.68	0.4	0.01	3.6	0.3	<0.05	8	<0.5	<0.2
11YM3092	Soil	13	51	0.65	322	0.082	1	2.02	0.012	0.08	0.2	0.01	2.9	0.1	<0.05	5	<0.5	<0.2
11YM3093	Soil	10	75	0.80	276	0.094	<1	2.10	0.011	0.15	0.2	0.03	2.7	0.1	<0.05	6	<0.5	<0.2
11YM3094	Soil	9	108	1.60	566	0.192	<1	3.12	0.013	0.68	0.2	<0.01	3.1	0.4	<0.05	8	0.5	<0.2
11YM3095	Soil	17	87	0.80	485	0.092	1	2.00	0.014	0.24	0.1	0.02	4.2	0.2	<0.05	6	<0.5	<0.2
11YM3096	Soil	46	31	0.81	405	0.149	<1	2.15	0.013	0.59	0.2	0.01	6.5	0.5	<0.05	10	<0.5	<0.2
11YM3097	Soil	33	31	0.61	219	0.099	<1	2.05	0.010	0.24	0.1	0.02	5.2	0.3	<0.05	8	<0.5	<0.2
11YM3098	Soil	28	32	0.60	240	0.101	<1	2.13	0.012	0.22	0.1	0.03	5.1	0.3	<0.05	7	<0.5	<0.2
11YM3099	Soil	37	35	0.65	369	0.102	1	1.88	0.018	0.22	0.3	0.04	6.2	0.3	<0.05	7	<0.5	<0.2
11YM3100	Soil	32	31	0.66	271	0.134	<1	1.97	0.011	0.36	0.3	0.02	5.5	0.4	<0.05	7	<0.5	<0.2
11YM3101	Soil	27	33	0.54	258	0.108	1	2.06	0.009	0.22	0.2	0.01	4.3	0.3	<0.05	8	0.6	<0.2
11YM3102	Soil	19	75	0.89	279	0.127	<1	2.30	0.009	0.30	0.2	0.01	3.6	0.3	<0.05	8	<0.5	<0.2
11YM3103	Soil	22	60	0.94	652	0.129	<1	1.97	0.019	0.75	<0.1	<0.01	3.7	0.5	0.15	6	2.0	<0.2
11YM3104	Soil	18	92	1.53	684	0.146	<1	2.75	0.010	0.95	0.1	0.01	5.8	0.6	<0.05	9	0.7	<0.2
11YM3105	Soil	35	17	0.28	104	0.045	<1	1.22	0.005	0.14	<0.1	<0.01	2.7	0.3	<0.05	5	<0.5	<0.2
11YM3106	Soil	20	32	0.41	131	0.067	1	1.81	0.007	0.08	0.1	0.03	3.2	0.2	<0.05	8	<0.5	<0.2
11YM3107	Soil	19	30	0.39	151	0.056	<1	1.93	0.007	0.07	0.1	0.04	3.2	0.2	<0.05	7	<0.5	<0.2
11YM3108	Soil	30	34	0.51	219	0.065	<1	2.28	0.012	0.10	0.1	0.04	3.9	0.2	<0.05	7	<0.5	<0.2
11YM3109	Soil	132	30	0.60	290	0.073	2	1.96	0.007	0.28	0.1	0.06	8.1	0.3	<0.05	7	<0.5	<0.2
11YM3110	Soil	126	45	0.83	218	0.089	<1	1.61	0.014	0.34	<0.1	0.02	5.9	0.4	<0.05	5	<0.5	<0.2
11YM3111	Soil	19	35	1.92	919	0.221	<1	2.94	0.009	0.88	<0.1	<0.01	7.9	0.2	<0.05	10	<0.5	<0.2
11YM3112	Soil	12	34	0.96	238	0.066	<1	1.99	0.013	0.07	<0.1	0.01	3.9	<0.1	<0.05	4	<0.5	<0.2
11YM3113	Soil	12	44	0.78	420	0.109	2	2.24	0.011	0.18	0.1	0.01	4.1	0.2	<0.05	7	1.1	<0.2
11YM3114	Soil	19	44	0.91	455	0.101	2	1.89	0.021	0.28	<0.1	0.02	4.7	0.3	0.10	5	1.0	<0.2
11YM3115	Soil	14	30	0.56	293	0.058	2	1.45	0.010	0.06	0.1	0.03	3.7	<0.1	<0.05	4	<0.5	<0.2
11YM3116	Soil	15	34	0.67	370	0.071	2	1.77	0.010	0.08	0.1	0.02	4.3	<0.1	<0.05	5	<0.5	<0.2
11YM3117	Soil	17	40	0.60	451	0.064	2	1.84	0.011	0.06	0.1	0.03	5.3	<0.1	<0.05	5	0.6	<0.2
11YM3118	Soil	20	62	1.08	471	0.107	1	2.14	0.010	0.32	<0.1	<0.01	4.4	0.5	0.08	6	1.4	<0.2
11YM3119	Soil	13	37	0.57	229	0.062	<1	2.12	0.007	0.10	0.1	0.02	3.5	0.3	<0.05	6	1.1	<0.2



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
11YM3120	Soil	2.6	46.0	14.7	81	0.4	28.9	11.6	481	3.33	15.3	1.5	3.1	5.7	14	0.2	0.9	0.3	72	0.10
11YM3121	Soil	3.6	57.3	12.8	58	0.4	21.3	5.8	273	2.96	15.6	1.8	3.3	4.7	17	0.2	0.9	0.3	59	0.09
11YM3122	Soil	2.6	42.3	11.8	89	0.2	30.0	9.4	505	2.81	20.9	1.4	2.7	5.7	13	0.3	1.3	0.2	56	0.11
11YM3123	Soil	2.4	56.7	13.1	109	<0.1	33.7	11.5	593	3.37	28.6	1.8	3.4	7.6	12	0.2	2.4	0.3	49	0.08
11YM3124	Soil	3.9	73.2	18.7	180	0.2	49.4	13.7	823	3.88	25.8	2.5	3.5	11.3	15	0.4	1.5	0.4	64	0.05
11YM3125	Soil	2.4	50.5	13.6	94	0.2	28.3	9.3	343	2.96	17.2	2.0	3.7	7.0	15	0.2	1.0	0.3	58	0.08
11YM3126	Soil	2.3	41.4	13.8	95	0.1	28.2	9.8	287	3.19	15.0	1.4	2.5	6.9	14	0.2	0.7	0.3	57	0.09
11YM3127	Soil	2.1	45.1	17.0	92	<0.1	34.7	11.4	462	3.15	13.5	2.0	8.2	7.3	23	0.2	0.9	0.2	59	0.20
11YM3128	Soil	2.4	52.4	12.2	105	0.1	32.6	10.4	352	3.21	7.8	1.8	3.5	7.0	14	0.2	0.5	0.2	84	0.10
11YM3129	Soil	2.1	70.2	17.4	155	0.2	44.2	11.6	453	3.38	26.5	2.7	2.7	10.9	18	0.2	0.4	0.3	73	0.20
11YM3130	Soil	1.9	23.5	16.0	76	0.3	23.9	11.9	514	3.00	20.2	1.1	3.4	7.4	10	0.2	0.5	0.2	62	0.11
11YM3131	Soil	1.0	24.0	17.3	82	0.2	22.4	9.8	347	2.70	15.6	1.5	2.5	9.9	15	0.2	0.3	0.2	53	0.18
11YM3132	Soil	1.2	10.9	22.6	67	0.4	10.4	6.4	322	2.59	5.9	0.9	3.3	8.9	13	0.2	0.2	0.6	42	0.18
11YM3133	Soil	1.3	20.4	31.5	72	0.3	17.8	8.2	373	2.87	7.8	1.6	6.0	21.8	15	0.2	0.7	0.5	37	0.17
11YM3134	Soil	1.4	15.2	23.4	60	0.4	16.0	7.3	283	2.82	10.4	0.8	2.7	7.8	13	0.3	0.5	0.4	50	0.12
11YM3135	Soil	1.0	12.1	14.4	58	<0.1	13.5	7.6	304	2.51	7.0	1.2	5.8	11.7	14	0.1	0.4	0.2	40	0.15
11YM3136	Soil	0.9	27.2	14.3	63	<0.1	20.5	9.4	328	2.80	8.5	2.7	5.5	13.6	17	<0.1	0.6	0.2	49	0.16
11YM3137	Soil	0.8	23.1	18.5	71	<0.1	17.2	9.4	377	2.83	6.8	2.5	5.7	16.5	16	<0.1	0.6	0.2	45	0.17
11YM3138	Soil	1.3	55.9	9.8	182	<0.1	24.8	23.4	708	6.70	4.1	2.4	3.7	12.7	39	0.2	0.4	<0.1	83	0.65
11YM3139	Soil	1.3	16.1	10.6	83	<0.1	13.8	14.7	413	3.94	7.8	1.2	2.4	4.5	24	0.2	0.4	0.1	57	0.34
11YM3140	Soil	1.0	13.8	11.3	73	<0.1	11.6	11.8	372	4.05	9.3	1.1	3.3	3.3	18	0.2	0.4	<0.1	54	0.28
11YM3141	Soil	0.9	20.2	9.9	91	<0.1	21.8	12.9	438	3.52	6.9	1.1	2.7	10.8	22	0.2	0.5	0.1	55	0.29
11YM3142	Soil	0.8	14.7	8.7	128	<0.1	13.4	11.9	669	4.43	7.3	1.4	2.2	17.5	14	0.2	0.4	<0.1	53	0.27
11YM3143	Soil	0.9	25.3	14.1	66	<0.1	30.3	12.3	388	2.97	10.2	1.6	4.5	11.7	12	<0.1	0.5	0.1	51	0.17
11YM3144	Soil	1.1	14.1	14.2	74	<0.1	18.7	8.6	270	3.02	9.9	1.1	2.9	8.3	12	0.2	0.5	0.1	50	0.14
11YM3145	Soil	0.9	17.3	11.1	69	<0.1	20.4	9.6	388	2.30	11.8	0.9	2.4	3.8	11	0.2	0.6	0.1	41	0.15
11YM3146	Soil	1.0	11.4	10.5	85	<0.1	16.0	12.2	463	3.29	7.9	0.7	1.7	4.8	14	0.1	0.4	0.1	69	0.21
11YM3147	Soil	1.3	29.0	20.4	78	<0.1	29.6	13.1	533	3.27	25.7	1.9	1.9	7.2	12	0.2	1.1	0.1	54	0.11
11YM3148	Soil	0.9	12.2	14.3	90	<0.1	30.2	18.2	497	3.70	5.0	0.8	1.9	4.6	13	0.2	0.2	<0.1	73	0.21
11YM3149	Soil	1.0	11.8	18.0	54	<0.1	11.1	6.4	490	2.23	642.7	2.7	2.0	6.7	72	0.3	14.4	<0.1	14	0.07



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11YM3120	Soil	14	37	0.53	247	0.065	<1	2.15	0.008	0.07	<0.1	0.02	3.0	0.2	<0.05	7	<0.5	<0.2
11YM3121	Soil	15	27	0.52	171	0.060	1	1.57	0.007	0.12	0.1	0.03	2.8	0.2	0.08	5	1.6	<0.2
11YM3122	Soil	14	32	0.59	194	0.066	1	1.82	0.008	0.13	0.2	0.01	2.9	0.2	<0.05	5	0.6	<0.2
11YM3123	Soil	23	30	0.59	277	0.084	<1	1.62	0.007	0.23	<0.1	0.03	4.2	0.3	<0.05	5	0.8	<0.2
11YM3124	Soil	30	32	0.49	403	0.064	1	1.06	0.005	0.32	<0.1	0.03	4.8	0.5	0.07	4	1.6	<0.2
11YM3125	Soil	24	35	0.50	397	0.064	<1	1.37	0.008	0.12	0.1	0.04	5.0	0.2	0.08	4	1.2	<0.2
11YM3126	Soil	16	36	0.53	224	0.085	<1	1.56	0.006	0.25	<0.1	0.02	2.9	0.3	<0.05	5	1.1	<0.2
11YM3127	Soil	20	37	0.57	426	0.088	<1	1.65	0.009	0.13	0.1	0.04	4.8	0.2	<0.05	5	1.1	<0.2
11YM3128	Soil	20	48	0.80	443	0.132	<1	2.06	0.007	0.35	0.1	0.01	3.6	0.3	<0.05	6	1.5	<0.2
11YM3129	Soil	33	45	0.95	459	0.117	<1	1.88	0.007	0.48	<0.1	0.02	5.3	0.4	0.08	6	1.2	<0.2
11YM3130	Soil	14	36	0.63	216	0.099	2	1.87	0.007	0.20	0.2	0.02	3.4	0.2	<0.05	6	<0.5	<0.2
11YM3131	Soil	22	37	0.69	270	0.097	<1	1.79	0.007	0.25	0.2	0.03	3.5	0.2	<0.05	6	0.6	<0.2
11YM3132	Soil	20	20	0.57	246	0.113	<1	1.62	0.007	0.42	0.5	0.01	2.6	0.4	<0.05	7	<0.5	<0.2
11YM3133	Soil	38	24	0.52	297	0.087	<1	1.65	0.007	0.28	0.3	0.03	3.8	0.3	<0.05	6	0.8	<0.2
11YM3134	Soil	16	29	0.46	223	0.071	1	1.70	0.007	0.13	0.2	0.02	2.6	0.2	<0.05	6	<0.5	<0.2
11YM3135	Soil	30	24	0.44	289	0.085	<1	1.43	0.009	0.22	0.2	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
11YM3136	Soil	39	39	0.56	333	0.090	<1	1.72	0.010	0.22	0.2	0.05	5.6	0.2	<0.05	6	<0.5	<0.2
11YM3137	Soil	42	40	0.63	321	0.110	1	1.76	0.009	0.33	0.2	0.03	6.1	0.3	<0.05	6	1.1	<0.2
11YM3138	Soil	48	41	1.48	1078	0.187	<1	3.40	0.011	1.43	<0.1	0.01	9.3	0.6	0.08	12	0.7	<0.2
11YM3139	Soil	17	25	0.83	325	0.134	<1	2.94	0.015	0.38	0.2	0.03	3.3	0.2	<0.05	9	<0.5	<0.2
11YM3140	Soil	14	23	0.84	326	0.127	<1	2.83	0.010	0.53	<0.1	0.02	2.9	0.3	<0.05	8	0.6	<0.2
11YM3141	Soil	42	47	0.94	301	0.141	2	2.41	0.010	0.57	0.1	0.01	4.6	0.4	<0.05	8	<0.5	<0.2
11YM3142	Soil	38	37	1.06	232	0.153	<1	2.63	0.007	1.15	0.1	<0.01	7.3	0.8	<0.05	12	0.9	<0.2
11YM3143	Soil	30	61	0.57	124	0.060	<1	1.66	0.005	0.14	0.1	0.02	4.1	0.2	<0.05	6	0.7	<0.2
11YM3144	Soil	13	30	0.51	130	0.072	2	2.25	0.007	0.13	0.2	0.02	3.3	0.2	<0.05	6	<0.5	<0.2
11YM3145	Soil	12	23	0.46	116	0.052	<1	1.51	0.007	0.06	0.2	0.04	2.3	0.1	<0.05	4	0.5	<0.2
11YM3146	Soil	12	31	0.73	201	0.103	1	2.19	0.011	0.39	0.1	0.03	3.2	0.4	<0.05	7	<0.5	<0.2
11YM3147	Soil	18	63	0.58	198	0.069	2	1.91	0.008	0.18	0.1	0.08	4.7	0.5	<0.05	5	0.7	<0.2
11YM3148	Soil	9	228	1.79	372	0.146	1	3.00	0.008	0.83	0.2	0.02	3.9	0.4	<0.05	8	0.6	<0.2
11YM3149	Soil	17	9	0.08	427	0.002	5	0.33	0.001	0.11	0.2	2.62	6.9	0.4	<0.05	1	<0.5	<0.2



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
11YM3150	Soil	1.0	15.3	13.2	46	<0.1	14.0	5.6	162	2.39	11.4	1.5	3.8	1.4	12	<0.1	0.5	0.2	46	0.14
11YM3151	Soil	0.9	18.6	13.9	59	<0.1	19.5	8.7	382	2.71	14.8	1.3	2.0	6.5	14	0.1	0.7	0.2	47	0.14
11YM3152	Soil	0.9	19.4	12.5	57	<0.1	18.8	8.4	328	2.62	20.8	1.2	5.3	4.4	15	0.1	0.8	0.2	48	0.15
11YM3153	Soil	1.1	21.7	13.9	57	<0.1	19.4	8.8	329	2.73	30.1	1.2	2.9	5.3	15	0.1	0.8	0.2	54	0.14
11YM3154	Soil	0.9	25.3	11.2	58	<0.1	21.0	8.3	350	2.38	27.2	1.2	4.5	4.9	18	0.2	0.9	0.2	45	0.19
11YM3155	Soil	1.0	23.8	13.1	54	<0.1	18.4	7.3	263	2.35	39.4	1.2	3.8	4.1	17	0.1	1.2	0.2	45	0.15
11YM3156	Soil	0.9	24.6	11.7	56	<0.1	18.3	7.9	281	2.37	41.9	1.2	5.9	4.7	16	0.2	1.5	0.1	45	0.15
11YM3157	Soil	0.9	20.1	11.3	54	<0.1	18.8	7.9	255	2.37	27.1	0.9	4.4	3.6	14	0.2	0.9	0.2	47	0.14
11YM3158	Soil	0.9	28.0	11.9	60	<0.1	21.7	9.3	352	2.49	24.4	1.1	2.8	4.1	17	0.2	0.9	0.2	48	0.16
11YM3159	Soil	0.9	24.7	11.5	56	<0.1	20.7	8.7	289	2.48	22.9	1.1	3.8	4.5	14	0.1	0.8	0.1	48	0.14
11YM3160	Soil	1.0	20.4	12.4	52	<0.1	17.1	6.4	181	2.36	27.2	1.0	4.2	1.6	12	0.1	0.7	0.2	46	0.12
11YM3161	Soil	0.9	22.0	44.6	96	0.2	19.3	7.3	222	3.12	373.8	2.1	7.4	5.6	13	0.1	8.0	0.2	45	0.07
11YM3162	Soil	1.0	21.2	12.5	42	0.1	15.0	5.4	166	1.98	89.1	1.1	8.8	3.6	16	0.1	1.3	0.2	38	0.10
11YM3163	Soil	0.9	20.0	11.2	58	<0.1	22.9	11.7	317	2.72	15.1	0.8	2.2	5.1	12	0.3	0.6	0.2	49	0.11
11YM3164	Soil	1.1	14.4	11.4	55	<0.1	18.7	9.4	272	2.80	13.9	0.7	4.0	4.6	11	0.2	0.6	0.2	50	0.10
11YM3165	Soil	0.8	21.3	14.4	54	<0.1	19.4	9.0	272	2.63	17.3	1.1	4.0	5.0	12	0.2	0.5	0.2	48	0.12
11YM3166	Soil	1.2	25.0	12.8	56	<0.1	21.0	8.1	255	2.56	30.9	1.2	6.4	6.3	11	0.2	0.7	0.2	49	0.09
11YM3167	Soil	1.4	20.6	11.5	58	<0.1	23.3	9.7	227	2.67	34.3	0.7	3.6	4.6	11	0.2	0.7	0.2	58	0.10
11YM3168	Soil	1.6	33.0	15.2	58	0.2	23.4	7.9	251	2.55	42.4	1.4	5.9	3.5	20	0.2	3.2	0.1	47	0.21
11YM3169	Soil	1.9	24.8	39.2	75	0.2	20.2	10.0	476	3.11	20.3	1.5	16.6	7.1	15	0.3	1.4	0.1	56	0.17
11YM3170	Soil	1.5	26.0	18.9	76	0.2	20.3	8.6	389	2.61	20.6	1.3	4.1	6.8	19	0.3	1.6	0.1	46	0.23
11YM3171	Soil	1.4	28.2	18.0	71	0.2	21.3	8.6	321	2.71	27.7	1.2	5.6	5.0	17	0.2	1.8	0.1	49	0.20
11YM3172	Soil	1.3	23.2	16.7	73	0.3	18.1	7.4	292	2.52	13.5	1.6	6.1	4.6	17	0.2	0.9	0.1	48	0.20
11YM3173	Soil	1.1	20.3	19.0	83	0.2	19.9	10.8	447	3.01	7.4	1.9	3.7	8.1	17	0.1	0.4	0.1	52	0.23
11YM3174	Soil	1.0	17.5	16.4	69	0.1	18.3	7.7	298	2.73	9.8	1.3	3.9	4.0	15	0.3	0.6	0.1	49	0.18
11YM3175	Soil	0.9	18.8	22.5	77	0.1	16.3	8.2	405	2.71	8.2	2.9	14.2	10.7	13	<0.1	0.5	0.2	43	0.17
11YM3176	Soil	1.1	22.9	20.0	73	0.2	16.0	7.0	285	2.62	9.5	3.6	4.2	3.7	14	0.1	0.6	0.2	44	0.14
11YM3177	Soil	0.7	15.9	13.3	55	0.1	14.5	5.7	190	2.19	8.2	1.9	4.3	1.9	14	0.2	0.5	0.2	43	0.14
11YM3178	Soil	0.6	19.6	12.3	60	0.1	18.1	6.7	231	2.28	7.1	2.5	2.3	4.0	16	0.2	0.5	0.2	43	0.18
11YM3179	Soil	0.7	19.1	11.5	60	0.1	16.2	7.4	278	2.30	6.1	2.1	3.8	7.5	14	0.2	0.4	0.2	41	0.17



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11YM3150	Soil	16	30	0.44	123	0.040	1	1.48	0.007	0.05	0.2	0.06	2.2	0.2	<0.05	6	0.5	<0.2
11YM3151	Soil	21	30	0.48	149	0.062	2	1.55	0.007	0.08	0.2	0.08	3.3	0.2	<0.05	5	<0.5	<0.2
11YM3152	Soil	17	29	0.48	138	0.061	2	1.59	0.008	0.07	0.2	0.13	3.2	0.2	<0.05	5	0.7	<0.2
11YM3153	Soil	17	31	0.49	194	0.065	1	1.81	0.007	0.08	0.2	0.19	3.9	0.2	<0.05	6	0.7	<0.2
11YM3154	Soil	17	29	0.51	195	0.064	2	1.41	0.009	0.08	0.2	0.23	3.7	0.2	<0.05	4	<0.5	<0.2
11YM3155	Soil	15	29	0.46	169	0.054	<1	1.48	0.009	0.06	0.2	0.40	3.2	0.2	<0.05	5	0.6	<0.2
11YM3156	Soil	16	28	0.48	155	0.062	<1	1.42	0.009	0.06	0.2	0.40	3.3	0.2	<0.05	4	<0.5	<0.2
11YM3157	Soil	12	28	0.47	165	0.051	<1	1.61	0.008	0.05	0.2	0.28	2.8	0.1	<0.05	5	<0.5	<0.2
11YM3158	Soil	15	29	0.49	213	0.056	<1	1.58	0.009	0.05	0.1	0.28	3.6	0.2	<0.05	5	0.8	<0.2
11YM3159	Soil	14	28	0.47	209	0.053	<1	1.56	0.008	0.05	0.1	0.21	3.8	0.1	<0.05	5	1.3	<0.2
11YM3160	Soil	16	26	0.39	123	0.036	<1	1.46	0.007	0.05	0.1	0.12	2.5	0.3	<0.05	5	<0.5	<0.2
11YM3161	Soil	18	21	0.22	121	0.027	<1	1.00	0.005	0.04	0.1	1.49	4.5	0.9	<0.05	4	0.8	<0.2
11YM3162	Soil	17	22	0.34	131	0.032	<1	1.17	0.006	0.05	0.1	0.42	2.9	0.4	<0.05	3	0.8	<0.2
11YM3163	Soil	12	31	0.48	159	0.059	1	2.11	0.010	0.06	0.2	0.07	3.1	0.1	<0.05	4	0.8	<0.2
11YM3164	Soil	10	29	0.46	134	0.058	<1	1.95	0.008	0.05	0.2	0.05	2.7	0.1	<0.05	5	<0.5	<0.2
11YM3165	Soil	13	26	0.45	128	0.053	1	1.67	0.008	0.06	0.1	0.07	2.7	0.1	<0.05	5	<0.5	<0.2
11YM3166	Soil	18	24	0.35	109	0.040	<1	1.30	0.006	0.05	0.2	0.06	2.6	0.1	<0.05	4	0.5	<0.2
11YM3167	Soil	11	30	0.47	155	0.062	2	2.09	0.009	0.06	0.2	0.05	2.9	0.2	<0.05	5	0.9	<0.2
11YM3168	Soil	17	27	0.49	235	0.058	<1	1.50	0.011	0.09	0.2	0.13	3.7	0.2	<0.05	5	0.6	<0.2
11YM3169	Soil	22	34	0.64	185	0.112	<1	1.75	0.009	0.23	1.0	0.05	3.4	0.3	<0.05	6	<0.5	<0.2
11YM3170	Soil	24	30	0.65	199	0.108	<1	1.40	0.010	0.21	0.5	0.04	3.3	0.2	<0.05	5	<0.5	<0.2
11YM3171	Soil	16	29	0.57	173	0.077	1	1.59	0.009	0.13	0.4	0.08	3.2	0.2	<0.05	5	0.8	<0.2
11YM3172	Soil	19	31	0.60	215	0.084	2	1.65	0.008	0.17	0.3	0.07	3.2	0.2	<0.05	6	<0.5	<0.2
11YM3173	Soil	33	54	0.88	260	0.128	<1	1.96	0.009	0.36	0.4	0.04	3.1	0.3	<0.05	7	0.7	<0.2
11YM3174	Soil	27	34	0.60	161	0.088	<1	1.68	0.009	0.17	0.3	0.04	2.4	0.2	<0.05	6	<0.5	<0.2
11YM3175	Soil	49	29	0.62	235	0.109	1	1.68	0.008	0.22	1.1	0.04	3.7	0.3	<0.05	6	0.6	<0.2
11YM3176	Soil	39	28	0.48	230	0.062	<1	1.64	0.008	0.14	0.7	0.05	2.9	0.2	<0.05	6	0.6	<0.2
11YM3177	Soil	20	24	0.43	165	0.047	<1	1.40	0.008	0.06	0.3	0.05	2.2	0.1	<0.05	5	0.5	<0.2
11YM3178	Soil	21	29	0.48	178	0.053	<1	1.52	0.009	0.06	0.3	0.03	2.9	0.1	<0.05	5	0.9	<0.2
11YM3179	Soil	24	26	0.52	165	0.071	1	1.43	0.009	0.09	0.5	0.04	2.8	0.2	<0.05	5	0.7	<0.2



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
11YM3180	Soil	0.7	40.4	9.5	63	0.1	20.9	9.5	273	2.41	5.8	0.9	3.2	3.2	17	<0.1	0.4	0.1	57	0.24
11YM3181	Soil	0.6	74.6	6.7	58	0.1	23.7	9.6	274	2.27	3.7	0.5	3.6	1.8	20	<0.1	0.3	<0.1	57	0.19
11YM3182	Soil	0.8	22.7	7.9	73	0.1	22.8	9.1	409	2.92	6.7	0.7	3.4	3.3	21	0.1	0.3	0.1	49	0.30
11YM3183	Soil	0.7	17.5	8.7	75	<0.1	20.6	8.6	293	2.67	7.1	0.7	4.5	2.7	14	0.2	0.4	0.1	47	0.21
11YM3184	Soil	0.7	22.5	8.4	74	0.1	17.3	9.0	363	2.47	6.1	0.8	11.4	3.5	15	0.2	0.4	0.1	43	0.23
11YM3185	Soil	0.6	18.3	10.5	65	<0.1	17.4	7.9	262	2.41	5.6	0.8	3.1	2.3	14	0.1	0.3	0.1	44	0.19
11YM3186	Soil	0.6	11.5	10.4	50	<0.1	13.0	5.4	204	2.01	5.6	0.5	2.2	0.8	10	0.1	0.3	0.1	48	0.16
11YM3187	Soil	0.7	12.4	17.5	87	<0.1	10.7	5.6	318	2.82	4.6	0.5	2.4	2.1	8	0.1	0.3	0.1	56	0.12
11YM3188	Soil	0.7	9.5	8.1	57	<0.1	13.0	6.6	377	2.53	6.8	0.5	1.1	1.9	10	0.2	0.3	0.1	51	0.14
11YM3189	Soil	0.5	12.5	6.6	58	<0.1	11.1	7.3	299	2.43	4.9	0.7	2.3	2.4	11	0.1	0.2	0.1	46	0.15
11YM3190	Soil	0.7	19.0	8.7	72	<0.1	17.7	10.8	467	2.80	6.2	1.0	4.6	4.4	16	<0.1	0.4	0.1	53	0.22
11YM3191	Soil	0.6	18.9	5.7	67	<0.1	12.4	6.8	336	2.46	4.6	0.5	2.4	2.8	11	0.2	0.3	<0.1	40	0.14
11YM3192	Soil	0.9	23.1	8.0	67	<0.1	24.5	11.6	297	2.61	7.5	0.6	5.0	3.7	16	0.2	0.5	0.1	51	0.22
11YM3193	Soil	0.7	18.5	8.1	70	<0.1	21.0	9.6	414	2.48	6.0	0.6	4.0	3.7	13	0.2	0.3	<0.1	45	0.20
11YM3194	Soil	0.8	20.0	8.6	61	<0.1	21.7	8.0	215	2.39	6.5	0.8	2.6	3.6	16	<0.1	0.4	0.1	44	0.21
11YM3195	Soil	0.5	32.0	10.1	60	0.3	321.8	32.2	1161	3.36	6.7	0.4	1.8	2.2	32	0.3	0.2	0.2	60	0.42
11YM3196	Soil	0.6	25.8	9.8	67	0.2	318.4	32.5	789	3.46	7.6	0.3	1.1	2.0	24	0.3	0.2	0.1	64	0.36
11YM3197	Soil	0.6	11.6	9.1	54	<0.1	15.2	7.8	253	2.76	8.7	0.5	3.0	2.9	11	0.1	0.4	0.1	50	0.15
11YM3198	Soil	0.6	12.7	8.1	76	<0.1	13.4	7.5	371	2.69	6.7	0.8	3.0	3.8	10	0.1	0.3	0.1	49	0.13
11YM3199	Soil	0.5	15.1	6.0	79	<0.1	13.1	8.7	420	2.73	4.5	0.5	2.3	2.3	14	0.2	0.2	<0.1	44	0.19
11YM3200	Soil	0.6	17.7	9.1	74	<0.1	13.7	7.8	361	2.64	6.2	0.9	8.7	4.4	12	0.1	0.3	0.1	48	0.14
11YM3201	Soil	1.0	34.0	36.5	91	<0.1	18.8	12.2	577	3.40	7.9	0.7	11.1	4.1	19	0.1	0.4	0.2	58	0.15
11YM3202	Soil	0.8	43.1	9.1	52	<0.1	33.8	10.8	424	2.67	8.2	0.6	8.2	3.3	13	0.1	0.5	0.1	58	0.17
11YM3203	Soil	0.8	26.1	9.7	57	<0.1	21.5	9.4	307	2.64	10.5	0.8	3.2	4.8	10	<0.1	0.5	0.1	52	0.09
11YM3204	Soil	0.9	36.5	9.4	81	0.1	21.9	11.1	269	2.81	7.9	0.6	3.7	2.9	10	0.2	0.5	0.1	66	0.12
11YM3205	Soil	0.9	16.7	12.7	71	0.2	19.7	9.7	540	2.62	7.8	0.8	1.9	5.6	8	0.2	0.4	0.2	58	0.11
11YM3206	Soil	0.5	19.9	12.5	59	<0.1	20.3	10.7	404	2.58	5.1	1.3	4.1	14.2	9	<0.1	0.4	0.2	47	0.18
11YM3207	Soil	1.1	23.6	13.8	73	<0.1	29.0	12.0	466	3.22	10.8	0.8	1.9	10.7	11	0.1	0.6	0.2	59	0.12
11YM3208	Soil	0.7	16.5	16.7	50	<0.1	17.3	7.5	304	2.14	5.3	1.2	2.6	10.5	9	0.1	0.4	0.2	38	0.13
11YM3209	Soil	0.9	17.2	11.4	50	<0.1	18.8	8.4	276	2.31	7.4	1.1	3.3	10.0	11	0.1	0.4	0.2	48	0.14



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11YM3180	Soil	14	35	0.74	185	0.081	1	1.48	0.011	0.07	0.6	0.03	3.4	0.1	<0.05	5	0.8	<0.2
11YM3181	Soil	8	50	0.85	217	0.079	<1	1.50	0.009	0.14	1.8	0.02	3.2	0.1	<0.05	5	1.0	<0.2
11YM3182	Soil	13	39	0.79	439	0.101	<1	1.73	0.009	0.25	0.5	0.04	2.9	0.1	<0.05	6	1.0	<0.2
11YM3183	Soil	12	47	0.71	216	0.087	<1	1.60	0.009	0.14	0.8	0.02	2.7	0.1	<0.05	5	1.3	<0.2
11YM3184	Soil	14	48	0.76	245	0.102	<1	1.50	0.009	0.21	1.2	0.02	2.8	0.2	<0.05	5	1.1	<0.2
11YM3185	Soil	12	50	0.76	220	0.104	<1	1.66	0.008	0.18	1.9	0.03	2.4	0.2	<0.05	6	1.3	<0.2
11YM3186	Soil	8	44	0.57	152	0.107	<1	1.22	0.008	0.14	1.1	0.04	1.8	0.1	<0.05	7	0.6	<0.2
11YM3187	Soil	6	27	0.77	251	0.203	<1	1.64	0.008	0.35	2.4	0.01	4.0	0.3	<0.05	8	1.0	<0.2
11YM3188	Soil	8	34	0.59	207	0.104	<1	1.47	0.007	0.15	0.4	0.02	2.6	<0.1	<0.05	7	<0.5	<0.2
11YM3189	Soil	11	43	0.71	275	0.112	<1	1.64	0.009	0.27	1.9	0.03	2.6	0.2	<0.05	6	<0.5	<0.2
11YM3190	Soil	19	55	0.90	380	0.117	<1	1.79	0.010	0.29	0.4	0.02	3.8	0.2	<0.05	6	0.8	<0.2
11YM3191	Soil	11	39	0.74	243	0.109	<1	1.57	0.007	0.23	0.7	0.02	2.9	0.1	<0.05	5	0.5	<0.2
11YM3192	Soil	10	44	0.76	222	0.088	<1	1.77	0.010	0.11	0.3	0.04	2.7	0.1	<0.05	5	0.8	<0.2
11YM3193	Soil	11	35	0.81	205	0.107	<1	1.63	0.008	0.17	2.3	0.02	2.7	0.1	<0.05	5	0.9	<0.2
11YM3194	Soil	14	51	0.67	185	0.086	<1	1.59	0.010	0.09	0.3	0.02	3.0	0.1	<0.05	5	0.9	<0.2
11YM3195	Soil	8	1155	3.66	223	0.121	<1	2.77	0.005	0.14	0.1	0.03	7.0	0.2	<0.05	7	1.0	<0.2
11YM3196	Soil	7	1183	3.90	219	0.130	<1	2.94	0.005	0.19	0.1	0.02	6.8	0.2	<0.05	8	0.8	<0.2
11YM3197	Soil	9	26	0.59	199	0.083	<1	1.79	0.009	0.12	0.2	0.04	2.9	0.1	<0.05	6	0.7	<0.2
11YM3198	Soil	10	58	0.80	384	0.125	<1	1.86	0.008	0.31	0.2	0.03	2.9	0.1	<0.05	6	<0.5	<0.2
11YM3199	Soil	9	39	0.90	344	0.143	<1	1.92	0.008	0.49	0.2	0.02	2.1	0.2	<0.05	6	<0.5	<0.2
11YM3200	Soil	14	36	0.75	273	0.122	<1	1.86	0.008	0.24	0.3	0.01	3.1	0.2	<0.05	6	0.7	<0.2
11YM3201	Soil	10	54	0.85	236	0.111	<1	2.09	0.007	0.26	0.4	0.01	3.7	0.2	<0.05	7	0.8	0.7
11YM3202	Soil	9	83	0.86	214	0.065	<1	1.71	0.008	0.08	1.8	0.03	3.2	0.2	<0.05	5	0.5	<0.2
11YM3203	Soil	11	36	0.61	173	0.070	<1	1.83	0.008	0.06	0.9	0.04	3.9	0.1	<0.05	5	0.6	<0.2
11YM3204	Soil	8	43	0.69	161	0.085	<1	1.94	0.010	0.09	2.2	0.04	3.7	0.1	<0.05	6	<0.5	<0.2
11YM3205	Soil	8	38	0.48	163	0.076	<1	1.71	0.010	0.08	0.9	0.03	2.7	0.2	<0.05	6	0.8	<0.2
11YM3206	Soil	26	41	0.72	141	0.115	<1	1.71	0.013	0.30	3.0	<0.01	3.4	0.4	<0.05	6	0.5	<0.2
11YM3207	Soil	10	43	0.63	168	0.081	1	2.19	0.011	0.10	1.0	0.02	3.2	0.1	<0.05	6	0.9	<0.2
11YM3208	Soil	18	30	0.50	139	0.076	<1	1.33	0.011	0.14	1.4	0.01	2.5	0.2	<0.05	4	<0.5	<0.2
11YM3209	Soil	16	30	0.54	150	0.078	<1	1.55	0.012	0.08	1.3	0.01	3.0	0.1	<0.05	5	0.6	<0.2



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	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
11YM3210	Soil																							
11YM3211	Soil																							
11YM3212	Soil																							
11YM3213	Soil																							
11YM3214	Soil																							
11YM3215	Soil																							
11YM3216	Soil																							
11YM3217	Soil																							
11YM3218	Soil																							
11YM3219	Soil																							
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11YM3227	Soil																							
11YM3228	Soil																							
11YM3229	Soil																							
11YM3230	Soil																							
11YM3231	Soil																							
11YM3232	Soil																							
11YM3233	Soil																							
11YM3234	Soil																							
11YM3235	Soil																							
11YM3236	Soil																							
11YM3237	Soil																							
11YM3238	Soil																							
11YM3239	Soil																							



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11YM3210	Soil	22	30	0.50	277	0.061	<1	1.56	0.009	0.07	0.7	0.03	3.4	0.2	<0.05	5	<0.5	<0.2
11YM3211	Soil	14	27	0.45	139	0.053	<1	1.79	0.007	0.06	1.2	0.04	2.5	0.1	<0.05	5	0.5	<0.2
11YM3212	Soil	30	31	0.45	259	0.052	<1	1.87	0.010	0.06	1.2	0.44	4.0	0.1	<0.05	5	<0.5	<0.2
11YM3213	Soil	23	22	0.41	155	0.069	<1	1.12	0.010	0.09	1.4	0.03	2.9	0.1	<0.05	4	<0.5	<0.2
11YM3214	Soil	22	26	0.49	133	0.088	<1	1.33	0.011	0.18	1.1	<0.01	2.5	0.2	<0.05	5	<0.5	<0.2
11YM3215	Soil	26	30	0.57	230	0.096	<1	1.35	0.011	0.16	0.3	0.02	3.4	0.2	<0.05	5	<0.5	<0.2
11YM3216	Soil	35	20	0.51	172	0.075	<1	1.26	0.007	0.18	0.2	0.07	3.0	0.2	<0.05	5	<0.5	<0.2
11YM3217	Soil	20	18	0.49	126	0.063	<1	1.33	0.005	0.13	0.1	0.18	3.2	0.2	0.08	5	0.7	<0.2
11YM3218	Soil	31	25	0.53	162	0.060	1	1.53	0.007	0.06	0.2	0.26	3.5	0.1	0.08	5	1.3	<0.2
11YM3219	Soil	16	17	0.51	118	0.054	<1	1.21	0.005	0.07	0.2	0.17	3.2	0.1	0.08	4	1.5	<0.2
11YM3220	Soil	15	23	0.53	147	0.056	<1	1.44	0.007	0.06	0.3	0.06	3.0	<0.1	0.06	4	0.9	<0.2
11YM3221	Soil	31	19	0.54	181	0.055	<1	1.15	0.006	0.07	0.2	0.12	3.5	0.1	<0.05	4	1.1	<0.2
11YM3222	Soil	19	26	0.55	170	0.064	<1	1.62	0.007	0.05	0.2	0.09	3.0	0.1	0.06	5	0.7	<0.2
11YM3223	Soil	16	13	0.66	104	0.072	<1	1.42	0.005	0.20	0.2	0.05	3.4	0.1	0.07	6	1.3	<0.2
11YM3224	Soil	11	22	0.51	161	0.055	<1	1.65	0.005	0.07	0.2	0.10	2.8	<0.1	0.06	5	0.9	<0.2
11YM3225	Soil	14	14	1.15	139	0.089	<1	1.98	0.006	0.38	0.2	0.05	4.9	0.2	<0.05	9	0.7	<0.2
11YM3226	Soil	31	21	0.82	195	0.077	<1	1.72	0.006	0.17	0.2	0.18	5.1	0.2	<0.05	6	1.0	<0.2
11YM3227	Soil	63	13	0.75	179	0.065	<1	1.26	0.006	0.21	0.1	0.31	5.4	0.3	<0.05	6	0.9	<0.2
11YM3228	Soil	36	15	0.69	158	0.060	<1	1.42	0.005	0.17	0.1	0.34	4.3	0.2	<0.05	5	<0.5	<0.2
11YM3229	Soil	53	30	0.53	284	0.064	<1	1.65	0.008	0.06	0.2	0.23	5.4	<0.1	<0.05	5	1.0	<0.2
11YM3230	Soil	12	10	0.83	94	0.067	<1	1.51	0.005	0.28	0.2	0.12	4.8	0.3	<0.05	7	1.0	<0.2
11YM3231	Soil	39	16	0.73	139	0.072	<1	1.50	0.006	0.15	0.2	0.17	4.9	0.2	<0.05	6	0.9	<0.2
11YM3232	Soil	10	19	0.61	98	0.064	<1	1.44	0.006	0.11	0.2	0.07	3.2	0.2	<0.05	5	1.4	<0.2
11YM3233	Soil	21	23	0.66	174	0.061	1	1.66	0.006	0.08	0.2	0.10	3.9	0.2	<0.05	6	0.7	<0.2
11YM3234	Soil	34	16	0.60	106	0.069	2	1.24	0.005	0.15	0.2	0.08	3.1	0.2	<0.05	5	1.4	<0.2
11YM3235	Soil	36	15	0.55	150	0.073	<1	1.07	0.006	0.19	0.1	0.07	3.0	0.2	<0.05	5	1.0	<0.2
11YM3236	Soil	24	19	0.53	195	0.057	<1	1.17	0.006	0.08	0.1	0.08	3.5	<0.1	<0.05	4	1.0	<0.2
11YM3237	Soil	26	16	0.50	212	0.059	<1	1.08	0.007	0.10	0.1	0.08	3.5	<0.1	<0.05	4	1.5	<0.2
11YM3238	Soil	61	27	0.93	228	0.164	1	1.56	0.010	0.94	0.2	0.04	3.8	0.6	<0.05	8	0.6	<0.2
11YM3239	Soil	22	26	0.54	222	0.086	2	1.39	0.008	0.15	0.2	0.08	4.0	0.1	<0.05	5	<0.5	<0.2



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
11YM3072 Dup	Soil	1.8	19.5	13.2	65	<0.1	18.9	8.4	395	2.98	9.9	1.5	2.5	8.0	9	0.1	0.8	0.2	49	0.07	0.032
11YM3175 Dup	Soil	1.0	16.9	15.4	72	0.1	16.9	7.1	317	2.69	8.7	1.9	1.9	3.9	15	0.2	0.5	0.2	47	0.16	0.057
11YM3186 Dup	Soil	0.9	28.2	39.7	82	<0.1	27.0	11.9	432	3.06	6.7	0.7	2.2	2.9	13	0.2	0.4	0.1	59	0.22	0.059



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CERTIFICATE OF ANALYSIS

WHI11001440.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11YM3072 Dup	Soil	22	33	0.45	172	0.040	1	1.89	0.007	0.08	0.3	0.07	4.2	0.1	<0.05	6	1.3	<0.2
11YM3175 Dup	Soil	38	32	0.62	192	0.068	1	1.69	0.007	0.17	0.9	0.04	2.8	0.2	<0.05	6	1.0	<0.2
11YM3186 Dup	Soil	12	70	1.05	289	0.130	<1	2.07	0.008	0.29	2.0	0.03	3.4	0.3	<0.05	6	1.1	<0.2



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QUALITY CONTROL REPORT

WHI11001440.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
11YM3001	Soil	0.8	20.1	8.9	62	<0.1	21.8	9.5	393	2.38	8.4	1.1	7.6	9.4	21	0.1	0.7	0.1	52	0.23	0.028
REP 11YM3001	QC	0.8	19.9	9.0	61	<0.1	21.3	9.2	380	2.36	7.9	1.1	2.3	9.2	21	<0.1	0.7	0.1	51	0.22	0.028
11YM3018	Soil	0.9	9.8	7.8	42	<0.1	13.8	5.8	245	2.27	8.3	0.7	<0.5	6.1	11	0.1	0.6	0.1	52	0.11	0.036
REP 11YM3018	QC	0.9	9.4	7.6	41	<0.1	13.3	5.7	244	2.26	8.2	0.7	<0.5	5.8	10	0.1	0.6	0.1	51	0.11	0.035
11YM3037	Soil	1.2	14.8	8.9	69	<0.1	15.9	10.7	560	2.89	6.4	1.5	1.6	13.8	13	0.1	1.3	0.2	54	0.16	0.037
REP 11YM3037	QC	1.0	14.7	9.2	68	<0.1	16.3	11.1	583	2.96	6.8	1.6	3.3	13.1	14	0.1	1.1	0.2	57	0.17	0.039
11YM3070	Soil	1.4	10.5	12.8	61	<0.1	13.5	6.2	453	2.70	6.7	2.9	1.4	22.3	6	0.1	0.8	0.2	20	0.05	0.029
REP 11YM3070	QC	1.5	11.4	13.0	62	<0.1	13.1	5.9	453	2.61	6.7	3.0	1.0	22.1	6	0.1	0.8	0.2	19	0.06	0.030
11YM3072	Soil	1.8	34.5	14.6	70	0.1	22.4	10.2	508	3.34	11.5	2.2	4.0	10.6	14	0.1	0.9	0.3	62	0.13	0.043
REP 11YM3072	QC	1.7	35.1	14.3	71	0.2	22.9	10.2	501	3.32	11.2	2.2	4.4	10.7	14	0.2	0.7	0.3	62	0.12	0.040
11YM3091	Soil	1.3	27.3	7.6	88	<0.1	25.7	18.5	459	4.06	7.6	0.7	0.7	4.8	53	0.1	0.4	<0.1	69	0.31	0.064
REP 11YM3091	QC	1.2	26.0	7.5	90	<0.1	25.2	18.7	454	3.96	7.3	0.7	<0.5	4.6	52	0.1	0.4	<0.1	67	0.29	0.061
11YM3124	Soil	3.9	73.2	18.7	180	0.2	49.4	13.7	823	3.88	25.8	2.5	3.5	11.3	15	0.4	1.5	0.4	64	0.05	0.035
REP 11YM3124	QC	3.8	72.8	19.0	176	0.2	48.2	12.9	763	3.63	24.5	2.6	5.1	11.5	14	0.5	1.4	0.3	61	0.05	0.033
11YM3132	Soil	1.2	10.9	22.6	67	0.4	10.4	6.4	322	2.59	5.9	0.9	3.3	8.9	13	0.2	0.2	0.6	42	0.18	0.072
REP 11YM3132	QC	1.1	10.6	21.7	66	0.4	9.9	5.9	302	2.57	5.5	0.8	2.3	8.2	13	0.2	0.2	0.6	42	0.19	0.069
11YM3157	Soil	0.9	20.1	11.3	54	<0.1	18.8	7.9	255	2.37	27.1	0.9	4.4	3.6	14	0.2	0.9	0.2	47	0.14	0.036
REP 11YM3157	QC	0.9	20.1	11.9	53	<0.1	19.5	8.2	260	2.49	28.6	1.0	4.1	3.9	15	0.2	0.9	0.2	49	0.15	0.037
11YM3163	Soil	0.9	20.0	11.2	58	<0.1	22.9	11.7	317	2.72	15.1	0.8	2.2	5.1	12	0.3	0.6	0.2	49	0.11	0.031
REP 11YM3163	QC	1.1	20.7	11.7	60	<0.1	25.3	12.4	325	2.82	15.5	0.9	4.6	5.5	14	0.3	0.6	0.2	52	0.12	0.031
11YM3191	Soil	0.6	18.9	5.7	67	<0.1	12.4	6.8	336	2.46	4.6	0.5	2.4	2.8	11	0.2	0.3	<0.1	40	0.14	0.035
REP 11YM3191	QC	0.6	19.3	6.2	68	<0.1	13.0	7.2	365	2.57	5.0	0.5	4.5	3.2	11	0.2	0.3	0.1	43	0.16	0.039
11YM3205	Soil	0.9	16.7	12.7	71	0.2	19.7	9.7	540	2.62	7.8	0.8	1.9	5.6	8	0.2	0.4	0.2	58	0.11	0.035
REP 11YM3205	QC	0.9	16.3	13.1	68	0.2	19.2	9.7	530	2.56	7.4	0.8	4.6	5.7	8	0.2	0.4	0.2	56	0.11	0.034
11YM3217	Soil	0.9	15.0	7.0	41	<0.1	12.4	5.8	198	1.94	6.4	1.4	1.3	9.8	7	<0.1	1.2	0.2	31	0.06	0.012
REP 11YM3217	QC	1.0	15.3	7.0	40	<0.1	12.7	6.0	198	1.96	6.0	1.5	1.8	9.9	7	<0.1	1.1	0.2	31	0.06	0.013
11YM3230	Soil	0.8	17.1	6.2	37	<0.1	6.0	5.6	185	1.88	6.7	1.8	<0.5	13.3	4	<0.1	3.0	0.2	21	0.04	0.013
REP 11YM3230	QC	1.1	17.6	6.3	38	<0.1	5.5	5.6	186	1.88	6.9	1.7	2.9	13.4	5	<0.1	2.9	0.2	22	0.04	0.015



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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
11YM3001	Soil	35	31	0.85	348	0.096	3	1.58	0.011	0.13	0.2	0.06	5.8	0.1	<0.05	6	<0.5	<0.2
REP 11YM3001	QC	34	31	0.85	346	0.098	2	1.58	0.014	0.13	0.1	0.07	5.9	0.1	<0.05	5	<0.5	<0.2
11YM3018	Soil	11	27	0.55	145	0.085	<1	1.38	0.007	0.09	0.2	0.05	3.3	<0.1	<0.05	6	<0.5	<0.2
REP 11YM3018	QC	11	27	0.54	143	0.084	<1	1.35	0.006	0.09	0.2	0.05	3.2	<0.1	<0.05	6	<0.5	<0.2
11YM3037	Soil	33	21	0.73	219	0.104	1	1.66	0.011	0.31	0.2	0.12	4.3	0.3	<0.05	7	<0.5	<0.2
REP 11YM3037	QC	32	22	0.76	218	0.108	<1	1.72	0.009	0.32	0.2	0.09	4.1	0.4	<0.05	6	<0.5	<0.2
11YM3070	Soil	44	11	0.25	136	0.049	2	1.45	0.011	0.23	0.4	0.05	4.4	0.6	<0.05	6	0.6	<0.2
REP 11YM3070	QC	45	13	0.26	137	0.054	1	1.59	0.014	0.23	0.4	0.06	4.5	0.6	<0.05	6	0.5	<0.2
11YM3072	Soil	50	38	0.53	244	0.059	2	2.27	0.014	0.08	0.2	0.07	5.3	0.2	<0.05	7	0.9	<0.2
REP 11YM3072	QC	49	37	0.52	240	0.060	2	2.22	0.012	0.07	0.2	0.09	5.5	0.2	<0.05	7	<0.5	<0.2
11YM3091	Soil	10	94	1.51	604	0.208	<1	3.20	0.015	0.68	0.4	0.01	3.6	0.3	<0.05	8	<0.5	<0.2
REP 11YM3091	QC	10	92	1.50	597	0.200	<1	3.17	0.015	0.67	0.2	0.01	3.3	0.3	<0.05	7	0.7	<0.2
11YM3124	Soil	30	32	0.49	403	0.064	1	1.06	0.005	0.32	<0.1	0.03	4.8	0.5	0.07	4	1.6	<0.2
REP 11YM3124	QC	30	30	0.50	400	0.060	<1	1.04	0.005	0.32	<0.1	0.03	4.7	0.5	0.07	4	1.1	<0.2
11YM3132	Soil	20	20	0.57	246	0.113	<1	1.62	0.007	0.42	0.5	0.01	2.6	0.4	<0.05	7	<0.5	<0.2
REP 11YM3132	QC	21	20	0.53	251	0.117	<1	1.52	0.007	0.44	0.4	0.01	2.7	0.4	<0.05	7	<0.5	<0.2
11YM3157	Soil	12	28	0.47	165	0.051	<1	1.61	0.008	0.05	0.2	0.28	2.8	0.1	<0.05	5	<0.5	<0.2
REP 11YM3157	QC	13	29	0.48	171	0.054	1	1.66	0.009	0.06	0.1	0.27	3.0	0.2	<0.05	5	<0.5	<0.2
11YM3163	Soil	12	31	0.48	159	0.059	1	2.11	0.010	0.06	0.2	0.07	3.1	0.1	<0.05	4	0.8	<0.2
REP 11YM3163	QC	13	32	0.51	166	0.066	2	2.23	0.010	0.06	0.2	0.07	3.4	0.1	<0.05	5	0.5	<0.2
11YM3191	Soil	11	39	0.74	243	0.109	<1	1.57	0.007	0.23	0.7	0.02	2.9	0.1	<0.05	5	0.5	<0.2
REP 11YM3191	QC	11	41	0.78	252	0.117	<1	1.64	0.010	0.24	0.6	<0.01	3.0	0.1	<0.05	5	0.7	<0.2
11YM3205	Soil	8	38	0.48	163	0.076	<1	1.71	0.010	0.08	0.9	0.03	2.7	0.2	<0.05	6	0.8	<0.2
REP 11YM3205	QC	8	36	0.47	165	0.075	<1	1.70	0.009	0.08	0.9	0.02	2.7	0.1	<0.05	6	<0.5	<0.2
11YM3217	Soil	20	18	0.49	126	0.063	<1	1.33	0.005	0.13	0.1	0.18	3.2	0.2	0.08	5	0.7	<0.2
REP 11YM3217	QC	20	18	0.50	128	0.067	2	1.39	0.005	0.13	0.1	0.17	3.3	0.2	0.08	5	1.0	<0.2
11YM3230	Soil	12	10	0.83	94	0.067	<1	1.51	0.005	0.28	0.2	0.12	4.8	0.3	<0.05	7	1.0	<0.2
REP 11YM3230	QC	12	10	0.87	96	0.069	<1	1.56	0.005	0.29	0.2	0.13	4.9	0.3	<0.05	7	0.8	<0.2



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QUALITY CONTROL REPORT

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		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
Reference Materials																					
STD DS8	Standard	11.5	102.7	117.8	291	1.7	34.9	6.7	572	2.30	23.8	2.8	123.9	6.7	63	2.3	5.0	5.7	38	0.64	0.077
STD DS8	Standard	11.6	95.5	119.4	290	1.7	32.6	6.3	552	2.25	23.8	2.6	106.0	6.7	61	1.9	4.9	5.9	36	0.65	0.072
STD DS8	Standard	11.9	107.9	125.3	307	1.8	35.7	7.3	602	2.40	25.0	2.8	112.3	6.1	64	2.3	5.4	6.7	42	0.67	0.079
STD DS8	Standard	13.5	110.4	124.9	309	1.9	37.2	7.4	616	2.43	25.6	2.6	110.2	6.5	82	2.6	6.0	6.6	42	0.67	0.077
STD DS8	Standard	12.2	106.3	125.9	309	1.8	35.4	7.1	585	2.46	24.7	3.0	131.2	7.2	71	2.0	5.6	6.9	40	0.69	0.077
STD DS8	Standard	12.3	108.3	118.6	296	1.6	36.6	7.3	586	2.34	24.7	2.6	107.7	6.5	62	2.4	5.3	6.2	41	0.63	0.078
STD DS8	Standard	12.7	107.8	119.6	304	1.9	37.6	7.6	576	2.39	23.6	2.8	98.0	6.9	65	2.3	5.4	6.9	41	0.63	0.077
STD DS8	Standard	13.8	125.4	125.7	322	1.8	40.9	7.9	600	2.44	24.9	2.8	105.9	6.8	69	2.5	6.2	7.3	45	0.66	0.077
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



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		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Reference Materials																	
STD DS8	Standard	14	107	0.59	269	0.113	2	0.86	0.087	0.39	2.9	0.19	2.1	5.1	0.13	5	5.6
STD DS8	Standard	13	102	0.59	258	0.106	2	0.85	0.089	0.39	2.6	0.19	2.0	5.1	0.13	4	4.8
STD DS8	Standard	12	117	0.63	262	0.104	2	0.88	0.087	0.40	3.0	0.20	2.0	5.4	0.18	4	5.2
STD DS8	Standard	15	115	0.61	298	0.124	2	0.99	0.097	0.45	2.9	0.19	2.7	5.3	0.11	5	5.0
STD DS8	Standard	16	113	0.60	287	0.110	2	0.94	0.105	0.42	2.9	0.20	2.5	5.5	0.15	5	4.6
STD DS8	Standard	14	113	0.58	267	0.113	2	0.86	0.086	0.41	2.9	0.18	2.6	5.1	0.16	4	5.1
STD DS8	Standard	15	116	0.59	262	0.113	2	0.90	0.086	0.38	2.9	0.18	1.9	5.2	0.15	5	5.9
STD DS8	Standard	15	120	0.60	271	0.126	3	0.89	0.091	0.38	2.9	0.20	2.4	5.4	0.19	5	4.6
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5



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Submitted By: Janice Fingler

Receiving Lab: Canada-Whitehorse

Received: September 17, 2011

Report Date: November 19, 2011

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CERTIFICATE OF ANALYSIS

WHI11001441.1

CLIENT JOB INFORMATION

Project: Mariposa
Shipment ID: 11MPS40
P.O. Number
Number of Samples: 258

SAMPLE DISPOSAL

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

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

Invoice To: Pacific Ridge Exploration Ltd.
1100 - 1199 West Hastings Street
Vancouver BC V6E 3T5
Canada

CC: Janice Fingler
Katie Dodd
John Brock

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	258	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	258	Dry at 60C			WHI
RJSV	258	Saving all or part of Soil Reject			WHI
1DX2	257	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



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



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Project: Mariposa
Report Date: November 19, 2011

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CERTIFICATE OF ANALYSIS

WHI11001441.1

	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
11AN3000	Soil				1.2	13.4	11.2	63	<0.1	17.6	8.6	295	2.88	9.5	0.8	2.9	6.5	11	0.2	0.6	0.2	57	0.12	0.042
11AN3001	Soil				1.1	21.1	12.1	63	<0.1	19.2	8.9	365	2.58	7.4	1.7	1.5	16.5	11	0.1	0.8	0.2	49	0.12	0.025
11AN3002	Soil				1.1	17.2	12.0	59	<0.1	18.6	9.4	370	2.68	10.0	1.0	2.4	14.3	9	0.1	0.6	0.2	51	0.10	0.032
11AN3003	Soil				1.0	22.0	11.9	63	<0.1	20.8	10.2	445	2.66	9.0	1.7	2.9	16.9	11	<0.1	0.7	0.2	50	0.11	0.029
11AN3004	Soil				1.6	19.4	17.6	59	0.2	18.1	8.6	412	2.80	9.6	1.3	2.3	8.9	11	0.2	0.7	0.2	56	0.10	0.048
11AN3005	Soil				1.1	21.3	12.6	59	<0.1	19.9	9.1	324	2.73	9.7	1.3	4.5	12.3	12	<0.1	0.7	0.2	52	0.10	0.021
11AN3006	Soil				0.8	12.2	10.1	48	<0.1	12.1	9.1	433	2.52	6.2	1.5	1.4	14.2	9	<0.1	1.2	0.2	52	0.14	0.059
11AN3007	Soil				0.9	20.3	13.4	53	<0.1	19.0	8.5	284	2.57	8.6	1.7	1.3	14.5	9	<0.1	0.6	0.2	51	0.08	0.019
11AN3008	Soil				0.7	17.8	9.8	51	<0.1	22.4	10.6	292	2.60	8.8	0.9	1.4	8.7	12	<0.1	0.5	0.2	54	0.14	0.026
11AN3009	Soil				1.0	24.7	11.9	60	<0.1	25.1	10.3	398	2.73	8.3	1.4	1.9	7.9	19	0.1	0.7	0.2	55	0.23	0.052
11AN3010	Soil				1.0	18.6	12.1	51	<0.1	20.9	9.4	325	2.83	8.4	1.3	2.6	6.5	18	<0.1	0.6	0.2	61	0.21	0.056
11AN3011	Soil				1.0	14.5	12.3	51	<0.1	19.3	9.9	327	2.67	10.9	0.9	2.7	7.0	12	<0.1	0.5	0.2	52	0.11	0.034
11AN3012	Soil				0.7	16.0	11.5	45	<0.1	15.5	7.0	228	2.43	7.5	1.3	2.6	3.7	10	<0.1	0.7	0.2	51	0.12	0.041
11AN3013	Soil				1.2	9.8	10.5	45	<0.1	12.0	14.9	799	2.59	8.5	0.8	0.6	4.5	10	0.2	0.7	0.2	57	0.09	0.053
11AN3014	Soil				1.1	12.9	12.6	55	<0.1	15.8	7.6	279	2.86	9.7	0.9	3.6	6.8	10	0.1	0.6	0.2	59	0.09	0.033
11AN3015	Soil				1.0	14.5	13.1	64	<0.1	14.6	8.1	293	2.56	8.1	1.0	0.9	8.0	11	0.1	0.6	0.2	59	0.09	0.023
11AN3016	Soil				1.4	16.1	20.6	65	<0.1	16.4	11.5	764	3.12	9.3	1.2	1.2	8.3	11	0.2	0.6	0.3	63	0.11	0.060
11AN3017	Soil				1.1	16.7	15.7	65	0.1	16.2	6.5	267	2.78	10.5	1.2	1.4	11.8	9	0.1	1.0	0.3	59	0.09	0.027
11AN3018	Soil				0.9	27.5	16.5	76	0.1	13.6	7.2	531	2.19	6.4	2.4	0.8	14.8	12	0.2	1.2	0.3	45	0.21	0.045
11AN3019	Soil				1.0	39.2	13.9	58	<0.1	18.1	7.2	342	2.52	8.7	3.0	1.6	19.1	12	0.1	1.3	0.2	47	0.13	0.023
11AN3020	Soil				1.0	12.1	10.0	49	<0.1	11.3	4.7	233	2.32	6.6	1.2	1.1	10.6	8	<0.1	1.5	0.2	48	0.09	0.025
11AN3021	Soil				1.2	10.7	11.3	48	<0.1	12.8	4.8	203	2.67	10.9	0.7	<0.5	6.1	10	<0.1	1.1	0.2	58	0.09	0.029
11AN3022	Soil				1.0	15.3	10.4	51	<0.1	10.8	9.3	547	1.92	5.9	2.1	<0.5	18.8	6	<0.1	2.2	0.1	52	0.11	0.066
11AN3023	Soil				0.9	10.6	11.3	40	<0.1	4.4	4.6	261	1.63	2.7	3.2	1.0	33.4	5	0.1	1.0	0.2	18	0.04	0.022
11AN3024	Soil				1.4	18.5	12.2	58	<0.1	18.8	9.3	365	2.96	8.9	1.9	0.6	11.3	12	0.2	0.9	0.2	48	0.11	0.030
11AN3025	Soil				1.0	22.3	12.9	58	<0.1	18.7	8.4	346	2.65	9.5	1.7	1.5	8.3	16	0.2	0.8	0.2	47	0.15	0.035
11AN3026	Soil				1.2	19.2	11.7	60	<0.1	18.4	8.7	349	2.89	9.1	1.7	3.5	10.7	12	0.2	0.7	0.2	47	0.12	0.030
11AN3027	Soil				1.1	11.2	12.6	64	<0.1	13.6	10.0	609	3.05	6.8	1.8	0.9	14.3	9	0.2	0.7	0.2	42	0.11	0.040
11AN3028	Soil				1.1	13.4	13.2	50	<0.1	12.7	6.5	293	3.15	8.6	1.8	1.0	7.6	10	0.1	1.0	0.2	52	0.08	0.025
11AN3029	Soil				1.1	19.6	12.0	57	<0.1	16.6	8.4	352	2.53	6.9	2.5	2.3	10.8	12	0.1	0.9	0.2	39	0.10	0.034



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Project: Mariposa
Report Date: November 19, 2011

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CERTIFICATE OF ANALYSIS

WHI11001441.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11AN3000	Soil	12	26	0.45	159	0.061	1	1.78	0.007	0.07	0.1	0.04	3.0	0.1	<0.05	6	<0.5	<0.2
11AN3001	Soil	37	27	0.54	154	0.085	1	1.62	0.006	0.12	0.1	0.04	3.9	0.2	<0.05	6	<0.5	<0.2
11AN3002	Soil	18	28	0.47	157	0.055	<1	1.60	0.005	0.06	0.1	0.04	3.0	0.1	<0.05	5	<0.5	<0.2
11AN3003	Soil	41	29	0.51	208	0.074	1	1.67	0.007	0.10	0.1	0.05	4.4	0.2	<0.05	5	<0.5	<0.2
11AN3004	Soil	20	28	0.40	182	0.058	1	1.67	0.007	0.08	0.1	0.05	2.7	0.1	<0.05	6	<0.5	<0.2
11AN3005	Soil	26	29	0.50	193	0.074	<1	1.71	0.010	0.07	0.1	0.04	4.0	0.1	<0.05	6	<0.5	<0.2
11AN3006	Soil	35	23	0.74	138	0.082	<1	1.63	0.005	0.28	0.2	0.10	5.3	0.3	<0.05	7	0.5	<0.2
11AN3007	Soil	38	28	0.54	181	0.077	<1	1.77	0.006	0.07	0.1	0.07	5.0	0.2	<0.05	6	<0.5	<0.2
11AN3008	Soil	19	33	0.65	167	0.094	1	1.68	0.007	0.12	0.1	0.03	3.4	0.2	<0.05	5	<0.5	<0.2
11AN3009	Soil	33	39	0.74	309	0.096	<1	1.58	0.008	0.16	0.1	0.07	4.9	0.2	<0.05	6	<0.5	<0.2
11AN3010	Soil	21	46	0.69	230	0.081	<1	1.77	0.007	0.07	0.1	0.12	5.6	0.2	<0.05	6	<0.5	<0.2
11AN3011	Soil	14	32	0.51	193	0.070	<1	1.66	0.007	0.06	<0.1	0.07	3.8	0.1	<0.05	5	<0.5	<0.2
11AN3012	Soil	19	37	0.57	206	0.059	<1	1.59	0.007	0.08	<0.1	0.20	3.2	0.2	<0.05	6	<0.5	<0.2
11AN3013	Soil	12	29	0.49	178	0.082	<1	1.36	0.007	0.11	0.1	0.04	3.2	0.2	<0.05	7	<0.5	<0.2
11AN3014	Soil	13	35	0.53	175	0.075	<1	1.80	0.007	0.06	0.1	0.07	3.0	0.2	<0.05	6	<0.5	<0.2
11AN3015	Soil	16	32	0.49	204	0.087	<1	1.79	0.007	0.07	<0.1	0.04	4.3	0.2	<0.05	6	<0.5	<0.2
11AN3016	Soil	24	35	0.58	218	0.080	<1	1.82	0.010	0.10	0.1	0.05	3.9	0.2	<0.05	8	<0.5	<0.2
11AN3017	Soil	18	31	0.47	201	0.077	<1	1.81	0.006	0.07	0.1	0.06	3.5	0.2	<0.05	7	<0.5	<0.2
11AN3018	Soil	69	32	0.75	263	0.101	<1	1.44	0.006	0.26	0.2	0.28	5.8	0.3	<0.05	7	<0.5	<0.2
11AN3019	Soil	138	31	0.61	206	0.073	<1	1.71	0.006	0.12	0.1	0.82	5.5	0.2	<0.05	6	<0.5	<0.2
11AN3020	Soil	14	30	0.79	116	0.094	<1	1.43	0.006	0.18	0.1	0.14	5.8	0.2	<0.05	7	<0.5	<0.2
11AN3021	Soil	14	27	0.56	151	0.086	<1	1.27	0.005	0.09	0.1	0.06	3.7	0.1	<0.05	7	<0.5	<0.2
11AN3022	Soil	41	37	1.20	103	0.085	<1	1.48	0.006	0.44	<0.1	0.06	8.4	0.3	<0.05	8	<0.5	<0.2
11AN3023	Soil	62	6	0.34	164	0.068	<1	1.21	0.004	0.38	<0.1	0.25	3.1	0.4	<0.05	5	<0.5	<0.2
11AN3024	Soil	38	25	0.48	215	0.076	1	1.72	0.007	0.12	0.1	0.06	3.5	0.2	<0.05	5	<0.5	<0.2
11AN3025	Soil	25	25	0.48	245	0.065	<1	1.51	0.007	0.10	<0.1	0.09	3.8	0.2	<0.05	5	<0.5	<0.2
11AN3026	Soil	28	23	0.51	219	0.075	<1	1.59	0.007	0.13	0.1	0.08	4.3	0.2	<0.05	6	<0.5	<0.2
11AN3027	Soil	40	19	0.54	171	0.084	<1	1.62	0.006	0.31	0.2	0.06	4.0	0.3	<0.05	6	<0.5	<0.2
11AN3028	Soil	24	23	0.37	196	0.076	<1	1.40	0.006	0.10	0.2	0.32	3.3	0.4	<0.05	6	<0.5	<0.2
11AN3029	Soil	41	26	0.47	201	0.063	<1	1.38	0.006	0.14	<0.1	0.09	3.7	0.2	<0.05	5	<0.5	<0.2



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Project: Mariposa
Report Date: November 19, 2011

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CERTIFICATE OF ANALYSIS

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	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
11AN3030	Soil				1.0	24.0	13.0	59	<0.1	20.7	8.8	321	2.75	9.2	1.2	2.5	8.6	13	0.1	0.7	0.2	49	0.13	0.030
11AN3031	Soil				1.3	26.6	14.9	57	0.1	23.1	10.4	358	2.91	12.6	1.6	1.8	6.1	11	0.1	1.0	0.2	52	0.09	0.029
11AN3032	Soil				1.0	22.4	13.7	55	<0.1	18.7	8.3	355	2.21	8.0	2.9	1.2	7.7	13	0.1	0.9	0.1	41	0.12	0.032
11AN3033	Soil				1.0	25.4	11.9	56	<0.1	21.0	7.3	262	2.26	8.3	1.4	2.0	6.3	17	0.1	0.8	0.2	44	0.18	0.036
11AN3034	Soil				0.9	24.0	12.3	54	<0.1	20.7	9.1	332	2.60	9.3	2.0	2.0	8.4	14	0.1	1.0	0.2	47	0.14	0.027
11AN3035	Soil				1.0	23.7	11.6	53	0.1	18.3	9.7	321	2.62	11.1	1.3	1.3	10.3	13	0.1	0.9	0.2	47	0.15	0.045
11AN3036	Soil				0.9	19.8	12.6	52	<0.1	17.1	7.5	332	2.28	7.1	2.0	2.3	8.0	17	0.1	1.5	0.1	42	0.18	0.029
11AN3037	Soil				1.1	19.6	11.8	55	<0.1	18.6	8.4	281	2.51	8.0	1.8	2.6	8.8	14	<0.1	1.1	0.2	45	0.15	0.029
11AN3038	Soil				1.1	18.3	10.3	57	<0.1	20.5	8.8	338	2.63	8.4	1.1	1.1	8.5	13	0.2	0.7	0.2	46	0.15	0.036
11AN3039	Soil				1.0	18.4	12.7	51	<0.1	16.3	8.7	432	2.39	8.8	1.4	3.2	6.3	11	0.1	0.7	0.2	50	0.10	0.038
11AN3040	Soil				1.1	23.6	11.7	53	<0.1	19.0	8.5	312	2.56	10.1	1.6	4.2	8.1	12	<0.1	0.7	0.2	50	0.11	0.031
11AN3041	Soil				1.3	15.7	11.9	53	<0.1	15.1	7.1	321	2.47	9.3	1.3	2.4	7.1	10	<0.1	0.8	0.2	50	0.10	0.028
11AN3042	Soil				1.4	15.4	13.0	65	<0.1	17.7	9.5	426	2.87	10.9	1.3	3.0	7.5	11	0.1	0.9	0.2	52	0.11	0.039
11AN3043	Soil				1.1	19.1	10.0	51	<0.1	17.4	7.7	282	2.46	10.5	1.5	3.0	5.9	10	<0.1	0.8	0.2	51	0.09	0.034
11AN3044	Soil				0.9	20.2	9.2	55	<0.1	18.8	8.2	280	2.40	9.8	1.3	7.2	5.1	12	<0.1	0.6	0.2	48	0.13	0.050
11AN3045	Soil				0.9	17.7	9.4	55	<0.1	17.2	7.1	256	2.30	8.8	1.0	2.7	3.0	13	<0.1	0.6	0.2	52	0.14	0.052
11AN3046	Soil				1.0	25.3	9.8	58	<0.1	22.1	9.4	359	2.58	10.0	1.6	4.2	4.6	12	0.1	0.6	0.2	49	0.13	0.048
11AN3047	Soil				1.2	20.3	11.0	61	<0.1	21.0	9.3	386	2.41	7.5	1.7	2.9	7.1	13	<0.1	0.8	0.2	45	0.14	0.036
11AN3048	Soil				0.8	22.0	9.3	57	<0.1	20.3	8.1	284	2.37	8.8	1.8	3.2	3.9	15	0.1	0.7	0.2	46	0.18	0.052
11AN3049	Soil				0.9	17.2	9.6	53	<0.1	17.8	7.3	268	2.41	8.4	1.0	1.7	5.5	13	0.1	0.6	0.1	47	0.15	0.042
11AN3050	Soil				0.9	20.3	8.8	54	<0.1	18.0	7.9	275	2.45	8.0	1.1	2.0	7.9	13	<0.1	0.7	0.1	47	0.16	0.045
11AN3051	Soil				0.9	19.1	9.8	53	<0.1	18.7	8.0	259	2.61	9.4	1.3	2.9	7.3	13	0.2	0.6	0.2	50	0.17	0.051
11AN3052	Soil				1.0	16.4	10.3	60	<0.1	20.0	9.3	319	2.83	9.6	1.1	<0.5	8.3	14	<0.1	0.6	0.2	51	0.18	0.055
11AN3053	Soil				0.5	18.6	7.6	57	<0.1	13.1	16.0	430	3.46	5.1	0.5	0.7	6.6	23	0.1	0.2	<0.1	60	0.23	0.048
11AN3054	Soil				0.6	15.6	8.8	59	<0.1	22.2	11.4	288	3.14	9.0	0.5	<0.5	7.7	15	0.1	0.4	0.1	55	0.13	0.023
11AN3055	Soil				0.6	20.6	11.6	55	<0.1	14.0	8.0	299	2.76	6.5	1.6	1.6	15.0	13	<0.1	0.4	0.1	46	0.11	0.022
11AN3056	Soil				0.6	23.9	9.6	46	<0.1	16.4	6.9	245	2.50	8.5	1.1	5.0	9.3	13	<0.1	0.6	0.2	45	0.15	0.031
11AN3057	Soil				0.8	26.8	10.8	49	0.1	16.3	7.8	264	2.94	9.5	1.7	3.5	12.2	13	<0.1	0.5	0.2	56	0.13	0.032
11AN3058	Soil				0.7	22.4	12.9	49	<0.1	17.3	7.6	283	2.57	9.3	1.3	0.8	9.3	15	<0.1	0.5	0.2	50	0.15	0.033
11AN3059	Soil				1.0	14.3	15.5	82	<0.1	12.2	8.3	345	3.69	8.3	0.8	1.4	6.9	11	0.1	0.4	0.2	55	0.08	0.027



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Project: Mariposa
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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11AN3030	Soil	22	29	0.52	179	0.072	<1	1.55	0.008	0.08	0.1	0.03	3.6	0.1	<0.05	5	<0.5	<0.2
11AN3031	Soil	16	31	0.45	257	0.048	<1	1.98	0.006	0.05	0.1	0.33	3.8	0.3	<0.05	5	<0.5	<0.2
11AN3032	Soil	27	23	0.40	254	0.048	<1	1.24	0.006	0.05	0.1	0.58	3.3	0.4	<0.05	4	<0.5	<0.2
11AN3033	Soil	25	26	0.44	300	0.060	<1	1.32	0.008	0.05	0.1	0.20	3.9	0.2	<0.05	4	<0.5	<0.2
11AN3034	Soil	27	27	0.48	231	0.063	<1	1.53	0.008	0.08	0.1	0.16	4.3	0.1	<0.05	5	<0.5	<0.2
11AN3035	Soil	27	28	0.49	204	0.058	<1	1.66	0.007	0.08	0.2	0.08	4.4	0.1	<0.05	5	<0.5	<0.2
11AN3036	Soil	34	22	0.44	310	0.064	2	1.21	0.007	0.09	0.2	0.21	3.1	0.2	<0.05	4	0.6	<0.2
11AN3037	Soil	25	26	0.52	288	0.063	3	1.66	0.008	0.08	0.2	0.23	3.9	0.2	<0.05	5	0.7	<0.2
11AN3038	Soil	19	26	0.54	191	0.058	2	1.67	0.008	0.07	0.1	0.13	2.9	0.2	<0.05	5	<0.5	<0.2
11AN3039	Soil	26	23	0.44	182	0.056	2	1.46	0.006	0.06	0.1	0.20	3.1	0.2	<0.05	5	<0.5	<0.2
11AN3040	Soil	20	30	0.52	199	0.056	2	1.87	0.008	0.06	0.1	0.13	4.0	0.1	<0.05	5	<0.5	<0.2
11AN3041	Soil	15	25	0.42	176	0.063	2	1.46	0.008	0.06	0.2	0.24	2.6	0.2	<0.05	6	<0.5	<0.2
11AN3042	Soil	15	29	0.50	150	0.064	3	1.76	0.007	0.08	0.2	0.25	2.6	0.2	<0.05	6	<0.5	<0.2
11AN3043	Soil	17	28	0.45	158	0.056	2	1.72	0.007	0.05	0.2	0.20	3.5	0.1	<0.05	5	0.6	<0.2
11AN3044	Soil	14	26	0.48	168	0.051	2	1.63	0.007	0.05	0.2	0.10	3.1	0.1	<0.05	5	<0.5	<0.2
11AN3045	Soil	14	27	0.46	176	0.050	1	1.57	0.008	0.05	0.2	0.09	2.7	0.1	<0.05	5	<0.5	<0.2
11AN3046	Soil	16	29	0.51	201	0.050	2	1.81	0.009	0.06	0.2	0.16	3.3	0.1	<0.05	5	<0.5	<0.2
11AN3047	Soil	24	25	0.48	236	0.062	2	1.47	0.007	0.08	0.1	0.25	3.6	0.2	<0.05	5	<0.5	<0.2
11AN3048	Soil	18	27	0.51	208	0.052	2	1.64	0.007	0.07	0.2	0.19	3.3	0.1	<0.05	4	0.6	<0.2
11AN3049	Soil	16	24	0.49	155	0.058	1	1.56	0.007	0.06	0.1	0.11	2.9	0.1	<0.05	5	<0.5	<0.2
11AN3050	Soil	19	26	0.55	160	0.065	2	1.64	0.008	0.09	0.2	0.20	3.2	0.1	<0.05	5	<0.5	<0.2
11AN3051	Soil	22	28	0.55	187	0.066	2	1.83	0.008	0.09	0.1	0.13	3.7	0.1	<0.05	5	<0.5	<0.2
11AN3052	Soil	17	29	0.61	150	0.070	3	1.85	0.007	0.09	0.2	0.07	3.0	0.1	<0.05	6	<0.5	<0.2
11AN3053	Soil	10	23	1.42	294	0.187	1	3.32	0.021	0.65	0.1	0.02	1.6	0.3	<0.05	6	0.6	<0.2
11AN3054	Soil	14	56	0.81	180	0.120	2	2.53	0.008	0.19	<0.1	0.02	2.2	0.2	<0.05	6	0.6	<0.2
11AN3055	Soil	36	28	0.59	179	0.103	2	1.93	0.008	0.26	0.1	0.05	3.9	0.3	<0.05	6	0.7	<0.2
11AN3056	Soil	56	25	0.49	213	0.061	1	1.72	0.008	0.09	0.1	0.05	3.2	0.2	<0.05	5	0.5	<0.2
11AN3057	Soil	42	32	0.52	241	0.061	1	2.18	0.010	0.10	0.1	0.07	5.3	0.1	<0.05	5	<0.5	<0.2
11AN3058	Soil	43	26	0.50	218	0.073	2	1.70	0.013	0.08	0.2	0.05	3.7	0.1	<0.05	5	<0.5	<0.2
11AN3059	Soil	11	27	0.65	159	0.123	2	2.18	0.006	0.30	0.2	0.03	2.5	0.3	<0.05	8	<0.5	<0.2



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		Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
11AN3060	Soil	0.7	9.7	12.9	106	<0.1	13.9	10.0	564	4.06	4.7	3.4	1.5	20.1	9	<0.1	0.3	0.1	47	0.10	0.043	
11AN3061	Soil	0.6	8.9	12.7	118	<0.1	12.8	10.7	643	4.23	3.9	3.8	<0.5	23.0	8	0.1	0.3	0.1	44	0.10	0.049	
11AN3062	Soil	0.7	17.4	12.3	71	<0.1	15.6	9.4	372	3.25	9.3	3.5	2.6	14.8	13	0.1	0.6	0.1	49	0.12	0.027	
11AN3063	Soil	1.0	12.4	14.9	84	<0.1	12.7	9.5	649	3.66	7.1	1.9	5.0	24.3	11	0.1	0.6	0.2	45	0.14	0.049	
11AN3064	Soil	1.8	12.2	19.1	104	<0.1	10.6	10.4	553	4.61	4.3	3.8	1.8	23.1	5	<0.1	0.7	0.2	57	0.06	0.030	
11AN3065	Soil	1.3	15.8	12.8	63	0.1	18.2	9.3	371	2.97	10.7	0.9	2.2	6.9	10	0.2	0.5	0.2	63	0.10	0.031	
11AN3066	Soil	1.5	14.7	14.8	56	<0.1	16.1	8.9	446	3.15	10.3	1.1	2.4	5.7	10	0.1	0.5	0.2	56	0.09	0.039	
11AN3067	Soil	0.9	24.5	11.1	59	<0.1	21.3	8.7	302	2.70	10.7	1.4	2.7	14.5	14	0.1	0.6	0.2	53	0.12	0.023	
11AN3068	Soil	0.9	22.0	11.8	59	0.1	22.1	9.3	315	2.84	12.2	1.0	1.9	10.5	10	0.2	0.6	0.2	54	0.08	0.030	
11AN3069	Soil	0.9	13.7	16.8	79	<0.1	15.7	8.5	425	3.30	8.5	2.3	0.6	23.7	9	<0.1	0.6	0.2	48	0.12	0.041	
11AN3070	Soil	1.0	9.6	16.7	98	<0.1	9.6	8.0	527	3.74	5.6	3.5	0.7	22.5	6	<0.1	0.4	0.2	37	0.08	0.034	
11AN3071	Soil	1.1	20.1	11.7	55	0.2	15.2	7.9	318	2.92	9.1	1.7	1.0	10.2	11	<0.1	0.6	0.2	59	0.10	0.040	
11AN3072	Soil	0.9	12.3	15.6	76	<0.1	10.6	12.5	2353	2.96	5.6	2.3	1.7	16.7	7	<0.1	0.4	0.6	36	0.08	0.047	
11AN3073	Soil	1.6	12.5	13.1	46	<0.1	15.5	8.5	284	3.02	9.4	0.6	1.2	5.3	11	<0.1	0.6	0.4	78	0.11	0.040	
11AN3074	Soil	1.2	17.7	18.2	90	<0.1	16.7	12.0	561	4.09	7.0	1.3	<0.5	11.8	9	0.1	0.3	1.2	65	0.10	0.047	
11AN3075	Soil	1.0	13.0	12.4	97	<0.1	17.0	13.4	777	4.53	6.1	1.0	1.4	7.7	15	0.1	0.3	0.3	81	0.16	0.057	
11AN3076	Soil	0.8	17.1	13.7	70	<0.1	13.8	9.1	441	3.67	5.8	1.2	4.4	17.4	16	<0.1	0.4	0.2	54	0.23	0.053	
11AN3077	Soil	0.7	24.9	9.6	75	<0.1	18.1	16.5	571	4.17	5.5	0.8	2.3	11.6	17	<0.1	0.3	0.1	71	0.24	0.059	
11AN3078	Soil	0.5	11.6	8.4	91	<0.1	8.1	14.2	563	4.24	4.1	0.4	1.3	6.3	15	<0.1	0.2	0.1	68	0.24	0.094	
11AN3079	Soil	0.6	19.6	10.2	67	<0.1	24.5	19.6	498	3.46	5.7	0.8	0.8	7.3	11	<0.1	0.2	<0.1	83	0.15	0.034	
11AN3080	Soil	0.6	9.5	12.6	108	<0.1	13.9	15.3	723	4.93	5.2	1.2	<0.5	11.1	9	<0.1	0.4	0.2	68	0.18	0.065	
11AN3081	Soil	0.7	10.1	14.7	96	<0.1	17.2	14.4	616	4.73	6.9	1.1	<0.5	11.1	10	<0.1	0.3	0.1	70	0.14	0.047	
11AN3082	Soil	0.6	12.1	14.7	84	<0.1	14.0	11.4	462	3.94	5.5	1.6	1.7	15.6	15	<0.1	0.3	<0.1	61	0.22	0.065	
11AN3083	Soil	0.5	19.7	13.7	75	<0.1	11.8	10.7	501	3.36	3.6	4.8	2.7	29.6	13	<0.1	0.3	<0.1	45	0.17	0.047	
11AN3084	Soil	0.6	16.9	11.3	66	<0.1	15.9	8.4	313	2.75	5.0	1.8	2.8	12.4	20	<0.1	0.3	0.1	52	0.29	0.066	
11AN3085	Soil	1.1	23.1	12.2	64	<0.1	25.6	12.4	312	3.15	10.5	1.2	2.3	9.8	12	<0.1	0.6	0.2	61	0.12	0.027	
11AN3086	Soil	1.3	21.1	19.0	80	<0.1	22.7	11.1	339	4.18	10.2	1.3	1.0	8.9	11	0.1	0.4	0.2	74	0.16	0.053	
11AN3087	Soil	1.0	25.0	11.4	80	<0.1	25.0	13.2	342	3.40	7.6	1.4	3.8	13.0	14	<0.1	0.5	0.2	68	0.15	0.028	
11AN3088	Soil	1.3	18.3	15.0	74	<0.1	21.7	11.4	348	3.59	10.8	1.3	2.0	10.5	9	<0.1	0.5	0.3	66	0.09	0.031	
11AN3089	Soil	0.9	27.6	11.3	66	<0.1	22.9	10.1	386	2.87	8.9	1.6	8.3	9.0	19	0.1	0.4	0.2	55	0.25	0.057	



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11AN3060	Soil	66	37	0.92	199	0.180	2	2.62	0.009	0.79	0.3	0.03	6.3	0.8	<0.05	12	<0.5	<0.2
11AN3061	Soil	77	37	0.96	209	0.190	2	2.66	0.007	0.95	0.4	0.04	6.9	0.9	0.06	13	<0.5	<0.2
11AN3062	Soil	65	31	0.62	169	0.094	2	2.03	0.009	0.31	0.3	0.05	4.2	0.4	0.06	7	<0.5	<0.2
11AN3063	Soil	24	26	0.56	175	0.104	1	2.44	0.008	0.41	0.1	0.02	5.2	0.6	0.05	10	0.7	<0.2
11AN3064	Soil	11	23	0.82	118	0.145	1	2.96	0.006	0.67	0.2	0.03	7.1	1.0	<0.05	12	<0.5	<0.2
11AN3065	Soil	17	33	0.49	187	0.062	2	2.37	0.008	0.05	0.2	0.06	3.2	0.1	<0.05	6	0.5	<0.2
11AN3066	Soil	16	29	0.43	152	0.057	3	2.03	0.008	0.09	<0.1	0.03	3.3	0.2	0.05	6	0.5	<0.2
11AN3067	Soil	39	31	0.55	166	0.069	2	1.91	0.008	0.09	0.2	0.03	4.3	0.2	<0.05	5	1.1	<0.2
11AN3068	Soil	14	29	0.55	159	0.068	2	2.15	0.007	0.10	0.3	0.03	3.5	0.2	<0.05	6	0.8	<0.2
11AN3069	Soil	38	26	0.53	180	0.091	2	2.22	0.012	0.30	0.2	0.03	4.7	0.4	<0.05	8	0.6	<0.2
11AN3070	Soil	29	14	0.48	139	0.112	3	2.40	0.010	0.50	0.4	0.03	6.4	0.8	<0.05	10	<0.5	<0.2
11AN3071	Soil	41	31	0.49	204	0.074	2	2.39	0.012	0.13	0.2	0.05	4.8	0.2	<0.05	7	0.7	<0.2
11AN3072	Soil	12	17	0.33	122	0.100	2	1.42	0.006	0.27	0.3	0.02	4.2	0.5	0.06	8	<0.5	<0.2
11AN3073	Soil	13	33	0.40	179	0.063	1	2.11	0.007	0.07	0.2	0.03	2.4	0.2	<0.05	7	<0.5	<0.2
11AN3074	Soil	15	32	0.99	248	0.193	2	2.91	0.007	0.69	0.4	0.02	5.3	0.6	<0.05	11	<0.5	<0.2
11AN3075	Soil	13	42	0.98	264	0.215	2	2.61	0.007	0.55	0.2	0.02	3.2	0.6	<0.05	11	<0.5	<0.2
11AN3076	Soil	53	27	1.07	335	0.164	2	2.81	0.008	0.51	0.3	0.02	4.9	0.3	<0.05	9	<0.5	<0.2
11AN3077	Soil	50	60	1.41	584	0.248	2	2.95	0.009	0.75	0.2	0.01	3.0	0.4	<0.05	7	<0.5	<0.2
11AN3078	Soil	16	21	1.70	291	0.244	1	3.22	0.008	0.92	0.1	0.01	1.5	0.5	<0.05	9	<0.5	<0.2
11AN3079	Soil	13	158	1.54	214	0.193	1	3.05	0.008	0.72	0.2	0.02	2.3	0.5	<0.05	8	<0.5	<0.2
11AN3080	Soil	13	44	1.28	214	0.249	<1	3.12	0.007	1.29	0.4	<0.01	4.5	1.1	<0.05	12	<0.5	<0.2
11AN3081	Soil	11	62	1.22	198	0.225	<1	3.07	0.007	1.07	0.4	<0.01	4.2	0.9	<0.05	12	<0.5	<0.2
11AN3082	Soil	37	35	0.96	280	0.198	1	2.59	0.008	0.75	0.3	0.03	4.0	0.7	<0.05	10	<0.5	<0.2
11AN3083	Soil	68	24	0.62	228	0.130	<1	1.68	0.007	0.54	0.3	0.02	5.5	0.5	<0.05	8	<0.5	<0.2
11AN3084	Soil	31	34	0.70	280	0.138	<1	1.75	0.009	0.40	0.2	0.02	2.9	0.3	<0.05	6	<0.5	<0.2
11AN3085	Soil	15	33	0.57	197	0.097	1	2.12	0.008	0.12	0.2	0.04	3.8	0.2	<0.05	6	<0.5	<0.2
11AN3086	Soil	19	34	0.68	193	0.145	1	2.38	0.009	0.30	0.2	0.02	5.8	0.4	<0.05	9	<0.5	<0.2
11AN3087	Soil	23	40	0.67	216	0.152	2	2.54	0.009	0.26	0.2	0.02	5.1	0.4	<0.05	8	0.5	<0.2
11AN3088	Soil	13	33	0.53	158	0.123	1	2.24	0.007	0.25	0.2	0.02	4.6	0.3	<0.05	8	<0.5	<0.2
11AN3089	Soil	37	29	0.57	278	0.099	1	1.67	0.009	0.17	0.2	0.03	4.7	0.2	<0.05	5	<0.5	<0.2



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Project: Mariposa
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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
11AN3090	Soil	0.9	21.4	12.2	79	<0.1	22.4	12.0	471	3.63	8.7	1.5	1.4	13.4	12	0.1	0.4	0.2	65	0.15	0.043
11AN3091	Soil	1.3	24.2	15.8	99	<0.1	15.3	11.4	525	4.74	10.3	2.6	2.7	13.7	7	<0.1	0.8	0.2	54	0.10	0.044
11AN3092	Soil	1.1	20.1	16.1	62	<0.1	19.2	7.5	291	2.76	12.3	2.0	5.6	12.7	15	<0.1	0.6	0.2	57	0.17	0.021
11AN3093	Soil	1.0	35.6	21.9	114	<0.1	31.7	19.6	638	4.16	13.0	1.3	1.3	10.6	16	<0.1	1.0	0.2	79	0.44	0.135
11AN3094	Soil	1.1	17.3	14.2	52	<0.1	19.6	8.7	300	2.75	15.0	1.0	4.3	2.2	13	0.1	0.6	0.2	59	0.14	0.067
11AN3095	Soil	1.4	20.9	13.7	59	<0.1	18.9	6.8	278	2.91	9.4	0.8	1.7	4.9	11	<0.1	0.4	0.2	74	0.12	0.033
11AN3096	Soil	0.9	35.7	17.2	128	<0.1	57.6	19.0	759	4.56	11.2	2.1	1.3	16.8	11	0.1	0.4	0.1	95	0.28	0.091
11AN3097	Soil	1.8	29.1	13.4	108	<0.1	54.7	15.3	367	3.46	60.7	1.9	3.4	14.0	14	0.1	0.5	0.3	86	0.17	0.049
11AN3098	Soil	2.1	12.5	20.3	65	<0.1	13.9	6.2	263	3.10	18.2	1.1	4.5	8.0	8	0.2	0.5	0.4	74	0.07	0.031
11AN3099	Soil	1.5	28.5	22.1	74	<0.1	22.6	8.9	307	3.13	14.2	3.3	4.9	11.3	15	0.2	0.6	0.3	69	0.14	0.056
11AN3100	Soil	1.7	15.2	18.8	69	<0.1	18.5	6.9	229	3.00	12.1	1.8	0.6	12.1	11	0.1	0.6	0.2	63	0.10	0.019
11AN3101	Soil	1.4	14.5	18.7	71	<0.1	17.1	6.3	226	3.00	11.5	1.8	1.6	11.0	11	0.1	0.7	0.3	61	0.10	0.024
11AN3102	Soil	0.9	15.3	13.1	75	<0.1	16.0	6.4	258	2.48	6.6	2.0	8.6	13.5	10	0.2	0.3	0.2	44	0.13	0.025
11AN3103	Soil	1.2	12.6	14.5	65	<0.1	14.9	6.9	270	2.70	8.0	1.5	<0.5	12.1	10	<0.1	0.4	0.2	54	0.10	0.031
11AN3104	Soil	0.8	12.2	12.3	63	<0.1	13.3	7.1	288	2.55	5.5	1.9	1.0	12.2	10	<0.1	0.4	0.2	45	0.14	0.037
11AN3105	Soil	0.8	23.8	10.3	60	<0.1	18.4	7.6	296	2.12	12.9	1.8	3.8	8.2	23	0.1	0.8	0.2	43	0.18	0.032
11AN3106	Soil	1.2	18.1	14.2	66	<0.1	17.0	8.0	275	2.73	11.3	1.1	3.5	5.9	13	0.2	0.7	0.2	56	0.12	0.029
11AN3107	Soil	1.3	22.7	12.4	64	0.2	19.0	7.5	359	2.22	26.4	1.8	13.3	7.3	19	0.2	1.9	0.2	49	0.12	0.025
11AN3108	Soil	1.4	21.7	14.1	61	0.2	18.0	10.8	656	2.12	30.8	1.3	4.0	3.5	29	0.2	2.2	0.3	38	0.08	0.035
11AN3109	Soil	2.2	38.0	16.3	86	0.1	34.0	13.1	570	2.71	65.3	1.3	2.1	5.3	30	0.3	2.0	0.3	45	0.09	0.043
11AN3110	Soil	1.6	45.3	16.9	95	0.2	34.0	10.4	368	2.35	48.8	1.8	3.4	4.7	14	0.4	1.5	0.2	38	0.06	0.034
11AN3111	Soil	1.8	33.7	19.5	63	0.2	22.3	9.0	330	2.84	29.3	1.5	1.7	5.5	15	0.2	1.2	0.3	58	0.09	0.032
11AN3112	Soil	1.1	41.6	37.3	70	0.3	21.5	7.0	319	2.39	25.9	2.1	2.4	5.4	17	0.5	0.8	0.3	36	0.09	0.062
11AN3113	Soil	1.5	40.2	24.7	83	0.3	27.3	9.9	429	2.77	28.6	1.8	3.4	4.3	18	0.4	1.2	0.3	45	0.11	0.038
11AN3114	Soil	1.3	28.5	15.4	81	<0.1	23.4	8.9	321	2.48	21.0	1.3	2.0	6.0	12	0.2	1.2	0.2	39	0.08	0.022
11AN3115	Soil	1.3	25.0	15.3	83	0.2	23.1	10.8	435	2.70	18.5	0.9	2.1	5.3	13	0.2	1.1	0.2	48	0.09	0.027
11AN3116	Soil	1.3	21.7	19.4	74	0.1	16.8	11.9	543	3.20	5.6	1.5	1.2	1.7	21	0.3	0.4	0.1	51	0.27	0.093
11AN3117	Soil	1.6	39.3	13.8	79	0.1	34.7	17.6	540	4.04	4.9	1.4	1.0	6.3	28	<0.1	0.3	0.1	89	0.51	0.114
11AN3118	Soil	2.2	18.0	16.0	109	0.1	23.5	13.4	696	3.94	21.0	2.3	0.8	12.6	33	0.5	0.8	0.2	58	0.82	0.122
11AN3119	Soil	1.8	16.1	10.3	54	<0.1	16.6	7.3	225	2.57	13.5	1.1	2.6	4.3	16	0.2	0.6	0.2	49	0.22	0.051



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11AN3090	Soil	27	46	0.72	199	0.175	1	2.34	0.008	0.40	0.3	0.01	5.0	0.5	<0.05	9	<0.5	<0.2
11AN3091	Soil	13	24	0.67	135	0.197	1	2.36	0.006	0.70	0.3	<0.01	7.1	1.0	<0.05	11	<0.5	<0.2
11AN3092	Soil	62	37	0.55	182	0.098	2	1.72	0.007	0.09	0.2	0.04	4.8	0.2	<0.05	6	<0.5	<0.2
11AN3093	Soil	36	67	0.86	491	0.096	2	1.96	0.004	0.38	0.2	0.03	10.1	0.5	<0.05	8	0.6	<0.2
11AN3094	Soil	15	30	0.36	197	0.040	1	1.42	0.007	0.04	0.2	0.04	2.5	0.1	<0.05	5	<0.5	<0.2
11AN3095	Soil	12	34	0.54	127	0.113	1	1.66	0.006	0.18	0.2	0.03	2.7	0.2	<0.05	7	<0.5	<0.2
11AN3096	Soil	60	85	1.48	338	0.226	<1	3.17	0.007	1.29	<0.1	<0.01	6.3	1.0	<0.05	10	<0.5	<0.2
11AN3097	Soil	35	76	1.02	224	0.140	2	2.49	0.008	0.49	0.2	0.02	4.9	0.5	<0.05	8	0.6	<0.2
11AN3098	Soil	12	33	0.45	74	0.108	1	1.60	0.006	0.12	0.2	<0.01	2.5	0.2	<0.05	8	<0.5	<0.2
11AN3099	Soil	40	38	0.48	233	0.081	1	2.10	0.008	0.09	0.2	0.03	4.2	0.2	<0.05	7	0.6	<0.2
11AN3100	Soil	18	32	0.40	153	0.075	<1	1.76	0.006	0.07	0.2	<0.01	2.8	0.2	<0.05	7	<0.5	<0.2
11AN3101	Soil	17	29	0.38	141	0.076	1	1.67	0.006	0.07	0.2	0.01	2.9	0.2	<0.05	7	<0.5	<0.2
11AN3102	Soil	31	26	0.40	130	0.092	1	1.42	0.009	0.15	0.2	0.01	3.4	0.3	<0.05	6	<0.5	<0.2
11AN3103	Soil	23	26	0.43	129	0.103	1	1.65	0.008	0.18	0.2	<0.01	3.5	0.3	<0.05	7	<0.5	<0.2
11AN3104	Soil	20	26	0.45	121	0.123	<1	1.43	0.008	0.32	0.4	<0.01	4.1	0.4	<0.05	6	<0.5	<0.2
11AN3105	Soil	25	24	0.36	199	0.086	1	1.13	0.010	0.10	0.1	0.03	3.4	0.2	<0.05	4	0.6	<0.2
11AN3106	Soil	17	29	0.39	175	0.067	1	1.80	0.007	0.06	0.2	0.02	2.7	0.2	<0.05	6	<0.5	<0.2
11AN3107	Soil	20	25	0.31	220	0.066	1	1.27	0.007	0.06	0.2	0.06	3.2	0.2	<0.05	4	<0.5	<0.2
11AN3108	Soil	13	21	0.22	191	0.027	2	0.95	0.006	0.04	0.2	0.10	2.8	0.3	<0.05	3	<0.5	<0.2
11AN3109	Soil	12	22	0.18	223	0.019	3	0.88	0.005	0.05	0.2	0.05	3.1	0.3	<0.05	3	0.7	<0.2
11AN3110	Soil	15	34	0.17	117	0.020	1	0.76	0.004	0.04	0.1	0.05	3.1	0.3	<0.05	3	1.0	<0.2
11AN3111	Soil	17	32	0.30	213	0.037	2	1.57	0.007	0.06	0.2	0.06	4.0	0.2	<0.05	5	0.6	<0.2
11AN3112	Soil	30	26	0.19	191	0.036	1	1.24	0.008	0.06	<0.1	0.09	3.7	0.2	<0.05	5	<0.5	<0.2
11AN3113	Soil	23	27	0.28	193	0.039	2	1.24	0.008	0.05	0.2	0.10	3.7	0.2	<0.05	4	1.0	<0.2
11AN3114	Soil	17	24	0.31	147	0.039	1	1.03	0.007	0.04	0.2	0.07	3.6	0.2	<0.05	3	0.6	<0.2
11AN3115	Soil	15	27	0.30	172	0.041	1	1.37	0.006	0.04	0.2	0.04	3.0	0.2	<0.05	4	0.5	<0.2
11AN3116	Soil	43	42	0.82	275	0.054	1	2.04	0.010	0.34	0.1	0.05	2.3	0.3	0.07	8	<0.5	<0.2
11AN3117	Soil	31	124	1.60	206	0.201	1	2.46	0.011	0.36	0.2	0.02	4.3	0.4	<0.05	9	<0.5	<0.2
11AN3118	Soil	48	49	0.92	265	0.105	2	1.86	0.012	0.32	0.1	0.04	5.3	0.2	0.07	8	<0.5	<0.2
11AN3119	Soil	17	28	0.54	129	0.064	1	1.42	0.012	0.07	0.1	0.02	2.8	0.1	<0.05	5	<0.5	<0.2



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
11AN3120	Soil	2.0	46.2	13.2	128	0.2	35.4	10.1	287	3.25	13.9	1.5	2.5	1.7	17	0.6	0.9	0.2	64	0.14	0.052
11AN3121	Soil	1.9	41.7	13.0	112	0.2	32.6	9.7	284	3.23	13.8	1.5	2.6	2.0	17	0.5	0.8	0.2	65	0.14	0.044
11AN3122	Soil	1.3	26.3	10.3	89	0.1	63.8	13.1	342	3.40	24.5	1.2	3.4	7.4	20	0.1	0.7	0.2	78	0.20	0.028
11AN3123	Soil	1.3	34.4	11.3	73	0.1	25.5	8.4	226	2.98	12.7	1.4	7.4	3.5	16	0.2	0.9	0.2	61	0.12	0.043
11AN3124	Soil	2.2	22.2	13.0	54	0.4	17.0	7.5	213	2.76	18.1	1.1	2.1	3.8	15	0.3	0.7	0.3	72	0.10	0.044
11AN3125	Soil	1.3	13.9	13.5	48	<0.1	15.1	5.9	202	2.78	10.0	0.7	1.6	1.1	12	0.3	0.6	0.2	65	0.11	0.046
11AN3126	Soil	1.4	21.4	10.8	73	0.2	13.9	8.5	285	3.17	7.1	1.3	1.4	4.1	19	0.3	0.4	0.2	62	0.13	0.043
11AN3127	Soil	1.5	19.0	12.8	57	0.2	24.0	10.9	229	3.00	12.9	0.7	2.2	4.3	14	0.2	0.7	0.2	66	0.12	0.027
11AN3128	Soil	1.2	10.7	13.3	33	<0.1	10.0	4.2	130	2.44	8.7	0.8	3.5	2.3	13	0.1	0.5	0.2	63	0.12	0.031
11AN3129	Soil	1.8	20.5	12.2	86	<0.1	24.7	6.2	246	3.07	11.3	0.5	2.2	2.1	10	0.2	0.6	0.2	75	0.08	0.039
11AN3130	Soil	3.7	74.7	11.4	209	0.9	53.1	8.8	242	3.17	7.7	2.2	2.5	6.1	21	0.7	0.5	0.3	137	0.08	0.061
11AN3131	Soil	1.4	16.7	13.0	58	0.1	19.1	9.8	266	3.29	10.3	0.7	8.0	4.0	10	0.2	0.7	0.3	66	0.10	0.029
11AN3132	Soil	1.7	24.2	13.0	77	<0.1	27.0	10.1	286	3.40	10.6	0.9	1.6	6.3	11	0.2	0.7	0.2	67	0.10	0.032
11AN3133	Soil	0.9	29.7	11.2	63	<0.1	15.1	12.1	376	3.91	9.7	1.2	5.3	4.5	15	0.1	0.6	0.2	75	0.19	0.049
11AN3134	Soil	0.8	30.3	12.9	72	<0.1	19.5	18.0	410	4.25	10.0	0.7	16.9	3.5	10	<0.1	0.5	0.1	83	0.26	0.042
11AN3135	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
11AN3136	Soil	0.6	20.2	8.5	48	<0.1	16.4	10.6	266	2.79	7.5	0.8	2.3	2.9	15	<0.1	0.4	0.1	60	0.27	0.040
11AN3137	Soil	1.0	20.5	9.4	50	<0.1	20.9	13.0	236	2.80	10.4	0.6	2.3	3.8	11	0.1	0.6	0.2	57	0.11	0.020
11AN3138	Soil	1.1	13.4	9.8	46	<0.1	13.3	7.5	244	3.08	9.4	0.5	<0.5	2.5	10	0.2	0.6	0.2	64	0.11	0.028
11AN3139	Soil	1.0	13.9	10.6	43	<0.1	14.7	9.0	216	2.43	8.4	0.8	1.9	4.5	11	0.1	0.5	0.2	51	0.10	0.028
11AN3140	Soil	1.2	19.4	11.5	48	<0.1	15.9	8.3	227	2.90	10.0	0.9	3.2	4.1	14	<0.1	0.7	0.2	64	0.13	0.027
11AN3141	Soil	1.1	19.1	11.4	45	<0.1	15.6	7.7	222	2.69	9.2	0.9	2.4	3.6	13	<0.1	0.6	0.2	60	0.12	0.027
11AN3142	Soil	0.8	25.4	10.0	57	<0.1	18.0	10.9	255	3.06	7.0	0.5	3.1	3.6	14	<0.1	0.5	0.1	68	0.15	0.019
11AN3143	Soil	1.2	48.4	7.8	91	<0.1	17.9	19.6	432	4.03	4.8	0.7	1.5	3.5	44	0.2	0.3	<0.1	73	0.55	0.167
11AN3144	Soil	0.9	22.6	7.6	69	<0.1	19.5	18.2	308	4.24	8.5	0.5	1.5	2.5	10	0.1	0.5	0.1	94	0.15	0.023
11AN3145	Soil	1.1	33.4	10.5	64	0.2	24.7	15.4	423	3.41	10.1	1.3	5.6	3.9	17	0.2	0.6	0.2	69	0.18	0.045
11AN3146	Soil	1.2	29.2	11.3	86	<0.1	25.4	15.2	585	3.65	23.4	2.3	4.0	4.8	16	0.2	2.2	0.2	78	0.16	0.046
11AN3147	Soil	0.7	19.6	8.3	53	<0.1	15.7	10.8	314	2.88	6.2	0.8	2.7	3.5	14	<0.1	0.4	0.1	63	0.20	0.040
11AN3148	Soil	1.7	23.8	9.6	77	0.2	21.5	9.5	378	2.56	63.5	1.0	7.1	2.9	17	0.4	4.1	0.2	54	0.17	0.056
11AN3149	Soil	1.6	18.0	10.2	36	0.3	8.8	3.7	157	2.35	12.5	0.6	2.9	0.3	15	0.8	0.9	0.2	56	0.13	0.063



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Project: Mariposa
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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11AN3120	Soil	19	32	0.57	225	0.059	1	1.63	0.009	0.24	<0.1	0.03	3.1	0.4	0.11	6	0.7	<0.2
11AN3121	Soil	20	35	0.53	214	0.067	2	1.57	0.008	0.20	<0.1	0.03	3.3	0.4	<0.05	6	0.9	<0.2
11AN3122	Soil	25	88	1.01	439	0.133	2	2.08	0.012	0.23	<0.1	0.03	6.5	0.3	<0.05	7	0.7	<0.2
11AN3123	Soil	17	31	0.43	263	0.051	1	1.55	0.010	0.08	0.1	0.04	4.2	0.3	0.06	5	0.7	<0.2
11AN3124	Soil	11	32	0.42	235	0.052	<1	1.85	0.010	0.07	0.1	0.04	3.0	0.1	0.07	6	1.0	<0.2
11AN3125	Soil	13	27	0.33	137	0.043	1	1.58	0.007	0.04	<0.1	0.03	2.1	0.2	<0.05	7	<0.5	<0.2
11AN3126	Soil	21	30	0.61	313	0.100	1	1.97	0.010	0.20	<0.1	0.03	4.1	0.1	0.07	7	0.7	<0.2
11AN3127	Soil	13	34	0.46	218	0.065	1	2.41	0.012	0.05	0.1	0.03	3.7	0.1	<0.05	6	<0.5	<0.2
11AN3128	Soil	15	26	0.29	150	0.060	1	1.59	0.008	0.03	0.1	0.04	2.6	0.1	<0.05	7	<0.5	<0.2
11AN3129	Soil	10	27	0.33	85	0.049	<1	1.47	0.007	0.04	0.1	0.02	2.1	<0.1	<0.05	6	<0.5	<0.2
11AN3130	Soil	24	55	0.67	381	0.065	1	1.54	0.007	0.22	<0.1	0.02	4.6	0.8	0.22	5	3.4	<0.2
11AN3131	Soil	12	32	0.45	121	0.071	1	1.91	0.006	0.06	0.1	0.03	3.1	0.1	<0.05	6	<0.5	<0.2
11AN3132	Soil	12	38	0.56	144	0.096	1	2.25	0.009	0.09	0.1	0.04	3.4	0.2	<0.05	6	<0.5	<0.2
11AN3133	Soil	16	22	0.67	420	0.110	1	2.10	0.009	0.29	0.1	0.03	7.4	0.2	<0.05	6	<0.5	<0.2
11AN3134	Soil	14	35	0.89	262	0.063	<1	2.00	0.010	0.10	0.1	0.02	8.4	0.2	<0.05	6	<0.5	<0.2
11AN3135	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
11AN3136	Soil	12	29	0.69	193	0.055	1	1.66	0.012	0.06	<0.1	0.04	6.2	<0.1	<0.05	5	<0.5	<0.2
11AN3137	Soil	10	32	0.56	182	0.070	7	2.15	0.011	0.05	0.2	0.03	3.4	<0.1	<0.05	5	<0.5	<0.2
11AN3138	Soil	10	27	0.44	115	0.072	1	1.65	0.008	0.05	0.1	0.03	2.5	<0.1	<0.05	6	<0.5	<0.2
11AN3139	Soil	11	28	0.43	161	0.054	1	1.84	0.010	0.04	0.1	0.04	3.2	<0.1	<0.05	5	<0.5	<0.2
11AN3140	Soil	14	34	0.48	208	0.071	1	1.93	0.010	0.05	0.1	0.03	4.1	0.1	<0.05	6	<0.5	<0.2
11AN3141	Soil	13	31	0.48	183	0.063	<1	1.89	0.010	0.04	0.1	0.03	3.8	0.1	<0.05	5	<0.5	<0.2
11AN3142	Soil	11	29	0.89	243	0.090	<1	2.06	0.010	0.09	<0.1	0.02	4.7	0.1	<0.05	6	<0.5	<0.2
11AN3143	Soil	16	33	1.33	550	0.183	<1	3.32	0.023	0.65	0.2	<0.01	6.1	0.3	<0.05	9	<0.5	<0.2
11AN3144	Soil	8	39	1.14	451	0.205	<1	2.63	0.014	0.21	0.2	0.01	4.0	0.1	<0.05	8	0.7	<0.2
11AN3145	Soil	14	35	0.60	567	0.100	<1	2.02	0.018	0.09	0.3	0.03	4.3	0.1	0.06	6	0.9	<0.2
11AN3146	Soil	17	36	0.72	360	0.096	<1	2.14	0.013	0.09	0.1	0.05	6.8	0.3	<0.05	6	0.7	<0.2
11AN3147	Soil	15	27	0.79	495	0.121	2	1.77	0.014	0.20	0.1	0.02	4.6	0.1	<0.05	6	<0.5	<0.2
11AN3148	Soil	14	26	0.41	170	0.057	2	1.37	0.010	0.05	0.2	0.49	3.1	0.2	<0.05	4	0.9	<0.2
11AN3149	Soil	8	22	0.22	159	0.046	1	1.07	0.012	0.05	0.2	0.12	1.0	0.1	0.13	5	1.5	<0.2



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
11AN3150	Soil	3.0	42.0	10.4	76	0.6	25.1	8.2	235	2.31	50.3	1.6	68.5	4.3	24	0.5	3.2	0.1	50	0.24	0.101
11AN3151	Soil	2.8	40.8	13.8	74	0.4	24.0	7.2	211	2.45	64.6	1.6	10.1	4.1	22	0.3	3.3	0.2	54	0.24	0.094
11AN3152	Soil	2.4	29.7	10.9	65	0.3	21.1	7.8	233	2.36	35.1	1.4	4.2	4.0	22	0.2	2.1	0.2	53	0.22	0.068
11AN3153	Soil	2.5	28.9	10.5	62	0.3	20.4	6.9	179	2.47	31.8	1.3	4.0	2.0	17	0.1	1.4	0.2	53	0.18	0.063
11AN3154	Soil	1.4	24.7	10.4	57	0.2	18.4	7.0	210	2.34	20.1	1.1	8.4	1.5	17	0.2	0.9	0.2	54	0.19	0.065
11AN3155	Soil	1.2	26.2	11.2	64	0.1	21.9	8.1	254	2.56	14.6	1.0	2.7	3.1	18	0.1	0.8	0.2	59	0.18	0.049
11AN3156	Soil	1.8	25.7	12.4	74	0.1	20.7	8.2	285	2.91	23.4	1.0	3.5	2.8	16	0.2	0.9	0.2	71	0.15	0.061
11AN3157	Soil	1.4	26.2	11.1	71	<0.1	22.5	9.5	307	2.96	24.7	0.9	3.4	4.4	15	0.2	1.3	0.2	71	0.13	0.032
11AN3158	Soil	1.6	41.0	11.7	129	0.1	37.5	14.1	488	3.70	16.0	1.4	3.3	6.4	21	0.1	0.6	0.2	73	0.17	0.030
11AN3159	Soil	1.4	29.8	9.7	87	0.2	18.1	12.2	434	4.00	14.0	1.7	5.2	7.1	21	0.2	0.5	0.1	52	0.11	0.045
11AN3160	Soil	0.9	27.7	8.6	104	0.1	21.8	18.9	404	4.79	4.4	1.7	<0.5	6.6	26	0.2	0.1	<0.1	81	0.46	0.176
11AN3161	Soil	0.9	26.5	8.5	107	<0.1	22.7	18.9	467	4.88	5.1	1.5	0.6	6.2	25	0.1	0.1	<0.1	77	0.40	0.156
11AN3162	Soil	1.3	26.5	11.8	80	0.1	20.9	11.7	408	3.55	9.7	1.5	3.4	5.9	21	0.2	0.4	0.2	66	0.22	0.070
11AN3163	Soil	1.4	31.9	13.0	76	0.2	26.8	11.0	354	3.60	13.5	1.2	3.2	7.4	16	0.1	0.6	0.2	63	0.14	0.029
11AN3164	Soil	0.8	12.7	8.2	52	<0.1	14.9	9.9	234	3.20	7.8	0.5	5.6	3.2	12	<0.1	0.4	0.1	70	0.15	0.022
11AN3165	Soil	1.4	24.8	12.9	66	<0.1	24.1	10.0	311	3.07	36.8	1.3	3.5	5.7	15	0.2	1.0	0.2	64	0.13	0.030
11AN3166	Soil	1.4	30.3	14.3	81	<0.1	29.6	13.6	409	3.68	86.6	1.5	3.7	7.9	16	0.1	1.7	0.2	68	0.13	0.025
11AN3167	Soil	1.5	24.8	14.0	80	<0.1	24.0	11.8	445	3.75	45.0	1.5	3.5	7.4	20	0.1	1.1	0.2	70	0.15	0.025
11AN3168	Soil	0.8	28.0	11.6	68	<0.1	15.2	7.8	241	3.34	310.9	2.1	2.6	14.8	16	0.1	6.0	0.1	48	0.07	0.020
11AN3169	Soil	1.1	19.1	11.6	71	<0.1	18.5	9.1	289	3.18	102.0	0.9	1.3	6.2	13	<0.1	2.1	0.2	62	0.09	0.023
11AN3170	Soil	1.1	31.2	13.2	71	<0.1	24.0	11.5	546	3.40	111.1	1.5	4.5	7.8	13	<0.1	2.0	0.2	61	0.11	0.024
11AN3171	Soil	1.0	28.8	12.4	63	<0.1	22.2	10.0	336	3.07	92.8	1.4	9.6	8.6	17	<0.1	1.9	0.2	59	0.11	0.018
11AN3172	Soil	1.1	25.9	11.2	65	<0.1	22.1	10.1	384	3.11	67.8	1.1	3.9	5.9	14	0.1	1.5	0.2	64	0.11	0.021
11AN3173	Soil	1.3	28.6	11.9	66	0.1	22.4	10.1	349	3.20	74.4	1.6	2.5	6.6	16	0.1	1.8	0.2	64	0.11	0.022
11AN3174	Soil	1.3	22.6	10.9	56	<0.1	18.8	9.0	334	2.96	152.8	1.2	1.8	5.3	14	0.1	3.1	0.2	60	0.11	0.033
11AN3175	Soil	1.3	26.1	13.1	61	0.1	20.7	10.9	515	2.89	98.8	1.4	3.6	4.6	19	0.2	2.3	0.2	60	0.17	0.058
11AN3176	Soil	1.2	25.3	12.2	73	0.1	23.9	10.4	383	3.09	52.6	1.1	1.1	6.0	19	0.2	1.3	0.2	62	0.13	0.022
11AN3177	Soil	1.5	23.9	14.6	92	0.4	30.9	8.6	295	3.56	56.6	0.8	3.4	5.6	11	0.2	1.6	0.2	63	0.09	0.036
11AN3178	Soil	1.2	30.6	13.6	69	0.5	30.3	12.9	365	3.31	27.7	1.1	5.1	8.1	15	0.1	0.9	0.2	66	0.12	0.021
11AN3179	Soil	1.0	26.0	14.6	68	0.3	26.5	12.0	574	3.14	29.7	1.1	6.0	7.3	14	0.1	0.8	0.2	59	0.15	0.043



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11AN3150	Soil	17	26	0.43	158	0.065	1	1.01	0.011	0.06	0.4	0.47	3.1	0.2	<0.05	4	1.4	<0.2
11AN3151	Soil	19	28	0.42	221	0.063	1	1.27	0.009	0.06	0.4	0.67	3.3	0.2	<0.05	4	0.8	<0.2
11AN3152	Soil	17	28	0.43	246	0.063	<1	1.23	0.012	0.05	0.2	0.23	3.1	0.1	<0.05	4	1.0	<0.2
11AN3153	Soil	15	29	0.45	226	0.050	2	1.50	0.012	0.05	0.2	0.24	3.0	0.2	<0.05	5	0.8	<0.2
11AN3154	Soil	15	29	0.47	202	0.058	<1	1.56	0.010	0.06	0.2	0.19	2.7	0.1	<0.05	5	0.6	<0.2
11AN3155	Soil	16	33	0.54	227	0.072	1	1.76	0.012	0.07	0.2	0.08	3.9	0.2	<0.05	6	0.5	<0.2
11AN3156	Soil	14	35	0.50	207	0.079	1	1.89	0.010	0.07	0.2	0.13	4.1	0.2	<0.05	7	0.6	<0.2
11AN3157	Soil	13	38	0.53	189	0.084	1	1.97	0.016	0.06	0.2	0.08	4.2	0.2	<0.05	6	1.1	<0.2
11AN3158	Soil	22	79	0.82	384	0.099	2	2.44	0.013	0.14	0.2	0.04	6.0	0.3	0.05	7	1.0	<0.2
11AN3159	Soil	21	32	0.72	342	0.178	<1	2.48	0.017	0.39	0.3	0.03	4.7	0.2	0.09	8	0.8	<0.2
11AN3160	Soil	26	46	1.30	541	0.288	<1	3.43	0.027	0.93	0.4	0.02	4.9	0.3	<0.05	12	0.6	<0.2
11AN3161	Soil	25	56	1.26	531	0.291	<1	3.27	0.021	0.90	0.3	0.01	4.9	0.4	<0.05	12	<0.5	<0.2
11AN3162	Soil	20	41	0.68	313	0.118	<1	2.15	0.012	0.19	0.2	0.03	4.3	0.2	<0.05	7	<0.5	<0.2
11AN3163	Soil	24	39	0.64	255	0.112	<1	2.32	0.013	0.14	0.2	0.04	4.8	0.2	<0.05	7	0.7	<0.2
11AN3164	Soil	9	32	0.65	141	0.093	<1	1.87	0.012	0.08	0.1	0.02	4.3	0.1	<0.05	6	<0.5	<0.2
11AN3165	Soil	14	37	0.55	223	0.083	1	2.20	0.011	0.06	0.2	0.11	4.3	0.2	<0.05	6	0.9	<0.2
11AN3166	Soil	23	40	0.63	301	0.103	1	2.42	0.011	0.10	0.2	0.25	5.7	0.5	<0.05	6	<0.5	<0.2
11AN3167	Soil	24	41	0.64	343	0.114	1	2.45	0.011	0.13	0.2	0.22	5.7	0.3	<0.05	8	0.6	<0.2
11AN3168	Soil	40	30	0.54	206	0.120	<1	1.82	0.009	0.20	0.1	2.21	6.0	0.7	<0.05	6	<0.5	<0.2
11AN3169	Soil	15	32	0.48	179	0.084	<1	1.93	0.010	0.08	0.2	0.53	3.7	0.3	<0.05	6	<0.5	<0.2
11AN3170	Soil	19	35	0.53	217	0.089	1	2.14	0.009	0.11	0.1	0.86	4.6	0.3	<0.05	7	<0.5	<0.2
11AN3171	Soil	22	35	0.52	203	0.090	2	2.01	0.013	0.07	0.2	0.79	5.9	0.3	<0.05	6	<0.5	<0.2
11AN3172	Soil	18	36	0.47	205	0.085	<1	1.92	0.011	0.06	0.2	0.42	5.2	0.2	<0.05	6	<0.5	<0.2
11AN3173	Soil	23	38	0.50	221	0.085	1	1.95	0.009	0.06	0.1	0.47	6.3	0.2	<0.05	6	<0.5	<0.2
11AN3174	Soil	18	33	0.46	171	0.069	1	1.66	0.010	0.06	0.1	0.36	4.0	0.2	<0.05	6	<0.5	<0.2
11AN3175	Soil	17	35	0.55	205	0.069	1	1.88	0.011	0.07	0.2	0.39	4.4	0.2	<0.05	5	<0.5	<0.2
11AN3176	Soil	20	48	0.49	209	0.069	<1	2.00	0.011	0.07	0.1	0.21	5.0	0.2	<0.05	6	<0.5	<0.2
11AN3177	Soil	15	32	0.37	157	0.040	1	1.41	0.007	0.06	0.1	0.06	3.7	0.5	<0.05	5	<0.5	<0.2
11AN3178	Soil	18	45	0.56	206	0.077	2	2.46	0.010	0.05	0.2	0.11	4.9	0.2	<0.05	6	<0.5	<0.2
11AN3179	Soil	19	35	0.48	185	0.065	2	1.83	0.010	0.06	0.2	0.06	3.9	0.2	<0.05	5	<0.5	<0.2



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Project: Mariposa
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	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
11AN3180	Soil				1.4	15.6	13.8	39	<0.1	17.1	4.7	172	2.45	8.4	0.6	1.5	1.2	9	0.2	0.5	0.3	63	0.09	0.047
11AN3181	Soil				1.6	15.6	14.2	44	<0.1	19.3	5.3	188	2.93	9.1	0.6	3.7	1.6	9	0.2	0.6	0.3	66	0.09	0.050
11AN3182	Soil				0.9	16.8	9.9	32	0.1	397.2	24.7	588	2.86	5.8	0.6	1.7	0.8	21	0.3	0.3	0.2	51	0.23	0.058
11AN3183	Soil				<0.1	36.7	2.8	21	<0.1	388.3	35.3	218	1.78	1.1	<0.1	<0.5	0.6	9	0.1	<0.1	0.1	21	0.18	0.008
11AN3184	Soil				0.7	16.6	11.6	66	<0.1	18.4	8.2	325	3.16	6.1	0.4	<0.5	4.8	11	0.2	0.4	0.2	61	0.19	0.052
11AN3185	Soil				0.6	23.6	8.3	81	<0.1	22.3	11.0	443	2.85	5.2	0.8	1.7	3.4	13	0.1	0.4	0.1	58	0.22	0.073
11AN3186	Soil				0.9	14.2	10.3	36	<0.1	12.9	5.0	177	2.06	6.3	0.6	0.5	0.4	16	0.1	0.4	0.2	54	0.15	0.050
11AN3187	Soil				0.7	17.9	8.2	75	<0.1	25.6	9.7	361	2.86	6.8	0.7	1.2	2.6	13	0.1	0.4	0.1	59	0.22	0.064
11AN3188	Soil				0.6	19.5	8.0	57	<0.1	207.4	18.4	337	2.91	6.9	0.6	1.6	2.7	16	<0.1	0.4	0.1	54	0.18	0.041
11AN3189	Soil				0.6	17.5	8.5	60	<0.1	77.6	10.0	277	2.53	6.2	0.6	0.9	1.2	16	0.1	0.3	0.1	52	0.22	0.048
11AN3190	Soil				0.6	20.8	8.2	54	<0.1	88.0	10.3	264	2.57	7.4	0.6	1.8	2.9	15	<0.1	0.4	0.1	49	0.18	0.043
11AN3191	Soil				0.7	21.8	11.5	64	<0.1	65.6	8.9	347	2.87	7.0	0.7	2.0	3.6	15	0.1	0.4	0.2	57	0.15	0.032
11AN3192	Soil				0.6	22.2	12.3	71	<0.1	90.6	12.5	425	3.04	5.6	0.7	<0.5	3.8	13	<0.1	0.4	0.2	59	0.17	0.046
11AN3193	Soil				0.7	16.7	11.0	62	<0.1	45.3	8.8	292	2.78	7.6	0.7	0.9	2.4	14	0.1	0.4	0.2	56	0.14	0.042
11AN3194	Soil				0.9	18.4	11.2	62	<0.1	50.6	9.7	329	2.79	7.5	0.9	1.9	5.3	13	<0.1	0.4	0.1	57	0.15	0.036
11AN3195	Soil				1.0	20.1	17.6	38	0.1	45.5	6.6	181	1.80	4.2	1.0	3.1	0.4	13	0.3	0.3	0.2	44	0.10	0.061
11AN3196	Soil				0.7	16.0	10.9	60	<0.1	51.0	8.4	269	2.31	4.0	0.7	<0.5	1.8	13	0.2	0.3	0.2	46	0.13	0.033
11AN3197	Soil				0.7	17.5	10.4	59	<0.1	39.5	9.9	326	2.63	7.3	1.2	1.3	5.3	14	0.1	0.4	0.2	54	0.17	0.039
11AN3198	Soil				0.9	18.8	10.5	65	<0.1	55.3	13.8	392	3.16	10.2	0.7	1.0	5.0	11	0.2	0.5	0.2	59	0.12	0.030
11AN3199	Soil				0.5	22.4	6.9	67	<0.1	39.4	15.0	478	3.19	4.2	0.7	0.7	2.0	15	0.1	0.3	<0.1	76	0.23	0.060
11AN3200	Soil				0.8	13.9	7.9	61	<0.1	24.2	9.1	345	2.67	5.8	0.6	1.8	2.7	10	0.2	0.3	0.1	63	0.15	0.041
11AN3201	Soil				0.5	21.9	9.6	75	<0.1	21.2	13.1	476	3.21	4.9	0.5	0.7	3.0	9	0.1	0.3	0.1	68	0.17	0.051
11AN3202	Soil				0.9	14.4	10.8	65	<0.1	16.7	7.5	321	2.92	6.4	0.5	<0.5	2.4	10	0.1	0.5	0.2	68	0.15	0.046
11AN3203	Soil				1.0	22.1	9.8	64	<0.1	22.7	12.2	379	3.43	11.7	0.6	1.4	3.2	12	<0.1	0.5	0.1	72	0.17	0.040
11AN3204	Soil				1.1	22.2	6.3	89	<0.1	24.0	14.2	564	4.25	6.8	0.4	<0.5	1.5	7	0.1	0.3	<0.1	99	0.11	0.055
11AN3205	Soil				0.7	18.9	7.1	76	<0.1	20.9	12.6	418	3.55	5.3	0.4	<0.5	1.8	11	0.1	0.3	<0.1	86	0.22	0.052
11AN3206	Soil				0.8	17.4	9.5	68	<0.1	17.6	9.8	312	3.42	7.6	0.5	2.4	2.7	11	<0.1	0.5	0.1	69	0.15	0.033
11AN3207	Soil				1.0	14.1	12.1	46	<0.1	15.6	7.2	194	2.95	9.3	0.7	<0.5	3.6	12	0.2	0.5	0.2	64	0.14	0.026
11AN3208	Soil				0.8	12.2	13.4	72	<0.1	18.5	12.1	368	3.94	7.4	0.7	1.2	8.7	11	<0.1	1.1	0.1	62	0.18	0.045
11AN3209	Soil				0.5	15.1	10.0	41	<0.1	15.2	6.2	153	2.14	7.6	0.8	2.0	3.3	15	<0.1	0.4	0.2	48	0.21	0.048



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11AN3180	Soil	9	33	0.27	113	0.058	2	1.31	0.005	0.05	0.2	0.04	2.0	0.1	<0.05	7	<0.5	<0.2
11AN3181	Soil	9	38	0.35	116	0.058	1	1.52	0.005	0.05	0.2	0.03	2.0	0.1	<0.05	7	<0.5	<0.2
11AN3182	Soil	10	199	0.73	316	0.030	1	1.44	0.007	0.03	0.1	0.03	2.4	<0.1	<0.05	5	<0.5	<0.2
11AN3183	Soil	2	758	2.38	113	0.050	<1	1.32	0.002	0.04	<0.1	<0.01	5.1	0.1	<0.05	6	<0.5	<0.2
11AN3184	Soil	10	41	1.16	382	0.137	1	2.36	0.007	0.45	0.1	0.02	4.5	0.2	<0.05	8	<0.5	<0.2
11AN3185	Soil	14	59	1.08	359	0.133	<1	2.09	0.008	0.37	1.7	0.02	3.8	0.2	<0.05	6	<0.5	<0.2
11AN3186	Soil	9	24	0.34	199	0.056	1	1.14	0.007	0.05	0.2	0.04	1.5	<0.1	<0.05	6	<0.5	<0.2
11AN3187	Soil	10	57	0.95	280	0.117	2	1.84	0.008	0.19	0.4	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
11AN3188	Soil	12	245	1.55	243	0.088	2	1.76	0.008	0.06	0.3	0.07	3.6	0.2	<0.05	5	<0.5	<0.2
11AN3189	Soil	11	102	0.97	278	0.077	1	1.61	0.008	0.09	0.1	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
11AN3190	Soil	12	84	0.72	233	0.068	1	1.62	0.008	0.07	0.2	0.02	3.2	0.1	<0.05	5	<0.5	<0.2
11AN3191	Soil	13	86	0.83	241	0.122	1	1.68	0.008	0.15	0.3	0.02	3.9	0.2	<0.05	7	<0.5	<0.2
11AN3192	Soil	10	141	1.27	270	0.146	1	2.06	0.006	0.34	0.2	0.02	4.4	0.2	<0.05	7	<0.5	<0.2
11AN3193	Soil	10	74	0.76	167	0.103	1	1.66	0.006	0.17	0.2	0.02	3.0	0.2	<0.05	7	<0.5	<0.2
11AN3194	Soil	14	67	0.81	243	0.108	<1	1.74	0.007	0.15	0.2	0.02	3.6	0.2	<0.05	6	<0.5	<0.2
11AN3195	Soil	11	66	0.43	187	0.042	<1	1.05	0.008	0.08	0.1	0.03	1.2	<0.1	<0.05	6	<0.5	<0.2
11AN3196	Soil	12	84	0.76	164	0.111	1	1.42	0.009	0.16	0.5	0.02	2.3	0.2	<0.05	7	<0.5	<0.2
11AN3197	Soil	19	59	0.72	226	0.099	<1	1.61	0.010	0.10	0.3	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
11AN3198	Soil	10	55	0.76	163	0.095	1	1.90	0.007	0.13	0.3	0.01	3.1	0.1	<0.05	6	<0.5	<0.2
11AN3199	Soil	12	84	1.48	425	0.174	1	2.31	0.008	0.63	0.8	0.02	3.3	0.3	<0.05	7	<0.5	<0.2
11AN3200	Soil	9	49	0.83	164	0.132	1	1.73	0.007	0.21	0.4	0.02	2.3	0.2	<0.05	6	<0.5	<0.2
11AN3201	Soil	7	65	0.91	369	0.118	<1	2.41	0.006	0.34	0.7	0.02	3.3	0.2	<0.05	7	<0.5	<0.2
11AN3202	Soil	9	46	0.78	231	0.116	<1	1.84	0.006	0.24	0.6	0.01	3.3	0.2	<0.05	7	<0.5	<0.2
11AN3203	Soil	8	53	0.99	296	0.129	1	2.32	0.012	0.24	0.2	0.02	2.5	0.2	<0.05	6	<0.5	<0.2
11AN3204	Soil	4	103	1.66	295	0.216	<1	2.73	0.007	0.63	0.2	0.01	1.5	0.3	<0.05	8	<0.5	<0.2
11AN3205	Soil	6	83	1.43	508	0.193	<1	2.45	0.007	0.63	0.4	0.02	2.6	0.3	<0.05	7	<0.5	<0.2
11AN3206	Soil	8	53	0.90	376	0.142	1	2.24	0.008	0.28	0.7	0.03	2.8	0.2	<0.05	7	<0.5	<0.2
11AN3207	Soil	12	37	0.54	240	0.085	1	1.90	0.007	0.07	0.5	0.03	2.7	0.1	<0.05	6	<0.5	<0.2
11AN3208	Soil	13	35	1.02	223	0.148	<1	2.44	0.005	0.54	0.6	0.02	5.8	0.3	<0.05	8	<0.5	<0.2
11AN3209	Soil	17	27	0.45	195	0.067	<1	1.40	0.007	0.07	0.4	0.04	2.4	0.1	<0.05	5	<0.5	<0.2



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	Method Analyte	Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
11AN3210	Soil		0.6	30.2	9.0	81	<0.1	44.3	17.5	482	3.21	5.3	0.3	<0.5	2.3	14	<0.1	0.3	<0.1	74	0.24	0.037
11AN3211	Soil		0.6	24.7	13.7	89	<0.1	20.4	9.6	557	3.11	4.5	1.1	3.4	6.5	16	<0.1	0.9	0.1	57	0.35	0.120
11AN3212	Soil		0.4	13.5	11.4	64	<0.1	17.9	7.9	345	2.81	5.4	0.6	<0.5	2.2	12	0.1	0.3	0.1	63	0.19	0.063
11AN3213	Soil		0.5	18.4	6.6	58	<0.1	23.1	9.1	297	2.50	4.6	0.7	4.7	2.7	13	0.1	0.3	0.1	54	0.24	0.062
11AN3214	Soil		0.8	15.4	9.2	62	<0.1	22.0	9.5	349	3.22	7.9	0.7	1.1	2.8	12	<0.1	0.4	0.2	69	0.17	0.054
11AN3215	Soil		0.5	16.9	8.3	70	<0.1	26.1	10.0	371	2.58	6.5	0.6	1.9	3.6	16	0.1	0.4	0.1	55	0.26	0.058
11AN3216	Soil		0.4	15.0	5.4	61	<0.1	116.9	17.4	503	2.76	3.7	0.6	1.8	2.6	12	0.1	0.2	<0.1	54	0.19	0.043
11AN3217	Soil		0.8	19.0	7.9	66	<0.1	59.6	11.9	395	3.00	6.4	0.8	2.4	4.5	13	<0.1	0.5	0.1	60	0.19	0.037
11AN3218	Soil		0.8	15.7	8.4	68	<0.1	37.2	11.2	388	2.87	7.8	0.6	2.0	3.2	12	0.1	0.5	0.1	56	0.19	0.066
11AN3219	Soil		0.6	19.3	8.2	53	<0.1	44.5	11.3	270	2.62	7.7	0.6	3.0	3.0	14	<0.1	0.4	0.1	51	0.22	0.060
11AN3220	Soil		0.8	11.8	9.1	73	<0.1	32.4	9.9	326	3.10	7.3	0.4	3.8	2.2	9	<0.1	0.6	0.2	65	0.13	0.030
11AN3221	Soil		0.7	11.0	10.2	49	<0.1	26.1	7.5	214	2.47	6.2	0.4	2.3	2.4	9	<0.1	0.6	0.2	58	0.11	0.023
11AN3222	Soil		0.8	16.6	9.0	61	<0.1	20.3	9.6	361	2.77	6.9	0.8	3.7	2.8	12	<0.1	0.6	0.1	60	0.14	0.051
11AN3223	Soil		0.8	13.9	9.1	49	<0.1	18.7	8.3	243	2.49	8.5	0.6	2.3	3.7	11	<0.1	0.4	0.2	57	0.12	0.033
11AN3224	Soil		1.0	13.3	12.6	48	<0.1	16.3	6.8	213	2.89	9.2	0.7	2.6	3.9	10	0.1	0.5	0.2	65	0.10	0.032
11AN3225	Soil		0.5	14.6	8.5	146	<0.1	38.5	14.8	979	4.08	3.3	0.7	1.4	7.0	18	0.2	0.7	<0.1	88	0.34	0.074
11AN3226	Soil		1.1	19.9	9.8	59	<0.1	14.1	9.2	380	3.32	8.9	0.6	0.9	3.3	10	0.2	0.5	0.2	71	0.11	0.033
11AN3227	Soil		1.0	54.9	7.4	57	0.1	15.4	7.8	467	3.15	7.2	0.6	0.8	3.8	11	<0.1	0.5	0.2	64	0.11	0.029
11AN3228	Soil		1.0	21.6	10.3	60	<0.1	22.7	11.8	388	2.84	9.8	1.0	5.5	4.4	13	<0.1	0.7	0.2	62	0.15	0.032
11AN3229	Soil		1.1	17.9	11.4	66	<0.1	17.8	10.2	426	2.91	6.6	0.9	1.8	5.3	8	0.1	5.2	0.2	52	0.12	0.045
11AN3230	Soil		1.3	10.4	9.6	40	<0.1	12.0	5.5	218	2.24	9.0	1.2	2.4	7.8	10	<0.1	0.9	0.2	52	0.11	0.021
11AN3231	Soil		0.9	20.5	8.9	44	<0.1	17.2	9.2	278	2.56	11.5	1.9	2.1	11.5	13	<0.1	1.0	0.2	54	0.13	0.019
11AN3232	Soil		0.9	22.7	9.5	43	<0.1	16.7	7.9	205	2.34	18.4	2.4	3.9	11.6	10	<0.1	1.7	0.2	49	0.10	0.016
11AN3233	Soil		0.9	18.2	8.2	41	<0.1	15.6	7.2	198	2.29	18.9	1.6	2.6	11.0	10	<0.1	1.7	0.2	47	0.09	0.017
11AN3234	Soil		1.7	14.4	9.5	47	<0.1	14.5	7.0	307	2.77	9.4	1.4	2.4	13.9	11	<0.1	1.2	0.2	54	0.12	0.023
11AN3235	Soil		0.9	13.4	8.8	39	<0.1	15.0	6.1	163	2.16	7.9	1.0	2.7	12.6	10	<0.1	0.7	0.2	47	0.10	0.019
11AN3236	Soil		1.0	10.6	11.0	45	<0.1	14.4	7.0	229	2.77	9.5	0.5	2.5	4.1	9	0.1	0.5	0.2	63	0.09	0.049
11AN3237	Soil		0.7	7.6	6.1	30	<0.1	11.5	5.2	162	1.82	6.0	0.5	1.7	5.7	13	<0.1	0.8	0.1	42	0.19	0.033
11AN3238	Soil		0.8	12.2	8.3	44	0.1	19.9	8.7	215	2.49	9.0	0.6	3.4	6.1	10	<0.1	0.6	0.2	60	0.10	0.021
11AN3239	Soil		0.7	17.2	7.6	41	<0.1	19.8	9.2	209	2.40	7.8	0.9	1.4	8.2	14	<0.1	0.6	0.1	55	0.18	0.031



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11AN3210	Soil	8	161	1.91	754	0.186	1	3.15	0.007	0.53	0.2	0.01	2.5	0.2	<0.05	7	<0.5	<0.2
11AN3211	Soil	23	52	1.32	516	0.126	<1	2.49	0.007	0.52	0.3	0.02	5.1	0.3	<0.05	6	<0.5	<0.2
11AN3212	Soil	9	48	1.06	301	0.127	<1	2.18	0.006	0.28	0.1	0.02	3.3	0.2	<0.05	8	<0.5	<0.2
11AN3213	Soil	13	65	0.90	296	0.109	<1	1.88	0.011	0.20	0.4	0.02	3.0	0.1	<0.05	6	<0.5	<0.2
11AN3214	Soil	13	57	0.80	273	0.105	1	2.08	0.007	0.14	0.3	0.03	3.5	0.1	<0.05	7	<0.5	<0.2
11AN3215	Soil	14	59	0.96	251	0.113	1	1.90	0.011	0.14	0.1	0.02	3.2	0.2	<0.05	6	<0.5	<0.2
11AN3216	Soil	12	305	1.31	289	0.157	1	1.78	0.008	0.36	0.1	<0.01	3.5	0.2	<0.05	6	<0.5	<0.2
11AN3217	Soil	14	108	1.01	290	0.137	1	2.07	0.007	0.20	0.2	0.06	3.9	0.2	<0.05	6	<0.5	<0.2
11AN3218	Soil	10	71	0.83	194	0.109	1	2.00	0.007	0.12	0.2	0.05	2.6	0.2	<0.05	5	<0.5	<0.2
11AN3219	Soil	11	61	0.68	173	0.074	1	1.73	0.007	0.06	0.1	0.02	2.7	0.1	<0.05	4	<0.5	<0.2
11AN3220	Soil	6	53	0.97	195	0.143	<1	2.27	0.006	0.13	0.1	0.02	2.3	0.1	<0.05	7	<0.5	<0.2
11AN3221	Soil	9	42	0.63	172	0.112	<1	1.85	0.006	0.09	0.1	0.01	2.2	0.1	<0.05	7	<0.5	<0.2
11AN3222	Soil	11	43	0.84	300	0.124	1	2.11	0.011	0.20	0.1	0.10	3.3	0.2	<0.05	7	<0.5	<0.2
11AN3223	Soil	11	38	0.61	183	0.098	1	1.81	0.007	0.08	0.2	0.02	2.9	0.1	<0.05	5	<0.5	<0.2
11AN3224	Soil	13	35	0.50	150	0.071	7	1.84	0.006	0.05	0.2	0.03	2.7	0.1	<0.05	6	<0.5	<0.2
11AN3225	Soil	19	93	2.06	964	0.246	1	3.16	0.012	0.91	0.2	0.01	12.5	0.6	<0.05	11	<0.5	<0.2
11AN3226	Soil	10	39	0.80	197	0.105	<1	2.25	0.010	0.13	0.2	0.02	3.8	0.1	<0.05	7	<0.5	<0.2
11AN3227	Soil	8	33	0.91	331	0.104	<1	2.64	0.009	0.12	0.1	0.03	5.6	0.1	<0.05	8	<0.5	<0.2
11AN3228	Soil	13	41	0.72	255	0.096	1	2.23	0.011	0.07	0.2	0.03	4.8	0.1	<0.05	6	0.6	<0.2
11AN3229	Soil	8	39	0.81	163	0.057	1	2.10	0.005	0.11	0.6	0.06	3.4	0.1	<0.05	6	<0.5	<0.2
11AN3230	Soil	20	25	0.48	175	0.090	1	1.41	0.007	0.08	0.1	0.15	3.0	0.1	<0.05	6	<0.5	<0.2
11AN3231	Soil	34	32	0.54	232	0.093	2	1.72	0.011	0.08	0.2	0.28	4.1	0.1	<0.05	5	<0.5	<0.2
11AN3232	Soil	26	29	0.46	178	0.077	1	1.65	0.008	0.07	0.2	0.49	3.8	0.2	<0.05	5	<0.5	<0.2
11AN3233	Soil	33	27	0.49	184	0.081	1	1.48	0.010	0.11	0.2	0.69	3.7	0.2	<0.05	5	<0.5	<0.2
11AN3234	Soil	24	28	0.55	226	0.094	1	1.77	0.007	0.12	0.2	0.26	3.9	0.2	<0.05	6	<0.5	<0.2
11AN3235	Soil	30	26	0.44	190	0.066	<1	1.58	0.008	0.06	0.1	0.08	3.1	0.1	<0.05	5	<0.5	<0.2
11AN3236	Soil	11	28	0.38	155	0.063	1	1.78	0.009	0.06	0.2	0.03	2.6	<0.1	<0.05	6	<0.5	<0.2
11AN3237	Soil	7	23	0.39	112	0.063	<1	1.27	0.005	0.07	0.2	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
11AN3238	Soil	12	44	0.59	105	0.085	1	1.67	0.007	0.09	0.1	0.03	3.2	0.1	<0.05	6	<0.5	<0.2
11AN3239	Soil	19	48	0.66	149	0.084	1	1.56	0.011	0.07	0.2	0.02	2.8	0.1	<0.05	5	<0.5	<0.2



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		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
11AN3240	Soil	0.6	16.7	7.8	41	<0.1	17.8	9.2	252	2.22	7.7	0.8	2.1	5.3	16	<0.1	0.5	0.1	51	0.19
11AN3241	Soil	0.8	16.9	8.2	42	<0.1	18.6	9.4	240	2.34	7.8	0.8	3.2	5.5	16	<0.1	0.5	0.1	52	0.18
11AN3242	Soil	0.6	9.1	4.0	22	<0.1	17.3	11.6	220	2.44	3.8	0.5	<0.5	3.9	7	<0.1	0.2	<0.1	60	0.21
11AN3243	Soil	0.5	5.8	6.0	32	<0.1	11.1	10.2	200	2.29	3.5	0.4	0.6	2.3	11	0.1	0.3	<0.1	54	0.24
11AN3244	Soil	0.9	7.7	7.5	34	<0.1	13.7	8.5	257	2.32	5.4	1.1	0.8	5.4	13	<0.1	0.5	0.1	54	0.25
11AN3245	Soil	1.0	8.5	9.0	37	<0.1	14.2	7.4	245	2.36	7.4	1.0	1.1	4.7	13	<0.1	0.5	0.2	58	0.19
11AN3246	Soil	0.8	12.6	10.6	51	<0.1	19.2	8.5	338	2.54	10.0	0.8	2.4	5.4	11	0.2	0.5	0.2	61	0.13
11AN3247	Soil	0.8	12.2	10.7	41	<0.1	15.0	6.6	203	2.19	8.4	0.9	5.9	7.9	16	<0.1	0.6	0.2	45	0.13
11AN3248	Soil	0.4	10.4	4.3	27	<0.1	7.2	4.6	139	1.28	4.3	1.7	0.6	11.5	5	<0.1	0.6	0.1	24	0.05
11AN3249	Soil	0.6	15.1	7.1	52	<0.1	18.9	8.9	275	2.58	6.3	1.5	1.3	11.2	10	<0.1	0.5	0.1	52	0.15
11AN3250	Soil	0.4	9.5	7.0	42	<0.1	19.0	9.7	372	2.69	2.7	2.8	1.1	8.4	14	<0.1	0.4	0.3	67	0.41
11AN3251	Soil	0.5	7.0	5.3	36	<0.1	9.3	5.2	217	1.85	3.2	1.3	6.3	6.9	9	<0.1	0.4	0.1	37	0.17
11AN3252	Soil	0.8	12.6	9.1	45	<0.1	11.6	5.6	205	2.01	5.6	1.8	7.9	2.6	8	<0.1	0.5	0.2	37	0.11
11AN3253	Soil	0.8	14.5	7.1	41	<0.1	10.8	5.6	209	1.81	5.4	2.0	5.9	8.0	8	<0.1	0.7	0.2	33	0.11
11AN3254	Soil	0.7	13.2	6.3	37	<0.1	9.4	5.5	206	1.62	4.6	1.8	2.1	8.1	7	<0.1	0.7	0.1	28	0.11
11AN3255	Soil	0.7	11.9	7.4	39	<0.1	10.2	6.6	256	1.90	4.7	1.8	1.3	9.5	6	<0.1	0.7	0.1	36	0.10
11AN3256	Soil	0.6	10.8	4.7	35	<0.1	7.8	6.0	225	1.65	2.7	1.8	0.6	11.1	6	<0.1	0.6	0.2	27	0.12
11AN3187 Dup	Soil	0.3	15.4	6.5	78	<0.1	164.8	16.6	506	3.12	3.2	0.4	2.9	3.2	13	<0.1	0.2	0.1	52	0.22



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11AN3240	Soil	16	37	0.55	191	0.082	1	1.37	0.009	0.06	0.1	0.02	2.8	0.1	<0.05	4	<0.5	<0.2
11AN3241	Soil	17	36	0.53	201	0.081	1	1.39	0.008	0.05	0.2	0.03	3.0	<0.1	<0.05	4	<0.5	<0.2
11AN3242	Soil	7	99	1.14	171	0.128	<1	1.70	0.008	0.50	0.1	<0.01	2.9	0.2	<0.05	6	<0.5	<0.2
11AN3243	Soil	9	67	1.00	194	0.140	<1	1.70	0.009	0.37	0.2	<0.01	2.0	0.2	<0.05	6	<0.5	<0.2
11AN3244	Soil	18	56	0.75	149	0.100	1	1.52	0.009	0.17	0.1	0.04	2.8	0.1	<0.05	5	<0.5	<0.2
11AN3245	Soil	17	40	0.54	159	0.081	1	1.37	0.008	0.08	0.2	0.02	2.7	<0.1	<0.05	5	<0.5	<0.2
11AN3246	Soil	17	37	0.50	224	0.071	1	1.67	0.010	0.08	0.2	0.02	2.8	0.1	<0.05	6	<0.5	<0.2
11AN3247	Soil	13	30	0.52	166	0.087	1	1.41	0.007	0.17	0.2	0.01	3.0	0.2	<0.05	5	<0.5	<0.2
11AN3248	Soil	13	15	0.54	100	0.064	1	1.01	0.006	0.17	0.1	<0.01	4.0	0.1	<0.05	5	<0.5	<0.2
11AN3249	Soil	24	46	0.91	142	0.127	1	1.90	0.009	0.28	0.2	0.01	3.9	0.3	<0.05	7	<0.5	<0.2
11AN3250	Soil	26	96	1.27	282	0.155	<1	1.97	0.011	0.66	0.2	0.03	5.8	0.3	<0.05	8	<0.5	<0.2
11AN3251	Soil	21	27	0.54	139	0.103	<1	1.37	0.007	0.25	0.1	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
11AN3252	Soil	27	21	0.33	153	0.053	<1	1.50	0.005	0.08	0.1	0.08	1.9	0.2	<0.05	5	<0.5	<0.2
11AN3253	Soil	27	20	0.37	138	0.075	<1	1.28	0.004	0.10	0.1	0.14	3.3	0.1	<0.05	5	0.7	<0.2
11AN3254	Soil	26	19	0.37	114	0.074	<1	1.07	0.004	0.13	0.1	0.12	2.9	0.2	<0.05	4	<0.5	<0.2
11AN3255	Soil	25	23	0.53	133	0.099	<1	1.34	0.005	0.22	0.2	0.12	3.6	0.2	<0.05	5	<0.5	<0.2
11AN3256	Soil	29	17	0.62	169	0.101	<1	1.16	0.004	0.39	0.1	0.07	3.4	0.3	<0.05	5	<0.5	<0.2
11AN3187 Dup	Soil	16	395	2.27	469	0.170	<1	2.07	0.007	0.54	0.3	<0.01	6.7	0.5	<0.05	8	<0.5	<0.2



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QUALITY CONTROL REPORT

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		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
Pulp Duplicates																					
11AN3007	Soil	0.9	20.3	13.4	53	<0.1	19.0	8.5	284	2.57	8.6	1.7	1.3	14.5	9	<0.1	0.6	0.2	51	0.08	0.019
REP 11AN3007	QC	0.9	20.2	13.5	51	<0.1	18.6	8.3	282	2.52	8.8	1.7	2.3	14.5	9	<0.1	0.7	0.2	52	0.09	0.019
11AN3024	Soil	1.4	18.5	12.2	58	<0.1	18.8	9.3	365	2.96	8.9	1.9	0.6	11.3	12	0.2	0.9	0.2	48	0.11	0.030
REP 11AN3024	QC	1.3	19.4	12.3	61	<0.1	19.1	9.2	364	2.87	9.3	1.9	2.3	11.6	12	0.2	0.8	0.2	48	0.11	0.031
11AN3047	Soil	1.2	20.3	11.0	61	<0.1	21.0	9.3	386	2.41	7.5	1.7	2.9	7.1	13	<0.1	0.8	0.2	45	0.14	0.036
REP 11AN3047	QC	1.1	20.1	10.7	56	<0.1	20.4	9.0	393	2.33	7.7	1.6	1.7	7.2	13	<0.1	0.8	0.1	43	0.14	0.037
11AN3062	Soil	0.7	17.4	12.3	71	<0.1	15.6	9.4	372	3.25	9.3	3.5	2.6	14.8	13	0.1	0.6	0.1	49	0.12	0.027
REP 11AN3062	QC	0.9	17.5	12.3	70	<0.1	16.3	9.0	360	3.23	9.2	3.4	5.2	14.6	12	<0.1	0.5	0.1	49	0.12	0.027
11AN3078	Soil	0.5	11.6	8.4	91	<0.1	8.1	14.2	563	4.24	4.1	0.4	1.3	6.3	15	<0.1	0.2	0.1	68	0.24	0.094
REP 11AN3078	QC	0.5	11.8	8.8	93	<0.1	8.3	14.8	589	4.45	4.0	0.5	1.1	6.4	15	<0.1	0.2	<0.1	73	0.25	0.094
11AN3095	Soil	1.4	20.9	13.7	59	<0.1	18.9	6.8	278	2.91	9.4	0.8	1.7	4.9	11	<0.1	0.4	0.2	74	0.12	0.033
REP 11AN3095	QC	1.5	20.8	14.1	59	<0.1	19.5	7.1	273	2.89	9.5	0.9	1.6	5.0	11	0.1	0.4	0.2	76	0.12	0.036
11AN3111	Soil	1.8	33.7	19.5	63	0.2	22.3	9.0	330	2.84	29.3	1.5	1.7	5.5	15	0.2	1.2	0.3	58	0.09	0.032
REP 11AN3111	QC	1.9	34.0	19.7	65	0.2	23.0	9.8	330	2.99	31.0	1.5	2.5	5.5	16	0.2	1.2	0.3	60	0.09	0.032
11AN3137	Soil	1.0	20.5	9.4	50	<0.1	20.9	13.0	236	2.80	10.4	0.6	2.3	3.8	11	0.1	0.6	0.2	57	0.11	0.020
REP 11AN3137	QC	1.0	21.2	10.0	50	<0.1	21.6	13.4	236	2.79	10.0	0.6	1.2	4.0	11	0.1	0.6	0.2	57	0.11	0.019
11AN3145	Soil	1.1	33.4	10.5	64	0.2	24.7	15.4	423	3.41	10.1	1.3	5.6	3.9	17	0.2	0.6	0.2	69	0.18	0.045
REP 11AN3145	QC	0.9	32.8	10.4	58	0.1	24.9	15.0	414	3.35	10.4	1.3	5.1	3.8	17	0.2	0.7	0.2	71	0.18	0.044
11AN3169	Soil	1.1	19.1	11.6	71	<0.1	18.5	9.1	289	3.18	102.0	0.9	1.3	6.2	13	<0.1	2.1	0.2	62	0.09	0.023
REP 11AN3169	QC	1.2	19.0	11.5	71	<0.1	18.2	9.1	284	3.13	99.4	0.9	1.5	6.1	13	0.1	2.1	0.2	62	0.10	0.023
11AN3190	Soil	0.6	20.8	8.2	54	<0.1	88.0	10.3	264	2.57	7.4	0.6	1.8	2.9	15	<0.1	0.4	0.1	49	0.18	0.043
REP 11AN3190	QC	0.6	20.3	8.3	55	<0.1	88.1	10.1	272	2.54	7.5	0.6	2.4	2.8	15	<0.1	0.3	0.1	48	0.18	0.044
11AN3204	Soil	1.1	22.2	6.3	89	<0.1	24.0	14.2	564	4.25	6.8	0.4	<0.5	1.5	7	0.1	0.3	<0.1	99	0.11	0.055
REP 11AN3204	QC	1.0	22.3	8.2	85	<0.1	23.6	13.7	546	4.15	6.6	0.4	<0.5	1.5	8	0.2	0.3	<0.1	99	0.12	0.055
11AN3219	Soil	0.6	19.3	8.2	53	<0.1	44.5	11.3	270	2.62	7.7	0.6	3.0	3.0	14	<0.1	0.4	0.1	51	0.22	0.060
REP 11AN3219	QC	0.6	19.0	8.4	50	<0.1	43.6	11.2	271	2.51	7.2	0.6	3.8	3.0	14	<0.1	0.4	0.1	50	0.22	0.062
11AN3236	Soil	1.0	10.6	11.0	45	<0.1	14.4	7.0	229	2.77	9.5	0.5	2.5	4.1	9	0.1	0.5	0.2	63	0.09	0.049
REP 11AN3236	QC	1.0	10.4	10.5	45	<0.1	15.1	7.1	227	2.75	9.4	0.5	1.0	4.1	9	0.1	0.5	0.2	63	0.09	0.048



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Project: Mariposa

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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
11AN3007	Soil	38	28	0.54	181	0.077	<1	1.77	0.006	0.07	0.1	0.07	5.0	0.2	<0.05	6	<0.5	<0.2
REP 11AN3007	QC	39	29	0.54	183	0.081	<1	1.74	0.007	0.08	0.1	0.07	5.1	0.2	<0.05	5	<0.5	<0.2
11AN3024	Soil	38	25	0.48	215	0.076	1	1.72	0.007	0.12	0.1	0.06	3.5	0.2	<0.05	5	<0.5	<0.2
REP 11AN3024	QC	38	25	0.49	220	0.077	<1	1.73	0.007	0.13	0.2	0.05	3.7	0.2	<0.05	6	<0.5	<0.2
11AN3047	Soil	24	25	0.48	236	0.062	2	1.47	0.007	0.08	0.1	0.25	3.6	0.2	<0.05	5	<0.5	<0.2
REP 11AN3047	QC	24	26	0.47	229	0.062	2	1.49	0.008	0.08	0.2	0.23	3.5	0.1	<0.05	4	0.6	<0.2
11AN3062	Soil	65	31	0.62	169	0.094	2	2.03	0.009	0.31	0.3	0.05	4.2	0.4	0.06	7	<0.5	<0.2
REP 11AN3062	QC	64	31	0.62	163	0.091	1	2.05	0.008	0.31	0.3	0.06	4.1	0.4	0.06	7	0.9	<0.2
11AN3078	Soil	16	21	1.70	291	0.244	1	3.22	0.008	0.92	0.1	0.01	1.5	0.5	<0.05	9	<0.5	<0.2
REP 11AN3078	QC	16	21	1.77	297	0.262	<1	3.39	0.008	0.96	0.2	0.01	1.7	0.5	<0.05	9	<0.5	<0.2
11AN3095	Soil	12	34	0.54	127	0.113	1	1.66	0.006	0.18	0.2	0.03	2.7	0.2	<0.05	7	<0.5	<0.2
REP 11AN3095	QC	13	33	0.57	132	0.111	1	1.70	0.007	0.18	0.1	0.01	2.5	0.2	<0.05	7	<0.5	<0.2
11AN3111	Soil	17	32	0.30	213	0.037	2	1.57	0.007	0.06	0.2	0.06	4.0	0.2	<0.05	5	0.6	<0.2
REP 11AN3111	QC	18	35	0.32	219	0.044	2	1.58	0.007	0.06	0.1	0.07	4.1	0.3	<0.05	6	0.6	<0.2
11AN3137	Soil	10	32	0.56	182	0.070	7	2.15	0.011	0.05	0.2	0.03	3.4	<0.1	<0.05	5	<0.5	<0.2
REP 11AN3137	QC	10	32	0.57	175	0.072	<1	2.13	0.011	0.05	0.2	0.03	3.4	<0.1	<0.05	5	<0.5	<0.2
11AN3145	Soil	14	35	0.60	567	0.100	<1	2.02	0.018	0.09	0.3	0.03	4.3	0.1	0.06	6	0.9	<0.2
REP 11AN3145	QC	14	35	0.61	560	0.105	1	2.04	0.018	0.09	0.3	0.04	4.3	0.1	0.06	6	0.7	<0.2
11AN3169	Soil	15	32	0.48	179	0.084	<1	1.93	0.010	0.08	0.2	0.53	3.7	0.3	<0.05	6	<0.5	<0.2
REP 11AN3169	QC	15	32	0.48	177	0.088	<1	1.98	0.008	0.08	0.2	0.52	3.7	0.3	<0.05	7	<0.5	<0.2
11AN3190	Soil	12	84	0.72	233	0.068	1	1.62	0.008	0.07	0.2	0.02	3.2	0.1	<0.05	5	<0.5	<0.2
REP 11AN3190	QC	11	84	0.72	227	0.070	2	1.56	0.009	0.07	0.2	0.02	3.1	0.1	<0.05	5	<0.5	<0.2
11AN3204	Soil	4	103	1.66	295	0.216	<1	2.73	0.007	0.63	0.2	0.01	1.5	0.3	<0.05	8	<0.5	<0.2
REP 11AN3204	QC	5	100	1.63	285	0.228	<1	2.73	0.008	0.61	0.3	0.02	1.6	0.2	<0.05	8	<0.5	<0.2
11AN3219	Soil	11	61	0.68	173	0.074	1	1.73	0.007	0.06	0.1	0.02	2.7	0.1	<0.05	4	<0.5	<0.2
REP 11AN3219	QC	11	59	0.68	178	0.075	1	1.71	0.008	0.06	0.2	0.02	2.7	0.1	<0.05	4	<0.5	<0.2
11AN3236	Soil	11	28	0.38	155	0.063	1	1.78	0.009	0.06	0.2	0.03	2.6	<0.1	<0.05	6	<0.5	<0.2
REP 11AN3236	QC	11	29	0.37	156	0.059	1	1.74	0.006	0.06	0.2	0.03	2.6	<0.1	<0.05	6	<0.5	<0.2



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Project: Mariposa

Report Date: November 19, 2011

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QUALITY CONTROL REPORT

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		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
11AN3254	Soil	0.7	13.2	6.3	37	<0.1	9.4	5.5	206	1.62	4.6	1.8	2.1	8.1	7	<0.1	0.7	0.1	28	0.11	0.041
REP 11AN3254	QC	0.7	13.7	6.3	37	<0.1	9.9	5.6	204	1.64	4.6	1.8	<0.5	7.9	7	<0.1	0.6	0.1	29	0.10	0.041
Reference Materials																					
STD DS8	Standard	12.7	108.4	121.1	302	1.8	37.1	7.4	580	2.40	24.0	3.0	114.6	7.2	63	2.2	5.4	7.0	40	0.63	0.078
STD DS8	Standard	14.3	116.3	133.9	322	1.8	40.2	8.1	627	2.58	24.8	3.0	128.5	7.4	66	2.2	5.7	6.7	50	0.70	0.076
STD DS8	Standard	12.6	112.7	123.6	295	1.7	36.2	7.2	579	2.33	22.8	3.0	114.9	7.6	73	2.3	5.8	7.1	38	0.67	0.072
STD DS8	Standard	13.2	107.3	122.7	288	1.7	37.4	7.7	587	2.28	24.2	2.8	104.6	7.0	67	2.3	5.7	7.3	43	0.69	0.073
STD DS8	Standard	14.2	116.6	136.0	325	1.9	40.5	8.1	643	2.55	25.5	3.1	130.1	7.7	77	2.3	6.1	7.0	44	0.73	0.077
STD DS8	Standard	13.6	115.4	132.7	308	1.8	39.0	7.6	617	2.45	24.7	3.0	120.1	7.2	65	2.4	5.6	7.5	44	0.69	0.077
STD DS8	Standard	11.9	98.4	114.0	282	1.5	34.9	6.8	550	2.24	23.0	2.7	96.1	6.5	62	2.1	5.2	6.1	39	0.62	0.071
STD DS8	Standard	13.4	113.7	122.7	319	1.8	41.0	7.7	612	2.52	25.0	2.5	111.4	6.2	61	2.1	4.9	6.1	41	0.70	0.075
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.03	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



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QUALITY CONTROL REPORT

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		1DX15 La ppm	1DX15 Cr ppm	1DX15 Mg %	1DX15 Ba ppm	1DX15 Ti %	1DX15 B ppm	1DX15 Al %	1DX15 Na %	1DX15 K %	1DX15 W ppm	1DX15 Hg ppm	1DX15 Sc ppm	1DX15 Ti ppm	1DX15 S %	1DX15 Ga ppm	1DX15 Se ppm	1DX15 Te ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11AN3254	Soil	26	19	0.37	114	0.074	<1	1.07	0.004	0.13	0.1	0.12	2.9	0.2	<0.05	4	<0.5	<0.2
REP 11AN3254	QC	26	19	0.36	111	0.074	<1	1.05	0.004	0.13	0.1	0.12	3.0	0.2	<0.05	4	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	112	0.58	261	0.110	2	0.84	0.086	0.39	2.8	0.19	2.2	5.3	0.14	5	5.0	4.6
STD DS8	Standard	16	122	0.62	268	0.125	2	0.96	0.091	0.41	3.0	0.23	2.1	5.5	0.20	5	5.1	5.5
STD DS8	Standard	15	109	0.58	274	0.120	2	0.90	0.117	0.43	2.8	0.19	3.2	5.0	0.14	5	4.3	4.9
STD DS8	Standard	16	120	0.57	288	0.121	2	0.90	0.101	0.43	3.0	0.21	2.6	5.4	0.13	5	4.8	4.8
STD DS8	Standard	17	121	0.60	283	0.138	3	0.94	0.107	0.45	2.9	0.24	2.6	5.9	0.17	5	5.6	5.2
STD DS8	Standard	16	122	0.60	287	0.119	3	0.92	0.106	0.47	3.0	0.20	2.8	5.6	0.14	5	4.4	4.8
STD DS8	Standard	15	108	0.57	246	0.108	4	0.84	0.082	0.38	2.7	0.16	2.0	4.7	0.17	4	4.8	4.3
STD DS8	Standard	15	122	0.61	275	0.119	3	0.89	0.086	0.41	3.0	0.19	2.4	5.4	0.16	5	5.1	5.3
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



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Submitted By: Janice Fingler

Receiving Lab: Canada-Whitehorse

Received: September 17, 2011

Report Date: December 04, 2011

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CERTIFICATE OF ANALYSIS

WHI11001443.1

CLIENT JOB INFORMATION

Project: Mariposa
Shipment ID: 11MPS37
P.O. Number
Number of Samples: 263

SAMPLE DISPOSAL

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

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

Invoice To: Pacific Ridge Exploration Ltd.
1100 - 1199 West Hastings Street
Vancouver BC V6E 3T5
Canada

CC: Janice Fingler
Katie Dodd
John Brock

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	263	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	263	Dry at 60C			WHI
RJSV	263	Saving all or part of Soil Reject			WHI
1DX2	263	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



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



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Project: Mariposa
Report Date: December 04, 2011

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CERTIFICATE OF ANALYSIS

WHI11001443.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
11MS3000	Soil	1.0	10.6	9.7	46	<0.1	9.8	6.6	299	2.31	5.6	2.6	0.7	8.1	13	<0.1	1.1	0.2	45	0.14	0.048
11MS3001	Soil	1.0	9.7	8.7	43	<0.1	9.7	5.4	242	2.29	5.9	1.8	1.4	8.8	11	<0.1	0.7	0.2	48	0.12	0.038
11MS3002	Soil	0.6	9.4	5.9	51	<0.1	10.0	6.9	332	2.56	4.0	1.9	1.7	12.2	11	<0.1	0.8	0.2	42	0.16	0.047
11MS3003	Soil	1.2	11.6	6.8	62	<0.1	11.9	11.3	488	3.38	4.0	2.3	1.0	14.4	11	<0.1	0.9	0.2	57	0.22	0.093
11MS3004	Soil	0.9	9.4	7.6	48	<0.1	10.3	6.1	284	2.52	6.8	1.6	1.3	9.6	10	<0.1	1.1	0.2	49	0.12	0.035
11MS3005	Soil	0.8	10.4	7.1	47	<0.1	11.6	6.9	282	2.49	5.3	1.9	3.8	11.3	11	<0.1	1.5	0.2	47	0.11	0.029
11MS3006	Soil	0.8	9.0	6.9	43	<0.1	9.1	6.5	308	2.27	4.5	2.6	0.9	12.1	12	<0.1	1.2	0.2	43	0.13	0.033
11MS3007	Soil	1.1	8.9	7.5	44	<0.1	10.3	5.8	256	2.49	6.9	1.6	3.0	9.1	11	<0.1	0.9	0.2	48	0.10	0.035
11MS3008	Soil	1.0	10.5	9.6	47	<0.1	11.7	6.8	272	2.71	8.1	1.7	1.5	9.8	11	<0.1	1.0	0.2	52	0.11	0.035
11MS3009	Soil	1.0	12.6	8.9	43	<0.1	10.2	6.3	304	2.22	5.7	2.1	1.5	9.6	11	<0.1	0.7	0.2	46	0.13	0.034
11MS3010	Soil	0.6	12.1	4.1	43	<0.1	8.0	6.6	300	2.35	2.8	2.8	0.7	18.7	6	<0.1	1.4	0.2	30	0.08	0.038
11MS3011	Soil	1.1	10.3	9.6	46	<0.1	11.1	7.1	328	2.28	6.7	1.7	2.1	11.5	10	<0.1	0.8	0.2	42	0.10	0.033
11MS3012	Soil	1.3	14.6	12.7	48	<0.1	12.9	9.0	458	2.47	7.5	2.4	2.2	9.7	14	<0.1	0.8	0.2	49	0.12	0.057
11MS3013	Soil	0.8	8.8	7.0	47	<0.1	8.6	8.6	420	2.50	6.1	2.6	1.8	14.5	7	<0.1	1.7	0.2	37	0.07	0.044
11MS3014	Soil	0.9	12.9	8.3	48	<0.1	13.7	7.6	276	2.52	7.9	1.6	2.5	12.5	10	<0.1	0.9	0.2	45	0.10	0.032
11MS3015	Soil	1.0	11.0	8.4	46	<0.1	12.1	5.7	263	2.15	6.6	1.1	3.8	8.4	11	<0.1	0.7	0.2	42	0.11	0.031
11MS3016	Soil	0.6	9.5	5.6	39	<0.1	10.3	5.5	263	1.67	4.1	1.4	1.9	8.7	11	<0.1	0.6	0.1	31	0.14	0.033
11MS3017	Soil	0.9	13.7	7.7	46	<0.1	13.5	6.5	274	2.10	6.0	1.6	1.4	11.3	11	<0.1	0.8	0.1	40	0.12	0.027
11MS3018	Soil	1.2	9.9	8.6	46	<0.1	12.8	6.2	307	2.33	7.0	1.0	1.0	8.4	12	<0.1	0.8	0.2	43	0.13	0.033
11MS3019	Soil	1.5	10.4	9.4	43	<0.1	11.7	5.3	283	2.38	7.1	1.1	0.9	8.0	12	<0.1	0.9	0.2	53	0.12	0.036
11MS3020	Soil	1.2	10.1	8.6	45	<0.1	12.4	6.3	268	2.47	8.6	0.7	11.0	6.5	9	<0.1	0.9	0.2	50	0.08	0.033
11MS3021	Soil	1.0	9.6	10.9	34	<0.1	10.2	5.6	278	1.99	6.7	0.8	1.9	4.6	12	<0.1	0.6	0.2	47	0.11	0.031
11MS3022	Soil	2.1	18.7	14.4	57	<0.1	18.9	11.6	457	2.45	18.1	1.8	1.9	10.9	16	0.2	3.2	0.2	43	0.14	0.026
11MS3023	Soil	2.1	19.4	10.4	56	<0.1	17.6	10.2	391	2.67	11.1	2.0	2.3	10.4	15	<0.1	2.3	0.2	52	0.14	0.037
11MS3024	Soil	2.0	15.9	10.1	58	<0.1	15.6	9.9	363	3.00	9.1	1.7	1.3	10.4	12	0.1	1.7	0.2	59	0.12	0.046
11MS3025	Soil	1.4	14.3	9.9	57	<0.1	15.2	8.3	385	2.68	7.8	1.3	1.2	10.7	11	0.1	1.2	0.2	55	0.12	0.035
11MS3026	Soil	1.2	13.1	8.9	53	<0.1	16.2	8.3	344	3.06	7.3	1.5	2.9	12.0	14	0.1	0.8	0.2	61	0.18	0.052
11MS3027	Soil	1.2	15.6	11.2	48	<0.1	15.8	7.4	276	2.96	9.8	1.1	2.4	7.9	15	<0.1	1.3	0.2	62	0.14	0.036
11MS3028	Soil	0.9	20.7	9.5	53	<0.1	21.0	10.3	386	2.82	8.7	1.4	3.3	10.2	20	0.1	1.7	0.2	55	0.17	0.026
11MS3029	Soil	1.4	22.4	12.1	52	<0.1	19.7	8.9	384	2.93	9.0	1.5	3.8	10.4	19	<0.1	1.7	0.2	60	0.16	0.028



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Project: Mariposa
Report Date: December 04, 2011

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CERTIFICATE OF ANALYSIS

WHI11001443.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11MS3000	Soil	48	22	0.52	210	0.102	2	1.42	0.011	0.20	0.2	0.09	3.2	0.2	<0.05	7	<0.5	<0.2
11MS3001	Soil	39	21	0.52	163	0.118	1	1.42	0.007	0.19	0.2	0.02	3.0	0.2	<0.05	7	0.5	<0.2
11MS3002	Soil	32	25	0.69	164	0.129	<1	1.47	0.009	0.49	0.2	0.02	3.5	0.3	<0.05	7	<0.5	<0.2
11MS3003	Soil	48	29	0.79	196	0.148	1	1.64	0.008	0.66	0.4	0.02	5.0	0.4	<0.05	8	<0.5	<0.2
11MS3004	Soil	36	21	0.56	165	0.116	1	1.54	0.008	0.19	0.2	0.03	3.1	0.2	<0.05	7	<0.5	<0.2
11MS3005	Soil	43	22	0.61	177	0.116	2	1.60	0.009	0.28	0.2	0.05	3.4	0.2	<0.05	6	<0.5	<0.2
11MS3006	Soil	55	19	0.63	229	0.120	<1	1.46	0.008	0.32	0.2	0.04	3.7	0.2	<0.05	7	0.8	<0.2
11MS3007	Soil	38	22	0.57	156	0.106	<1	1.61	0.007	0.18	0.2	0.03	3.3	0.2	<0.05	6	<0.5	<0.2
11MS3008	Soil	32	25	0.55	151	0.095	1	1.66	0.007	0.15	0.2	0.05	3.4	0.2	<0.05	7	<0.5	<0.2
11MS3009	Soil	43	22	0.51	202	0.102	<1	1.45	0.008	0.21	0.2	0.04	3.3	0.2	<0.05	6	<0.5	<0.2
11MS3010	Soil	66	18	0.64	186	0.124	<1	1.33	0.007	0.67	0.2	0.03	4.0	0.4	<0.05	7	<0.5	<0.2
11MS3011	Soil	28	20	0.52	149	0.087	<1	1.41	0.008	0.13	0.2	0.08	3.0	0.2	<0.05	6	<0.5	<0.2
11MS3012	Soil	39	24	0.49	220	0.083	<1	1.58	0.011	0.14	0.2	0.06	3.3	0.2	<0.05	7	<0.5	<0.2
11MS3013	Soil	52	15	0.56	139	0.114	<1	1.40	0.009	0.40	0.3	0.06	3.3	0.4	<0.05	7	<0.5	<0.2
11MS3014	Soil	20	25	0.50	185	0.096	<1	1.56	0.007	0.15	0.1	0.11	3.2	0.2	<0.05	6	<0.5	<0.2
11MS3015	Soil	15	23	0.51	156	0.098	<1	1.41	0.007	0.12	0.2	0.07	3.1	0.1	<0.05	6	0.7	<0.2
11MS3016	Soil	20	19	0.48	173	0.088	<1	1.01	0.007	0.15	0.2	0.12	2.9	0.1	<0.05	4	0.7	<0.2
11MS3017	Soil	26	22	0.51	250	0.087	<1	1.39	0.010	0.11	0.2	0.17	3.2	0.2	<0.05	5	0.5	<0.2
11MS3018	Soil	15	24	0.54	216	0.098	<1	1.37	0.008	0.17	0.2	0.13	2.9	0.2	<0.05	6	<0.5	<0.2
11MS3019	Soil	17	24	0.50	219	0.107	1	1.43	0.009	0.14	0.3	0.42	3.2	0.2	<0.05	7	<0.5	<0.2
11MS3020	Soil	11	24	0.48	126	0.085	<1	1.49	0.007	0.10	0.2	0.16	3.0	0.1	<0.05	6	<0.5	<0.2
11MS3021	Soil	19	21	0.40	175	0.078	<1	1.20	0.012	0.08	0.2	0.08	2.5	0.1	<0.05	6	<0.5	<0.2
11MS3022	Soil	23	28	0.60	457	0.069	1	1.76	0.007	0.11	0.2	0.73	3.8	0.2	<0.05	5	0.5	<0.2
11MS3023	Soil	31	30	0.63	251	0.092	<1	1.65	0.009	0.19	0.2	0.43	4.2	0.1	<0.05	6	0.5	<0.2
11MS3024	Soil	24	30	0.71	147	0.114	<1	1.71	0.008	0.31	0.2	0.11	4.4	0.2	<0.05	7	<0.5	<0.2
11MS3025	Soil	23	27	0.56	147	0.095	<1	1.54	0.007	0.21	0.2	0.07	3.0	0.2	<0.05	6	<0.5	<0.2
11MS3026	Soil	22	34	0.80	184	0.134	<1	1.94	0.010	0.30	0.2	0.04	4.3	0.2	<0.05	8	<0.5	<0.2
11MS3027	Soil	23	30	0.48	182	0.081	<1	1.76	0.008	0.09	0.2	0.30	3.4	0.2	<0.05	7	0.6	<0.2
11MS3028	Soil	38	31	0.63	311	0.096	1	1.82	0.013	0.12	0.2	0.93	4.7	0.2	<0.05	5	<0.5	<0.2
11MS3029	Soil	33	31	0.55	280	0.082	1	1.73	0.009	0.09	0.2	0.23	4.5	0.1	<0.05	6	0.5	<0.2



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Project: Mariposa
Report Date: December 04, 2011

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CERTIFICATE OF ANALYSIS

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	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
11MS3030	Soil				1.4	17.7	10.3	55	<0.1	18.4	8.4	374	2.62	9.6	1.6	2.5	14.2	13	0.1	1.0	0.2	56	0.12	0.040
11MS3031	Soil				1.2	19.0	6.8	49	<0.1	14.9	7.1	301	2.56	5.2	1.7	2.7	10.6	22	<0.1	3.1	0.2	44	0.19	0.039
11MS3032	Soil				1.3	16.2	8.6	48	<0.1	15.9	8.0	283	2.62	7.7	1.4	3.0	9.9	16	0.1	1.0	0.2	51	0.18	0.049
11MS3033	Soil				0.8	16.7	10.0	51	<0.1	15.7	7.8	296	2.62	6.6	1.6	1.6	7.7	16	<0.1	0.7	0.2	54	0.18	0.046
11MS3034	Soil				0.9	18.3	19.6	64	<0.1	16.6	9.0	418	2.77	6.5	1.5	1.7	10.1	17	0.1	0.7	0.2	54	0.19	0.035
11MS3035	Soil				1.3	15.3	17.8	54	<0.1	17.5	8.5	294	2.99	9.7	1.0	2.1	7.4	13	0.1	0.6	0.2	61	0.12	0.039
11MS3036	Soil				1.2	17.4	12.4	56	<0.1	18.8	10.0	288	3.37	10.4	1.0	1.0	9.4	14	<0.1	0.9	0.2	65	0.11	0.028
11MS3037	Soil				1.5	19.5	10.3	60	<0.1	19.1	8.6	332	2.44	10.0	2.0	1.6	12.1	23	<0.1	1.7	0.2	46	0.18	0.020
11MS3038	Soil				1.6	18.5	11.6	66	<0.1	17.6	8.8	338	2.57	8.9	2.3	1.5	10.0	20	0.1	1.4	0.2	49	0.15	0.028
11MS3039	Soil				1.6	19.7	10.9	59	<0.1	16.9	8.1	317	2.58	8.5	2.1	0.8	10.0	20	<0.1	2.3	0.2	50	0.16	0.035
11MS3040	Soil				1.1	22.4	11.4	58	<0.1	19.1	8.2	312	2.67	9.0	1.2	1.3	5.9	23	<0.1	1.0	0.2	57	0.20	0.044
11MS3041	Soil				1.1	21.5	12.4	57	<0.1	20.0	9.8	338	2.90	9.7	1.8	2.3	7.6	22	0.1	0.9	0.1	63	0.18	0.037
11MS3042	Soil				1.3	17.8	12.0	50	<0.1	15.5	7.8	282	2.59	10.4	1.7	1.8	8.1	20	0.1	1.0	0.2	54	0.15	0.030
11MS3043	Soil				2.3	36.2	10.0	52	<0.1	13.9	8.0	303	2.45	22.0	4.7	0.8	13.2	18	<0.1	3.1	0.2	38	0.15	0.026
11MS3044	Soil				0.8	27.3	10.7	55	<0.1	21.0	10.0	355	2.63	15.6	1.9	1.9	7.0	24	<0.1	1.4	0.1	50	0.21	0.048
11MS3045	Soil				0.5	14.8	5.3	36	<0.1	8.4	3.6	279	1.52	8.2	2.3	1.5	19.4	21	<0.1	1.4	<0.1	21	0.18	0.011
11MS3046	Soil				0.3	26.4	3.8	56	<0.1	62.1	22.6	797	3.93	6.4	1.4	<0.5	6.7	17	<0.1	1.5	<0.1	83	0.48	0.121
11MS3047	Soil				0.7	9.4	3.7	41	<0.1	17.4	15.1	453	3.26	2.6	0.4	<0.5	1.4	12	<0.1	2.6	0.1	89	0.29	0.033
11MS3048	Soil				1.4	104.7	3.9	105	<0.1	22.8	17.1	779	5.75	0.7	1.1	1.8	8.8	20	0.1	0.2	0.2	142	0.40	0.113
11MS3049	Soil				0.5	32.8	5.7	65	<0.1	14.4	12.6	584	3.64	3.7	0.6	<0.5	3.8	19	<0.1	0.7	<0.1	81	0.29	0.050
11MS3050	Soil				0.9	19.1	11.4	45	<0.1	15.2	7.3	300	2.58	7.4	1.1	2.7	7.4	23	<0.1	1.0	0.2	55	0.18	0.037
11MS3051	Soil				0.6	14.0	7.9	43	<0.1	13.3	6.5	282	2.06	6.5	1.4	<0.5	10.8	24	<0.1	1.2	0.1	36	0.14	0.021
11MS3052	Soil				2.2	20.0	5.1	27	<0.1	5.3	4.1	173	1.48	3.5	2.5	4.1	17.7	19	<0.1	9.7	0.2	16	0.06	0.017
11MS3053	Soil				0.6	37.8	8.1	71	<0.1	7.6	7.7	509	3.09	2.6	1.1	1.4	4.7	18	<0.1	1.1	0.1	37	0.28	0.060
11MS3054	Soil				0.4	26.9	4.6	102	<0.1	11.4	11.0	537	3.52	3.0	0.5	<0.5	2.1	17	<0.1	0.4	<0.1	56	0.32	0.104
11MS3055	Soil				0.4	10.0	3.8	69	<0.1	8.3	8.1	460	3.16	1.8	0.9	1.0	5.8	17	<0.1	0.6	<0.1	59	0.27	0.071
11MS3056	Soil				0.3	13.6	5.1	81	<0.1	15.0	9.3	490	3.18	2.0	0.9	<0.5	6.8	8	<0.1	0.4	<0.1	55	0.14	0.042
11MS3057	Soil				0.5	18.5	6.4	75	<0.1	10.3	10.2	530	3.23	3.4	1.0	<0.5	5.2	22	<0.1	1.0	<0.1	54	0.22	0.052
11MS3058	Soil				0.8	19.4	8.2	70	<0.1	28.4	9.7	495	3.56	6.2	1.0	<0.5	6.8	14	<0.1	1.0	<0.1	62	0.11	0.031
11MS3059	Soil				0.6	25.1	6.8	94	<0.1	24.4	12.0	496	3.16	4.3	0.9	0.7	3.5	42	<0.1	0.8	<0.1	65	0.26	0.048



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11MS3030	Soil	46	29	0.48	175	0.078	1	1.75	0.009	0.08	0.2	0.16	3.5	0.1	<0.05	6	0.6	<0.2
11MS3031	Soil	52	22	0.62	213	0.108	2	1.44	0.012	0.20	0.2	0.13	3.9	0.2	<0.05	5	0.5	<0.2
11MS3032	Soil	31	26	0.64	172	0.109	1	1.81	0.009	0.16	0.1	0.06	3.8	0.2	<0.05	6	<0.5	<0.2
11MS3033	Soil	36	27	0.64	168	0.114	<1	1.66	0.009	0.18	0.2	0.05	3.4	0.2	<0.05	6	<0.5	<0.2
11MS3034	Soil	47	32	0.71	194	0.127	<1	1.76	0.013	0.21	0.1	0.05	4.3	0.3	<0.05	6	0.6	<0.2
11MS3035	Soil	18	34	0.54	125	0.092	<1	1.95	0.010	0.10	0.2	0.05	3.2	0.2	<0.05	6	<0.5	<0.2
11MS3036	Soil	15	35	0.67	161	0.115	1	2.49	0.009	0.13	0.2	0.11	3.4	0.1	<0.05	7	0.6	<0.2
11MS3037	Soil	28	27	0.57	332	0.099	2	1.66	0.010	0.15	0.2	0.58	4.7	0.2	<0.05	6	<0.5	<0.2
11MS3038	Soil	34	27	0.54	355	0.101	2	1.72	0.011	0.11	0.2	0.33	4.0	0.1	<0.05	6	<0.5	<0.2
11MS3039	Soil	29	28	0.52	470	0.092	3	1.68	0.010	0.11	0.2	0.39	4.0	0.1	<0.05	6	0.5	<0.2
11MS3040	Soil	22	30	0.52	471	0.076	2	1.68	0.011	0.06	0.2	0.13	4.2	<0.1	<0.05	5	<0.5	<0.2
11MS3041	Soil	24	38	0.65	671	0.100	6	1.96	0.011	0.08	0.2	0.18	5.3	0.2	<0.05	7	0.7	<0.2
11MS3042	Soil	26	30	0.52	355	0.096	<1	1.69	0.010	0.08	0.2	0.18	4.1	0.1	<0.05	6	<0.5	<0.2
11MS3043	Soil	41	21	0.53	359	0.111	1	1.49	0.009	0.24	0.2	0.98	3.8	0.4	<0.05	6	<0.5	<0.2
11MS3044	Soil	24	28	0.52	391	0.092	1	1.70	0.025	0.09	0.2	0.50	5.1	0.1	<0.05	5	<0.5	<0.2
11MS3045	Soil	34	13	0.75	320	0.078	<1	1.32	0.009	0.29	0.1	0.43	2.9	0.3	<0.05	6	<0.5	<0.2
11MS3046	Soil	47	148	1.83	478	0.235	<1	2.60	0.014	1.06	0.1	0.21	5.5	0.9	<0.05	8	<0.5	<0.2
11MS3047	Soil	7	22	0.94	228	0.084	2	1.92	0.045	0.30	0.1	0.01	6.9	0.2	<0.05	6	<0.5	<0.2
11MS3048	Soil	19	45	3.03	1845	0.244	<1	3.07	0.017	1.59	0.1	0.02	16.3	0.5	<0.05	14	<0.5	<0.2
11MS3049	Soil	13	37	1.15	477	0.161	<1	2.53	0.013	0.47	0.1	0.01	3.7	0.2	<0.05	9	<0.5	<0.2
11MS3050	Soil	19	25	0.51	282	0.090	1	1.68	0.011	0.14	0.2	0.30	4.0	0.1	<0.05	7	<0.5	<0.2
11MS3051	Soil	25	22	0.57	243	0.087	1	1.38	0.014	0.18	0.1	0.28	3.3	<0.1	<0.05	5	<0.5	<0.2
11MS3052	Soil	40	9	0.37	199	0.067	2	1.05	0.006	0.27	0.2	2.12	3.3	0.2	<0.05	5	<0.5	<0.2
11MS3053	Soil	9	19	0.91	360	0.135	<1	2.04	0.010	0.42	0.2	0.01	5.3	0.2	<0.05	7	<0.5	<0.2
11MS3054	Soil	9	67	1.34	423	0.194	<1	2.53	0.010	0.50	0.1	0.03	4.5	0.3	<0.05	8	<0.5	<0.2
11MS3055	Soil	19	91	1.44	861	0.189	<1	2.18	0.011	0.53	<0.1	0.03	8.9	0.1	<0.05	10	<0.5	<0.2
11MS3056	Soil	15	77	1.14	303	0.231	<1	2.44	0.011	0.67	0.1	0.01	7.7	0.3	<0.05	10	<0.5	<0.2
11MS3057	Soil	11	66	1.00	303	0.103	<1	2.09	0.013	0.29	0.2	<0.01	5.2	0.1	<0.05	9	<0.5	<0.2
11MS3058	Soil	11	54	1.03	246	0.195	<1	2.55	0.011	0.31	0.1	0.02	4.5	0.2	<0.05	9	0.7	<0.2
11MS3059	Soil	11	61	1.31	379	0.222	<1	2.81	0.018	0.35	0.2	<0.01	3.7	0.2	<0.05	8	0.6	<0.2



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
11MS3060	Soil	0.4	33.3	5.2	62	<0.1	48.5	14.2	489	2.53	2.2	0.4	<0.5	1.1	95	0.1	0.7	<0.1	61	0.35	0.065
11MS3061	Soil	0.4	36.9	5.3	63	<0.1	54.4	15.2	535	2.59	2.1	0.4	<0.5	1.2	106	0.1	0.6	<0.1	61	0.35	0.065
11MS3062	Soil	0.6	31.8	7.1	90	<0.1	43.8	15.6	628	3.66	4.2	0.5	<0.5	1.5	22	0.1	0.6	<0.1	89	0.28	0.084
11MS3063	Soil	0.7	25.0	8.5	62	<0.1	32.8	15.5	392	3.07	5.4	0.7	<0.5	2.9	19	<0.1	0.5	<0.1	80	0.25	0.047
11MS3064	Soil	0.3	21.4	10.1	95	<0.1	48.2	21.1	574	3.86	1.9	1.0	<0.5	3.6	30	0.1	0.5	<0.1	111	0.39	0.072
11MS3065	Soil	0.6	59.8	11.6	112	<0.1	27.2	13.7	639	4.43	5.3	0.4	1.1	2.0	43	0.1	0.9	<0.1	119	0.30	0.061
11MS3066	Soil	0.8	82.6	6.2	56	0.4	18.2	15.3	514	3.23	4.2	0.5	2.3	2.6	18	<0.1	0.5	<0.1	94	0.22	0.033
11MS3067	Soil	1.0	65.9	7.0	68	0.2	13.1	10.0	853	3.34	5.1	0.9	3.6	4.7	16	<0.1	0.7	<0.1	51	0.22	0.044
11MS3068	Soil	1.1	36.7	4.8	63	<0.1	20.8	12.7	612	3.71	3.8	0.9	1.3	4.3	18	<0.1	0.8	<0.1	83	0.29	0.044
11MS3069	Soil	1.3	37.6	4.4	51	<0.1	11.8	15.0	755	4.08	7.0	0.9	0.9	3.5	24	<0.1	0.6	0.7	63	0.33	0.041
11MS3070	Soil	0.7	41.4	3.6	66	<0.1	32.8	15.4	856	3.56	1.9	0.5	1.0	3.2	19	<0.1	0.3	0.2	69	0.33	0.046
11MS3071	Soil	1.1	13.9	11.8	53	<0.1	13.4	7.7	329	2.91	7.6	1.0	1.0	8.9	11	<0.1	0.6	0.3	59	0.09	0.035
11MS3072	Soil	0.6	14.8	9.3	91	<0.1	12.5	7.2	382	2.80	4.7	1.4	2.9	8.1	19	<0.1	0.3	0.2	31	0.22	0.036
11MS3073	Soil	0.7	18.2	9.3	67	<0.1	21.4	9.8	311	2.97	11.0	1.0	1.7	6.8	20	0.1	0.4	0.2	51	0.19	0.029
11MS3074	Soil	0.9	22.5	11.7	65	<0.1	17.2	8.3	344	2.87	11.0	1.7	1.9	11.9	21	<0.1	0.6	0.2	46	0.13	0.031
11MS3075	Soil	0.8	14.1	12.2	60	<0.1	10.9	5.2	282	2.16	5.5	1.6	1.7	7.8	17	<0.1	0.3	0.2	38	0.15	0.025
11MS3076	Soil	0.8	18.5	10.8	75	<0.1	19.9	9.9	359	2.81	8.5	0.9	1.9	6.0	28	0.1	0.5	0.2	49	0.15	0.018
11MS3077	Soil	0.5	22.4	10.0	63	<0.1	20.6	8.6	318	2.50	5.5	1.0	1.8	5.5	20	<0.1	0.3	0.1	48	0.15	0.014
11MS3078	Soil	0.7	28.0	10.2	63	<0.1	21.8	9.9	357	2.94	9.9	1.3	10.8	6.3	20	<0.1	0.6	0.2	57	0.18	0.016
11MS3079	Soil	0.7	21.9	9.3	64	<0.1	20.5	10.0	314	3.07	9.4	1.4	1.5	7.1	19	<0.1	0.4	0.3	63	0.12	0.016
11MS3080	Soil	0.9	20.4	10.1	61	0.1	22.6	9.0	289	2.82	11.1	0.9	2.9	6.5	15	<0.1	0.6	0.2	55	0.13	0.024
11MS3081	Soil	1.2	16.0	11.9	52	0.1	17.6	7.8	306	2.93	11.0	0.8	3.4	5.3	14	<0.1	0.6	0.2	64	0.13	0.029
11MS3082	Soil	0.5	17.4	12.7	88	<0.1	23.6	10.4	343	2.61	5.3	1.0	39.6	9.1	19	<0.1	0.3	0.2	47	0.16	0.017
11MS3083	Soil	0.5	32.2	8.5	79	<0.1	37.1	14.2	502	3.02	5.7	1.0	1.3	5.5	42	<0.1	0.3	0.1	80	0.37	0.060
11MS3084	Soil	0.7	27.1	9.8	54	<0.1	31.9	11.4	282	2.87	11.4	1.3	2.3	4.7	16	0.1	0.5	0.1	73	0.13	0.020
11MS3085	Soil	0.8	20.1	8.7	53	<0.1	19.5	8.6	231	2.51	11.1	0.7	2.7	2.1	16	0.1	0.5	0.2	54	0.22	0.047
11MS3086	Soil	0.7	22.8	5.9	53	<0.1	20.8	13.9	254	2.48	6.5	0.5	2.1	2.4	11	0.1	0.4	<0.1	61	0.18	0.018
11MS3087	Soil	0.8	23.7	8.8	52	<0.1	19.4	10.5	229	2.51	9.1	0.9	3.3	1.6	16	0.1	0.4	0.1	59	0.22	0.046
11MS3088	Soil	0.8	23.6	9.8	56	<0.1	18.3	9.3	267	2.61	10.8	0.9	2.1	2.0	16	<0.1	0.5	0.1	59	0.18	0.049
11MS3089	Soil	1.1	16.6	12.2	58	<0.1	14.5	7.2	242	2.89	9.7	1.0	4.3	4.1	14	0.2	0.4	0.2	70	0.16	0.056



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11MS3060	Soil	4	156	1.42	328	0.163	<1	2.14	0.014	0.36	0.1	<0.01	2.7	0.2	<0.05	7	<0.5	<0.2
11MS3061	Soil	3	172	1.48	346	0.166	<1	2.27	0.012	0.38	<0.1	0.01	3.1	0.2	<0.05	6	<0.5	<0.2
11MS3062	Soil	4	162	1.73	392	0.239	<1	3.22	0.020	0.54	0.1	<0.01	2.6	0.2	<0.05	9	0.6	<0.2
11MS3063	Soil	8	144	1.59	509	0.201	<1	2.42	0.012	0.43	0.2	0.01	3.0	0.1	<0.05	8	<0.5	<0.2
11MS3064	Soil	9	236	2.93	640	0.298	<1	3.17	0.011	0.77	0.2	<0.01	3.6	0.3	<0.05	11	<0.5	<0.2
11MS3065	Soil	6	61	1.73	295	0.264	<1	3.02	0.021	0.34	0.4	0.01	7.3	0.1	<0.05	12	<0.5	<0.2
11MS3066	Soil	9	45	1.27	246	0.154	<1	2.40	0.019	0.23	0.1	0.01	3.7	0.1	<0.05	8	<0.5	<0.2
11MS3067	Soil	47	24	1.23	371	0.165	<1	2.36	0.012	0.39	0.1	0.03	5.3	0.2	<0.05	8	<0.5	<0.2
11MS3068	Soil	11	31	1.40	188	0.212	<1	2.79	0.009	0.40	0.2	0.02	4.1	0.2	<0.05	8	0.6	<0.2
11MS3069	Soil	18	15	1.49	182	0.127	1	2.62	0.007	0.37	0.1	0.02	4.4	0.2	<0.05	6	1.4	<0.2
11MS3070	Soil	14	151	1.55	235	0.075	<1	2.28	0.028	0.17	<0.1	<0.01	8.6	<0.1	<0.05	8	<0.5	<0.2
11MS3071	Soil	13	28	0.57	119	0.074	<1	1.89	0.008	0.10	0.1	0.02	3.1	<0.1	<0.05	8	0.8	<0.2
11MS3072	Soil	18	21	0.87	281	0.161	2	2.18	0.009	0.51	0.2	0.03	2.8	0.3	0.07	8	0.6	<0.2
11MS3073	Soil	14	38	0.81	185	0.121	2	2.42	0.010	0.18	0.2	0.03	3.1	0.2	<0.05	7	<0.5	<0.2
11MS3074	Soil	14	30	0.63	238	0.088	1	2.10	0.010	0.23	0.2	0.03	2.9	0.3	<0.05	6	<0.5	<0.2
11MS3075	Soil	17	22	0.54	221	0.092	2	1.70	0.010	0.17	0.2	0.02	2.5	0.2	<0.05	6	<0.5	<0.2
11MS3076	Soil	11	34	0.71	258	0.141	2	2.25	0.012	0.25	0.2	0.02	2.8	0.3	<0.05	7	<0.5	<0.2
11MS3077	Soil	22	53	0.88	339	0.149	1	2.04	0.009	0.22	0.2	0.02	3.1	0.2	<0.05	6	<0.5	<0.2
11MS3078	Soil	21	40	0.69	349	0.127	2	1.98	0.016	0.11	0.2	0.04	5.1	0.2	<0.05	6	0.8	<0.2
11MS3079	Soil	24	46	0.82	362	0.143	2	2.25	0.009	0.20	0.2	0.04	4.7	0.2	<0.05	7	0.8	<0.2
11MS3080	Soil	14	41	0.61	207	0.087	1	2.14	0.009	0.08	0.2	0.05	2.7	0.1	<0.05	6	<0.5	<0.2
11MS3081	Soil	14	38	0.54	199	0.091	1	1.95	0.007	0.07	0.3	0.03	2.9	0.1	<0.05	6	0.7	<0.2
11MS3082	Soil	31	54	1.11	311	0.147	1	2.56	0.009	0.32	0.2	<0.01	3.4	0.4	<0.05	7	<0.5	<0.2
11MS3083	Soil	41	129	1.70	697	0.186	2	2.59	0.013	0.47	0.2	<0.01	4.7	0.2	<0.05	8	<0.5	<0.2
11MS3084	Soil	13	113	1.13	316	0.121	1	2.43	0.009	0.14	<0.1	0.02	3.5	0.2	<0.05	7	<0.5	<0.2
11MS3085	Soil	13	24	0.51	220	0.059	1	1.73	0.010	0.05	0.2	0.02	2.6	<0.1	<0.05	5	0.6	<0.2
11MS3086	Soil	9	31	0.88	197	0.091	<1	1.85	0.020	0.09	0.1	0.03	3.0	<0.1	<0.05	5	0.5	<0.2
11MS3087	Soil	13	31	0.71	236	0.066	<1	1.67	0.011	0.08	0.1	0.03	3.0	0.1	<0.05	5	0.5	<0.2
11MS3088	Soil	14	31	0.60	257	0.059	1	1.76	0.011	0.07	0.1	0.03	3.5	0.1	<0.05	5	0.6	<0.2
11MS3089	Soil	19	31	0.62	173	0.080	1	1.79	0.009	0.11	0.2	0.03	3.0	0.2	<0.05	7	<0.5	<0.2



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Project: Mariposa
Report Date: December 04, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
11MS3090	Soil	1.6	30.3	10.3	84	0.4	21.4	6.5	196	2.87	10.7	1.3	5.0	3.6	15	0.2	0.5	0.2	76	0.17	0.046
11MS3091	Soil	1.6	31.1	11.6	96	0.3	22.7	7.3	220	2.50	11.9	1.4	7.0	2.5	17	0.4	0.5	0.1	75	0.20	0.055
11MS3092	Soil	2.4	47.6	11.2	147	0.3	37.8	14.2	411	3.34	16.0	1.5	4.9	4.6	16	0.4	0.8	0.2	83	0.21	0.054
11MS3093	Soil	3.5	50.4	23.2	154	0.2	40.2	11.8	273	4.16	13.6	1.2	2.4	4.4	13	0.4	1.1	0.2	119	0.11	0.053
11MS3094	Soil	1.2	19.6	11.2	57	<0.1	20.2	8.9	223	3.17	10.2	0.7	1.6	2.9	11	0.2	0.4	0.2	75	0.14	0.034
11MS3095	Soil	1.0	24.5	11.6	71	<0.1	23.2	9.4	259	2.43	9.0	0.9	2.3	2.8	13	0.2	0.4	0.2	59	0.16	0.040
11MS3096	Soil	1.4	37.7	12.0	70	0.2	27.9	10.6	357	2.72	18.0	1.2	5.4	3.7	23	0.2	1.0	0.2	61	0.23	0.045
11MS3097	Soil	2.0	31.8	12.9	69	<0.1	27.7	9.6	339	3.00	31.8	1.3	2.7	5.7	14	0.4	1.3	0.3	62	0.09	0.025
11MS3098	Soil	1.0	44.8	9.0	77	<0.1	52.7	19.0	671	3.13	11.8	0.7	0.8	6.7	17	0.5	0.9	0.2	52	0.41	0.119
11MS3099	Soil	1.4	50.9	12.4	91	<0.1	51.8	17.5	1155	4.02	14.9	1.0	1.4	12.9	17	0.4	1.0	0.2	56	0.34	0.108
11MS3100	Soil	2.7	90.1	9.8	114	0.2	26.6	10.0	626	3.93	11.1	1.7	2.5	6.2	21	0.1	0.6	0.4	114	0.08	0.046
11MS3101	Soil	2.6	91.4	9.6	108	0.2	27.6	10.0	633	3.86	10.1	1.9	4.4	5.9	21	0.2	0.5	0.4	115	0.09	0.044
11MS3102	Soil	2.1	58.0	10.8	115	0.5	24.9	7.9	399	3.64	11.3	1.1	2.3	5.1	19	0.1	0.8	0.2	100	0.12	0.052
11MS3103	Soil	0.8	64.8	12.8	224	<0.1	76.7	22.7	738	3.82	20.9	4.8	1.8	13.3	9	0.4	1.5	0.2	30	0.01	0.032
11MS3104	Soil	2.0	95.8	12.1	66	<0.1	31.0	8.2	527	2.29	24.3	2.4	3.3	12.7	7	1.1	3.1	0.3	34	0.02	0.026
11MS3105	Soil	1.9	45.0	11.4	91	0.6	30.6	8.0	230	2.95	10.4	1.8	1.6	5.0	14	0.2	0.9	0.2	73	0.08	0.027
11MS3106	Soil	5.2	58.4	8.0	189	0.2	42.7	12.8	328	2.58	12.0	1.6	1.5	4.1	11	0.9	1.3	0.1	149	0.10	0.027
11MS3107	Soil	0.2	48.6	4.1	64	<0.1	54.0	28.8	543	3.27	2.0	0.4	1.5	1.7	21	<0.1	0.2	<0.1	116	0.72	0.139
11MS3108	Soil	2.0	71.7	11.5	172	0.7	52.0	12.8	393	3.14	19.8	1.9	5.3	5.7	17	0.5	1.0	0.3	80	0.16	0.031
11MS3109	Soil	1.9	63.8	9.1	157	0.2	51.9	20.5	394	4.40	5.6	1.5	6.1	8.2	16	0.5	0.4	0.2	78	0.33	0.119
11MS3110	Soil	3.3	54.8	10.3	151	0.1	39.4	10.2	213	3.24	10.5	1.4	3.9	4.9	19	0.4	0.4	0.2	75	0.06	0.031
11MS3111	Soil	2.8	40.5	11.8	87	0.3	27.7	10.2	299	2.96	48.5	1.4	3.5	5.1	16	0.4	0.9	0.2	63	0.09	0.032
11MS3112	Soil	2.1	58.9	12.1	163	0.2	58.2	17.1	781	3.70	8.7	2.3	4.4	20.5	7	1.1	0.2	0.3	27	0.13	0.060
11MS3113	Soil	3.3	42.8	12.1	116	0.1	42.0	12.3	459	3.47	24.0	0.9	3.4	5.8	14	0.2	2.0	0.2	62	0.08	0.033
11MS3114	Soil	1.7	50.2	11.1	141	<0.1	49.7	14.9	758	3.64	14.6	1.8	3.9	12.8	13	0.3	1.4	0.4	44	0.11	0.025
11MS3115	Soil	2.4	58.7	10.9	173	<0.1	56.8	16.5	994	3.68	11.6	1.7	2.9	13.8	11	0.6	1.3	0.6	39	0.10	0.025
11MS3116	Soil	4.6	49.0	10.0	97	0.3	16.9	3.8	188	3.11	11.7	1.4	2.4	7.9	15	<0.1	1.0	0.3	78	0.04	0.049
11MS3117	Soil	3.2	46.1	11.6	100	0.4	21.5	7.9	266	3.53	12.8	1.9	1.3	6.1	13	0.2	0.9	0.4	91	0.06	0.049
11MS3118	Soil	1.3	22.3	28.9	99	<0.1	22.5	13.1	594	3.27	9.7	2.6	4.1	11.8	24	0.2	0.6	0.2	51	0.28	0.057
11MS3119	Soil	1.0	13.2	18.2	45	0.1	9.3	3.4	233	1.71	5.4	2.2	1.0	1.0	18	0.4	0.3	0.2	30	0.16	0.039



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11MS3090	Soil	15	36	0.54	232	0.078	2	1.69	0.007	0.08	0.1	0.05	3.2	0.2	<0.05	6	0.9	<0.2
11MS3091	Soil	16	31	0.53	247	0.062	2	1.58	0.008	0.07	0.2	0.05	2.7	0.2	<0.05	6	<0.5	<0.2
11MS3092	Soil	15	39	0.68	300	0.081	1	1.97	0.008	0.11	0.1	0.03	4.6	0.3	<0.05	6	0.7	<0.2
11MS3093	Soil	15	53	0.81	515	0.123	<1	2.28	0.008	0.21	0.1	0.01	3.8	0.2	0.11	8	1.4	<0.2
11MS3094	Soil	12	37	0.56	162	0.076	1	1.82	0.011	0.05	0.1	0.02	2.7	0.1	<0.05	6	<0.5	<0.2
11MS3095	Soil	16	31	0.48	191	0.061	2	1.72	0.014	0.06	0.1	0.03	2.7	0.1	<0.05	6	0.5	<0.2
11MS3096	Soil	17	33	0.51	328	0.047	1	1.62	0.014	0.06	0.1	0.08	4.7	0.1	<0.05	5	0.9	<0.2
11MS3097	Soil	14	35	0.38	159	0.045	2	1.91	0.006	0.06	0.2	0.03	3.3	0.2	<0.05	6	0.7	<0.2
11MS3098	Soil	17	42	0.61	173	0.106	2	1.77	0.021	0.32	<0.1	0.02	3.5	0.4	<0.05	5	<0.5	<0.2
11MS3099	Soil	37	42	0.78	341	0.162	1	1.84	0.008	0.67	<0.1	<0.01	4.7	0.8	<0.05	6	0.5	<0.2
11MS3100	Soil	30	64	1.41	766	0.216	<1	2.69	0.020	0.71	<0.1	0.01	5.4	0.4	0.23	9	1.2	<0.2
11MS3101	Soil	29	61	1.35	691	0.213	2	2.59	0.021	0.71	<0.1	0.02	5.4	0.4	0.24	8	1.4	<0.2
11MS3102	Soil	21	51	0.76	683	0.094	2	2.04	0.013	0.40	0.1	0.02	4.1	0.3	0.19	7	1.3	<0.2
11MS3103	Soil	31	20	0.05	105	0.007	<1	0.54	0.002	0.07	<0.1	0.03	4.8	0.1	<0.05	2	0.7	<0.2
11MS3104	Soil	38	17	0.16	96	0.017	1	0.91	0.010	0.06	<0.1	0.04	4.6	0.3	<0.05	3	0.7	<0.2
11MS3105	Soil	19	41	0.48	307	0.071	<1	1.84	0.014	0.12	0.2	0.02	4.6	0.3	<0.05	6	0.8	<0.2
11MS3106	Soil	13	51	0.58	247	0.035	1	1.56	0.003	0.05	0.1	0.01	3.9	0.3	<0.05	4	1.0	<0.2
11MS3107	Soil	5	94	1.77	535	0.177	<1	1.96	0.017	0.58	<0.1	0.01	6.0	0.4	<0.05	7	<0.5	<0.2
11MS3108	Soil	29	41	0.63	467	0.070	2	2.06	0.011	0.10	0.1	0.13	6.5	0.2	<0.05	5	0.5	<0.2
11MS3109	Soil	34	57	0.94	1064	0.153	2	2.05	0.010	0.75	<0.1	0.03	6.1	0.5	<0.05	8	1.3	<0.2
11MS3110	Soil	12	36	0.43	240	0.053	1	1.34	0.005	0.15	<0.1	0.02	3.3	0.5	<0.05	5	1.8	0.2
11MS3111	Soil	14	33	0.48	219	0.045	<1	1.62	0.007	0.07	0.1	0.10	3.3	0.3	<0.05	4	1.4	<0.2
11MS3112	Soil	57	19	0.33	165	0.043	<1	0.90	0.004	0.31	<0.1	0.02	4.9	0.2	<0.05	3	2.9	<0.2
11MS3113	Soil	12	33	0.52	142	0.042	2	1.94	0.005	0.05	<0.1	0.02	2.7	0.2	<0.05	5	0.9	<0.2
11MS3114	Soil	33	31	0.66	263	0.109	2	1.86	0.007	0.48	<0.1	0.03	5.9	0.5	<0.05	6	1.4	<0.2
11MS3115	Soil	28	30	0.66	269	0.113	1	1.68	0.006	0.58	<0.1	0.07	5.8	0.6	<0.05	5	<0.5	<0.2
11MS3116	Soil	29	35	0.67	692	0.092	<1	1.22	0.010	0.47	<0.1	0.03	3.2	0.5	0.18	5	1.3	<0.2
11MS3117	Soil	21	53	0.65	515	0.090	2	1.99	0.008	0.27	<0.1	0.03	3.5	0.5	0.18	5	1.8	<0.2
11MS3118	Soil	64	29	0.89	264	0.129	2	1.97	0.012	0.26	0.2	0.03	3.6	0.3	<0.05	6	<0.5	<0.2
11MS3119	Soil	47	14	0.40	342	0.043	<1	1.10	0.012	0.10	0.1	0.04	1.4	0.1	<0.05	7	<0.5	<0.2



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CERTIFICATE OF ANALYSIS

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	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
11MS3120	Soil				1.4	11.4	18.3	110	<0.1	16.6	8.6	396	3.51	40.4	5.1	1.6	20.0	12	0.2	2.2	0.1	36	0.08	0.031
11MS3121	Soil				1.4	10.3	18.5	121	<0.1	15.5	8.2	376	3.64	41.8	5.0	2.6	21.2	12	0.1	2.5	<0.1	34	0.09	0.027
11MS3122	Soil				1.3	13.2	12.5	68	<0.1	17.2	7.5	304	3.00	11.6	0.6	0.9	4.8	16	0.1	0.5	0.2	67	0.13	0.031
11MS3123	Soil				1.3	9.7	16.0	82	<0.1	14.2	7.0	361	3.48	8.1	2.0	2.8	13.1	13	<0.1	0.7	0.2	48	0.10	0.021
11MS3124	Soil				1.1	16.4	13.3	57	<0.1	21.8	8.6	361	2.84	41.4	2.1	3.4	8.4	17	<0.1	1.7	0.2	47	0.13	0.027
11MS3125	Soil				1.2	10.9	15.3	35	<0.1	12.8	3.4	138	2.39	16.4	1.3	2.7	1.0	13	0.4	0.7	0.2	59	0.10	0.044
11MS3126	Soil				0.9	14.8	18.8	71	<0.1	22.3	9.2	377	3.39	11.9	1.6	2.2	9.6	14	0.2	0.7	0.2	53	0.13	0.041
11MS3127	Soil				0.9	18.1	10.7	66	<0.1	18.1	7.4	371	2.42	9.3	2.0	2.4	6.8	23	0.2	0.8	0.1	46	0.25	0.045
11MS3128	Soil				1.0	24.1	13.2	61	<0.1	23.4	9.4	368	2.82	11.6	2.2	2.4	5.5	21	<0.1	0.7	0.2	58	0.21	0.055
11MS3129	Soil				1.2	29.7	11.6	43	<0.1	16.6	8.3	336	2.14	28.4	1.7	3.7	6.6	19	<0.1	3.4	0.2	42	0.11	0.017
11MS3130	Soil				1.7	30.1	12.6	59	<0.1	22.8	9.6	294	3.24	34.2	1.3	3.5	4.6	15	0.2	4.5	0.2	66	0.09	0.041
11MS3131	Soil				1.3	22.9	11.8	63	<0.1	28.1	12.1	317	2.91	16.4	0.7	2.7	4.0	17	0.3	1.5	0.2	63	0.14	0.020
11MS3132	Soil				2.3	31.9	11.5	58	0.1	21.9	8.4	292	2.69	26.9	1.6	5.4	3.9	23	0.1	3.3	0.2	60	0.13	0.028
11MS3133	Soil				1.1	30.5	50.7	55	<0.1	14.7	6.5	187	2.14	17.4	2.6	3.6	11.7	14	<0.1	1.4	0.3	36	0.04	0.023
11MS3134	Soil				1.2	28.8	10.0	30	<0.1	11.2	4.4	145	2.19	23.0	0.7	2.8	10.5	9	<0.1	1.3	0.5	39	0.05	0.025
11MS3135	Soil				1.0	30.3	32.4	63	<0.1	21.5	9.5	305	2.54	13.1	2.1	1.7	7.5	16	<0.1	1.1	0.2	46	0.13	0.030
11MS3136	Soil				1.3	33.0	35.1	58	<0.1	19.0	8.9	335	2.67	15.5	2.1	4.2	11.0	22	0.1	1.5	0.2	41	0.11	0.022
11MS3137	Soil				1.4	27.1	13.2	56	<0.1	19.6	8.2	314	2.79	15.1	1.5	4.3	5.5	15	0.1	0.8	0.4	55	0.12	0.033
11MS3138	Soil				1.6	23.9	14.8	47	0.1	15.0	5.8	197	3.17	14.9	1.1	4.8	4.5	13	0.1	0.8	0.3	76	0.10	0.033
11MS3139	Soil				1.5	30.0	14.6	63	<0.1	20.4	9.7	380	2.92	18.8	1.6	2.7	6.8	17	0.2	1.3	0.2	52	0.11	0.026
11MS3140	Soil				1.2	33.0	12.4	59	<0.1	23.8	9.7	374	2.85	14.8	1.7	2.7	6.2	19	<0.1	1.0	0.1	52	0.13	0.026
11MS3141	Soil				1.4	31.4	13.2	60	<0.1	24.2	9.9	350	3.00	16.7	1.6	3.0	6.7	19	<0.1	1.1	0.2	59	0.14	0.025
11MS3142	Soil				1.7	24.6	13.7	64	<0.1	22.3	9.4	338	3.09	18.8	1.2	2.0	6.8	17	0.1	1.2	0.2	61	0.11	0.023
11MS3143	Soil				1.1	28.9	11.3	57	<0.1	21.7	9.2	352	2.64	16.5	1.4	3.3	6.0	21	0.1	1.0	0.2	52	0.17	0.021
11MS3144	Soil				1.4	26.0	15.0	54	<0.1	19.7	8.0	226	2.74	16.1	1.5	5.2	4.6	15	<0.1	1.3	0.2	57	0.15	0.032
11MS3145	Soil				1.3	25.5	16.5	59	0.1	19.6	8.3	256	2.68	15.6	1.0	2.4	3.6	16	0.2	1.2	0.2	58	0.16	0.042
11MS3146	Soil				1.5	24.0	23.4	52	0.1	19.3	7.7	234	2.50	15.6	1.0	2.1	4.2	16	0.1	1.2	0.2	53	0.15	0.030
11MS3147	Soil				1.4	32.3	19.0	56	0.2	20.5	9.3	236	2.73	15.5	1.2	4.8	6.1	12	0.1	1.1	0.2	55	0.11	0.018
11MS3148	Soil				1.3	27.1	16.4	54	<0.1	18.7	7.8	203	2.68	14.6	1.2	3.5	5.7	14	0.1	0.9	0.2	56	0.12	0.021
11MS3149	Soil				1.9	37.6	18.1	56	<0.1	23.4	11.4	281	2.94	22.9	1.6	4.9	7.1	12	0.1	2.2	0.2	62	0.09	0.026



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Project: Mariposa
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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11MS3120	Soil	56	20	0.47	197	0.074	<1	2.15	0.006	0.26	0.1	0.04	3.9	0.7	<0.05	7	0.9	<0.2
11MS3121	Soil	51	18	0.46	202	0.082	<1	2.00	0.006	0.33	0.2	0.04	3.9	0.8	<0.05	7	<0.5	<0.2
11MS3122	Soil	15	29	0.48	280	0.054	<1	1.92	0.008	0.06	0.1	0.02	2.5	0.1	<0.05	6	<0.5	<0.2
11MS3123	Soil	17	23	0.62	162	0.109	<1	2.37	0.006	0.28	0.2	0.02	3.4	0.4	<0.05	10	<0.5	<0.2
11MS3124	Soil	24	25	0.44	283	0.048	<1	1.73	0.007	0.08	0.2	0.06	2.7	0.2	<0.05	5	<0.5	<0.2
11MS3125	Soil	22	27	0.25	205	0.042	<1	1.11	0.007	0.05	<0.1	0.05	1.3	0.1	<0.05	6	<0.5	<0.2
11MS3126	Soil	27	34	0.50	164	0.062	2	1.98	0.009	0.07	0.5	0.05	2.7	0.1	<0.05	5	<0.5	<0.2
11MS3127	Soil	31	26	0.50	335	0.071	<1	1.24	0.011	0.08	0.2	0.09	3.0	0.1	<0.05	4	<0.5	<0.2
11MS3128	Soil	30	47	0.56	415	0.056	<1	1.94	0.008	0.08	<0.1	0.06	4.2	0.1	<0.05	6	<0.5	<0.2
11MS3129	Soil	23	34	0.36	501	0.046	<1	1.16	0.008	0.05	0.1	0.19	3.8	0.2	<0.05	3	0.7	<0.2
11MS3130	Soil	12	36	0.44	285	0.050	2	2.11	0.007	0.06	0.2	0.07	4.5	0.1	<0.05	5	0.7	<0.2
11MS3131	Soil	12	34	0.60	379	0.066	<1	2.26	0.010	0.06	0.2	0.06	3.1	<0.1	<0.05	5	<0.5	<0.2
11MS3132	Soil	16	31	0.43	571	0.056	<1	1.54	0.008	0.06	0.1	0.09	3.6	<0.1	<0.05	5	0.7	<0.2
11MS3133	Soil	26	31	0.39	296	0.056	<1	1.40	0.004	0.25	<0.1	0.06	3.8	0.4	<0.05	5	<0.5	<0.2
11MS3134	Soil	14	18	0.20	110	0.021	<1	1.22	0.004	0.05	0.1	0.05	3.3	0.1	<0.05	4	<0.5	<0.2
11MS3135	Soil	24	28	0.51	333	0.062	<1	1.64	0.007	0.09	<0.1	0.10	4.0	0.2	<0.05	5	<0.5	<0.2
11MS3136	Soil	48	26	0.44	438	0.065	<1	1.53	0.009	0.12	<0.1	0.07	4.2	0.3	<0.05	5	<0.5	<0.2
11MS3137	Soil	21	30	0.49	219	0.064	<1	1.84	0.007	0.07	0.2	0.05	3.2	0.3	<0.05	5	<0.5	<0.2
11MS3138	Soil	17	36	0.46	221	0.070	1	2.27	0.009	0.06	0.1	0.07	3.1	0.2	<0.05	8	<0.5	<0.2
11MS3139	Soil	30	30	0.50	306	0.062	<1	1.87	0.007	0.09	<0.1	0.06	3.6	0.3	<0.05	5	0.6	<0.2
11MS3140	Soil	31	30	0.54	405	0.065	1	1.81	0.009	0.07	0.1	0.06	5.2	0.2	<0.05	5	<0.5	<0.2
11MS3141	Soil	28	35	0.54	371	0.072	2	2.10	0.009	0.08	0.1	0.07	4.7	0.3	<0.05	6	<0.5	0.2
11MS3142	Soil	23	34	0.54	319	0.061	2	2.10	0.008	0.07	0.1	0.02	3.9	0.2	<0.05	6	<0.5	<0.2
11MS3143	Soil	25	30	0.51	315	0.059	<1	1.58	0.009	0.06	<0.1	0.03	4.1	0.2	<0.05	5	<0.5	<0.2
11MS3144	Soil	16	32	0.51	270	0.064	2	1.77	0.010	0.05	0.2	0.07	4.1	0.1	<0.05	5	<0.5	<0.2
11MS3145	Soil	14	31	0.51	271	0.056	1	1.70	0.011	0.05	0.1	0.04	3.1	0.1	<0.05	5	<0.5	<0.2
11MS3146	Soil	15	29	0.48	277	0.056	<1	1.54	0.010	0.05	0.1	0.05	3.3	<0.1	<0.05	5	0.6	<0.2
11MS3147	Soil	14	31	0.50	234	0.061	<1	1.84	0.008	0.05	0.2	0.05	3.5	0.2	<0.05	5	<0.5	<0.2
11MS3148	Soil	17	31	0.52	226	0.066	1	1.81	0.009	0.06	0.1	0.07	3.9	0.2	<0.05	5	<0.5	<0.2
11MS3149	Soil	15	34	0.49	213	0.064	<1	2.14	0.009	0.05	0.1	0.10	4.1	0.3	<0.05	6	<0.5	<0.2



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
11MS3150	Soil	2.4	32.5	33.0	66	0.1	21.8	9.1	301	3.25	17.5	1.1	3.8	2.8	16	0.2	1.8	0.2	62	0.13	0.045
11MS3151	Soil	3.3	58.9	48.4	72	0.4	13.2	4.5	185	3.63	40.2	2.2	2.6	5.8	28	0.4	2.2	0.2	50	0.09	0.070
11MS3152	Soil	1.9	37.3	23.7	101	0.2	21.9	10.5	351	3.36	15.0	2.3	5.5	6.4	10	0.3	1.9	0.2	45	0.10	0.051
11MS3153	Soil	2.1	71.1	52.3	94	0.5	7.8	3.0	137	4.45	8.4	2.5	2.0	13.4	26	0.2	0.7	0.2	54	0.04	0.083
11MS3154	Soil	1.6	27.8	12.8	57	0.1	19.9	7.4	288	3.52	14.6	0.9	2.0	1.6	12	0.1	1.7	0.2	61	0.11	0.046
11MS3155	Soil	1.2	35.7	12.8	64	0.1	30.9	11.9	229	3.21	12.8	0.9	14.1	4.5	15	0.1	1.0	0.1	57	0.17	0.052
11MS3156	Soil	1.1	19.1	11.4	61	0.2	20.2	9.4	750	2.69	11.3	0.6	1.5	2.2	31	0.5	1.1	0.1	53	0.37	0.049
11MS3157	Soil	1.7	42.1	11.2	63	0.4	22.4	13.4	270	3.03	104.0	1.3	2.2	3.8	13	0.5	6.2	0.1	75	0.10	0.033
11MS3158	Soil	1.6	23.4	15.6	54	0.3	19.3	7.9	204	2.74	24.5	0.9	4.9	4.0	14	0.1	3.2	0.2	61	0.11	0.032
11MS3159	Soil	1.8	26.1	23.7	37	0.1	10.9	3.0	96	2.12	50.5	1.8	1.8	1.1	16	0.4	3.9	0.2	47	0.06	0.058
11MS3160	Soil	1.2	17.4	12.7	57	0.1	14.2	6.7	245	3.11	11.4	0.8	1.7	1.7	12	0.3	0.8	0.1	60	0.13	0.033
11MS3161	Soil	1.4	17.2	13.2	50	<0.1	12.2	5.7	285	2.86	12.8	0.8	3.0	1.1	11	0.2	0.8	0.2	69	0.11	0.035
11MS3162	Soil	1.8	18.3	14.4	52	0.2	14.2	6.1	211	3.11	17.3	0.9	2.5	3.1	11	0.2	1.0	0.2	70	0.11	0.050
11MS3163	Soil	2.8	49.5	13.0	65	0.7	19.9	6.5	180	2.52	26.9	1.9	9.7	4.1	21	0.2	2.6	0.2	57	0.16	0.082
11MS3164	Soil	2.5	80.5	12.1	220	0.4	88.8	22.2	471	4.09	5.3	2.9	4.6	11.1	22	2.4	0.3	0.2	78	0.18	0.096
11MS3165	Soil	1.9	66.8	13.3	168	0.5	32.9	9.5	226	4.39	2.4	2.1	1.9	10.8	19	0.5	0.2	0.2	78	0.06	0.078
11MS3166	Soil	1.1	34.3	7.2	142	0.3	42.8	17.6	282	3.51	8.2	1.4	0.7	2.2	13	0.5	0.5	<0.1	76	0.18	0.047
11MS3167	Soil	1.1	29.0	11.4	62	0.2	22.8	8.4	242	2.53	14.3	1.0	6.8	2.3	20	0.3	1.5	0.1	47	0.26	0.074
11MS3168	Soil	2.3	35.9	13.6	85	0.2	21.1	6.6	278	3.17	63.0	1.2	3.1	2.3	14	0.2	4.3	0.1	71	0.08	0.043
11MS3169	Soil	2.1	29.7	15.0	70	0.1	19.2	9.2	290	2.79	44.9	1.3	2.9	3.9	15	0.4	2.2	0.2	70	0.11	0.051
11MS3170	Soil	2.2	41.2	12.2	73	0.4	22.4	9.1	252	2.60	60.3	2.2	6.8	3.3	19	0.3	2.7	0.1	56	0.17	0.055
11MS3171	Soil	1.8	32.5	10.9	69	0.3	21.7	9.4	299	2.56	50.9	1.6	3.6	2.6	16	0.5	2.7	0.1	55	0.18	0.064
11MS3172	Soil	1.7	28.8	10.8	87	0.2	24.2	14.9	424	2.98	39.0	1.3	3.5	2.7	15	0.3	2.5	0.1	61	0.17	0.050
11MS3173	Soil	2.3	49.1	14.0	98	0.6	30.6	13.5	455	3.50	58.2	2.3	6.6	2.0	19	0.5	2.4	0.2	73	0.19	0.073
11MS3174	Soil	1.8	36.0	16.0	72	0.3	22.3	8.5	280	2.58	50.4	1.4	4.1	3.4	21	0.3	2.9	0.1	53	0.22	0.049
11MS3175	Soil	1.6	29.6	12.2	73	0.1	24.9	10.1	323	2.89	25.0	1.2	1.5	4.3	22	<0.1	1.3	0.1	61	0.25	0.035
11MS3176	Soil	1.3	27.6	11.6	70	0.1	23.9	11.4	243	3.14	22.6	1.0	2.3	3.5	16	0.2	1.3	0.1	64	0.21	0.032
11MS3177	Soil	1.1	25.7	10.9	81	0.1	22.1	12.3	295	3.13	15.8	1.0	2.9	3.5	16	0.2	0.9	0.1	70	0.18	0.039
11MS3178	Soil	1.0	31.5	10.0	80	0.2	24.5	9.6	265	2.70	19.5	1.7	3.7	4.2	20	<0.1	1.0	0.1	67	0.24	0.043
11MS3179	Soil	1.2	19.3	11.8	63	0.1	19.9	10.5	223	3.11	34.7	0.8	0.6	3.7	12	0.3	1.6	0.1	68	0.14	0.032



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		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11MS3150	Soil	14	31	0.51	198	0.068	1	1.81	0.014	0.12	0.2	0.04	2.8	0.2	0.06	6	0.6	<0.2
11MS3151	Soil	30	24	0.41	284	0.064	<1	1.33	0.023	0.22	0.3	0.05	2.4	0.4	0.23	4	1.3	<0.2
11MS3152	Soil	32	29	0.59	153	0.073	1	1.68	0.007	0.26	0.1	0.08	2.8	0.5	<0.05	5	0.8	<0.2
11MS3153	Soil	36	27	0.50	296	0.088	<1	1.10	0.012	0.62	0.2	0.03	2.4	0.9	0.57	5	0.9	<0.2
11MS3154	Soil	10	29	0.34	148	0.049	<1	1.61	0.008	0.07	0.9	0.08	2.2	0.1	<0.05	6	0.9	<0.2
11MS3155	Soil	12	34	0.46	124	0.065	<1	2.16	0.009	0.06	0.3	0.08	3.3	0.3	<0.05	5	0.9	<0.2
11MS3156	Soil	10	26	0.40	260	0.053	1	1.41	0.010	0.06	0.2	0.05	2.2	<0.1	0.05	5	<0.5	<0.2
11MS3157	Soil	12	33	0.45	142	0.057	1	1.92	0.008	0.07	0.2	0.30	6.3	0.4	<0.05	6	<0.5	<0.2
11MS3158	Soil	16	30	0.42	174	0.056	<1	1.83	0.009	0.07	0.2	0.17	3.3	0.3	<0.05	6	0.8	<0.2
11MS3159	Soil	28	19	0.14	102	0.028	<1	0.71	0.005	0.06	0.1	0.06	1.8	0.2	<0.05	4	<0.5	<0.2
11MS3160	Soil	13	30	0.42	101	0.063	<1	1.73	0.007	0.07	0.1	0.07	2.2	0.1	<0.05	6	<0.5	<0.2
11MS3161	Soil	13	25	0.32	88	0.066	<1	1.22	0.007	0.06	0.1	0.05	1.6	0.1	<0.05	7	<0.5	<0.2
11MS3162	Soil	13	28	0.36	115	0.063	<1	1.53	0.007	0.05	0.2	0.06	2.4	0.1	<0.05	7	<0.5	<0.2
11MS3163	Soil	21	28	0.42	224	0.052	<1	1.22	0.009	0.12	0.2	0.13	3.4	0.4	<0.05	4	1.2	<0.2
11MS3164	Soil	29	55	0.96	335	0.116	<1	1.76	0.014	0.83	0.3	0.03	5.6	0.8	0.19	6	1.7	<0.2
11MS3165	Soil	32	52	1.06	333	0.138	<1	1.88	0.039	1.04	<0.1	0.02	4.0	0.8	0.41	6	1.1	<0.2
11MS3166	Soil	10	41	0.79	584	0.083	<1	1.61	0.018	0.19	<0.1	0.04	4.9	0.3	<0.05	5	0.9	<0.2
11MS3167	Soil	15	26	0.48	157	0.051	<1	1.48	0.011	0.06	0.3	0.07	2.4	0.2	<0.05	4	<0.5	<0.2
11MS3168	Soil	11	34	0.36	124	0.046	<1	1.37	0.006	0.08	0.1	0.11	2.8	0.2	<0.05	6	0.7	<0.2
11MS3169	Soil	14	29	0.38	174	0.060	<1	1.75	0.008	0.07	0.2	0.09	3.2	0.2	<0.05	7	0.6	<0.2
11MS3170	Soil	17	29	0.47	272	0.041	<1	1.50	0.009	0.07	0.2	0.58	4.0	0.3	<0.05	4	0.9	<0.2
11MS3171	Soil	15	27	0.44	181	0.045	<1	1.41	0.009	0.06	0.2	0.34	3.0	0.3	<0.05	4	<0.5	<0.2
11MS3172	Soil	13	32	0.45	223	0.053	<1	1.66	0.010	0.06	0.1	0.13	4.0	0.4	<0.05	4	1.2	<0.2
11MS3173	Soil	18	39	0.55	440	0.049	<1	2.16	0.011	0.08	0.2	0.36	5.2	0.5	<0.05	6	0.9	<0.2
11MS3174	Soil	16	29	0.43	338	0.056	<1	1.31	0.012	0.05	0.2	0.34	4.4	0.2	<0.05	4	0.6	<0.2
11MS3175	Soil	15	34	0.53	379	0.066	<1	1.67	0.011	0.06	0.2	0.11	5.3	0.2	<0.05	5	0.7	<0.2
11MS3176	Soil	15	35	0.60	335	0.077	<1	1.95	0.013	0.07	0.2	0.12	4.8	0.2	<0.05	5	<0.5	<0.2
11MS3177	Soil	12	39	0.68	286	0.081	<1	2.00	0.012	0.09	0.2	0.05	4.3	0.3	<0.05	6	<0.5	<0.2
11MS3178	Soil	16	34	0.56	356	0.070	<1	1.69	0.012	0.06	1.6	0.07	4.9	0.3	<0.05	5	<0.5	<0.2
11MS3179	Soil	12	33	0.52	157	0.072	<1	2.17	0.010	0.06	0.1	0.13	3.4	0.2	<0.05	6	<0.5	<0.2



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Project: Mariposa
Report Date: December 04, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	0.1	2	0.01
11MS3180	Soil	0.9	28.3	9.0	97	0.1	15.4	12.4	316	4.76	7.8	1.7	6.5	6.2	37	0.1	0.3	0.3	54	0.25	0.089
11MS3181	Soil	1.0	31.5	8.1	106	0.2	14.0	12.5	350	5.15	7.0	1.9	4.0	6.5	41	0.1	0.3	0.2	54	0.27	0.099
11MS3182	Soil	0.6	26.1	48.2	81	0.1	46.1	11.9	527	3.08	4.6	1.2	3.9	7.8	22	0.1	0.4	0.2	52	0.35	0.090
11MS3183	Soil	0.7	29.4	25.5	81	0.2	131.0	18.6	483	3.42	6.2	1.2	5.4	6.7	22	0.1	0.5	0.2	56	0.35	0.099
11MS3184	Soil	0.3	58.3	5.7	28	0.4	1537	114.8	1216	6.39	2.6	1.0	7.6	7.0	8	0.4	0.2	0.2	30	0.21	0.069
11MS3185	Soil	0.8	25.8	15.5	69	0.1	492.9	32.2	582	3.98	18.0	1.3	5.3	6.9	21	<0.1	1.5	0.2	52	0.68	0.071
11MS3186	Soil	0.9	18.7	20.0	125	<0.1	24.2	17.8	1105	4.44	11.9	1.8	4.0	16.5	17	<0.1	0.3	0.1	70	0.39	0.131
11MS3187	Soil	2.0	23.1	27.3	56	0.2	19.5	7.3	249	2.53	174.1	0.7	12.7	3.0	16	0.1	14.8	0.2	44	0.15	0.045
11MS3188	Soil	2.4	31.7	17.2	58	0.2	23.3	8.0	241	2.78	76.0	0.9	5.0	4.2	17	0.2	7.4	0.2	48	0.14	0.039
11MS3189	Soil	4.0	32.2	32.5	63	0.4	23.6	8.3	312	2.82	102.0	1.1	6.8	3.3	18	0.2	11.3	0.2	51	0.15	0.045
11MS3190	Soil	1.3	33.7	15.6	38	0.2	19.3	5.6	243	2.73	33.9	1.9	5.2	1.9	14	0.1	4.2	0.3	58	0.06	0.049
11MS3191	Soil	1.6	26.3	23.4	75	0.2	26.3	9.9	315	3.36	24.7	0.9	5.4	2.4	15	<0.1	2.0	0.3	64	0.15	0.048
11MS3192	Soil	1.1	20.1	13.7	54	0.2	24.7	9.1	310	2.65	16.4	0.8	4.6	3.5	19	0.1	1.7	0.2	54	0.22	0.066
11MS3193	Soil	1.8	17.1	20.3	58	0.2	21.8	8.8	245	3.34	47.9	0.7	7.7	2.9	23	0.3	4.4	0.2	67	0.21	0.076
11MS3194	Soil	1.7	23.0	15.6	55	0.2	21.6	8.2	261	2.78	77.4	0.8	6.4	2.0	20	0.2	5.8	0.2	58	0.18	0.057
11MS3195	Soil	1.2	18.2	11.1	50	0.1	21.7	8.4	235	2.58	34.7	0.6	4.7	2.7	18	0.2	2.9	0.2	49	0.17	0.041
11MS3196	Soil	2.4	24.1	14.6	46	0.2	17.6	6.7	200	2.88	73.5	0.7	3.0	2.9	12	0.2	11.2	0.2	62	0.07	0.033
11MS3197	Soil	1.9	43.3	13.3	61	0.2	26.5	11.0	317	2.96	167.5	0.9	5.1	4.2	16	0.2	18.4	0.3	50	0.14	0.045
11MS3198	Soil	1.4	53.2	16.3	69	0.3	28.1	11.3	320	2.72	19.1	1.4	6.5	4.2	21	0.2	1.6	0.2	57	0.21	0.065
11MS3199	Soil	1.2	47.0	14.6	72	0.2	25.2	8.7	173	2.15	13.5	1.2	6.3	3.8	24	0.3	2.3	0.2	55	0.28	0.081
11MS3200	Soil	1.0	36.4	17.6	69	0.2	26.1	9.7	215	2.78	15.4	1.0	6.8	3.8	19	0.3	1.9	0.2	54	0.24	0.075
11MS3201	Soil	1.1	34.6	16.0	68	0.1	25.0	9.3	228	2.85	16.7	1.0	6.4	3.9	19	0.2	1.8	0.2	52	0.22	0.075
11MS3202	Soil	1.4	29.4	34.3	53	0.1	22.6	10.6	286	2.56	16.9	0.6	5.1	3.7	22	0.5	2.1	0.2	48	0.19	0.040
11MS3203	Soil	1.3	50.6	11.2	68	0.2	30.6	13.3	406	2.64	16.2	1.9	6.3	5.3	19	0.2	1.6	0.2	49	0.17	0.048
11MS3204	Soil	1.8	55.8	15.9	68	0.2	38.3	26.5	563	2.96	29.2	1.1	5.8	4.8	18	0.2	2.5	0.2	59	0.16	0.044
11MS3205	Soil	1.2	43.5	10.9	63	0.2	33.0	13.8	454	2.46	13.3	0.9	4.6	3.8	23	<0.1	1.4	0.2	50	0.24	0.061
11MS3206	Soil	3.4	95.6	15.7	75	0.3	34.4	12.1	818	3.66	14.3	3.1	5.9	8.4	19	0.2	1.4	0.3	67	0.11	0.064
11MS3207	Soil	2.8	113.3	8.1	90	0.1	34.9	7.2	263	3.45	4.1	2.7	1.5	8.7	13	<0.1	0.3	0.3	78	0.03	0.067
11MS3208	Soil	5.3	71.9	12.8	86	0.3	37.5	8.9	504	3.90	9.7	1.8	3.1	6.3	29	<0.1	1.1	0.4	82	0.10	0.055
11MS3209	Soil	1.3	33.4	12.1	67	0.1	25.0	11.8	375	2.86	41.5	1.0	5.4	3.6	19	0.2	14.7	0.2	53	0.17	0.051



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11MS3180	Soil	26	30	0.91	644	0.197	<1	2.85	0.021	0.77	0.3	0.03	4.4	0.3	0.15	9	1.5	<0.2
11MS3181	Soil	29	28	1.03	654	0.237	<1	2.98	0.026	0.96	0.3	0.04	4.7	0.3	0.21	10	0.6	<0.2
11MS3182	Soil	44	127	1.51	341	0.157	<1	1.95	0.012	0.62	0.3	0.02	3.4	0.3	<0.05	7	0.6	<0.2
11MS3183	Soil	35	198	1.54	238	0.141	1	2.03	0.009	0.51	0.3	0.03	3.4	0.4	<0.05	7	<0.5	<0.2
11MS3184	Soil	19	1077	5.37	199	0.051	<1	1.90	0.002	0.13	0.1	0.03	7.7	0.3	<0.05	5	1.1	<0.2
11MS3185	Soil	20	334	2.49	211	0.085	2	1.96	0.006	0.33	0.2	0.09	5.9	0.5	<0.05	6	<0.5	<0.2
11MS3186	Soil	46	100	2.07	471	0.170	<1	2.87	0.009	1.03	1.1	0.01	7.4	0.7	<0.05	11	1.3	<0.2
11MS3187	Soil	14	26	0.42	135	0.045	1	1.36	0.008	0.05	0.2	0.23	2.3	0.2	<0.05	4	0.6	<0.2
11MS3188	Soil	17	29	0.46	185	0.055	<1	1.49	0.008	0.07	0.3	0.17	3.0	0.2	<0.05	4	0.7	<0.2
11MS3189	Soil	17	29	0.48	168	0.051	<1	1.53	0.009	0.06	0.4	0.29	3.1	0.2	<0.05	4	1.0	<0.2
11MS3190	Soil	17	28	0.25	112	0.025	<1	1.38	0.005	0.06	0.2	0.10	2.9	0.1	<0.05	4	0.5	<0.2
11MS3191	Soil	14	33	0.54	172	0.063	1	1.89	0.009	0.11	1.0	0.09	2.9	0.2	<0.05	5	0.6	<0.2
11MS3192	Soil	14	28	0.51	182	0.058	<1	1.63	0.010	0.05	0.2	0.06	2.7	0.1	<0.05	5	0.6	<0.2
11MS3193	Soil	13	31	0.48	233	0.052	<1	1.77	0.012	0.05	0.3	0.09	2.3	0.1	<0.05	6	<0.5	<0.2
11MS3194	Soil	14	29	0.46	176	0.052	1	1.63	0.008	0.05	0.2	0.13	2.4	0.2	<0.05	5	<0.5	<0.2
11MS3195	Soil	11	27	0.47	162	0.046	<1	1.73	0.007	0.06	0.2	0.09	2.5	0.1	<0.05	5	0.8	<0.2
11MS3196	Soil	11	25	0.31	141	0.041	<1	1.36	0.006	0.05	0.2	0.12	2.2	0.2	<0.05	5	0.8	<0.2
11MS3197	Soil	14	29	0.48	151	0.054	<1	1.47	0.008	0.06	0.2	0.18	2.7	0.2	<0.05	4	<0.5	<0.2
11MS3198	Soil	20	32	0.60	249	0.062	<1	1.74	0.010	0.07	0.3	0.06	4.1	0.2	<0.05	5	<0.5	<0.2
11MS3199	Soil	17	30	0.48	230	0.068	<1	1.39	0.013	0.06	0.3	0.08	3.6	0.2	<0.05	4	0.9	<0.2
11MS3200	Soil	18	30	0.52	219	0.064	1	1.64	0.010	0.06	0.3	0.08	3.5	0.1	<0.05	5	<0.5	<0.2
11MS3201	Soil	17	29	0.51	218	0.065	<1	1.57	0.012	0.06	0.3	0.08	3.5	0.2	<0.05	5	0.6	<0.2
11MS3202	Soil	13	29	0.48	203	0.062	<1	1.47	0.008	0.06	0.2	0.06	2.3	0.1	<0.05	4	<0.5	<0.2
11MS3203	Soil	19	29	0.55	189	0.075	<1	1.53	0.011	0.09	0.2	0.06	3.2	0.2	<0.05	4	0.7	<0.2
11MS3204	Soil	14	35	0.59	166	0.073	1	2.00	0.011	0.07	0.2	0.08	3.3	0.2	<0.05	5	0.6	<0.2
11MS3205	Soil	15	31	0.58	215	0.071	<1	1.63	0.011	0.08	0.5	0.04	3.1	0.2	<0.05	4	0.8	<0.2
11MS3206	Soil	37	33	0.98	245	0.125	<1	1.96	0.008	0.55	0.5	0.05	3.5	0.6	0.07	6	1.6	<0.2
11MS3207	Soil	36	44	1.20	231	0.154	<1	2.29	0.007	0.97	<0.1	0.02	2.8	0.7	0.18	6	1.2	<0.2
11MS3208	Soil	26	78	1.59	376	0.163	<1	2.56	0.013	0.79	1.4	0.03	4.2	0.6	0.25	8	1.2	<0.2
11MS3209	Soil	17	31	0.52	191	0.065	1	1.54	0.009	0.07	0.2	0.07	2.7	0.3	<0.05	4	1.0	<0.2



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01
11MS3210	Soil	1.9	42.5	14.7	156	0.1	94.6	24.7	657	4.25	155.8	3.1	7.4	9.8	22	0.1	4.2	1.0	78	0.10
11MS3211	Soil	1.4	18.9	12.1	71	0.2	25.1	9.8	282	3.08	16.1	0.6	4.6	3.6	16	0.2	0.9	0.2	69	0.15
11MS3212	Soil	1.9	33.2	12.4	69	0.3	27.6	10.5	336	2.96	39.6	1.1	8.2	3.6	21	0.1	3.1	0.2	62	0.18
11MS3213	Soil	0.8	18.3	10.1	56	<0.1	180.7	14.1	362	2.70	7.2	0.8	1.7	3.4	15	<0.1	0.3	0.2	52	0.13
11MS3214	Soil	0.8	8.4	10.1	34	<0.1	96.2	7.8	234	2.21	6.0	0.5	2.4	2.7	16	<0.1	0.2	0.2	56	0.14
11MS3215	Soil	0.7	17.1	9.1	56	<0.1	265.3	20.4	365	2.87	8.7	0.6	2.1	3.2	16	<0.1	0.6	0.2	50	0.15
11MS3216	Soil	0.6	16.8	10.3	51	<0.1	212.3	17.9	354	2.68	8.3	0.7	2.6	3.7	15	0.1	0.4	0.2	55	0.16
11MS3217	Soil	0.6	13.3	9.0	87	<0.1	59.5	11.1	389	3.24	7.3	0.5	1.0	3.0	13	0.1	0.3	<0.1	60	0.20
11MS3218	Soil	1.0	14.4	12.7	62	<0.1	21.9	8.7	268	3.15	8.8	0.7	1.4	4.1	12	0.1	0.5	0.2	64	0.13
11MS3219	Soil	0.9	13.6	15.6	55	<0.1	17.5	8.4	296	3.01	10.0	0.8	3.1	4.3	11	<0.1	0.5	0.2	65	0.14
11MS3220	Soil	1.0	11.3	13.1	46	<0.1	13.0	5.7	211	2.75	8.2	0.7	2.9	2.5	12	<0.1	0.5	0.2	68	0.15
11MS3221	Soil	0.8	15.0	11.2	65	<0.1	19.7	9.3	343	3.06	9.3	0.8	0.7	4.4	12	<0.1	0.6	0.1	59	0.16
11MS3222	Soil	0.7	15.6	10.1	72	<0.1	20.3	9.9	380	2.96	8.5	0.8	2.0	4.3	12	0.2	0.4	0.1	56	0.18
11MS3223	Soil	0.6	19.0	7.7	37	<0.1	525.4	44.4	795	3.48	7.2	0.6	2.2	1.8	9	<0.1	0.6	<0.1	42	0.19
11MS3224	Soil	0.9	16.1	12.2	58	<0.1	19.9	9.0	262	2.92	10.4	0.9	2.8	4.6	15	0.1	0.6	0.2	60	0.20
11MS3225	Soil	0.9	21.0	11.3	58	<0.1	48.7	12.7	303	2.98	12.1	0.9	2.7	5.9	12	0.2	0.7	0.1	58	0.15
11MS3226	Soil	0.6	11.5	6.2	70	<0.1	249.8	21.3	333	3.26	5.5	0.3	<0.5	2.6	12	<0.1	0.3	<0.1	75	0.21
11MS3227	Soil	0.4	82.8	9.0	39	<0.1	958.4	62.8	762	2.90	4.4	0.5	1.4	3.1	14	<0.1	0.2	<0.1	42	0.26
11MS3228	Soil	0.5	35.4	9.7	58	<0.1	339.8	31.5	482	2.96	5.5	1.0	2.0	3.4	14	<0.1	0.3	<0.1	56	0.24
11MS3229	Soil	0.7	27.9	10.2	62	0.1	117.2	16.0	361	2.76	6.2	1.0	4.0	3.9	16	<0.1	0.4	0.1	63	0.32
11MS3230	Soil	0.5	25.3	6.8	60	<0.1	77.7	12.6	343	2.45	5.3	1.0	1.4	4.6	20	<0.1	0.4	<0.1	54	0.38
11MS3231	Soil	0.8	23.3	11.1	60	0.2	28.8	9.8	248	2.64	7.7	1.3	3.7	2.4	18	<0.1	0.3	0.1	56	0.25
11MS3232	Soil	0.7	17.1	9.6	53	<0.1	19.6	6.9	202	2.34	7.2	1.0	1.7	1.7	15	0.1	0.4	0.1	49	0.20
11MS3233	Soil	0.7	18.5	10.6	69	0.1	19.9	8.0	286	2.87	6.9	1.0	1.2	3.3	15	<0.1	0.3	0.1	58	0.26
11MS3234	Soil	0.7	18.3	9.2	84	0.1	19.3	10.4	508	2.83	4.7	1.0	1.7	2.7	14	<0.1	0.3	<0.1	58	0.28
11MS3235	Soil	0.4	17.0	8.9	83	<0.1	17.8	11.2	474	3.07	6.2	1.0	0.8	4.2	12	0.2	0.5	<0.1	59	0.24
11MS3236	Soil	0.6	16.7	9.7	70	<0.1	18.0	8.8	319	2.73	7.2	0.9	2.2	4.1	15	0.1	0.4	0.1	55	0.24
11MS3237	Soil	0.6	15.3	10.2	67	<0.1	16.2	7.7	245	2.70	6.7	0.9	2.0	3.4	15	0.2	0.7	0.1	58	0.22
11MS3238	Soil	0.8	10.0	8.4	40	<0.1	10.5	4.7	179	1.94	6.5	1.3	1.6	9.4	10	<0.1	1.0	0.1	39	0.13
11MS3239	Soil	0.6	9.3	6.1	37	<0.1	9.6	5.5	215	1.93	5.2	1.2	0.8	9.0	8	<0.1	0.6	<0.1	35	0.13



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Project: Mariposa
Report Date: December 04, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11MS3210	Soil	36	189	1.78	477	0.161	<1	2.80	0.010	0.61	0.2	0.03	4.1	1.0	0.08	9	1.3	0.2
11MS3211	Soil	12	34	0.52	227	0.064	<1	2.11	0.008	0.06	0.2	0.05	2.7	0.2	<0.05	6	<0.5	<0.2
11MS3212	Soil	14	33	0.55	192	0.061	1	1.86	0.009	0.07	0.3	0.09	3.0	0.4	<0.05	5	0.8	<0.2
11MS3213	Soil	14	91	1.01	247	0.073	1	1.79	0.011	0.04	0.2	0.02	3.1	0.1	<0.05	5	0.7	<0.2
11MS3214	Soil	12	56	0.63	269	0.060	<1	1.46	0.008	0.03	0.2	0.02	2.2	0.1	<0.05	6	<0.5	<0.2
11MS3215	Soil	12	89	1.47	202	0.058	<1	1.48	0.012	0.04	0.2	0.02	2.8	<0.1	<0.05	4	<0.5	<0.2
11MS3216	Soil	14	95	1.24	221	0.068	3	1.64	0.015	0.05	0.2	0.01	3.2	<0.1	<0.05	5	<0.5	<0.2
11MS3217	Soil	7	72	1.39	275	0.198	2	2.60	0.009	0.26	0.5	<0.01	2.4	0.2	<0.05	7	<0.5	<0.2
11MS3218	Soil	12	39	0.75	189	0.118	2	2.27	0.009	0.09	0.2	0.02	2.8	0.2	<0.05	7	<0.5	<0.2
11MS3219	Soil	12	36	0.59	162	0.087	1	2.03	0.009	0.08	0.2	0.03	3.2	0.1	<0.05	6	<0.5	<0.2
11MS3220	Soil	12	33	0.57	141	0.096	2	1.74	0.009	0.07	0.1	0.02	2.4	0.1	<0.05	7	<0.5	<0.2
11MS3221	Soil	11	40	0.76	170	0.111	2	2.27	0.009	0.11	0.2	<0.01	3.0	0.1	<0.05	6	0.6	<0.2
11MS3222	Soil	11	42	0.87	180	0.124	2	2.35	0.011	0.15	0.1	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
11MS3223	Soil	9	404	1.03	164	0.037	2	1.33	0.007	0.03	0.1	0.09	3.3	<0.1	<0.05	4	0.5	<0.2
11MS3224	Soil	15	40	0.62	280	0.089	2	1.92	0.010	0.09	0.2	0.04	4.0	0.1	<0.05	6	0.7	<0.2
11MS3225	Soil	14	71	0.70	214	0.079	2	2.06	0.010	0.07	0.2	0.06	3.7	0.1	<0.05	5	<0.5	<0.2
11MS3226	Soil	12	596	3.15	319	0.163	1	3.23	0.007	0.30	<0.1	<0.01	4.1	0.3	<0.05	8	<0.5	<0.2
11MS3227	Soil	11	482	2.33	274	0.067	<1	1.88	0.005	0.12	0.2	<0.01	2.5	0.4	<0.05	5	<0.5	<0.2
11MS3228	Soil	12	289	1.48	325	0.095	1	1.92	0.012	0.08	0.2	0.02	3.7	0.2	<0.05	5	0.5	<0.2
11MS3229	Soil	14	188	1.22	312	0.126	2	1.94	0.012	0.14	0.4	0.01	3.7	0.2	<0.05	6	<0.5	<0.2
11MS3230	Soil	16	174	1.22	338	0.121	1	1.66	0.013	0.21	0.5	0.02	3.6	0.2	<0.05	5	<0.5	<0.2
11MS3231	Soil	16	68	0.70	273	0.085	2	1.80	0.011	0.10	0.2	0.03	3.1	0.1	<0.05	6	<0.5	<0.2
11MS3232	Soil	12	43	0.56	182	0.070	1	1.51	0.011	0.07	0.2	0.04	2.2	<0.1	<0.05	5	<0.5	<0.2
11MS3233	Soil	12	45	0.75	294	0.114	1	1.85	0.010	0.25	0.4	0.03	3.3	0.1	<0.05	6	<0.5	<0.2
11MS3234	Soil	11	56	1.01	407	0.129	<1	2.00	0.011	0.45	0.3	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
11MS3235	Soil	10	49	0.91	277	0.141	<1	2.16	0.009	0.34	0.3	0.01	3.0	0.2	<0.05	7	<0.5	<0.2
11MS3236	Soil	12	39	0.71	255	0.112	1	1.85	0.010	0.16	0.3	0.04	3.0	0.1	<0.05	6	<0.5	<0.2
11MS3237	Soil	13	38	0.70	266	0.125	1	1.85	0.011	0.17	0.3	0.10	3.0	0.1	<0.05	7	<0.5	<0.2
11MS3238	Soil	20	21	0.47	151	0.087	2	1.25	0.008	0.09	0.2	0.09	2.6	0.1	<0.05	5	<0.5	<0.2
11MS3239	Soil	15	19	0.52	134	0.092	<1	1.19	0.007	0.23	0.2	0.18	3.0	0.2	<0.05	5	<0.5	<0.2



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
11MS3240	Soil	0.6	7.4	6.3	36	<0.1	8.6	6.3	264	2.18	5.3	2.1	1.3	11.0	9	<0.1	1.1	0.1	35	0.16	0.059
11MS3241	Soil	0.6	7.8	5.5	37	<0.1	8.6	4.8	186	2.00	4.3	2.4	1.1	14.0	10	<0.1	1.1	0.1	30	0.16	0.040
11MS3242	Soil	0.7	8.0	6.5	31	<0.1	8.9	4.1	163	1.59	5.1	1.1	2.6	7.4	9	<0.1	0.7	<0.1	35	0.12	0.030
11MS3243	Soil	1.0	10.3	8.6	37	<0.1	10.3	4.9	177	2.00	6.2	1.6	5.4	8.7	10	<0.1	0.6	0.2	44	0.13	0.029
11MS3244	Soil	0.8	8.7	7.6	38	<0.1	7.8	5.3	208	2.11	6.2	1.6	1.1	10.0	10	<0.1	0.8	0.1	42	0.13	0.034
11MS3245	Soil	1.2	15.4	12.6	46	0.2	12.9	6.0	246	2.44	8.0	2.6	4.9	9.9	12	<0.1	0.8	0.2	51	0.13	0.044
11MS3246	Soil	0.8	18.4	7.3	50	<0.1	12.3	9.1	278	3.01	4.8	2.9	1.9	16.2	9	<0.1	1.2	0.2	52	0.12	0.040
11MS3247	Soil	0.6	9.5	6.2	48	<0.1	7.8	6.8	263	2.35	3.8	2.1	2.2	13.6	7	<0.1	1.7	0.1	41	0.11	0.033
11MS3248	Soil	1.0	9.9	9.0	47	<0.1	10.5	5.6	221	2.39	6.3	1.4	1.4	10.9	10	<0.1	0.8	0.1	49	0.12	0.024
11MS3249	Soil	1.0	10.0	8.3	48	<0.1	9.1	5.7	252	2.45	6.2	2.1	1.4	13.3	8	<0.1	1.1	0.1	48	0.11	0.029
11MS3250	Soil	1.7	11.1	10.1	46	<0.1	9.1	5.4	214	2.27	6.0	2.4	1.8	10.5	11	<0.1	1.0	0.1	49	0.14	0.031
11MS3251	Soil	1.7	13.4	10.9	54	<0.1	10.8	7.4	279	2.84	6.5	2.0	2.7	11.4	11	<0.1	0.7	0.1	58	0.16	0.033
11MS3252	Soil	2.3	10.7	9.9	52	<0.1	10.8	6.1	255	2.77	7.1	1.6	1.4	7.8	11	<0.1	0.7	0.2	59	0.14	0.032
11MS3253	Soil	1.3	9.9	10.6	58	<0.1	10.0	6.8	340	2.56	3.8	2.0	0.5	8.5	11	<0.1	0.7	0.1	47	0.17	0.051
11MS3254	Soil	1.1	8.4	8.4	54	<0.1	9.7	6.0	312	2.59	4.9	1.6	<0.5	9.7	7	<0.1	0.8	0.1	48	0.11	0.037
11MS3255	Soil	0.9	11.3	8.2	52	<0.1	12.1	7.4	300	2.38	5.0	1.9	1.2	11.5	11	<0.1	0.8	0.1	42	0.15	0.039
11MS3256	Soil	0.8	10.2	8.3	47	<0.1	10.4	6.2	238	2.10	4.7	1.8	3.3	10.4	10	<0.1	0.7	0.1	37	0.11	0.024
11MS3257	Soil	0.9	9.9	8.6	53	<0.1	10.1	5.9	294	2.22	4.7	2.1	0.8	11.7	8	<0.1	1.6	0.2	40	0.09	0.022
11MS3258	Soil	1.1	11.9	9.4	45	<0.1	10.8	6.1	249	2.16	5.9	1.9	1.7	9.0	8	<0.1	0.7	0.2	41	0.08	0.028
11MS3259	Soil	0.9	12.2	9.0	42	<0.1	10.1	5.1	185	2.04	6.3	2.3	3.8	7.7	9	<0.1	0.6	0.1	38	0.09	0.022
11MS3260	Soil	1.0	10.9	8.0	37	<0.1	8.4	4.0	165	1.71	5.1	2.9	0.8	8.2	8	<0.1	0.7	0.2	35	0.08	0.027
11MS3261	Soil	0.9	10.8	8.0	40	<0.1	8.7	4.1	171	1.77	5.1	2.6	<0.5	8.5	8	<0.1	0.7	0.1	35	0.09	0.025
11MS3252 Dup	Soil	1.8	11.2	9.9	54	<0.1	9.8	6.3	307	2.54	5.7	1.5	5.5	9.2	10	<0.1	0.7	0.2	47	0.14	0.033



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
11MS3240	Soil	22	18	0.56	192	0.118	1	1.34	0.009	0.41	0.2	0.11	3.6	0.3	<0.05	6	<0.5	<0.2
11MS3241	Soil	31	17	0.52	190	0.107	1	1.23	0.010	0.39	0.2	0.16	3.6	0.3	<0.05	6	<0.5	<0.2
11MS3242	Soil	16	17	0.39	166	0.083	1	1.11	0.007	0.12	0.1	0.08	2.5	0.1	<0.05	5	<0.5	<0.2
11MS3243	Soil	21	20	0.43	214	0.087	1	1.36	0.010	0.10	0.1	0.04	3.3	0.1	<0.05	6	<0.5	<0.2
11MS3244	Soil	21	18	0.46	190	0.095	1	1.28	0.008	0.17	0.2	0.05	3.1	0.2	<0.05	6	<0.5	<0.2
11MS3245	Soil	32	23	0.46	231	0.086	1	1.66	0.011	0.10	0.1	0.06	3.6	0.1	<0.05	7	<0.5	<0.2
11MS3246	Soil	44	33	0.86	252	0.168	<1	1.95	0.010	0.78	0.1	0.02	6.6	0.3	<0.05	10	<0.5	<0.2
11MS3247	Soil	41	21	0.65	157	0.137	<1	1.46	0.008	0.46	0.2	0.03	3.7	0.4	<0.05	7	<0.5	<0.2
11MS3248	Soil	25	22	0.55	173	0.113	1	1.48	0.009	0.16	0.2	0.02	3.6	0.2	<0.05	6	<0.5	<0.2
11MS3249	Soil	36	19	0.56	163	0.129	1	1.52	0.011	0.26	0.2	0.02	3.7	0.2	<0.05	7	<0.5	<0.2
11MS3250	Soil	32	20	0.53	180	0.111	1	1.38	0.009	0.22	0.2	0.01	3.4	0.2	<0.05	7	<0.5	<0.2
11MS3251	Soil	30	28	0.73	207	0.125	<1	1.80	0.012	0.30	0.2	0.02	4.0	0.3	<0.05	8	<0.5	<0.2
11MS3252	Soil	22	25	0.58	163	0.121	<1	1.49	0.007	0.17	0.2	0.02	2.8	0.2	<0.05	8	<0.5	<0.2
11MS3253	Soil	38	26	0.64	219	0.128	1	1.42	0.006	0.38	0.2	0.02	3.1	0.3	<0.05	7	<0.5	<0.2
11MS3254	Soil	27	23	0.60	134	0.134	<1	1.33	0.006	0.32	0.2	0.01	3.0	0.3	<0.05	7	<0.5	<0.2
11MS3255	Soil	26	21	0.57	195	0.108	2	1.32	0.007	0.25	0.2	0.02	2.6	0.3	<0.05	5	<0.5	<0.2
11MS3256	Soil	25	21	0.49	222	0.090	1	1.23	0.007	0.14	0.2	0.03	2.4	0.2	<0.05	5	<0.5	<0.2
11MS3257	Soil	24	24	0.54	178	0.110	<1	1.30	0.006	0.32	0.2	0.02	2.7	0.3	<0.05	6	<0.5	<0.2
11MS3258	Soil	21	20	0.42	147	0.080	<1	1.24	0.006	0.10	0.2	0.02	2.1	0.1	<0.05	5	<0.5	<0.2
11MS3259	Soil	18	19	0.38	151	0.072	<1	1.19	0.006	0.07	0.2	0.05	2.3	<0.1	<0.05	5	<0.5	<0.2
11MS3260	Soil	24	17	0.36	143	0.072	<1	1.06	0.005	0.10	0.2	0.10	2.1	0.1	<0.05	5	<0.5	<0.2
11MS3261	Soil	23	17	0.36	137	0.073	1	1.04	0.005	0.10	0.2	0.10	2.2	0.1	<0.05	5	<0.5	<0.2
11MS3252 Dup	Soil	22	23	0.59	143	0.114	1	1.29	0.010	0.19	0.2	<0.01	2.9	0.2	<0.05	6	<0.5	<0.2



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QUALITY CONTROL REPORT

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Method Analyte Unit MDL		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																				
11MS3008	Soil	1.0	10.5	9.6	47	<0.1	11.7	6.8	272	2.71	8.1	1.7	1.5	9.8	11	<0.1	1.0	0.2	52	0.11
REP 11MS3008	QC	0.9	10.7	9.3	46	<0.1	11.3	6.9	287	2.68	7.7	1.7	2.3	9.9	11	<0.1	1.1	0.2	53	0.11
11MS3024	Soil	2.0	15.9	10.1	58	<0.1	15.6	9.9	363	3.00	9.1	1.7	1.3	10.4	12	0.1	1.7	0.2	59	0.12
REP 11MS3024	QC	2.3	15.1	9.7	56	<0.1	15.3	9.2	357	2.97	8.8	1.6	1.2	10.4	11	0.1	1.6	0.2	60	0.13
11MS3050	Soil	0.9	19.1	11.4	45	<0.1	15.2	7.3	300	2.58	7.4	1.1	2.7	7.4	23	<0.1	1.0	0.2	55	0.18
REP 11MS3050	QC	0.8	19.1	11.7	44	<0.1	14.9	7.3	303	2.60	7.6	1.1	1.9	7.0	23	<0.1	1.2	0.1	55	0.18
11MS3065	Soil	0.6	59.8	11.6	112	<0.1	27.2	13.7	639	4.43	5.3	0.4	1.1	2.0	43	0.1	0.9	<0.1	119	0.30
REP 11MS3065	QC	0.5	59.7	11.4	110	<0.1	26.5	14.2	650	4.43	5.3	0.4	<0.5	1.9	43	0.1	1.0	<0.1	121	0.30
11MS3073	Soil	0.7	18.2	9.3	67	<0.1	21.4	9.8	311	2.97	11.0	1.0	1.7	6.8	20	0.1	0.4	0.2	51	0.19
REP 11MS3073	QC	0.8	18.6	9.4	69	<0.1	20.9	9.3	318	2.92	10.9	1.0	3.5	6.8	21	0.1	0.4	0.2	51	0.18
11MS3091	Soil	1.6	31.1	11.6	96	0.3	22.7	7.3	220	2.50	11.9	1.4	7.0	2.5	17	0.4	0.5	0.1	75	0.20
REP 11MS3091	QC	1.8	31.6	11.0	93	0.3	23.8	7.4	236	2.45	11.7	1.3	3.1	2.5	18	0.3	0.6	0.2	77	0.20
11MS3122	Soil	1.3	13.2	12.5	68	<0.1	17.2	7.5	304	3.00	11.6	0.6	0.9	4.8	16	0.1	0.5	0.2	67	0.13
REP 11MS3122	QC	1.3	12.8	12.6	68	<0.1	18.1	8.1	311	3.13	11.7	0.6	<0.5	5.1	16	<0.1	0.6	0.2	70	0.14
11MS3130	Soil	1.7	30.1	12.6	59	<0.1	22.8	9.6	294	3.24	34.2	1.3	3.5	4.6	15	0.2	4.5	0.2	66	0.09
REP 11MS3130	QC	1.4	28.3	11.9	59	<0.1	20.6	9.3	287	3.09	32.6	1.2	5.0	4.3	13	0.2	4.0	0.2	64	0.08
11MS3157	Soil	1.7	42.1	11.2	63	0.4	22.4	13.4	270	3.03	104.0	1.3	2.2	3.8	13	0.5	6.2	0.1	75	0.10
REP 11MS3157	QC	1.7	39.7	10.9	62	0.4	22.3	12.9	262	2.92	100.3	1.3	4.2	3.8	13	0.5	6.3	0.1	74	0.10
11MS3163	Soil	2.8	49.5	13.0	65	0.7	19.9	6.5	180	2.52	26.9	1.9	9.7	4.1	21	0.2	2.6	0.2	57	0.16
REP 11MS3163	QC	2.9	50.5	12.6	65	0.6	20.0	6.8	181	2.56	27.5	2.0	8.4	3.9	21	0.4	2.5	0.2	60	0.16
11MS3195	Soil	1.2	18.2	11.1	50	0.1	21.7	8.4	235	2.58	34.7	0.6	4.7	2.7	18	0.2	2.9	0.2	49	0.17
REP 11MS3195	QC	1.0	18.8	11.2	51	0.2	22.0	8.6	237	2.65	35.7	0.6	4.6	2.9	20	0.2	2.7	0.1	51	0.18
11MS3209	Soil	1.3	33.4	12.1	67	0.1	25.0	11.8	375	2.86	41.5	1.0	5.4	3.6	19	0.2	14.7	0.2	53	0.17
REP 11MS3209	QC	1.5	32.2	12.0	68	0.1	24.5	12.0	365	2.92	40.5	0.9	2.7	3.6	19	0.2	14.7	0.2	56	0.18
11MS3216	Soil	0.6	16.8	10.3	51	<0.1	212.3	17.9	354	2.68	8.3	0.7	2.6	3.7	15	0.1	0.4	0.2	55	0.16
REP 11MS3216	QC	0.8	17.1	10.8	53	<0.1	215.3	18.3	366	2.77	8.7	0.7	1.0	3.7	15	<0.1	0.5	0.1	56	0.16
11MS3251	Soil	1.7	13.4	10.9	54	<0.1	10.8	7.4	279	2.84	6.5	2.0	2.7	11.4	11	<0.1	0.7	0.1	58	0.16
REP 11MS3251	QC	1.7	13.2	10.7	52	<0.1	11.2	7.0	274	2.80	6.4	2.0	2.9	11.3	11	<0.1	0.7	0.1	56	0.16



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Project: Mariposa

Report Date: December 04, 2011

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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
11MS3008	Soil	32	25	0.55	151	0.095	1	1.66	0.007	0.15	0.2	0.05	3.4	0.2	<0.05	7	<0.5	<0.2
REP 11MS3008	QC	33	26	0.56	155	0.106	2	1.70	0.011	0.16	0.3	0.04	3.3	0.2	<0.05	7	0.5	<0.2
11MS3024	Soil	24	30	0.71	147	0.114	<1	1.71	0.008	0.31	0.2	0.11	4.4	0.2	<0.05	7	<0.5	<0.2
REP 11MS3024	QC	23	30	0.72	145	0.117	1	1.71	0.008	0.29	0.1	0.12	4.2	0.2	<0.05	7	0.5	<0.2
11MS3050	Soil	19	25	0.51	282	0.090	1	1.68	0.011	0.14	0.2	0.30	4.0	0.1	<0.05	7	<0.5	<0.2
REP 11MS3050	QC	20	25	0.50	285	0.090	<1	1.66	0.010	0.14	0.1	0.32	4.1	0.1	<0.05	6	<0.5	<0.2
11MS3065	Soil	6	61	1.73	295	0.264	<1	3.02	0.021	0.34	0.4	0.01	7.3	0.1	<0.05	12	<0.5	<0.2
REP 11MS3065	QC	6	64	1.73	295	0.275	1	2.88	0.016	0.35	0.4	0.01	7.5	0.1	<0.05	13	<0.5	<0.2
11MS3073	Soil	14	38	0.81	185	0.121	2	2.42	0.010	0.18	0.2	0.03	3.1	0.2	<0.05	7	<0.5	<0.2
REP 11MS3073	QC	14	38	0.82	185	0.119	1	2.36	0.011	0.17	0.2	0.03	2.8	0.2	<0.05	7	<0.5	<0.2
11MS3091	Soil	16	31	0.53	247	0.062	2	1.58	0.008	0.07	0.2	0.05	2.7	0.2	<0.05	6	<0.5	<0.2
REP 11MS3091	QC	16	33	0.54	247	0.062	1	1.57	0.008	0.07	0.2	0.04	2.9	0.2	<0.05	5	0.5	<0.2
11MS3122	Soil	15	29	0.48	280	0.054	<1	1.92	0.008	0.06	0.1	0.02	2.5	0.1	<0.05	6	<0.5	<0.2
REP 11MS3122	QC	17	30	0.51	289	0.063	<1	2.08	0.009	0.06	0.2	0.02	2.5	0.1	<0.05	7	0.7	<0.2
11MS3130	Soil	12	36	0.44	285	0.050	2	2.11	0.007	0.06	0.2	0.07	4.5	0.1	<0.05	5	0.7	<0.2
REP 11MS3130	QC	11	34	0.42	273	0.044	<1	2.01	0.007	0.06	0.1	0.06	4.3	<0.1	<0.05	5	<0.5	<0.2
11MS3157	Soil	12	33	0.45	142	0.057	1	1.92	0.008	0.07	0.2	0.30	6.3	0.4	<0.05	6	<0.5	<0.2
REP 11MS3157	QC	12	32	0.43	137	0.054	1	1.90	0.008	0.07	0.1	0.29	6.2	0.4	<0.05	6	0.5	<0.2
11MS3163	Soil	21	28	0.42	224	0.052	<1	1.22	0.009	0.12	0.2	0.13	3.4	0.4	<0.05	4	1.2	<0.2
REP 11MS3163	QC	22	29	0.42	224	0.054	<1	1.22	0.009	0.13	0.1	0.12	3.4	0.4	<0.05	4	1.3	<0.2
11MS3195	Soil	11	27	0.47	162	0.046	<1	1.73	0.007	0.06	0.2	0.09	2.5	0.1	<0.05	5	0.8	<0.2
REP 11MS3195	QC	12	27	0.47	162	0.051	1	1.80	0.008	0.06	0.2	0.09	2.4	0.1	<0.05	5	0.5	<0.2
11MS3209	Soil	17	31	0.52	191	0.065	1	1.54	0.009	0.07	0.2	0.07	2.7	0.3	<0.05	4	1.0	<0.2
REP 11MS3209	QC	17	31	0.55	190	0.068	1	1.52	0.010	0.08	0.3	0.08	2.8	0.4	<0.05	5	0.7	<0.2
11MS3216	Soil	14	95	1.24	221	0.068	3	1.64	0.015	0.05	0.2	0.01	3.2	<0.1	<0.05	5	<0.5	<0.2
REP 11MS3216	QC	14	97	1.28	225	0.068	2	1.68	0.013	0.04	0.2	0.01	3.4	<0.1	<0.05	5	0.7	<0.2
11MS3251	Soil	30	28	0.73	207	0.125	<1	1.80	0.012	0.30	0.2	0.02	4.0	0.3	<0.05	8	<0.5	<0.2
REP 11MS3251	QC	29	27	0.71	202	0.124	<1	1.76	0.009	0.28	0.2	0.02	4.1	0.2	<0.05	8	<0.5	<0.2



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QUALITY CONTROL REPORT

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		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
11MS3255	Soil	0.9	11.3	8.2	52	<0.1	12.1	7.4	300	2.38	5.0	1.9	1.2	11.5	11	<0.1	0.8	0.1	42	0.15	0.039
REP 11MS3255	QC	0.9	11.6	8.2	55	<0.1	12.4	7.6	306	2.46	5.5	2.0	0.5	11.8	10	<0.1	0.8	0.2	44	0.15	0.039
Reference Materials																					
STD DS8	Standard	13.9	108.0	122.9	313	1.8	36.7	7.4	595	2.43	25.3	2.9	109.5	6.7	80	2.1	6.1	6.7	42	0.71	0.080
STD DS8	Standard	12.5	106.5	124.2	301	1.8	36.1	7.3	600	2.41	26.1	2.7	103.4	6.5	66	2.2	5.6	6.4	43	0.67	0.075
STD DS8	Standard	12.9	104.0	121.0	310	1.7	35.8	7.2	612	2.36	25.7	2.9	125.3	6.6	81	2.4	6.2	6.5	41	0.71	0.078
STD DS8	Standard	12.7	107.3	119.1	304	1.9	35.5	7.1	598	2.32	26.8	2.7	110.8	6.4	70	2.2	5.6	6.3	40	0.66	0.075
STD DS8	Standard	14.0	107.8	128.9	307	1.8	35.2	7.3	620	2.43	25.4	3.3	108.7	8.1	65	2.5	6.4	5.3	42	0.71	0.077
STD DS8	Standard	12.9	110.7	131.4	312	1.8	36.8	7.3	618	2.45	25.8	3.2	109.2	7.7	62	2.3	6.1	5.2	42	0.68	0.077
STD DS8	Standard	13.2	105.5	123.5	305	1.7	37.7	7.3	621	2.50	26.7	2.9	105.6	6.8	76	2.6	5.2	6.2	43	0.73	0.076
STD DS8	Standard	12.7	105.5	130.1	311	1.8	38.2	8.0	617	2.47	27.0	2.9	115.2	6.9	74	2.4	5.6	6.4	41	0.71	0.082
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



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QUALITY CONTROL REPORT

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		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Ti ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
11MS3255	Soil	26	21	0.57	195	0.108	2	1.32	0.007	0.25	0.2	0.02	2.6	0.3	<0.05	5	<0.5	<0.2
REP 11MS3255	QC	27	21	0.57	203	0.112	<1	1.38	0.006	0.25	0.3	0.02	2.9	0.3	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	115	0.62	280	0.126	2	0.91	0.105	0.43	2.9	0.21	2.6	5.5	0.17	5	6.5	5.0
STD DS8	Standard	14	113	0.58	267	0.114	3	0.89	0.093	0.41	2.9	0.17	1.9	5.4	0.16	5	5.1	4.7
STD DS8	Standard	16	116	0.60	286	0.123	2	0.98	0.101	0.43	3.0	0.19	2.9	5.4	0.16	5	5.4	5.4
STD DS8	Standard	15	111	0.60	280	0.115	3	0.91	0.106	0.44	3.1	0.19	2.1	5.2	0.15	5	5.3	4.6
STD DS8	Standard	17	117	0.59	283	0.126	3	0.93	0.112	0.42	2.8	0.20	3.2	5.4	0.11	5	4.8	4.9
STD DS8	Standard	15	116	0.62	272	0.120	3	0.92	0.102	0.42	2.8	0.21	2.8	5.2	0.12	5	5.4	4.8
STD DS8	Standard	17	116	0.65	280	0.120	2	0.91	0.090	0.41	2.9	0.18	2.2	5.1	0.16	5	5.0	4.4
STD DS8	Standard	16	117	0.62	283	0.119	1	0.98	0.102	0.42	2.8	0.22	2.5	5.6	0.18	5	5.1	4.7
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

APPENDIX V

SAMPLE DETAILS LIST

Area	Year	Sample No.	Sampler	Type	Lab	Cert_ID	Method	E UTM83Z07	N UTM83Z07	Depth	Horizon	Au ppb	Ag ppm	As ppm	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Ba ppm
Eureka South	2011	11AN3000	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614252	7041830	40	C	2.90	0.049	9.5	1.2	13.4	11.2	63.0	0.6	159
Eureka South	2011	11AN3001	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614243	7041806	40	C	1.50	0.049	7.4	1.1	21.1	12.1	63.0	0.8	154
Eureka South	2011	11AN3002	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614234	7041783	40	C	2.40	0.049	10.0	1.1	17.2	12.0	59.0	0.6	157
Eureka South	2011	11AN3003	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614224	7041760	40	C	2.90	0.049	9.0	1.0	22.0	11.9	63.0	0.7	208
Eureka South	2011	11AN3004	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614215	7041737	40	C	2.30	0.200	9.6	1.6	19.4	17.6	59.0	0.7	182
Eureka South	2011	11AN3023	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614527	7040395	40	C	1.00	0.049	2.7	0.9	10.6	11.3	40.0	1.0	164
Eureka South	2011	11CB3000	Carl Berg	Soil	ACME	WHI11001439	1DX15	613978	7041374	30	C	0.25	0.049	5.9	0.9	11.1	11.1	31.0	0.8	177
Eureka South	2011	11CB3001	Carl Berg	Soil	ACME	WHI11001439	1DX15	613956	7041356	30	C	5.50	0.049	9.6	0.9	15.1	11.9	55.0	0.9	149
Eureka South	2011	11CB3002	Carl Berg	Soil	ACME	WHI11001439	1DX15	613935	7041342	30	C	4.60	0.049	11.1	0.9	20.0	11.0	47.0	0.8	218
Eureka South	2011	11CB3003	Carl Berg	Soil	ACME	WHI11001439	1DX15	613916	7041327	30	C	0.60	0.049	8.7	1.0	22.0	10.5	60.0	1.7	198
Eureka South	2011	11CB3004	Carl Berg	Soil	ACME	WHI11001439	1DX15	613895	7041305	30	C	0.25	0.100	10.4	1.4	16.1	11.6	56.0	0.7	201
Eureka South	2011	11CB3005	Carl Berg	Soil	ACME	WHI11001439	1DX15	613874	7041297	30	C	1.10	0.049	11.2	1.1	23.9	11.9	59.0	0.8	231
Eureka South	2011	11CB3006	Carl Berg	Soil	ACME	WHI11001439	1DX15	613856	7041281	30	C	2.50	0.049	12.0	1.2	18.2	11.1	75.0	0.8	245
Eureka South	2011	11CB3007	Carl Berg	Soil	ACME	WHI11001439	1DX15	613834	7041267	30	C	1.60	0.049	6.5	0.9	11.2	9.8	29.0	0.5	154
Eureka South	2011	11CB3008	Carl Berg	Soil	ACME	WHI11001439	1DX15	613815	7041252	30	C	3.50	0.049	10.7	1.2	31.2	11.2	50.0	0.9	266
Eureka South	2011	11CB3009	Carl Berg	Soil	ACME	WHI11001439	1DX15	613796	7041232	30	C	3.40	0.049	11.3	1.0	23.8	11.3	49.0	1.2	184
Eureka South	2011	11CB3010	Carl Berg	Soil	ACME	WHI11001439	1DX15	613776	7041217	30	C	1.70	0.049	10.8	1.3	19.2	11.2	61.0	1.0	157
Eureka South	2011	11CB3011	Carl Berg	Soil	ACME	WHI11001439	1DX15	613755	7041202	30	C	1.90	0.049	10.5	1.1	24.7	11.2	53.0	0.9	204
Eureka South	2011	11CB3012	Carl Berg	Soil	ACME	WHI11001439	1DX15	613733	7041187	30	C	1.30	0.049	9.5	0.9	12.0	9.7	40.0	0.9	147
Eureka South	2011	11CB3013	Carl Berg	Soil	ACME	WHI11001439	1DX15	613717	7041180	30	C	3.00	0.049	12.6	1.2	27.1	11.4	61.0	1.1	242
Eureka South	2011	11CB3014	Carl Berg	Soil	ACME	WHI11001439	1DX15	613694	7041168	30	C	3.20	0.100	9.6	1.1	40.6	9.9	54.0	1.3	261
Eureka South	2011	11CB3015	Carl Berg	Soil	ACME	WHI11001439	1DX15	613665	7041162	30	C	0.25	0.049	8.1	1.3	15.4	8.3	45.0	1.3	165
Eureka South	2011	11CB3016	Carl Berg	Soil	ACME	WHI11001439	1DX15	613643	7041154	30	C	1.80	0.049	7.6	1.0	17.1	8.5	44.0	0.8	172
Eureka South	2011	11CB3017	Carl Berg	Soil	ACME	WHI11001439	1DX15	613626	7041146	30	C	1.70	0.049	10.6	0.8	20.0	10.5	52.0	1.0	206
Eureka South	2011	11CB3018	Carl Berg	Soil	ACME	WHI11001439	1DX15	613594	7041137	30	C	0.25	0.049	5.0	1.5	18.4	7.3	54.0	1.4	224
Eureka South	2011	11CB3019	Carl Berg	Soil	ACME	WHI11001439	1DX15	613571	7041129	30	C	3.00	0.049	6.3	1.0	20.7	9.1	51.0	1.1	264
Eureka South	2011	11CB3020	Carl Berg	Soil	ACME	WHI11001439	1DX15	613550	7041120	30	C	1.80	0.049	7.2	1.0	13.4	8.5	57.0	1.0	188
Eureka South	2011	11CB3022	Carl Berg	Soil	ACME	WHI11001439	1DX15	613528	7041115	30	C	3.40	0.049	8.3	1.3	13.5	10.4	42.0	1.0	134
Eureka South	2011	11MS3000	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612692	7041752	30	C	0.70	0.049	5.6	1.0	10.6	9.7	46.0	1.1	210
Eureka South	2011	11MS3001	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612717	7041757	50	C	1.40	0.049	5.9	1.0	9.7	8.7	43.0	0.7	163
Eureka South	2011	11MS3002	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612742	7041762	50	C	1.70	0.049	4.0	0.6	9.4	5.9	51.0	0.8	164
Eureka South	2011	11MS3003	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612766	7041768	60	C	1.00	0.049	4.0	1.2	11.6	6.8	62.0	0.9	196
Eureka South	2011	11MS3004	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612788	7041777	60	C	1.30	0.049	6.8	0.9	9.4	7.6	48.0	1.1	165
Eureka South	2011	11MS3005	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612815	7041778	40	C	3.80	0.049	5.3	0.8	10.4	7.1	47.0	1.5	177
Eureka South	2011	11MS3006	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612839	7041783	30	C	0.90	0.049	4.5	0.8	9.0	6.9	43.0	1.2	229
Eureka South	2011	11MS3007	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612864	7041788	40	C	3.00	0.049	6.9	1.1	8.9	7.5	44.0	0.9	156
Eureka South	2011	11MS3008	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612888	7041794	40	C	1.50	0.049	8.1	1.0	10.5	9.6	47.0	1.0	151
Eureka South	2011	11MS3009	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612913	7041799	40	C	1.50	0.049	5.7	1.0	12.6	8.9	43.0	0.7	202
Eureka South	2011	11MS3010	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612937	7041804	80	C	0.70	0.049	2.8	0.6	12.1	4.1	43.0	1.4	186
Eureka South	2011	11MS3011	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612961	7041809	50	C	2.10	0.049	6.7	1.1	10.3	9.6	46.0	0.8	149
Eureka South	2011	11MS3012	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612986	7041815	30	C	2.20	0.049	7.5	1.3	14.6	12.7	48.0	0.8	220
Eureka South	2011	11MS3013	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613011	7041820	40	C	1.80	0.049	6.1	0.8	8.8	7.0	47.0	1.7	139
Eureka South	2011	11MS3014	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613035	7041825	40	C	2.50	0.049	7.9	0.9	12.9	8.3	48.0	0.9	185
Eureka South	2011	11MS3015	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613059	7041830	40	C	3.80	0.049	6.6	1.0	11.0	8.4	46.0	0.7	156
Eureka South	2011	11MS3016	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613084	7041835	60	C	1.90	0.049	4.1	0.6	9.5	5.6	39.0	0.6	173
Eureka South	2011	11MS3017	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613108	7041841	40	C	1.40	0.049	6.0	0.9	13.7	7.7	46.0	0.8	250

Area	Year	Sample No.	Sampler	Type	Lab	Cert_ID	Method	E UTM83Z07	N UTM83Z07	Depth	Horizon	Au ppb	Ag ppm	As ppm	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Ba ppm
Eureka South	2011	11MS3018	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613133	7041846	20	C	1.00	0.049	7.0	1.2	9.9	8.6	46.0	0.8	216
Eureka South	2011	11MS3019	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613157	7041851	30	C	0.90	0.049	7.1	1.5	10.4	9.4	43.0	0.9	219
Eureka South	2011	11MS3020	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613182	7041856	40	C	11.00	0.049	8.6	1.2	10.1	8.6	45.0	0.9	126
Eureka South	2011	11MS3021	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613206	7041862	30	C	1.90	0.049	6.7	1.0	9.6	10.9	34.0	0.6	175
Eureka South	2011	11YM3000	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613572	7042266	40	C	3.10	0.049	8.5	1.0	13.5	10.1	50.0	0.6	261
Eureka South	2011	11YM3001	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613540	7042241	50	C	7.60	0.049	8.4	0.8	20.1	8.9	62.0	0.7	348
Eureka South	2011	11YM3002	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613538	7042223	50	C	1.90	0.049	7.8	0.7	15.3	7.3	60.0	0.7	288
Eureka South	2011	11YM3003	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613521	7042210	40	B	2.10	0.049	10.4	1.0	16.8	10.1	57.0	0.9	299
Eureka South	2011	11YM3004	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613499	7042183	50	B	3.90	0.049	12.4	1.1	17.3	11.1	55.0	0.8	184
Eureka South	2011	11YM3005	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613488	7042173	20	B	1.20	0.049	8.8	1.1	10.5	12.4	50.0	2.2	186
Eureka South	2011	11YM3006	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613474	7042149	30	C	4.50	0.049	12.2	1.3	14.5	10.2	62.0	0.9	150
Eureka South	2011	11YM3007	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613457	7042130	40	C	1.60	0.049	8.6	0.9	17.3	8.2	63.0	0.8	170
Eureka South	2011	11YM3008	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613438	7042114	50	C	1.10	0.049	8.4	0.7	17.1	7.3	58.0	0.7	190
Eureka South	2011	11YM3009	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613426	7042096	50	C	0.90	0.049	11.3	1.0	17.0	9.9	54.0	0.8	160
Eureka South	2011	11YM3010	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613409	7042075	40	B	0.90	0.049	13.7	1.3	12.6	10.3	59.0	0.9	120
Eureka South	2011	11YM3011	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613393	7042055	40	B	3.50	0.049	10.0	1.2	17.0	11.7	61.0	0.7	171
Eureka South	2011	11YM3012	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613374	7042033	30	B	2.20	0.049	9.8	1.3	11.6	10.4	54.0	0.7	174
Eureka South	2011	11YM3013	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613354	7042020	50	C	2.40	0.049	11.2	1.1	20.8	11.5	59.0	0.8	213
Eureka South	2011	11YM3014	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613343	7042000	40	B	1.30	0.049	9.5	1.2	14.7	10.7	54.0	0.7	199
Eureka South	2011	11YM3015	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613327	7041979	40	B	2.60	0.049	10.5	1.0	27.8	10.9	58.0	0.8	201
Eureka South	2011	11YM3016	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613296	7041942	30	B	2.40	0.049	5.3	0.6	9.0	6.3	40.0	0.6	124
Eureka South	2011	11YM3018	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613277	7041921	30	B	0.25	0.049	8.3	0.9	9.8	7.8	42.0	0.6	145
Eureka South	2011	11YM3019	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613258	7041904	40	B	1.60	0.049	8.3	0.9	20.5	9.0	52.0	0.7	216
Eureka South	2011	11YM3020	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613244	7041880	40	B	2.50	0.049	7.4	0.8	16.5	8.2	41.0	0.8	211
Eureka South	2011	11YM3021	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613227	7041865	30	B	1.20	0.049	8.1	1.2	11.1	10.4	35.0	0.6	193
Eureka South	2011	11AN3005	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614205	7041712	0	C	4.50	0.049	9.7	1.1	21.3	12.6	59.0	0.7	193
Eureka South	2011	11AN3006	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614195	7041687	0	C	1.40	0.049	6.2	0.8	12.2	10.1	48.0	1.2	138
Eureka South	2011	11AN3007	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614185	7041662	0	C	1.30	0.049	8.6	0.9	20.3	13.4	53.0	0.6	181
Eureka South	2011	11AN3008	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614175	7041637	0	C	1.40	0.049	8.8	0.7	17.8	9.8	51.0	0.5	167
Eureka South	2011	11AN3009	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614165	7041612	0	C	1.90	0.049	8.3	1.0	24.7	11.9	60.0	0.7	309
Eureka South	2011	11AN3010	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614155	7041587	0	C	2.60	0.049	8.4	1.0	18.6	12.1	51.0	0.6	230
Eureka South	2011	11AN3011	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614145	7041562	0	C	2.70	0.049	10.9	1.0	14.5	12.3	51.0	0.5	193
Eureka South	2011	11AN3012	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614135	7041537	0	C	2.60	0.049	7.5	0.7	16.0	11.5	45.0	0.7	206
Eureka South	2011	11AN3013	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614125	7041512	0	C	0.60	0.049	8.5	1.2	9.8	10.5	45.0	0.7	178
Eureka South	2011	11AN3014	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614115	7041487	0	C	3.60	0.049	9.7	1.1	12.9	12.6	55.0	0.6	175
Eureka South	2011	11AN3015	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614099	7041498	0	C	0.90	0.049	8.1	1.0	14.5	13.1	64.0	0.6	204
Eureka South	2011	11AN3016	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614084	7041483	0	C	1.20	0.049	9.3	1.4	16.1	20.6	65.0	0.6	218
Eureka South	2011	11AN3017	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614069	7041468	0	C	1.40	0.100	10.5	1.1	16.7	15.7	65.0	1.0	201
Eureka South	2011	11AN3018	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614054	7041453	0	C	0.80	0.100	6.4	0.9	27.5	16.5	76.0	1.2	263
Eureka South	2011	11AN3019	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614039	7041438	0	C	1.60	0.049	8.7	1.0	39.2	13.9	58.0	1.3	206
Eureka South	2011	11AN3020	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614024	7041423	0	C	1.10	0.049	6.6	1.0	12.1	10.0	49.0	1.5	116
Eureka South	2011	11AN3021	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614009	7041408	0	C	0.25	0.049	10.9	1.2	10.7	11.3	48.0	1.1	151
Eureka South	2011	11AN3022	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613995	7041391	0	C	0.25	0.049	5.9	1.0	15.3	10.4	51.0	2.2	103
Eureka South	2011	11AN3024	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614561	7040432	30	C	0.60	0.049	8.9	1.4	18.5	12.2	58.0	0.9	215
Eureka South	2011	11AN3025	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614594	7040468	30	C	1.50	0.049	9.5	1.0	22.3	12.9	58.0	0.8	245
Eureka South	2011	11AN3026	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614630	7040505	50	C	3.50	0.049	9.1	1.2	19.2	11.7	60.0	0.7	219

Area	Year	Sample No.	Sampler	Type	Lab	Cert_ID	Method	E UTM83Z07	N UTM83Z07	Depth	Horizon	Au ppb	Ag ppm	As ppm	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Ba ppm
Eureka South	2011	11AN3027	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614645	7040552	30	C	0.90	0.049	6.8	1.1	11.2	12.6	64.0	0.7	171
Eureka South	2011	11AN3028	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614662	7040599	30	C	1.00	0.049	8.6	1.1	13.4	13.2	50.0	1.0	196
Eureka South	2011	11AN3029	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614680	7040646	30	C	2.30	0.049	6.9	1.1	19.6	12.0	57.0	0.9	201
Eureka South	2011	11AN3030	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614696	7040693	30	C	2.50	0.049	9.2	1.0	24.0	13.0	59.0	0.7	179
Eureka South	2011	11AN3031	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614714	7040740	30	C	1.80	0.100	12.6	1.3	26.6	14.9	57.0	1.0	257
Eureka South	2011	11AN3032	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614730	7040787	30	C	1.20	0.049	8.0	1.0	22.4	13.7	55.0	0.9	254
Eureka South	2011	11AN3033	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614748	7040834	40	C	2.00	0.049	8.3	1.0	25.4	11.9	56.0	0.8	300
Eureka South	2011	11AN3034	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614765	7040881	70	C	2.00	0.049	9.3	0.9	24.0	12.3	54.0	1.0	231
Eureka South	2011	11AN3035	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614782	7040928	60	C	1.30	0.100	11.1	1.0	23.7	11.6	53.0	0.9	204
Eureka South	2011	11AN3036	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614789	7040978	50	C	2.30	0.049	7.1	0.9	19.8	12.6	52.0	1.5	310
Eureka South	2011	11AN3037	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614796	7041027	40	C	2.60	0.049	8.0	1.1	19.6	11.8	55.0	1.1	288
Eureka South	2011	11AN3038	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614803	7041077	40	C	1.10	0.049	8.4	1.1	18.3	10.3	57.0	0.7	191
Eureka South	2011	11AN3039	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614809	7041126	40	C	3.20	0.049	8.8	1.0	18.4	12.7	51.0	0.7	182
Eureka South	2011	11AN3040	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614818	7041176	40	C	4.20	0.049	10.1	1.1	23.6	11.7	53.0	0.7	199
Eureka South	2011	11AN3041	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614825	7041225	50	C	2.40	0.049	9.3	1.3	15.7	11.9	53.0	0.8	176
Eureka South	2011	11AN3042	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614832	7041275	50	C	3.00	0.049	10.9	1.4	15.4	13.0	65.0	0.9	150
Eureka South	2011	11AN3043	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614839	7041324	50	C	3.00	0.049	10.5	1.1	19.1	10.0	51.0	0.8	158
Eureka South	2011	11AN3044	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614846	7041374	40	C	7.20	0.049	9.8	0.9	20.2	9.2	55.0	0.6	168
Eureka South	2011	11AN3045	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614854	7041423	40	C	2.70	0.049	8.8	0.9	17.7	9.4	55.0	0.6	176
Eureka South	2011	11AN3046	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614861	7041473	40	C	4.20	0.049	10.0	1.0	25.3	9.8	58.0	0.6	201
Eureka South	2011	11AN3047	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614868	7041522	50	C	2.90	0.049	7.5	1.2	20.3	11.0	61.0	0.8	236
Eureka South	2011	11AN3048	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614875	7041572	40	C	3.20	0.049	8.8	0.8	22.0	9.3	57.0	0.7	208
Eureka South	2011	11AN3049	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614882	7041621	60	C	1.70	0.049	8.4	0.9	17.2	9.6	53.0	0.6	155
Eureka South	2011	11AN3050	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614889	7041671	60	C	2.00	0.049	8.0	0.9	20.3	8.8	54.0	0.7	160
Eureka South	2011	11AN3051	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614897	7041720	50	C	2.90	0.049	9.4	0.9	19.1	9.8	53.0	0.6	187
Eureka South	2011	11AN3052	Axel Nordling	Soil	ACME	WHI11001441	1DX15	614904	7041770	40	B	0.25	0.049	9.6	1.0	16.4	10.3	60.0	0.6	150
Eureka South	2011	11CB3023	Carl Berg	Soil	ACME	WHI11001439	1DX15	615656	7041412	30	C	4.30	0.049	7.4	1.8	20.3	9.5	55.0	0.6	118
Eureka South	2011	11CB3024	Carl Berg	Soil	ACME	WHI11001439	1DX15	615610	7041436	30	C	2.40	0.049	7.6	1.2	18.8	9.7	56.0	0.6	166
Eureka South	2011	11CB3025	Carl Berg	Soil	ACME	WHI11001439	1DX15	615569	7041462	30	C	1.60	0.049	9.1	2.2	21.6	11.2	59.0	0.9	190
Eureka South	2011	11CB3026	Carl Berg	Soil	ACME	WHI11001439	1DX15	615524	7041491	30	C	1.60	0.049	8.4	2.6	18.9	10.7	52.0	0.8	121
Eureka South	2011	11CB3027	Carl Berg	Soil	ACME	WHI11001439	1DX15	615483	7041515	30	C	2.50	0.049	8.0	1.9	22.9	11.2	57.0	0.6	134
Eureka South	2011	11CB3028	Carl Berg	Soil	ACME	WHI11001439	1DX15	615442	7041539	30	C	0.60	0.049	6.9	1.6	19.3	8.7	51.0	0.7	141
Eureka South	2011	11CB3029	Carl Berg	Soil	ACME	WHI11001439	1DX15	615398	7041564	30	C	0.90	0.049	6.7	1.6	18.8	8.6	55.0	0.8	128
Eureka South	2011	11CB3030	Carl Berg	Soil	ACME	WHI11001439	1DX15	615355	7041593	30	C	2.70	0.049	6.7	1.6	16.9	11.4	54.0	0.8	136
Eureka South	2011	11CB3031	Carl Berg	Soil	ACME	WHI11001439	1DX15	615310	7041618	30	C	2.30	0.049	7.8	1.2	20.6	9.8	56.0	1.0	212
Eureka South	2011	11CB3032	Carl Berg	Soil	ACME	WHI11001439	1DX15	615269	7041641	30	C	1.40	0.049	6.2	1.3	12.7	7.9	49.0	1.0	114
Eureka South	2011	11CB3033	Carl Berg	Soil	ACME	WHI11001439	1DX15	615224	7041671	30	C	1.50	0.049	6.0	1.3	15.2	10.3	54.0	2.0	277
Eureka South	2011	11CB3034	Carl Berg	Soil	ACME	WHI11001439	1DX15	615181	7041690	30	C	0.25	0.049	5.3	0.8	13.4	7.4	43.0	0.8	109
Eureka South	2011	11CB3035	Carl Berg	Soil	ACME	WHI11001439	1DX15	615139	7041711	30	C	2.80	0.049	6.0	1.0	17.4	9.1	49.0	0.8	120
Eureka South	2011	11CB3036	Carl Berg	Soil	ACME	WHI11001439	1DX15	615091	7041734	30	B	2.00	0.100	4.5	1.2	16.7	7.6	30.0	0.6	87
Eureka South	2011	11CB3037	Carl Berg	Soil	ACME	WHI11001439	1DX15	615043	7041755	30	C	2.40	0.049	8.5	1.1	15.3	8.4	55.0	0.9	92
Eureka South	2011	11CB3038	Carl Berg	Soil	ACME	WHI11001439	1DX15	615000	7041774	30	C	2.50	0.049	9.9	1.1	14.6	10.8	55.0	0.8	115
Eureka South	2011	11CB3039	Carl Berg	Soil	ACME	WHI11001439	1DX15	614954	7041799	30	C	0.25	0.049	8.1	0.9	13.5	9.1	55.0	0.7	145
Eureka South	2011	11CB3040	Carl Berg	Soil	ACME	WHI11001439	1DX15	614896	7041869	30	C	2.70	0.049	9.5	1.0	15.7	11.2	60.0	0.8	187
Eureka South	2011	11CB3041	Carl Berg	Soil	ACME	WHI11001439	1DX15	614872	7041912	30	C	2.30	0.049	8.2	1.0	16.8	10.0	56.0	0.8	176
Eureka South	2011	11CB3042	Carl Berg	Soil	ACME	WHI11001439	1DX15	614851	7041958	30	C	0.25	0.049	8.8	0.9	16.9	10.0	59.0	0.8	175

Area	Year	Sample No.	Sampler	Type	Lab	Cert_ID	Method	E UTM83Z07	N UTM83Z07	Depth	Horizon	Au ppb	Ag ppm	As ppm	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Ba ppm
Eureka South	2011	11CB3043	Carl Berg	Soil	ACME	WHI11001439	1DX15	614836	7042005	30	C	2.10	0.049	8.3	1.2	15.9	10.4	55.0	0.7	173
Eureka South	2011	11CB3044	Carl Berg	Soil	ACME	WHI11001439	1DX15	614814	7042051	30	C	2.40	0.049	8.6	1.0	16.1	10.0	59.0	0.8	171
Eureka South	2011	11CB3045	Carl Berg	Soil	ACME	WHI11001439	1DX15	614798	7042102	30	C	1.10	0.049	5.5	0.5	9.7	10.0	42.0	0.7	132
Eureka South	2011	11CB3046	Carl Berg	Soil	ACME	WHI11001439	1DX15	614780	7042144	40	B	4.50	0.049	5.3	0.5	11.4	8.1	43.0	0.5	146
Eureka South	2011	11CB3047	Carl Berg	Soil	ACME	WHI11001439	1DX15	614762	7042190	30	C	1.50	0.049	5.8	0.6	10.6	9.1	39.0	0.4	136
Eureka South	2011	11CB3048	Carl Berg	Soil	ACME	WHI11001439	1DX15	614740	7042240	30	C	4.10	0.049	6.1	0.7	14.2	7.4	42.0	0.6	118
Eureka South	2011	11CB3049	Carl Berg	Soil	ACME	WHI11001439	1DX15	614708	7042270	30	C	3.10	0.049	5.2	0.6	17.9	9.5	62.0	0.5	179
Eureka South	2011	11CB3050	Carl Berg	Soil	ACME	WHI11001439	1DX15	614672	7042307	30	C	0.25	0.049	7.3	0.8	15.2	9.3	61.0	0.6	170
Eureka South	2011	11CB3051	Carl Berg	Soil	ACME	WHI11001439	1DX15	614635	7042338	30	C	1.20	0.049	6.1	0.5	8.5	6.2	43.0	0.8	162
Eureka South	2011	11CB3052	Carl Berg	Soil	ACME	WHI11001439	1DX15	614598	7042375	30	C	1.20	0.049	7.3	0.6	10.7	9.5	44.0	0.6	99
Eureka South	2011	11CB3053	Carl Berg	Soil	ACME	WHI11001439	1DX15	614565	7042410	30	C	1.90	0.049	5.1	0.5	8.0	7.8	54.0	0.6	187
Eureka South	2011	11CB3054	Carl Berg	Soil	ACME	WHI11001439	1DX15	614525	7042445	30	C	0.25	0.049	2.8	0.3	6.4	7.4	42.0	0.2	177
Eureka South	2011	11MS3022	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613567	7042330	50	C	1.90	0.049	18.1	2.1	18.7	14.4	57.0	3.2	457
Eureka South	2011	11MS3023	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613545	7042375	40	C	2.30	0.049	11.1	2.1	19.4	10.4	56.0	2.3	251
Eureka South	2011	11MS3024	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613524	7042420	40	C	1.30	0.049	9.1	2.0	15.9	10.1	58.0	1.7	147
Eureka South	2011	11MS3025	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613503	7042465	40	C	1.20	0.049	7.8	1.4	14.3	9.9	57.0	1.2	147
Eureka South	2011	11MS3026	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613481	7042510	50	C	2.90	0.049	7.3	1.2	13.1	8.9	53.0	0.8	184
Eureka South	2011	11MS3027	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613460	7042556	40	C	2.40	0.049	9.8	1.2	15.6	11.2	48.0	1.3	182
Eureka South	2011	11MS3028	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613438	7042601	50	C	3.30	0.049	8.7	0.9	20.7	9.5	53.0	1.7	311
Eureka South	2011	11MS3029	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613416	7042646	50	C	3.80	0.049	9.0	1.4	22.4	12.1	52.0	1.7	280
Eureka South	2011	11MS3030	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613395	7042691	20	B	2.50	0.049	9.6	1.4	17.7	10.3	55.0	1.0	175
Eureka South	2011	11MS3031	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613374	7042736	50	C	2.70	0.049	5.2	1.2	19.0	6.8	49.0	3.1	213
Eureka South	2011	11MS3032	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613352	7042781	50	C	3.00	0.049	7.7	1.3	16.2	8.6	48.0	1.0	172
Eureka South	2011	11MS3033	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613330	7042826	40	C	1.60	0.049	6.6	0.8	16.7	10.0	51.0	0.7	168
Eureka South	2011	11MS3034	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613309	7042872	40	C	1.70	0.049	6.5	0.9	18.3	19.6	64.0	0.7	194
Eureka South	2011	11MS3036	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613266	7042962	40	C	1.00	0.049	10.4	1.2	17.4	12.4	56.0	0.9	161
Eureka South	2011	11MS3037	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613245	7043007	60	C	1.60	0.049	10.0	1.5	19.5	10.3	60.0	1.7	332
Eureka South	2011	11MS3038	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613223	7043052	50	C	1.50	0.049	8.9	1.6	18.5	11.6	66.0	1.4	355
Eureka South	2011	11MS3039	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613202	7043097	40	C	0.80	0.049	8.5	1.6	19.7	10.9	59.0	2.3	470
Eureka South	2011	11MS3040	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613174	7043142	60	C	1.30	0.049	9.0	1.1	22.4	11.4	58.0	1.0	471
Eureka South	2011	11MS3041	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613159	7043188	40	C	2.30	0.049	9.7	1.1	21.5	12.4	57.0	0.9	671
Eureka South	2011	11MS3042	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613134	7043239	60	C	1.80	0.049	10.4	1.3	17.8	12.0	50.0	1.0	355
Eureka South	2011	11MS3043	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613116	7043278	50	C	0.80	0.049	22.0	2.3	36.2	10.0	52.0	3.1	359
Eureka South	2011	11MS3044	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613097	7043324	60	C	1.90	0.049	15.6	0.8	27.3	10.7	55.0	1.4	391
Eureka South	2011	11MS3045	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613078	7043371	60	C	1.50	0.049	8.2	0.5	14.8	5.3	36.0	1.4	320
Eureka South	2011	11MS3046	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613060	7043417	70	C	0.25	0.049	6.4	0.3	26.4	3.8	56.0	1.5	478
Eureka South	2011	11MS3047	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613041	7043464	50	C	0.25	0.049	2.6	0.7	9.4	3.7	41.0	2.6	228
Eureka South	2011	11MS3048	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613022	7043510	70	C	1.80	0.049	0.7	1.4	104.7	3.9	105.0	0.2	1845
Eureka South	2011	11MS3049	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613003	7043556	40	C	0.25	0.049	3.7	0.5	32.8	5.7	65.0	0.7	477
Eureka South	2011	11MS3050	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612984	7043603	60	C	2.70	0.049	7.4	0.9	19.1	11.4	45.0	1.0	282
Eureka South	2011	11MS3051	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612966	7043649	50	C	0.25	0.049	6.5	0.6	14.0	7.9	43.0	1.2	243
Eureka South	2011	11MS3052	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612947	7043695	60	C	4.10	0.049	3.5	2.2	20.0	5.1	27.0	9.7	199
Eureka South	2011	11YM3017	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613286	7041930	30	B	0.70	0.049	6.9	0.9	10.1	7.7	40.0	0.6	147
Eureka South	2011	11YM3022	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613594	7042288	50	B	1.30	0.049	7.5	0.8	12.6	9.1	56.0	0.5	226
Eureka South	2011	11YM3023	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613636	7042259	60	C	1.40	0.049	7.5	0.8	16.8	8.2	56.0	0.6	248
Eureka South	2011	11YM3024	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613676	7042231	40	B	2.30	0.049	11.5	1.0	16.4	9.1	54.0	1.3	192

Area	Year	Sample No.	Sampler	Type	Lab	Cert_ID	Method	E UTM83Z07	N UTM83Z07	Depth	Horizon	Au ppb	Ag ppm	As ppm	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Ba ppm
Eureka South	2011	11YM3025	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613715	7042206	40	B	2.50	0.049	8.4	0.9	22.0	11.3	64.0	0.8	175
Eureka South	2011	11YM3026	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613759	7042180	30	B	0.70	0.049	3.4	0.7	4.2	4.9	36.0	0.3	102
Eureka South	2011	11YM3027	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613800	7042146	40	B	1.30	0.049	2.7	1.0	11.9	13.4	115.0	7.4	831
Eureka South	2011	11YM3028	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613845	7042121	30	C	2.10	0.049	11.1	1.2	10.5	11.7	45.0	0.8	131
Eureka South	2011	11YM3029	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613882	7042099	40	C	0.25	0.049	2.8	0.6	4.9	6.2	41.0	0.2	136
Eureka South	2011	11YM3030	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613928	7042072	40	C	0.70	0.049	8.0	0.8	9.6	9.2	42.0	0.4	129
Eureka South	2011	11YM3031	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613968	7042043	30	C	1.00	0.049	6.3	0.7	7.0	6.1	39.0	0.5	104
Eureka South	2011	11YM3032	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614013	7042013	60	C	2.20	0.049	9.7	0.9	20.0	9.4	47.0	0.6	231
Eureka South	2011	11YM3033	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614054	7041986	50	C	1.40	0.049	8.7	0.8	15.9	10.1	57.0	0.5	131
Eureka South	2011	11YM3034	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614095	7041959	50	C	2.00	0.049	5.9	0.8	10.1	8.7	35.0	0.3	135
Eureka South	2011	11YM3035	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614134	7041928	50	C	1.90	0.049	7.4	0.7	17.1	8.6	46.0	1.0	205
Eureka South	2011	11YM3036	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614182	7041905	50	B	4.30	0.049	9.0	1.2	17.4	11.1	59.0	0.8	177
Eureka South	2011	11YM3037	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614219	7041880	40	C	1.60	0.049	6.4	1.2	14.8	8.9	69.0	1.3	219
Eureka South	2011	11YM3038	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614265	7041854	50	C	4.60	0.049	5.4	0.9	12.4	8.6	55.0	0.9	130
Eureka South	2011	11YM3039	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614309	7041850	50	C	3.70	0.049	6.9	0.9	14.4	12.8	55.0	0.7	147
Eureka South	2011	11YM3040	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614366	7041847	50	C	4.40	0.049	9.5	1.2	21.9	13.4	64.0	0.9	185
Eureka South	2011	11YM3041	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614416	7041843	40	C	0.90	0.049	8.6	1.1	13.1	9.7	52.0	0.9	135
Eureka South	2011	11YM3042	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614469	7041841	60	C	2.00	0.049	6.9	0.8	7.8	9.7	39.0	2.0	174
Eureka South	2011	11YM3044	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614564	7041840	60	C	2.90	0.049	8.7	0.8	21.0	7.6	49.0	1.1	189
Eureka South	2011	11YM3045	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614612	7041836	50	C	1.70	0.049	4.7	0.8	17.2	9.3	55.0	0.6	265
Eureka South	2011	11YM3046	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614663	7041837	60	C	1.80	0.049	5.8	0.5	14.7	9.7	39.0	1.3	456
Eureka South	2011	11YM3047	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614712	7041828	50	C	4.50	0.049	3.6	0.6	11.9	14.0	73.0	0.9	396
Eureka South	2011	11YM3048	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614757	7041827	50	C	4.00	0.049	7.9	0.8	20.7	9.4	53.0	1.0	302
Eureka South	2011	11YM3049	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614810	7041825	50	C	4.50	0.049	8.1	1.1	12.6	11.7	53.0	0.9	167
Eureka South	2011	11YM3050	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614862	7041823	60	C	2.40	0.049	8.4	0.8	25.8	9.3	56.0	1.0	330
Eureka South	2011	11YM3051	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614911	7041819	60	C	3.40	0.100	7.6	0.7	24.1	8.1	51.0	0.8	388
Eureka South	2011	11AN3053	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610997	7043166	50	C	0.70	0.049	5.1	0.5	18.6	7.6	57.0	0.2	294
Eureka South	2011	11AN3054	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611016	7043183	40	C	0.25	0.049	9.0	0.6	15.6	8.8	59.0	0.4	180
Eureka South	2011	11AN3055	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611034	7043200	40	C	1.60	0.049	6.5	0.6	20.6	11.6	55.0	0.4	179
Eureka South	2011	11AN3056	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611053	7043217	40	C	5.00	0.049	8.5	0.6	23.9	9.6	46.0	0.6	213
Eureka South	2011	11AN3057	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611071	7043233	60	C	3.50	0.100	9.5	0.8	26.8	10.8	49.0	0.5	241
Eureka South	2011	11AN3058	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611090	7043250	50	B	0.80	0.049	9.3	0.7	22.4	12.9	49.0	0.5	218
Eureka South	2011	11AN3059	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611108	7043267	50	B	1.40	0.049	8.3	1.0	14.3	15.5	82.0	0.4	159
Eureka South	2011	11AN3060	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611127	7043284	50	C	1.50	0.049	4.7	0.7	9.7	12.9	106.0	0.3	199
Eureka South	2011	11AN3062	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611146	7043301	70	C	2.60	0.049	9.3	0.7	17.4	12.3	71.0	0.6	169
Eureka South	2011	11AN3063	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611161	7043312	50	C	5.00	0.049	7.1	1.0	12.4	14.9	84.0	0.6	175
Eureka South	2011	11AN3064	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611188	7043327	50	C	1.80	0.049	4.3	1.8	12.2	19.1	104.0	0.7	118
Eureka South	2011	11AN3065	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611209	7043340	60	C	2.20	0.100	10.7	1.3	15.8	12.8	63.0	0.5	187
Eureka South	2011	11AN3066	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611230	7043354	40	C	2.40	0.049	10.3	1.5	14.7	14.8	56.0	0.5	152
Eureka South	2011	11AN3067	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611254	7043361	50	C	2.70	0.049	10.7	0.9	24.5	11.1	59.0	0.6	166
Eureka South	2011	11AN3068	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611278	7043368	50	C	1.90	0.100	12.2	0.9	22.0	11.8	59.0	0.6	159
Eureka South	2011	11AN3069	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611300	7043324	40	C	0.60	0.049	8.5	0.9	13.7	16.8	79.0	0.6	180
Eureka South	2011	11AN3070	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611323	7043279	40	C	0.70	0.049	5.6	1.0	9.6	16.7	98.0	0.4	139
Eureka South	2011	11AN3071	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611345	7043234	50	C	1.00	0.200	9.1	1.1	20.1	11.7	55.0	0.6	204
Eureka South	2011	11AN3072	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611368	7043190	40	C	1.70	0.049	5.6	0.9	12.3	15.6	76.0	0.4	122
Eureka South	2011	11AN3073	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611391	7043145	40	C	1.20	0.049	9.4	1.6	12.5	13.1	46.0	0.6	179

Area	Year	Sample No.	Sampler	Type	Lab	Cert_ID	Method	E UTM83Z07	N UTM83Z07	Depth	Horizon	Au ppb	Ag ppm	As ppm	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Ba ppm
Eureka South	2011	11AN3074	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611413	7043100	40	C	0.25	0.049	7.0	1.2	17.7	18.2	90.0	0.3	248
Eureka South	2011	11AN3075	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611435	7043056	50	C	1.40	0.049	6.1	1.0	13.0	12.4	97.0	0.3	264
Eureka South	2011	11AN3076	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611458	7043011	60	C	4.40	0.049	5.8	0.8	17.1	13.7	70.0	0.4	335
Eureka South	2011	11AN3077	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611481	7042966	50	C	2.30	0.049	5.5	0.7	24.9	9.6	75.0	0.3	584
Eureka South	2011	11AN3078	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611503	7042922	50	C	1.30	0.049	4.1	0.5	11.6	8.4	91.0	0.2	291
Eureka South	2011	11AN3079	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611525	7042877	50	C	0.80	0.049	5.7	0.6	19.6	10.2	67.0	0.2	214
Eureka South	2011	11AN3080	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611548	7042832	40	C	0.25	0.049	5.2	0.6	9.5	12.6	108.0	0.4	214
Eureka South	2011	11AN3082	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611571	7042788	50	C	1.70	0.049	5.5	0.6	12.1	14.7	84.0	0.3	280
Eureka South	2011	11AN3083	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611593	7042743	60	C	2.70	0.049	3.6	0.5	19.7	13.7	75.0	0.3	228
Eureka South	2011	11AN3084	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611615	7042698	50	C	2.80	0.049	5.0	0.6	16.9	11.3	66.0	0.3	280
Eureka South	2011	11CB3055	Carl Berg	Soil	ACME	WHI11001439	1DX15	612929	7043737	30	C	2.70	0.049	10.3	0.8	15.1	9.4	42.0	1.0	141
Eureka South	2011	11CB3056	Carl Berg	Soil	ACME	WHI11001439	1DX15	612908	7043790	30	C	0.25	0.049	8.4	1.1	13.1	9.1	48.0	0.7	205
Eureka South	2011	11CB3057	Carl Berg	Soil	ACME	WHI11001439	1DX15	612889	7043835	30	C	4.80	0.049	6.6	1.7	82.9	19.0	146.0	4.9	218
Eureka South	2011	11CB3058	Carl Berg	Soil	ACME	WHI11001439	1DX15	612873	7043815	30	C	1.20	0.049	2.4	0.7	80.8	6.7	69.0	1.0	433
Eureka South	2011	11CB3059	Carl Berg	Soil	ACME	WHI11001439	1DX15	612850	7043803	30	C	3.80	0.049	4.5	0.4	134.9	24.0	61.0	0.9	426
Eureka South	2011	11CB3060	Carl Berg	Soil	ACME	WHI11001439	1DX15	612834	7043782	30	C	0.25	0.049	3.3	0.7	71.8	4.4	53.0	14.3	193
Eureka South	2011	11CB3062	Carl Berg	Soil	ACME	WHI11001439	1DX15	612816	7043768	30	C	0.80	0.049	8.6	1.0	23.0	8.5	46.0	0.6	234
Eureka South	2011	11CB3063	Carl Berg	Soil	ACME	WHI11001439	1DX15	612795	7043749	30	C	0.25	0.100	8.8	1.0	56.6	7.4	50.0	2.0	189
Eureka South	2011	11CB3064	Carl Berg	Soil	ACME	WHI11001439	1DX15	612777	7043733	30	C	0.80	0.200	6.6	0.9	46.1	7.4	49.0	1.9	275
Eureka South	2011	11CB3065	Carl Berg	Soil	ACME	WHI11001439	1DX15	612760	7043713	30	C	2.00	0.049	4.0	0.9	59.4	9.9	64.0	0.4	665
Eureka South	2011	11CB3066	Carl Berg	Soil	ACME	WHI11001439	1DX15	612740	7043700	30	C	1.00	0.049	6.7	0.7	20.1	8.8	67.0	0.5	269
Eureka South	2011	11CB3067	Carl Berg	Soil	ACME	WHI11001439	1DX15	612719	7043689	40	C	2.80	0.049	9.4	0.7	27.7	9.4	52.0	0.6	207
Eureka South	2011	11CB3068	Carl Berg	Soil	ACME	WHI11001439	1DX15	612706	7043668	40	C	3.40	0.049	6.8	0.7	39.3	9.3	51.0	0.5	238
Eureka South	2011	11CB3069	Carl Berg	Soil	ACME	WHI11001439	1DX15	612683	7043650	30	C	0.25	0.049	4.0	0.4	35.0	5.3	81.0	0.4	252
Eureka South	2011	11CB3070	Carl Berg	Soil	ACME	WHI11001439	1DX15	612664	7043631	30	C	0.25	0.049	4.8	0.5	29.0	5.4	65.0	0.8	240
Eureka South	2011	11CB3071	Carl Berg	Soil	ACME	WHI11001439	1DX15	612645	7043613	30	C	0.90	0.049	9.9	0.9	21.0	8.8	53.0	0.7	167
Eureka South	2011	11CB3072	Carl Berg	Soil	ACME	WHI11001439	1DX15	612629	7043597	30	C	0.60	0.049	6.7	0.7	37.0	6.9	67.0	0.9	291
Eureka South	2011	11CB3073	Carl Berg	Soil	ACME	WHI11001439	1DX15	612611	7043583	40	C	0.90	0.300	7.2	0.9	27.9	9.0	63.0	0.7	221
Eureka South	2011	11CB3074	Carl Berg	Soil	ACME	WHI11001439	1DX15	612590	7043565	30	C	3.30	0.049	5.1	0.6	71.5	6.7	52.0	0.4	232
Eureka South	2011	11CB3075	Carl Berg	Soil	ACME	WHI11001439	1DX15	612571	7043549	40	C	1.40	0.049	7.2	0.9	64.9	7.3	51.0	0.5	201
Eureka South	2011	11CB3076	Carl Berg	Soil	ACME	WHI11001439	1DX15	612553	7043533	30	C	0.25	0.049	5.7	0.5	44.2	6.1	63.0	0.3	319
Eureka South	2011	11CB3077	Carl Berg	Soil	ACME	WHI11001439	1DX15	612538	7043514	30	C	0.25	0.049	3.4	0.8	37.3	6.3	90.0	0.3	975
Eureka South	2011	11CB3078	Carl Berg	Soil	ACME	WHI11001439	1DX15	612515	7043503	30	C	0.60	0.049	8.8	0.8	29.1	7.8	75.0	0.6	534
Eureka South	2011	11CB3079	Carl Berg	Soil	ACME	WHI11001439	1DX15	612495	7043481	30	C	1.00	0.200	8.4	0.9	50.8	13.0	65.0	1.0	379
Eureka South	2011	11CB3080	Carl Berg	Soil	ACME	WHI11001439	1DX15	612480	7043466	30	C	2.10	0.200	5.1	0.6	56.7	11.7	57.0	0.6	347
Eureka South	2011	11CB3082	Carl Berg	Soil	ACME	WHI11001439	1DX15	612460	7043449	30	C	0.25	0.200	5.0	0.6	45.6	13.9	80.0	0.4	901
Eureka South	2011	11CB3083	Carl Berg	Soil	ACME	WHI11001439	1DX15	612440	7043424	30	C	2.40	0.100	8.9	0.8	33.5	10.9	59.0	0.7	456
Eureka South	2011	11CB3084	Carl Berg	Soil	ACME	WHI11001439	1DX15	612420	7043418	30	C	2.10	0.049	7.6	0.6	27.7	9.2	50.0	0.5	273
Eureka South	2011	11CB3085	Carl Berg	Soil	ACME	WHI11001439	1DX15	612397	7043416	30	C	1.20	0.100	9.3	1.0	31.1	9.6	55.0	0.5	287
Eureka South	2011	11CB3086	Carl Berg	Soil	ACME	WHI11001439	1DX15	612378	7043407	30	C	2.60	0.049	4.6	0.5	34.9	6.9	60.0	0.3	457
Eureka South	2011	11CB3087	Carl Berg	Soil	ACME	WHI11001439	1DX15	612353	7043412	40	C	2.10	0.300	7.4	0.8	36.4	9.8	51.0	0.4	365
Eureka South	2011	11MS3053	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	611602	7043386	60	C	1.40	0.049	2.6	0.6	37.8	8.1	71.0	1.1	360
Eureka South	2011	11MS3054	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	611627	7043387	50	C	0.25	0.049	3.0	0.4	26.9	4.6	102.0	0.4	423
Eureka South	2011	11MS3055	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	611652	7043388	70	C	1.00	0.049	1.8	0.4	10.0	3.8	69.0	0.6	861
Eureka South	2011	11MS3056	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	611677	7043389	60	C	0.25	0.049	2.0	0.3	13.6	5.1	81.0	0.4	303
Eureka South	2011	11MS3057	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	611701	7043390	60	C	0.25	0.049	3.4	0.5	18.5	6.4	75.0	1.0	303

Area	Year	Sample No.	Sampler	Type	Lab	Cert_ID	Method	E UTM83Z07	N UTM83Z07	Depth	Horizon	Au ppb	Ag ppm	As ppm	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Ba ppm
Eureka South	2011	11MS3058	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	611727	7043391	40	C	0.25	0.049	6.2	0.8	19.4	8.2	70.0	1.0	246
Eureka South	2011	11MS3059	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	611752	7043392	60	C	0.70	0.049	4.3	0.6	25.1	6.8	94.0	0.8	379
Eureka South	2011	11MS3060	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	611777	7043393	50	C	0.25	0.049	2.2	0.4	33.3	5.2	62.0	0.7	328
Eureka South	2011	11MS3061	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	611777	7043393	50	C	0.25	0.049	2.1	0.4	36.9	5.3	63.0	0.6	346
Eureka South	2011	11MS3062	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	611802	7043393	60	C	0.25	0.049	4.2	0.6	31.8	7.1	90.0	0.6	392
Eureka South	2011	11MS3063	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	611827	7043394	50	C	0.25	0.049	5.4	0.7	25.0	8.5	62.0	0.5	509
Eureka South	2011	11MS3064	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	611854	7043399	50	C	0.25	0.049	1.9	0.3	21.4	10.1	95.0	0.5	640
Eureka South	2011	11MS3065	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	611877	7043396	40	C	1.10	0.049	5.3	0.6	59.8	11.6	112.0	0.9	295
Eureka South	2011	11MS3066	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	611902	7043397	50	C	2.30	0.400	4.2	0.8	82.6	6.2	56.0	0.5	246
Eureka South	2011	11MS3067	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	611926	7043398	40	C	3.60	0.200	5.1	1.0	65.9	7.0	68.0	0.7	371
Eureka South	2011	11MS3068	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	611952	7043399	60	C	1.30	0.049	3.8	1.1	36.7	4.8	63.0	0.8	188
Eureka South	2011	11MS3069	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	611977	7043400	60	C	0.90	0.049	7.0	1.3	37.6	4.4	51.0	0.6	182
Eureka South	2011	11MS3070	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612002	7043401	60	C	1.00	0.049	1.9	0.7	41.4	3.6	66.0	0.3	235
Eureka South	2011	11MS3071	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612026	7043401	40	C	1.00	0.049	7.6	1.1	13.9	11.8	53.0	0.6	119
Eureka South	2011	11MS3072	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612051	7043402	60	C	2.90	0.049	4.7	0.6	14.8	9.3	91.0	0.3	281
Eureka South	2011	11MS3073	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612077	7043403	50	C	1.70	0.049	11.0	0.7	18.2	9.3	67.0	0.4	185
Eureka South	2011	11MS3074	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612102	7043404	60	C	1.90	0.049	11.0	0.9	22.5	11.7	65.0	0.6	238
Eureka South	2011	11MS3075	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612126	7043405	50	C	1.70	0.049	5.5	0.8	14.1	12.2	60.0	0.3	221
Eureka South	2011	11MS3076	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612147	7043407	50	C	1.90	0.049	8.5	0.8	18.5	10.8	75.0	0.5	258
Eureka South	2011	11MS3077	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612177	7043407	30	B	1.80	0.049	5.5	0.5	22.4	10.0	63.0	0.3	339
Eureka South	2011	11MS3078	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612202	7043408	50	C	10.80	0.049	9.9	0.7	28.0	10.2	63.0	0.6	349
Eureka South	2011	11MS3079	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612221	7043408	40	C	1.50	0.049	9.4	0.7	21.9	9.3	64.0	0.4	362
Eureka South	2011	11MS3080	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612248	7043411	40	C	2.90	0.100	11.1	0.9	20.4	10.1	61.0	0.6	207
Eureka South	2011	11MS3081	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612248	7043411	40	C	3.40	0.100	11.0	1.2	16.0	11.9	52.0	0.6	199
Eureka South	2011	11MS3082	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612276	7043410	50	C	39.60	0.049	5.3	0.5	17.4	12.7	88.0	0.3	311
Eureka South	2011	11MS3083	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612302	7043411	40	C	1.30	0.049	5.7	0.5	32.2	8.5	79.0	0.3	697
Eureka South	2011	11MS3084	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612324	7043409	40	C	2.30	0.049	11.4	0.7	27.1	9.8	54.0	0.5	316
Eureka South	2011	11YM3043	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614514	7041839	60	C	3.10	0.049	8.1	1.1	14.4	10.6	47.0	0.6	115
Eureka South	2011	11YM3052	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611045	7044116	30	B	4.70	0.100	6.3	0.7	25.1	7.7	85.0	0.7	302
Eureka South	2011	11YM3053	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611064	7044075	40	B	4.40	0.049	7.2	0.9	29.7	8.3	79.0	0.6	339
Eureka South	2011	11YM3054	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611083	7044032	40	C	2.90	0.049	5.2	0.5	21.7	7.7	77.0	0.8	307
Eureka South	2011	11YM3055	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611111	7043981	40	C	4.70	0.049	7.5	0.7	21.4	9.7	69.0	1.0	297
Eureka South	2011	11YM3056	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611131	7043945	40	B	2.70	0.049	7.2	0.7	21.2	8.0	65.0	0.6	325
Eureka South	2011	11YM3057	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611156	7043895	30	B	2.30	0.049	5.4	0.7	16.8	8.0	71.0	0.5	263
Eureka South	2011	11YM3058	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611175	7043855	50	C	2.80	0.049	1.9	0.2	12.5	3.8	92.0	0.2	317
Eureka South	2011	11YM3059	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611197	7043804	50	C	5.30	0.049	9.2	1.0	26.4	10.0	63.0	0.6	553
Eureka South	2011	11YM3060	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611214	7043754	40	C	3.90	0.049	5.3	0.6	11.7	5.5	78.0	1.2	265
Eureka South	2011	11YM3061	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611242	7043717	50	C	3.60	0.049	3.3	0.2	30.6	4.5	91.0	4.1	610
Eureka South	2011	11YM3062	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611249	7043665	60	C	3.90	0.049	5.3	0.8	25.1	9.2	136.0	3.1	688
Eureka South	2011	11YM3063	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611253	7043619	50	C	3.30	0.049	9.5	0.9	41.9	10.6	49.0	0.5	184
Eureka South	2011	11YM3064	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611262	7043567	50	C	0.25	0.049	4.0	0.5	11.7	4.5	29.0	0.3	90
Eureka South	2011	11YM3065	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611262	7043515	80	C	0.25	0.049	1.1	0.3	31.5	3.3	36.0	0.6	269
Eureka South	2011	11YM3066	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611266	7043466	30	B	0.25	0.049	10.4	1.5	19.5	15.5	64.0	0.7	201
Eureka South	2011	11YM3067	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611268	7043419	60	C	2.20	0.049	12.1	0.8	28.1	9.9	56.0	0.7	191
Eureka South	2011	11YM3068	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611302	7043376	50	C	3.70	0.049	6.9	0.7	16.0	23.6	78.0	1.5	152
Eureka South	2011	11YM3069	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611325	7043379	50	C	4.10	0.049	8.0	0.9	15.4	19.3	77.0	1.5	180

Area	Year	Sample No.	Sampler	Type	Lab	Cert_ID	Method	E UTM83Z07	N UTM83Z07	Depth	Horizon	Au ppb	Ag ppm	As ppm	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Ba ppm
Eureka South	2011	11YM3070	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611351	7043378	50	C	1.40	0.049	6.7	1.4	10.5	12.8	61.0	0.8	136
Eureka South	2011	11YM3071	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611379	7043375	50	C	0.80	0.049	6.4	1.4	12.4	15.2	65.0	0.7	139
Eureka South	2011	11YM3072	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611402	7043379	40	B	4.00	0.100	11.5	1.8	34.5	14.6	70.0	0.9	244
Eureka South	2011	11YM3073	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611432	7043377	50	C	1.70	0.049	8.5	1.5	18.0	14.4	64.0	0.9	168
Eureka South	2011	11YM3074	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611458	7043383	40	C	1.60	0.049	9.5	1.3	22.9	15.1	71.0	1.0	260
Eureka South	2011	11YM3075	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611478	7043383	40	C	0.90	0.049	6.6	1.5	11.1	13.0	51.0	1.1	101
Eureka South	2011	11YM3076	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611503	7043385	40	C	0.25	0.049	2.7	0.4	8.8	4.1	62.0	0.9	404
Eureka South	2011	11YM3077	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611527	7043383	50	C	0.25	0.049	3.3	0.5	82.7	3.8	41.0	0.7	112
Eureka South	2011	11YM3078	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611552	7043389	40	C	0.70	0.049	5.0	0.8	99.3	5.2	39.0	1.2	87
Eureka South	2011	11YM3079	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	611574	7043385	40	C	4.40	0.049	8.8	0.8	87.6	8.1	48.0	1.0	137
Eureka North	2011	11AN3085	Axel Nordling	Soil	ACME	WHI11001441	1DX15	608282	7050321	50	C	2.30	0.049	10.5	1.1	23.1	12.2	64.0	0.6	197
Eureka North	2011	11AN3086	Axel Nordling	Soil	ACME	WHI11001441	1DX15	608232	7050318	50	C	1.00	0.049	10.2	1.3	21.1	19.0	80.0	0.4	193
Eureka North	2011	11AN3087	Axel Nordling	Soil	ACME	WHI11001441	1DX15	608181	7050315	50	C	3.80	0.049	7.6	1.0	25.0	11.4	80.0	0.5	216
Eureka North	2011	11AN3088	Axel Nordling	Soil	ACME	WHI11001441	1DX15	608132	7050312	50	C	2.00	0.049	10.8	1.3	18.3	15.0	74.0	0.5	158
Eureka North	2011	11AN3089	Axel Nordling	Soil	ACME	WHI11001441	1DX15	608082	7050309	40	C	8.30	0.049	8.9	0.9	27.6	11.3	66.0	0.4	278
Eureka North	2011	11AN3090	Axel Nordling	Soil	ACME	WHI11001441	1DX15	608032	7050306	50	C	1.40	0.049	8.7	0.9	21.4	12.2	79.0	0.4	199
Eureka North	2011	11AN3091	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607982	7050303	50	C	2.70	0.049	10.3	1.3	24.2	15.8	99.0	0.8	135
Eureka North	2011	11AN3092	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607932	7050299	70	C	5.60	0.049	12.3	1.1	20.1	16.1	62.0	0.6	182
Eureka North	2011	11AN3093	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607882	7050296	90	C	1.30	0.049	13.0	1.0	35.6	21.9	114.0	1.0	491
Eureka North	2011	11AN3094	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607832	7050298	40	C	4.30	0.049	15.0	1.1	17.3	14.2	52.0	0.6	197
Eureka North	2011	11AN3095	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607782	7050299	70	C	1.70	0.049	9.4	1.4	20.9	13.7	59.0	0.4	127
Eureka North	2011	11AN3096	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607732	7050301	50	C	1.30	0.049	11.2	0.9	35.7	17.2	128.0	0.4	338
Eureka North	2011	11AN3097	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607682	7050302	50	C	3.40	0.049	60.7	1.8	29.1	13.4	108.0	0.5	224
Eureka North	2011	11AN3098	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607632	7050304	50	C	4.50	0.049	18.2	2.1	12.5	20.3	65.0	0.5	74
Eureka North	2011	11AN3099	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607582	7050305	60	C	4.90	0.049	14.2	1.5	28.5	22.1	74.0	0.6	233
Eureka North	2011	11AN3100	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607532	7050307	50	C	0.60	0.049	12.1	1.7	15.2	18.8	69.0	0.6	153
Eureka North	2011	11AN3102	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607483	7050316	50	C	8.60	0.049	6.6	0.9	15.3	13.1	75.0	0.3	130
Eureka North	2011	11AN3103	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607430	7050320	60	C	0.25	0.049	8.0	1.2	12.6	14.5	65.0	0.4	129
Eureka North	2011	11AN3104	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607385	7050333	50	C	1.00	0.049	5.5	0.8	12.2	12.3	63.0	0.4	121
Eureka North	2011	11AN3105	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607336	7050342	50	C	3.80	0.049	12.9	0.8	23.8	10.3	60.0	0.8	199
Eureka North	2011	11AN3106	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607286	7050351	50	C	3.50	0.049	11.3	1.2	18.1	14.2	66.0	0.7	175
Eureka North	2011	11AN3107	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607237	7050360	60	C	13.30	0.200	26.4	1.3	22.7	12.4	64.0	1.9	220
Eureka North	2011	11AN3108	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607188	7050369	50	C	4.00	0.200	30.8	1.4	21.7	14.1	61.0	2.2	191
Eureka North	2011	11AN3109	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607138	7050377	50	C	2.10	0.100	65.3	2.2	38.0	16.3	86.0	2.0	223
Eureka North	2011	11AN3110	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607089	7050386	60	C	3.40	0.200	48.8	1.6	45.3	16.9	95.0	1.5	117
Eureka North	2011	11AN3111	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607040	7050395	50	C	1.70	0.200	29.3	1.8	33.7	19.5	63.0	1.2	213
Eureka North	2011	11AN3112	Axel Nordling	Soil	ACME	WHI11001441	1DX15	606991	7050404	60	C	2.40	0.300	25.9	1.1	41.6	37.3	70.0	0.8	191
Eureka North	2011	11AN3113	Axel Nordling	Soil	ACME	WHI11001441	1DX15	606936	7050412	50	C	3.40	0.300	28.6	1.5	40.2	24.7	83.0	1.2	193
Eureka North	2011	11AN3114	Axel Nordling	Soil	ACME	WHI11001441	1DX15	606892	7050422	50	C	2.00	0.049	21.0	1.3	28.5	15.4	81.0	1.2	147
Eureka North	2011	11AN3115	Axel Nordling	Soil	ACME	WHI11001441	1DX15	606838	7050429	50	C	2.10	0.200	18.5	1.3	25.0	15.3	83.0	1.1	172
Eureka North	2011	11CB3088	Carl Berg	Soil	ACME	WHI11001439	1DX15	609693	7050332	30	C	2.20	0.700	12.8	2.6	41.2	13.7	117.0	0.8	324
Eureka North	2011	11CB3089	Carl Berg	Soil	ACME	WHI11001439	1DX15	609732	7050374	30	C	2.20	0.400	19.1	2.4	67.5	11.9	168.0	1.2	340
Eureka North	2011	11CB3090	Carl Berg	Soil	ACME	WHI11001439	1DX15	609765	7050406	30	C	1.60	0.400	11.6	2.1	26.8	13.5	83.0	0.6	174
Eureka North	2011	11CB3091	Carl Berg	Soil	ACME	WHI11001439	1DX15	609815	7050419	30	C	2.40	0.100	14.6	1.7	49.1	11.8	91.0	1.0	356
Eureka North	2011	11CB3092	Carl Berg	Soil	ACME	WHI11001439	1DX15	609867	7050433	30	C	1.30	0.800	17.5	1.6	16.7	12.6	74.0	0.9	233
Eureka North	2011	11CB3093	Carl Berg	Soil	ACME	WHI11001439	1DX15	609914	7050447	30	C	1.60	0.300	18.7	1.6	22.6	12.5	62.0	1.5	243

Area	Year	Sample No.	Sampler	Type	Lab	Cert_ID	Method	E UTM83Z07	N UTM83Z07	Depth	Horizon	Au ppb	Ag ppm	As ppm	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Ba ppm
Eureka North	2011	11CB3094	Carl Berg	Soil	ACME	WHI11001439	1DX15	609961	7050465	30	C	4.40	0.100	11.9	1.4	29.2	11.7	56.0	1.0	269
Eureka North	2011	11CB3095	Carl Berg	Soil	ACME	WHI11001439	1DX15	610005	7050466	30	C	1.80	0.100	32.8	1.9	36.8	14.8	65.0	3.8	280
Eureka North	2011	11CB3096	Carl Berg	Soil	ACME	WHI11001439	1DX15	610054	7050488	30	C	3.50	0.200	25.3	2.6	67.0	12.2	155.0	2.8	276
Eureka North	2011	11CB3097	Carl Berg	Soil	ACME	WHI11001439	1DX15	610106	7050496	30	C	0.60	0.200	41.0	4.7	63.0	8.6	263.0	12.6	285
Eureka North	2011	11CB3098	Carl Berg	Soil	ACME	WHI11001439	1DX15	610152	7050516	30	C	1.80	0.400	10.5	2.8	66.1	4.4	199.0	1.6	475
Eureka North	2011	11CB3099	Carl Berg	Soil	ACME	WHI11001439	1DX15	610200	7050522	30	C	2.10	0.049	26.3	1.7	45.4	3.6	144.0	2.4	254
Eureka North	2011	11CB3100	Carl Berg	Soil	ACME	WHI11001439	1DX15	610248	7050535	30	C	2.60	0.049	25.6	1.8	41.2	4.1	123.0	2.3	235
Eureka North	2011	11CB3102	Carl Berg	Soil	ACME	WHI11001439	1DX15	610283	7050571	30	C	2.40	0.600	30.4	2.1	61.5	6.6	219.0	3.5	413
Eureka North	2011	11CB3103	Carl Berg	Soil	ACME	WHI11001439	1DX15	610317	7050608	30	C	3.10	0.400	33.3	2.3	56.7	6.7	193.0	3.3	456
Eureka North	2011	11CB3104	Carl Berg	Soil	ACME	WHI11001439	1DX15	610352	7050644	30	C	2.30	0.400	38.0	2.5	63.0	7.4	220.0	3.6	428
Eureka North	2011	11CB3105	Carl Berg	Soil	ACME	WHI11001439	1DX15	610385	7050685	30	C	2.60	0.300	84.9	2.9	50.1	7.7	168.0	6.1	411
Eureka North	2011	11CB3106	Carl Berg	Soil	ACME	WHI11001439	1DX15	610423	7050717	30	C	4.00	0.200	23.8	1.2	38.5	8.2	87.0	1.9	401
Eureka North	2011	11CB3107	Carl Berg	Soil	ACME	WHI11001439	1DX15	610457	7050753	30	C	4.70	0.300	25.5	1.4	37.6	8.7	92.0	1.9	378
Eureka North	2011	11CB3108	Carl Berg	Soil	ACME	WHI11001439	1DX15	610490	7050789	30	C	4.20	0.300	43.0	2.3	58.6	8.6	228.0	3.6	439
Eureka North	2011	11CB3109	Carl Berg	Soil	ACME	WHI11001439	1DX15	610524	7050834	30	C	3.50	0.700	64.7	3.6	77.1	8.5	416.0	5.6	647
Eureka North	2011	11CB3110	Carl Berg	Soil	ACME	WHI11001439	1DX15	610562	7050864	30	C	4.20	0.300	56.6	3.4	60.6	8.6	246.0	4.4	471
Eureka North	2011	11CB3111	Carl Berg	Soil	ACME	WHI11001439	1DX15	610594	7050895	30	C	5.10	0.300	40.4	2.2	46.7	8.0	152.0	3.1	407
Eureka North	2011	11CB3112	Carl Berg	Soil	ACME	WHI11001439	1DX15	610630	7050930	30	C	3.50	0.300	87.4	2.9	51.8	8.3	181.0	6.3	389
Eureka North	2011	11CB3113	Carl Berg	Soil	ACME	WHI11001439	1DX15	610669	7050963	40	C	2.80	0.200	76.5	2.6	49.7	8.2	163.0	5.5	398
Eureka North	2011	11CB3114	Carl Berg	Soil	ACME	WHI11001439	1DX15	610699	7051002	40	C	5.70	0.200	26.5	1.4	33.6	7.9	84.0	2.0	335
Eureka North	2011	11CB3115	Carl Berg	Soil	ACME	WHI11001439	1DX15	610713	7051048	30	C	2.80	0.200	22.2	1.2	30.6	8.0	70.0	1.8	322
Eureka North	2011	11CB3116	Carl Berg	Soil	ACME	WHI11001439	1DX15	610730	7051102	30	C	3.10	0.200	51.6	2.0	42.4	7.8	149.0	4.0	378
Eureka North	2011	11CB3117	Carl Berg	Soil	ACME	WHI11001439	1DX15	610742	7051148	30	C	4.50	0.200	58.3	2.3	45.9	8.0	155.0	4.2	400
Eureka North	2011	11CB3118	Carl Berg	Soil	ACME	WHI11001439	1DX15	610753	7051197	40	C	3.20	0.300	79.8	2.9	49.7	7.1	176.0	5.6	389
Eureka North	2011	11MS3085	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609095	7049572	40	B	2.70	0.049	11.1	0.8	20.1	8.7	53.0	0.5	220
Eureka North	2011	11MS3086	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609138	7049596	70	C	2.10	0.049	6.5	0.7	22.8	5.9	53.0	0.4	197
Eureka North	2011	11MS3087	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609180	7049625	60	C	3.30	0.049	9.1	0.8	23.7	8.8	52.0	0.4	236
Eureka North	2011	11MS3088	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609220	7049653	60	C	2.10	0.049	10.8	0.8	23.6	9.8	56.0	0.5	257
Eureka North	2011	11MS3089	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609261	7049682	50	C	4.30	0.049	9.7	1.1	16.6	12.2	58.0	0.4	173
Eureka North	2011	11MS3090	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609276	7049730	50	C	5.00	0.400	10.7	1.6	30.3	10.3	84.0	0.5	232
Eureka North	2011	11MS3091	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609291	7049778	40	C	7.00	0.300	11.9	1.6	31.1	11.6	96.0	0.5	247
Eureka North	2011	11MS3092	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609306	7049825	60	C	4.90	0.300	16.0	2.4	47.6	11.2	147.0	0.8	300
Eureka North	2011	11MS3093	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609321	7049873	40	C	2.40	0.200	13.6	3.5	50.4	23.2	154.0	1.1	515
Eureka North	2011	11MS3094	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609335	7049925	50	C	1.60	0.049	10.2	1.2	19.6	11.2	57.0	0.4	162
Eureka North	2011	11MS3095	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609364	7049967	50	C	2.30	0.049	9.0	1.0	24.5	11.6	71.0	0.4	191
Eureka North	2011	11MS3096	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609395	7050002	60	C	5.40	0.200	18.0	1.4	37.7	12.0	70.0	1.0	328
Eureka North	2011	11MS3097	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609426	7050048	30	B	2.70	0.049	31.8	2.0	31.8	12.9	69.0	1.3	159
Eureka North	2011	11MS3098	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609452	7050083	50	C	0.80	0.049	11.8	1.0	44.8	9.0	77.0	0.9	173
Eureka North	2011	11MS3099	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609482	7050124	60	C	1.40	0.049	14.9	1.4	50.9	12.4	91.0	1.0	341
Eureka North	2011	11MS3100	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609517	7050159	40	C	2.50	0.200	11.1	2.7	90.1	9.8	114.0	0.6	766
Eureka North	2011	11MS3102	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609552	7050195	50	C	2.30	0.500	11.3	2.1	58.0	10.8	115.0	0.8	683
Eureka North	2011	11MS3103	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609593	7050228	50	C	1.80	0.049	20.9	0.8	64.8	12.8	224.0	1.5	105
Eureka North	2011	11MS3104	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609623	7050265	60	C	3.30	0.049	24.3	2.0	95.8	12.1	66.0	3.1	96
Eureka North	2011	11MS3105	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609659	7050301	50	C	1.60	0.600	10.4	1.9	45.0	11.4	91.0	0.9	307
Eureka North	2011	11MS3106	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609652	7050350	40	C	1.50	0.200	12.0	5.2	58.4	8.0	189.0	1.3	247
Eureka North	2011	11MS3107	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609647	7050400	80	C	1.50	0.049	2.0	0.2	48.6	4.1	64.0	0.2	535

Area	Year	Sample No.	Sampler	Type	Lab	Cert_ID	Method	E UTM83Z07	N UTM83Z07	Depth	Horizon	Au ppb	Ag ppm	As ppm	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Ba ppm
Eureka North	2011	11MS3108	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609641	7050450	50	C	5.30	0.700	19.8	2.0	71.7	11.5	172.0	1.0	467
Eureka North	2011	11MS3109	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609634	7050499	60	C	6.10	0.200	5.6	1.9	63.8	9.1	157.0	0.4	1064
Eureka North	2011	11MS3110	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609628	7050549	50	C	3.90	0.100	10.5	3.3	54.8	10.3	151.0	0.4	240
Eureka North	2011	11MS3111	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609622	7050598	50	C	3.50	0.300	48.5	2.8	40.5	11.8	87.0	0.9	219
Eureka North	2011	11MS3112	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609616	7050648	80	C	4.40	0.200	8.7	2.1	58.9	12.1	163.0	0.2	165
Eureka North	2011	11MS3113	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609594	7050693	50	C	3.40	0.100	24.0	3.3	42.8	12.1	116.0	2.0	142
Eureka North	2011	11MS3114	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609573	7050738	60	C	3.90	0.049	14.6	1.7	50.2	11.1	141.0	1.4	263
Eureka North	2011	11MS3115	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609551	7050783	50	C	2.90	0.049	11.6	2.4	58.7	10.9	173.0	1.3	269
Eureka North	2011	11MS3116	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609530	7050829	70	C	2.40	0.300	11.7	4.6	49.0	10.0	97.0	1.0	692
Eureka North	2011	11MS3117	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609509	7050874	40	C	1.30	0.400	12.8	3.2	46.1	11.6	100.0	0.9	515
Eureka North	2011	11YM3080	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608878	7049887	60	C	11.10	0.500	1.6	1.7	70.6	7.2	98.0	0.2	302
Eureka North	2011	11YM3081	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608837	7049918	60	C	5.90	0.300	0.2	0.8	65.1	2.9	91.0	0.0	355
Eureka North	2011	11YM3083	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608801	7049954	50	C	0.80	0.049	5.1	0.9	13.3	2.7	71.0	0.4	353
Eureka North	2011	11YM3084	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608759	7049988	50	B	0.25	0.049	4.4	0.7	18.4	4.0	80.0	0.2	580
Eureka North	2011	11YM3085	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608720	7050015	60	C	2.00	0.100	3.3	2.6	96.3	5.4	303.0	0.4	1098
Eureka North	2011	11YM3086	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608684	7050050	50	AH	7.70	0.049	6.1	1.5	61.1	6.2	128.0	0.4	432
Eureka North	2011	11YM3087	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608645	7050081	40	C	0.25	0.049	2.6	0.9	28.9	5.0	78.0	0.2	1404
Eureka North	2011	11YM3088	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608612	7050114	60	C	0.25	0.049	2.9	1.0	124.4	3.9	136.0	0.2	640
Eureka North	2011	11YM3089	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608576	7050146	40	C	0.25	0.049	5.5	0.9	21.6	12.0	70.0	0.3	427
Eureka North	2011	11YM3090	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608535	7050177	40	B	0.25	0.049	8.2	0.9	13.8	10.4	79.0	0.3	451
Eureka North	2011	11YM3091	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608489	7050203	40	B	0.70	0.049	7.6	1.3	27.3	7.6	88.0	0.4	604
Eureka North	2011	11YM3092	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608451	7050240	40	B	1.40	0.200	12.1	1.0	24.6	9.2	62.0	0.7	322
Eureka North	2011	11YM3093	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608407	7050264	40	B	1.80	0.049	11.3	1.0	24.6	9.2	61.0	0.6	276
Eureka North	2011	11YM3094	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608371	7050295	30	B	0.25	0.049	12.2	1.0	33.3	8.1	84.0	0.7	566
Eureka North	2011	11YM3095	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608330	7050325	40	B	3.40	0.049	8.3	0.7	21.3	9.0	60.0	0.4	485
Eureka North	2011	11YM3096	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608303	7050364	60	C	0.90	0.049	7.1	0.7	21.8	11.7	95.0	0.5	405
Eureka North	2011	11YM3097	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608268	7050409	60	B	0.25	0.049	9.4	1.1	20.1	11.5	72.0	0.5	219
Eureka North	2011	11YM3098	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608238	7050452	60	C	1.80	0.049	9.1	1.1	19.5	13.1	73.0	0.4	240
Eureka North	2011	11YM3099	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608208	7050488	50	C	2.20	0.049	10.0	1.2	28.3	15.4	79.0	0.6	369
Eureka North	2011	11YM3100	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608182	7050528	50	B	1.60	0.049	8.0	1.1	21.8	13.4	77.0	0.4	271
Eureka North	2011	11YM3101	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608152	7050569	60	C	1.20	0.049	8.6	1.2	17.1	18.3	66.0	0.5	258
Eureka North	2011	11YM3102	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608122	7050608	60	C	2.50	0.049	8.5	1.4	24.4	13.4	80.0	0.4	279
Eureka North	2011	11YM3103	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608091	7050645	50	C	29.10	0.300	4.5	2.7	59.1	11.7	123.0	0.2	652
Eureka North	2011	11YM3104	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608060	7050689	70	C	4.60	0.049	9.4	0.9	35.6	11.4	110.0	0.3	684
Eureka North	2011	11YM3105	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608033	7050732	60	C	2.80	0.049	6.4	0.8	7.6	16.1	69.0	0.6	104
Eureka North	2011	11YM3106	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608003	7050772	30	B	3.30	0.049	10.8	1.4	13.1	20.7	66.0	0.6	131
Eureka North	2011	11YM3107	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607976	7050812	50	B	1.20	0.049	11.9	1.3	14.9	20.9	68.0	0.8	151
Eureka North	2011	11YM3109	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607930	7050899	60	B	4.50	0.049	10.8	0.8	22.9	12.1	64.0	1.1	290
Eureka North	2011	11YM3110	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607894	7050934	80	C	2.60	0.049	1.9	0.4	18.5	5.8	46.0	1.1	218
Eureka North	2011	11AN3116	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609556	7048561	50	C	1.20	0.100	5.6	1.3	21.7	19.4	74.0	0.4	275
Eureka North	2011	11AN3117	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609537	7048607	40	C	1.00	0.100	4.9	1.6	39.3	13.8	79.0	0.3	206
Eureka North	2011	11AN3118	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609517	7048653	40	C	0.80	0.100	21.0	2.2	18.0	16.0	109.0	0.8	265
Eureka North	2011	11AN3119	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609497	7048699	50	C	2.60	0.049	13.5	1.8	16.1	10.3	54.0	0.6	129
Eureka North	2011	11AN3120	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609476	7048744	40	C	2.50	0.200	13.9	2.0	46.2	13.2	128.0	0.9	225
Eureka North	2011	11AN3122	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609455	7048790	50	C	3.40	0.100	24.5	1.3	26.3	10.3	89.0	0.7	439
Eureka North	2011	11AN3123	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609436	7048836	60	C	7.40	0.100	12.7	1.3	34.4	11.3	73.0	0.9	263

Area	Year	Sample No.	Sampler	Type	Lab	Cert_ID	Method	E UTM83Z07	N UTM83Z07	Depth	Horizon	Au ppb	Ag ppm	As ppm	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Ba ppm
Eureka North	2011	11AN3124	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609415	7048881	60	C	2.10	0.400	18.1	2.2	22.2	13.0	54.0	0.7	235
Eureka North	2011	11AN3125	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609394	7048927	50	C	1.60	0.049	10.0	1.3	13.9	13.5	48.0	0.6	137
Eureka North	2011	11AN3126	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609374	7048973	50	C	1.40	0.200	7.1	1.4	21.4	10.8	73.0	0.4	313
Eureka North	2011	11AN3127	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609354	7049018	40	C	2.20	0.200	12.9	1.5	19.0	12.8	57.0	0.7	218
Eureka North	2011	11AN3128	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609333	7049064	40	C	3.50	0.049	8.7	1.2	10.7	13.3	33.0	0.5	150
Eureka North	2011	11AN3129	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609313	7049110	30	C	2.20	0.049	11.3	1.8	20.5	12.2	86.0	0.6	85
Eureka North	2011	11AN3130	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609287	7049153	60	C	2.50	0.900	7.7	3.7	74.7	11.4	209.0	0.5	381
Eureka North	2011	11AN3131	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609262	7049195	50	C	8.00	0.100	10.3	1.4	16.7	13.0	58.0	0.7	121
Eureka North	2011	11AN3132	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609236	7049238	30	C	1.60	0.049	10.6	1.7	24.2	13.0	77.0	0.7	144
Eureka North	2011	11AN3133	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609210	7049281	50	C	5.30	0.049	9.7	0.9	29.7	11.2	63.0	0.6	420
Eureka North	2011	11AN3134	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609184	7049324	50	C	16.90	0.049	10.0	0.8	30.3	12.9	72.0	0.5	262
Eureka North	2011	11AN3135	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609154	7049369	50	C	0.00	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0
Eureka North	2011	11AN3136	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609133	7049410	60	C	2.30	0.049	7.5	0.6	20.2	8.5	48.0	0.4	193
Eureka North	2011	11AN3137	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609108	7049453	50	C	2.30	0.049	10.4	1.0	20.5	9.4	50.0	0.6	182
Eureka North	2011	11AN3138	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609082	7049496	40	C	0.25	0.049	9.4	1.1	13.4	9.8	46.0	0.6	115
Eureka North	2011	11AN3139	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609056	7049539	50	C	1.90	0.049	8.4	1.0	13.9	10.6	43.0	0.5	161
Eureka North	2011	11AN3140	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609039	7049586	40	C	3.20	0.049	10.0	1.2	19.4	11.5	48.0	0.7	208
Eureka North	2011	11AN3142	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609022	7049633	40	C	3.10	0.049	7.0	0.8	25.4	10.0	57.0	0.5	243
Eureka North	2011	11AN3143	Axel Nordling	Soil	ACME	WHI11001441	1DX15	608914	7049853	60	C	1.50	0.049	4.8	1.2	48.4	7.8	91.0	0.3	550
Eureka North	2011	11AN3144	Axel Nordling	Soil	ACME	WHI11001441	1DX15	608953	7049820	50	C	1.50	0.049	8.5	0.9	22.6	7.6	69.0	0.5	451
Eureka North	2011	11AN3145	Axel Nordling	Soil	ACME	WHI11001441	1DX15	608970	7049773	50	C	5.60	0.200	10.1	1.1	33.4	10.5	64.0	0.6	567
Eureka North	2011	11AN3147	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609002	7049687	50	C	2.70	0.049	6.2	0.7	19.6	8.3	53.0	0.4	495
Eureka North	2011	11CB3119	Carl Berg	Soil	ACME	WHI11001439	1DX15	609575	7048512	30	C	2.60	0.100	47.3	2.2	36.2	27.1	104.0	2.9	152
Eureka North	2011	11CB3120	Carl Berg	Soil	ACME	WHI11001439	1DX15	609596	7048471	30	C	2.00	0.200	14.1	1.3	17.9	17.9	74.0	1.2	236
Eureka North	2011	11CB3122	Carl Berg	Soil	ACME	WHI11001439	1DX15	609615	7048423	30	C	3.50	0.049	24.7	1.2	21.5	13.8	89.0	1.7	149
Eureka North	2011	11CB3123	Carl Berg	Soil	ACME	WHI11001439	1DX15	609634	7048377	30	C	18.90	0.400	74.9	1.2	69.6	17.5	468.0	0.5	395
Eureka North	2011	11CB3124	Carl Berg	Soil	ACME	WHI11001439	1DX15	609653	7048329	30	C	1.30	0.049	7.3	1.3	32.2	16.1	58.0	0.5	160
Eureka North	2011	11CB3125	Carl Berg	Soil	ACME	WHI11001439	1DX15	609670	7048284	30	C	4.50	0.200	12.9	1.9	40.3	11.6	96.0	1.3	331
Eureka North	2011	11CB3126	Carl Berg	Soil	ACME	WHI11001439	1DX15	609689	7048237	30	C	4.10	0.100	9.6	1.2	12.5	12.2	61.0	0.8	293
Eureka North	2011	11CB3127	Carl Berg	Soil	ACME	WHI11001439	1DX15	610095	7048288	20	C	2.90	0.300	27.5	1.5	20.7	11.8	46.0	3.3	365
Eureka North	2011	11CB3128	Carl Berg	Soil	ACME	WHI11001439	1DX15	610128	7048314	30	C	2.60	0.200	40.5	2.4	22.6	11.5	48.0	7.6	298
Eureka North	2011	11CB3129	Carl Berg	Soil	ACME	WHI11001439	1DX15	610166	7048352	30	C	2.60	0.200	20.4	1.9	39.9	14.5	83.0	4.2	643
Eureka North	2011	11CB3130	Carl Berg	Soil	ACME	WHI11001439	1DX15	610203	7048385	30	C	2.80	0.200	12.5	1.1	26.3	10.5	70.0	1.2	439
Eureka North	2011	11CB3131	Carl Berg	Soil	ACME	WHI11001439	1DX15	610242	7048419	40	C	2.90	0.200	11.5	1.1	26.6	10.7	71.0	1.1	430
Eureka North	2011	11CB3132	Carl Berg	Soil	ACME	WHI11001439	1DX15	610278	7048452	30	C	2.00	0.049	21.1	1.7	22.3	14.3	68.0	1.5	283
Eureka North	2011	11CB3133	Carl Berg	Soil	ACME	WHI11001439	1DX15	610311	7048487	30	C	3.40	0.049	10.8	1.4	17.9	11.9	69.0	0.8	317
Eureka North	2011	11CB3134	Carl Berg	Soil	ACME	WHI11001439	1DX15	610356	7048524	30	C	7.60	0.100	16.6	1.5	19.5	16.5	77.0	1.6	224
Eureka North	2011	11CB3135	Carl Berg	Soil	ACME	WHI11001439	1DX15	610390	7048557	40	C	2.90	0.049	12.4	1.4	23.5	12.0	61.0	1.8	229
Eureka North	2011	11CB3136	Carl Berg	Soil	ACME	WHI11001439	1DX15	610427	7048587	30	C	4.30	0.049	22.5	1.4	22.3	10.6	73.0	4.7	282
Eureka North	2011	11CB3137	Carl Berg	Soil	ACME	WHI11001439	1DX15	610465	7048621	30	C	2.50	0.049	36.3	2.5	34.1	13.5	67.0	6.3	140
Eureka North	2011	11CB3138	Carl Berg	Soil	ACME	WHI11001439	1DX15	610500	7048656	30	C	4.00	0.049	17.1	1.4	26.7	11.9	60.0	1.9	198
Eureka North	2011	11CB3139	Carl Berg	Soil	ACME	WHI11001439	1DX15	610536	7048691	30	C	3.40	0.049	13.7	1.2	13.2	12.9	46.0	1.0	152
Eureka North	2011	11CB3140	Carl Berg	Soil	ACME	WHI11001439	1DX15	610579	7048721	30	B	2.80	0.100	20.5	1.8	22.9	12.1	63.0	1.6	329
Eureka North	2011	11CB3142	Carl Berg	Soil	ACME	WHI11001439	1DX15	610593	7048764	30	C	2.70	0.100	24.4	2.0	22.1	12.3	146.0	2.6	416
Eureka North	2011	11CB3143	Carl Berg	Soil	ACME	WHI11001439	1DX15	610610	7048817	30	C	3.90	0.300	24.2	1.7	35.7	11.7	111.0	1.9	505
Eureka North	2011	11CB3144	Carl Berg	Soil	ACME	WHI11001439	1DX15	610631	7048864	30	C	3.80	0.500	16.1	1.6	33.4	10.7	80.0	1.3	463

Area	Year	Sample No.	Sampler	Type	Lab	Cert_ID	Method	E UTM83Z07	N UTM83Z07	Depth	Horizon	Au ppb	Ag ppm	As ppm	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Ba ppm
Eureka North	2011	11CB3145	Carl Berg	Soil	ACME	WHI11001439	1DX15	610650	7048910	40	C	3.70	0.300	13.7	1.2	26.0	8.7	82.0	1.0	452
Eureka North	2011	11CB3146	Carl Berg	Soil	ACME	WHI11001439	1DX15	610690	7048934	30	C	3.30	0.100	20.7	1.3	22.1	13.1	81.0	2.9	352
Eureka North	2011	11CB3147	Carl Berg	Soil	ACME	WHI11001439	1DX15	610732	7048967	30	C	4.90	0.200	29.1	1.6	28.7	16.5	94.0	3.6	406
Eureka North	2011	11CB3148	Carl Berg	Soil	ACME	WHI11001439	1DX15	610773	7048992	30	C	1.80	0.100	17.5	1.1	21.3	10.9	89.0	2.2	398
Eureka North	2011	11CB3149	Carl Berg	Soil	ACME	WHI11001439	1DX15	610812	7049015	30	C	1.80	0.100	28.2	1.4	29.8	15.0	78.0	3.0	396
Eureka North	2011	11CB3150	Carl Berg	Soil	ACME	WHI11001439	1DX15	610858	7049048	30	C	4.60	0.300	8.2	0.6	29.9	10.0	83.0	0.8	194
Eureka North	2011	11CB3151	Carl Berg	Soil	ACME	WHI11001439	1DX15	610896	7049076	40	C	4.50	0.300	8.4	0.6	30.1	10.3	86.0	0.8	187
Eureka North	2011	11MS3118	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609586	7048037	40	B	4.10	0.049	9.7	1.3	22.3	28.9	99.0	0.6	264
Eureka North	2011	11MS3119	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609617	7048076	30	AH	1.00	0.100	5.4	1.0	13.2	18.2	45.0	0.3	342
Eureka North	2011	11MS3120	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609649	7048114	50	C	1.60	0.049	40.4	1.4	11.4	18.3	110.0	2.2	197
Eureka North	2011	11MS3122	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609680	7048153	40	C	0.90	0.049	11.6	1.3	13.2	12.5	68.0	0.5	280
Eureka North	2011	11MS3123	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609712	7048192	40	C	2.80	0.049	8.1	1.3	9.7	16.0	82.0	0.7	162
Eureka North	2011	11MS3124	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609761	7048201	50	C	3.40	0.049	41.4	1.1	16.4	13.3	57.0	1.7	283
Eureka North	2011	11MS3125	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609811	7048203	30	B	2.70	0.049	16.4	1.2	10.9	15.3	35.0	0.7	205
Eureka North	2011	11MS3126	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609864	7048213	40	B	2.20	0.049	11.9	0.9	14.8	18.8	71.0	0.7	164
Eureka North	2011	11MS3127	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609909	7048226	40	C	2.40	0.049	9.3	0.9	18.1	10.7	66.0	0.8	335
Eureka North	2011	11MS3128	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	609958	7048234	50	C	2.40	0.049	11.6	1.0	24.1	13.2	61.0	0.7	415
Eureka North	2011	11MS3129	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610008	7048242	50	C	3.70	0.049	28.4	1.2	29.7	11.6	43.0	3.4	501
Eureka North	2011	11MS3130	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610057	7048250	30	C	3.50	0.049	34.2	1.7	30.1	12.6	59.0	4.5	285
Eureka North	2011	11MS3131	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610107	7048251	50	C	2.70	0.049	16.4	1.3	22.9	11.8	63.0	1.5	379
Eureka North	2011	11MS3132	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610157	7048251	50	C	5.40	0.100	26.9	2.3	31.9	11.5	58.0	3.3	571
Eureka North	2011	11MS3133	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610207	7048252	60	C	3.60	0.049	17.4	1.1	30.5	50.7	55.0	1.4	296
Eureka North	2011	11MS3134	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610257	7048252	40	C	2.80	0.049	23.0	1.2	28.8	10.0	30.0	1.3	110
Eureka North	2011	11MS3135	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610307	7048253	40	C	1.70	0.049	13.1	1.0	30.3	32.4	63.0	1.1	333
Eureka North	2011	11MS3136	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610357	7048253	50	C	4.20	0.049	15.5	1.3	33.0	35.1	58.0	1.5	438
Eureka North	2011	11MS3137	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610403	7048259	50	C	4.30	0.049	15.1	1.4	27.1	13.2	56.0	0.8	219
Eureka North	2011	11MS3138	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610459	7048260	40	C	4.80	0.100	14.9	1.6	23.9	14.8	47.0	0.8	221
Eureka North	2011	11MS3139	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610502	7048258	30	B	2.70	0.049	18.8	1.5	30.0	14.6	63.0	1.3	306
Eureka North	2011	11MS3140	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610557	7048255	50	C	2.70	0.049	14.8	1.2	33.0	12.4	59.0	1.0	405
Eureka North	2011	11MS3142	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610607	7048255	50	C	2.00	0.049	18.8	1.7	24.6	13.7	64.0	1.2	319
Eureka North	2011	11MS3143	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610657	7048256	50	C	3.30	0.049	16.5	1.1	28.9	11.3	57.0	1.0	315
Eureka North	2011	11MS3144	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610705	7048243	50	C	5.20	0.049	16.1	1.4	26.0	15.0	54.0	1.3	270
Eureka North	2011	11MS3145	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610754	7048230	70	C	2.40	0.100	15.6	1.3	25.5	16.5	59.0	1.2	271
Eureka North	2011	11MS3146	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610802	7048217	60	C	2.10	0.100	15.6	1.5	24.0	23.4	52.0	1.2	277
Eureka North	2011	11MS3147	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610850	7048207	0		4.80	0.200	15.5	1.4	32.3	19.0	56.0	1.1	234
Eureka North	2011	11MS3148	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610898	7048191	50	C	3.50	0.049	14.6	1.3	27.1	16.4	54.0	0.9	226
Eureka North	2011	11MS3149	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610946	7048178	60	C	4.90	0.049	22.9	1.9	37.6	18.1	56.0	2.2	213
Eureka North	2011	11YM3111	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609010	7049519	30	C	5.10	0.049	2.7	0.4	67.5	10.4	93.0	0.1	919
Eureka North	2011	11YM3112	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608962	7049501	40	C	3.60	0.049	6.4	0.6	27.4	7.1	48.0	0.4	238
Eureka North	2011	11YM3113	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608916	7049495	40	B	3.20	0.049	9.6	1.4	32.8	10.3	186.0	0.5	420
Eureka North	2011	11YM3114	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608866	7049469	70	C	5.60	0.100	5.9	1.9	47.8	11.3	134.0	0.5	455
Eureka North	2011	11YM3115	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608815	7049453	30	B	2.70	0.049	8.2	0.7	27.9	9.0	56.0	0.5	293
Eureka North	2011	11YM3116	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608772	7049437	50	C	1.70	0.049	8.8	1.1	31.8	9.0	71.0	0.5	370
Eureka North	2011	11YM3117	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608727	7049419	60	B	3.50	0.049	10.0	1.4	42.7	11.6	76.0	0.6	451
Eureka North	2011	11YM3118	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608681	7049404	50	C	2.90	0.200	33.8	4.1	63.7	14.1	208.0	3.4	471
Eureka North	2011	11YM3119	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608637	7049384	60	B	3.00	0.200	27.6	2.2	38.9	13.5	81.0	1.4	229

Area	Year	Sample No.	Sampler	Type	Lab	Cert_ID	Method	E UTM83Z07	N UTM83Z07	Depth	Horizon	Au ppb	Ag ppm	As ppm	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Ba ppm
Eureka North	2011	11YM3120	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608587	7049364	50	B	3.10	0.400	15.3	2.6	46.0	14.7	81.0	0.9	247
Eureka North	2011	11YM3121	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608541	7049355	50	C	3.30	0.400	15.6	3.6	57.3	12.8	58.0	0.9	171
Eureka North	2011	11YM3122	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608438	7049334	50	C	2.70	0.200	20.9	2.6	42.3	11.8	89.0	1.3	194
Eureka North	2011	11YM3123	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608446	7049315	60	C	3.40	0.049	28.6	2.4	56.7	13.1	109.0	2.4	277
Eureka North	2011	11YM3124	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608395	7049301	60	C	3.50	0.200	25.8	3.9	73.2	18.7	180.0	1.5	403
Eureka North	2011	11YM3125	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608345	7049305	60	C	3.70	0.200	17.2	2.4	50.5	13.6	94.0	1.0	397
Eureka North	2011	11YM3126	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608298	7049299	60	C	2.50	0.100	15.0	2.3	41.4	13.8	95.0	0.7	224
Eureka North	2011	11YM3127	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608245	7049300	60	C	8.20	0.049	13.5	2.1	45.1	17.0	92.0	0.9	426
Eureka North	2011	11YM3128	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608193	7049303	70	C	3.50	0.100	7.8	2.4	52.4	12.2	105.0	0.5	443
Eureka North	2011	11YM3129	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608141	7049311	60	C	2.70	0.200	26.5	2.1	70.2	17.4	155.0	0.4	459
Eureka North	2011	11YM3130	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608092	7049310	50	B	3.40	0.300	20.2	1.9	23.5	16.0	76.0	0.5	216
Eureka North	2011	11YM3131	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608045	7049303	50	C	2.50	0.200	15.6	1.0	24.0	17.3	82.0	0.3	270
Eureka North	2011	11YM3132	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607991	7049311	60	C	3.30	0.400	5.9	1.2	10.9	22.6	67.0	0.2	246
Eureka North	2011	11YM3133	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607913	7049302	50	C	6.00	0.300	7.8	1.3	20.4	31.5	72.0	0.7	297
Eureka North	2011	11YM3134	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607894	7049314	60	B	2.70	0.400	10.4	1.4	15.2	23.4	60.0	0.5	223
Eureka North	2011	11YM3135	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607842	7049304	40	C	5.80	0.049	7.0	1.0	12.1	14.4	58.0	0.4	289
Eureka North	2011	11YM3136	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607799	7049321	60	C	5.50	0.049	8.5	0.9	27.2	14.3	63.0	0.6	333
Eureka North	2011	11YM3137	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607748	7049318	60	C	5.70	0.049	6.8	0.8	23.1	18.5	71.0	0.6	321
Eureka North	2011	11AN3148	Axel Nordling	Soil	ACME	WHI11001441	1DX15	608081	7047476	50	C	7.10	0.200	63.5	1.7	23.8	9.6	77.0	4.1	170
Eureka North	2011	11AN3149	Axel Nordling	Soil	ACME	WHI11001441	1DX15	608057	7047471	20	B	2.90	0.300	12.5	1.6	18.0	10.2	36.0	0.9	159
Eureka North	2011	11AN3150	Axel Nordling	Soil	ACME	WHI11001441	1DX15	608032	7047465	20	B	68.50	0.600	50.3	3.0	42.0	10.4	76.0	3.2	158
Eureka North	2011	11AN3151	Axel Nordling	Soil	ACME	WHI11001441	1DX15	608008	7047460	30	B	10.10	0.400	64.6	2.8	40.8	13.8	74.0	3.3	221
Eureka North	2011	11AN3152	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607984	7047454	30	C	4.20	0.300	35.1	2.4	29.7	10.9	65.0	2.1	246
Eureka North	2011	11AN3153	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607959	7047449	30	C	4.00	0.300	31.8	2.5	28.9	10.5	62.0	1.4	226
Eureka North	2011	11AN3154	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607932	7047441	40	C	8.40	0.200	20.1	1.4	24.7	10.4	57.0	0.9	202
Eureka North	2011	11AN3155	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607910	7047438	30	C	2.70	0.100	14.6	1.2	26.2	11.2	64.0	0.8	227
Eureka North	2011	11AN3156	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607886	7047433	40	C	3.50	0.100	23.4	1.8	25.7	12.4	74.0	0.9	207
Eureka North	2011	11AN3157	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607862	7047427	40	C	3.40	0.049	24.7	1.4	26.2	11.1	71.0	1.3	189
Eureka North	2011	11AN3158	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607832	7047423	40	C	3.30	0.100	16.0	1.6	41.0	11.7	129.0	0.6	384
Eureka North	2011	11AN3159	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607812	7047416	50	C	5.20	0.200	14.0	1.4	29.8	9.7	87.0	0.5	342
Eureka North	2011	11AN3160	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607788	7047411	60	C	0.25	0.100	4.4	0.9	27.7	8.6	104.0	0.1	541
Eureka North	2011	11AN3162	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607764	7047405	40	C	3.40	0.100	9.7	1.3	26.5	11.8	80.0	0.4	313
Eureka North	2011	11AN3163	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607735	7047402	30	C	3.20	0.200	13.5	1.4	31.9	13.0	76.0	0.6	255
Eureka North	2011	11AN3164	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607710	7047392	50	C	5.60	0.049	7.8	0.8	12.7	8.2	52.0	0.4	141
Eureka North	2011	11AN3165	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607691	7047389	50	C	3.50	0.049	36.8	1.4	24.8	12.9	66.0	1.0	223
Eureka North	2011	11AN3166	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607669	7047386	50	C	3.70	0.049	86.6	1.4	30.3	14.3	81.0	1.7	301
Eureka North	2011	11AN3167	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607642	7047378	50	C	3.50	0.049	45.0	1.5	24.8	14.0	80.0	1.1	343
Eureka North	2011	11AN3168	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607618	7047373	60	C	2.60	0.049	310.9	0.8	28.0	11.6	68.0	6.0	206
Eureka North	2011	11AN3169	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607594	7047366	40	C	1.30	0.049	102.0	1.1	19.1	11.6	71.0	2.1	179
Eureka North	2011	11AN3170	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607571	7047355	40	C	4.50	0.049	111.1	1.1	31.2	13.2	71.0	2.0	217
Eureka North	2011	11AN3171	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607545	7047343	60	C	9.60	0.049	92.8	1.0	28.8	12.4	63.0	1.9	203
Eureka North	2011	11AN3172	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607527	7047335	50	C	3.90	0.049	67.8	1.1	25.9	11.2	65.0	1.5	205
Eureka North	2011	11AN3173	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607500	7047329	50	C	2.50	0.100	74.4	1.3	28.6	11.9	66.0	1.8	221
Eureka North	2011	11AN3174	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607477	7047320	50	C	1.80	0.049	152.8	1.3	22.6	10.9	56.0	3.1	171
Eureka North	2011	11AN3175	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607454	7047312	50	C	3.60	0.100	98.8	1.3	26.1	13.1	61.0	2.3	205
Eureka North	2011	11AN3176	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607429	7047307	60	C	1.10	0.100	52.6	1.2	25.3	12.2	73.0	1.3	209

Area	Year	Sample No.	Sampler	Type	Lab	Cert_ID	Method	E UTM83Z07	N UTM83Z07	Depth	Horizon	Au ppb	Ag ppm	As ppm	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Ba ppm
Eureka North	2011	11AN3177	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607407	7047294	60	C	3.40	0.400	56.6	1.5	23.9	14.6	92.0	1.6	157
Eureka North	2011	11AN3178	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607383	7047285	50	C	5.10	0.500	27.7	1.2	30.6	13.6	69.0	0.9	206
Eureka North	2011	11AN3179	Axel Nordling	Soil	ACME	WHI11001441	1DX15	607360	7047277	50	C	6.00	0.300	29.7	1.0	26.0	14.6	68.0	0.8	185
Eureka North	2011	11CB3152	Carl Berg	Soil	ACME	WHI11001439	1DX15	609557	7048002	30	C	3.20	0.049	8.8	1.1	15.1	12.0	68.0	0.7	401
Eureka North	2011	11CB3153	Carl Berg	Soil	ACME	WHI11001439	1DX15	609524	7047958	40	C	3.70	0.049	7.9	0.9	14.0	8.1	46.0	0.6	186
Eureka North	2011	11CB3154	Carl Berg	Soil	ACME	WHI11001439	1DX15	609486	7047917	30	C	0.25	0.049	12.9	1.9	31.8	13.9	59.0	0.7	202
Eureka North	2011	11CB3155	Carl Berg	Soil	ACME	WHI11001439	1DX15	609460	7047880	30	C	1.20	0.049	6.8	2.2	37.4	7.6	60.0	0.3	289
Eureka North	2011	11CB3156	Carl Berg	Soil	ACME	WHI11001439	1DX15	609425	7047839	30	C	2.60	0.100	8.7	1.2	31.6	9.7	69.0	0.5	235
Eureka North	2011	11CB3157	Carl Berg	Soil	ACME	WHI11001439	1DX15	609396	7047803	30	C	0.25	0.049	1.2	1.3	24.3	3.5	64.0	0.0	636
Eureka North	2011	11CB3158	Carl Berg	Soil	ACME	WHI11001439	1DX15	609367	7047761	30	C	0.25	0.400	7.6	2.4	39.1	14.5	69.0	0.5	179
Eureka North	2011	11CB3159	Carl Berg	Soil	ACME	WHI11001439	1DX15	609333	7047728	40	C	2.20	0.049	9.2	1.6	15.6	12.0	56.0	0.6	146
Eureka North	2011	11CB3160	Carl Berg	Soil	ACME	WHI11001439	1DX15	609297	7047691	40	C	1.30	0.049	8.0	0.9	10.7	12.0	58.0	0.5	163
Eureka North	2011	11CB3162	Carl Berg	Soil	ACME	WHI11001439	1DX15	609264	7047655	40	C	3.20	0.049	6.2	1.0	15.4	27.9	232.0	0.5	133
Eureka North	2011	11CB3163	Carl Berg	Soil	ACME	WHI11001439	1DX15	609227	7047618	30	C	2.90	0.049	8.2	1.0	17.8	12.3	60.0	0.6	172
Eureka North	2011	11CB3164	Carl Berg	Soil	ACME	WHI11001439	1DX15	609190	7047586	40	C	2.20	0.100	17.0	1.8	22.8	12.2	60.0	1.5	81
Eureka North	2011	11CB3165	Carl Berg	Soil	ACME	WHI11001439	1DX15	609158	7047549	30	C	0.90	0.300	46.0	3.1	36.6	14.4	62.0	2.9	116
Eureka North	2011	11CB3166	Carl Berg	Soil	ACME	WHI11001439	1DX15	609123	7047517	30	C	1.60	0.049	9.4	1.8	25.1	11.5	50.0	0.9	65
Eureka North	2011	11CB3167	Carl Berg	Soil	ACME	WHI11001439	1DX15	609089	7047483	30	C	1.60	0.200	16.1	3.7	106.8	15.0	82.0	1.6	129
Eureka North	2011	11CB3168	Carl Berg	Soil	ACME	WHI11001439	1DX15	609041	7047459	30	C	1.80	0.100	7.5	2.7	87.5	13.3	72.0	0.6	194
Eureka North	2011	11CB3169	Carl Berg	Soil	ACME	WHI11001439	1DX15	608996	7047435	30	C	7.30	0.300	26.1	2.3	41.8	18.1	71.0	1.9	128
Eureka North	2011	11CB3170	Carl Berg	Soil	ACME	WHI11001439	1DX15	608952	7047418	30	C	12.30	0.700	60.1	2.5	36.7	27.6	50.0	6.3	187
Eureka North	2011	11CB3171	Carl Berg	Soil	ACME	WHI11001439	1DX15	608901	7047396	40	C	28.70	0.900	107.9	3.3	27.3	50.3	39.0	10.6	143
Eureka North	2011	11CB3172	Carl Berg	Soil	ACME	WHI11001439	1DX15	608859	7047377	30	C	5.40	0.200	69.7	1.8	26.6	47.2	51.0	5.5	104
Eureka North	2011	11CB3173	Carl Berg	Soil	ACME	WHI11001439	1DX15	608812	7047357	30	C	6.30	0.100	56.9	2.5	33.1	33.5	46.0	4.7	100
Eureka North	2011	11CB3174	Carl Berg	Soil	ACME	WHI11001439	1DX15	608767	7047339	30	C	3.90	0.200	26.2	1.9	13.4	29.9	49.0	3.0	124
Eureka North	2011	11CB3175	Carl Berg	Soil	ACME	WHI11001439	1DX15	608717	7047321	30	C	3.70	0.300	3.5	3.8	74.4	29.3	115.0	0.3	425
Eureka North	2011	11CB3176	Carl Berg	Soil	ACME	WHI11001439	1DX15	608668	7047296	30	C	3.80	0.049	9.1	1.3	16.5	11.1	70.0	0.5	123
Eureka North	2011	11CB3177	Carl Berg	Soil	ACME	WHI11001439	1DX15	608621	7047277	40	C	5.90	0.300	7.1	0.7	20.7	14.8	57.0	0.4	223
Eureka North	2011	11CB3178	Carl Berg	Soil	ACME	WHI11001439	1DX15	608561	7047271	30	C	2.30	0.100	3.7	1.1	46.2	9.8	88.0	0.4	346
Eureka North	2011	11CB3179	Carl Berg	Soil	ACME	WHI11001439	1DX15	608582	7047262	40	C	1.90	0.200	4.9	1.2	50.2	11.6	82.0	0.4	332
Eureka North	2011	11CB3180	Carl Berg	Soil	ACME	WHI11001439	1DX15	608599	7047244	40	C	2.90	0.100	3.9	1.0	38.6	9.3	84.0	0.3	332
Eureka North	2011	11CB3182	Carl Berg	Soil	ACME	WHI11001439	1DX15	608617	7047226	30	C	2.30	0.100	4.0	1.2	41.9	10.6	84.0	0.4	347
Eureka North	2011	11CB3183	Carl Berg	Soil	ACME	WHI11001439	1DX15	608635	7047208	30	C	2.00	0.049	4.0	1.0	45.1	11.0	87.0	0.3	341
Eureka North	2011	11MS3150	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608537	7047283	30	B	3.80	0.100	17.5	2.4	32.5	33.0	66.0	1.8	198
Eureka North	2011	11MS3151	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608514	7047293	30	B	2.60	0.400	40.2	3.3	58.9	48.4	72.0	2.2	284
Eureka North	2011	11MS3152	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608491	7047304	40	B	5.50	0.200	15.0	1.9	37.3	23.7	101.0	1.9	153
Eureka North	2011	11MS3153	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608466	7047317	30	C	2.00	0.500	8.4	2.1	71.1	52.3	94.0	0.7	296
Eureka North	2011	11MS3154	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608446	7047325	20	B	2.00	0.100	14.6	1.6	27.8	12.8	57.0	1.7	148
Eureka North	2011	11MS3155	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608424	7047335	30	C	14.10	0.100	12.8	1.2	35.7	12.8	64.0	1.0	124
Eureka North	2011	11MS3156	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608401	7047346	20	B	1.50	0.200	11.3	1.1	19.1	11.4	61.0	1.1	260
Eureka North	2011	11MS3157	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608378	7047356	40	C	2.20	0.400	104.0	1.7	42.1	11.2	63.0	6.2	142
Eureka North	2011	11MS3158	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608355	7047367	40	C	4.90	0.300	24.5	1.6	23.4	15.6	54.0	3.2	174
Eureka North	2011	11MS3159	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608332	7047377	30	B	1.80	0.100	50.5	1.8	26.1	23.7	37.0	3.9	102
Eureka North	2011	11MS3160	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608310	7047387	20	B	1.70	0.100	11.4	1.2	17.4	12.7	57.0	0.8	101
Eureka North	2011	11MS3162	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608288	7047398	30	C	2.50	0.200	17.3	1.8	18.3	14.4	52.0	1.0	115
Eureka North	2011	11MS3163	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608265	7047408	30	C	9.70	0.700	26.9	2.8	49.5	13.0	65.0	2.6	224

Area	Year	Sample No.	Sampler	Type	Lab	Cert_ID	Method	E UTM83Z07	N UTM83Z07	Depth	Horizon	Au ppb	Ag ppm	As ppm	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Ba ppm
Eureka North	2011	11MS3164	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608242	7047419	60	C	4.60	0.400	5.3	2.5	80.5	12.1	220.0	0.3	335
Eureka North	2011	11MS3165	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608219	7047429	50	C	1.90	0.500	2.4	1.9	66.8	13.3	168.0	0.2	333
Eureka North	2011	11MS3166	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608196	7047440	40	C	0.70	0.300	8.2	1.1	34.3	7.2	142.0	0.5	584
Eureka North	2011	11MS3167	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608174	7047450	40	C	6.80	0.200	14.3	1.1	29.0	11.4	62.0	1.5	157
Eureka North	2011	11MS3168	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608151	7047461	30	B	3.10	0.200	63.0	2.3	35.9	13.6	85.0	4.3	124
Eureka North	2011	11MS3169	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608128	7047471	40	C	2.90	0.100	44.9	2.1	29.7	15.0	70.0	2.2	174
Eureka North	2011	11MS3170	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608102	7047483	30	C	6.80	0.400	60.3	2.2	41.2	12.2	73.0	2.7	272
Eureka North	2011	11MS3171	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608083	7047492	30	C	3.60	0.300	50.9	1.8	32.5	10.9	69.0	2.7	181
Eureka North	2011	11MS3172	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608056	7047500	30	C	3.50	0.200	39.0	1.7	28.8	10.8	87.0	2.5	223
Eureka North	2011	11MS3173	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608034	7047517	40	C	6.60	0.600	58.2	2.3	49.1	14.0	98.0	2.4	440
Eureka North	2011	11MS3174	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608015	7047524	40	C	4.10	0.300	50.4	1.8	36.0	16.0	72.0	2.9	338
Eureka North	2011	11MS3175	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	607989	7047538	50	C	1.50	0.100	25.0	1.6	29.6	12.2	73.0	1.3	379
Eureka North	2011	11MS3176	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	607969	7047545	40	C	2.30	0.100	22.6	1.3	27.6	11.6	70.0	1.3	335
Eureka North	2011	11MS3177	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	607943	7047559	40	C	2.90	0.100	15.8	1.1	25.7	10.9	81.0	0.9	286
Eureka North	2011	11MS3178	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	607924	7047566	40	C	3.70	0.200	19.5	1.0	31.5	10.0	80.0	1.0	356
Eureka North	2011	11MS3179	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	607902	7047576	40	C	0.60	0.100	34.7	1.2	19.3	11.8	63.0	1.6	157
Eureka North	2011	11MS3180	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	607879	7047587	60	C	6.50	0.100	7.8	0.9	28.3	9.0	97.0	0.3	644
Eureka North	2011	11YM3138	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607857	7047593	50	C	3.70	0.049	4.1	1.3	55.9	9.8	182.0	0.4	1078
Eureka North	2011	11YM3139	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607828	7047608	30	B	2.40	0.049	7.8	1.3	16.1	10.6	83.0	0.4	325
Eureka North	2011	11YM3140	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607809	7047618	40	C	3.30	0.049	9.3	1.0	13.8	11.3	73.0	0.4	326
Eureka North	2011	11YM3141	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607786	7047629	40	B	2.70	0.049	6.9	0.9	20.2	9.9	91.0	0.5	301
Eureka North	2011	11YM3142	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607762	7047642	60	C	2.20	0.049	7.3	0.8	14.7	8.7	128.0	0.4	232
Eureka North	2011	11YM3143	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607742	7047648	40	B	4.50	0.049	10.2	0.9	25.3	14.1	66.0	0.5	124
Eureka North	2011	11YM3144	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607714	7047661	30	B	2.90	0.049	9.9	1.1	14.1	14.2	74.0	0.5	130
Eureka North	2011	11YM3145	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607704	7047677	30	B	2.40	0.049	11.8	0.9	17.3	11.1	69.0	0.6	116
Eureka North	2011	11YM3146	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607682	7047693	40	B	1.70	0.049	7.9	1.0	11.4	10.5	85.0	0.4	201
Eureka North	2011	11YM3147	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607658	7047715	0	C	1.90	0.049	25.7	1.3	29.0	20.4	78.0	1.1	198
Eureka North	2011	11YM3148	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607640	7047728	30	B	1.90	0.049	5.0	0.9	12.2	14.3	90.0	0.2	372
Eureka North	2011	11YM3149	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607613	7047742	60	C	2.00	0.049	642.7	1.0	11.8	18.0	54.0	14.4	427
Eureka North	2011	11YM3150	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607602	7047756	50	C	3.80	0.049	11.4	1.0	15.3	13.2	46.0	0.5	123
Eureka North	2011	11YM3151	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607585	7047778	50	B	2.00	0.049	14.8	0.9	18.6	13.9	59.0	0.7	149
Eureka North	2011	11YM3152	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607564	7047796	50	B	5.30	0.049	20.8	0.9	19.4	12.5	57.0	0.8	138
Eureka North	2011	11YM3153	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607550	7047807	50	B	2.90	0.049	30.1	1.1	21.7	13.9	57.0	0.8	194
Eureka North	2011	11YM3154	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607528	7047824	50	B	4.50	0.049	27.2	0.9	25.3	11.2	58.0	0.9	195
Eureka North	2011	11YM3155	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607512	7047842	50	B	3.80	0.049	39.4	1.0	23.8	13.1	54.0	1.2	169
Eureka North	2011	11YM3156	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607492	7047857	70	B	5.90	0.049	41.9	0.9	24.6	11.7	56.0	1.5	155
Eureka North	2011	11YM3157	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607472	7047871	50	B	4.40	0.049	27.1	0.9	20.1	11.3	54.0	0.9	165
Eureka North	2011	11YM3158	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607453	7047888	50	B	2.80	0.049	24.4	0.9	28.0	11.9	60.0	0.9	213
Eureka North	2011	11YM3159	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607436	7047902	50	B	3.80	0.049	22.9	0.9	24.7	11.5	56.0	0.8	209
Eureka North	2011	11YM3160	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607415	7047923	50	B	4.20	0.049	27.2	1.0	20.4	12.4	52.0	0.7	123
Eureka North	2011	11YM3161	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607401	7047940	40	C	7.40	0.200	373.8	0.9	22.0	44.6	96.0	8.0	121
Eureka North	2011	11YM3162	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607377	7047950	50	B	8.80	0.100	89.1	1.0	21.2	12.5	42.0	1.3	131
Eureka North	2011	11YM3163	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607364	7047970	30	B	2.20	0.049	15.1	0.9	20.0	11.2	58.0	0.6	159
Eureka North	2011	11YM3164	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607342	7047990	30	B	4.00	0.049	13.9	1.1	14.4	11.4	55.0	0.6	134
Eureka North	2011	11YM3165	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607323	7048004	40	B	4.00	0.049	17.3	0.8	21.3	14.4	54.0	0.5	128
Eureka North	2011	11YM3166	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607299	7048023	40	B	6.40	0.049	30.9	1.2	25.0	12.8	56.0	0.7	109

Area	Year	Sample No.	Sampler	Type	Lab	Cert_ID	Method	E UTM83Z07	N UTM83Z07	Depth	Horizon	Au ppb	Ag ppm	As ppm	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Ba ppm
Eureka North	2011	11YM3167	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	607281	7048034	40	B	3.60	0.049	34.3	1.4	20.6	11.5	58.0	0.7	155
Eureka North	2011	11AN3180	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609837	7045914	20	B	1.50	0.049	8.4	1.4	15.6	13.8	39.0	0.5	113
Eureka North	2011	11AN3182	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609838	7045865	30	C	1.70	0.100	5.8	0.9	16.8	9.9	32.0	0.3	316
Eureka North	2011	11AN3183	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609840	7045815	40	C	0.25	0.049	1.1	0.0	36.7	2.8	21.0	0.0	113
Eureka North	2011	11AN3184	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609842	7045765	40	C	0.25	0.049	6.1	0.7	16.6	11.6	66.0	0.4	382
Eureka North	2011	11AN3185	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609844	7045715	40	C	1.70	0.049	5.2	0.6	23.6	8.3	81.0	0.4	359
Eureka North	2011	11AN3186	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609845	7045665	30	C	0.50	0.049	6.3	0.9	14.2	10.3	36.0	0.4	199
Eureka North	2011	11AN3187	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609916	7045735	40	C	1.20	0.049	6.8	0.7	17.9	8.2	75.0	0.4	280
Eureka North	2011	11AN3188	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609952	7045770	40	C	1.60	0.049	6.9	0.6	19.5	8.0	57.0	0.4	243
Eureka North	2011	11AN3189	Axel Nordling	Soil	ACME	WHI11001441	1DX15	609987	7045806	40	C	0.90	0.049	6.2	0.6	17.5	8.5	60.0	0.3	278
Eureka North	2011	11AN3190	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610034	7045822	40	C	1.80	0.049	7.4	0.6	20.8	8.2	54.0	0.4	233
Eureka North	2011	11AN3191	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610081	7045839	40	C	2.00	0.049	7.0	0.7	21.8	11.5	64.0	0.4	241
Eureka North	2011	11AN3192	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610129	7045855	30	C	0.25	0.049	5.6	0.6	22.2	12.3	71.0	0.4	270
Eureka North	2011	11AN3193	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610176	7045872	40	C	0.90	0.049	7.6	0.7	16.7	11.0	62.0	0.4	167
Eureka North	2011	11AN3194	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610223	7045888	40	C	1.90	0.049	7.5	0.9	18.4	11.2	62.0	0.4	243
Eureka North	2011	11AN3195	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610276	7045906	40	C	3.10	0.100	4.2	1.0	20.1	17.6	38.0	0.3	187
Eureka North	2011	11AN3196	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610320	7045910	40	C	0.25	0.049	4.0	0.7	16.0	10.9	60.0	0.3	164
Eureka North	2011	11AN3197	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610370	7045914	40	C	1.30	0.049	7.3	0.7	17.5	10.4	59.0	0.4	226
Eureka North	2011	11AN3198	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610420	7045919	40	C	1.00	0.049	10.2	0.9	18.8	10.5	65.0	0.5	163
Eureka North	2011	11AN3199	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610469	7045924	50	C	0.70	0.049	4.2	0.5	22.4	6.9	67.0	0.3	425
Eureka North	2011	11AN3200	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610520	7045929	40	C	1.80	0.049	5.8	0.8	13.9	7.9	61.0	0.3	164
Eureka North	2011	11AN3201	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610569	7045934	50	C	0.70	0.049	4.9	0.5	21.9	9.6	75.0	0.3	369
Eureka North	2011	11AN3202	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610619	7045939	40	C	0.25	0.049	6.4	0.9	14.4	10.8	65.0	0.5	231
Eureka North	2011	11AN3203	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610669	7045943	50	C	1.40	0.049	11.7	1.0	22.1	9.8	64.0	0.5	296
Eureka North	2011	11AN3204	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610718	7045948	50	C	0.25	0.049	6.8	1.1	22.2	6.3	89.0	0.3	295
Eureka North	2011	11AN3205	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610768	7045953	50	C	0.25	0.049	5.3	0.7	18.9	7.1	76.0	0.3	508
Eureka North	2011	11AN3206	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610818	7045958	50	C	2.40	0.049	7.6	0.8	17.4	9.5	68.0	0.5	376
Eureka North	2011	11AN3207	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610868	7045963	50	C	0.25	0.049	9.3	1.0	14.1	12.1	46.0	0.5	240
Eureka North	2011	11AN3208	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610917	7045967	50	C	1.20	0.049	7.4	0.8	12.2	13.4	72.0	1.1	223
Eureka North	2011	11AN3209	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610968	7045972	50	C	2.00	0.049	7.6	0.5	15.1	10.0	41.0	0.4	195
Eureka North	2011	11CB3184	Carl Berg	Soil	ACME	WHI11001439	1DX15	609713	7046252	30	C	3.10	0.049	6.0	0.5	19.0	7.1	66.0	0.3	300
Eureka North	2011	11CB3185	Carl Berg	Soil	ACME	WHI11001439	1DX15	609756	7046279	30	C	1.80	0.200	4.3	1.0	18.7	7.9	52.0	0.3	209
Eureka North	2011	11CB3186	Carl Berg	Soil	ACME	WHI11001439	1DX15	609798	7046306	30	C	1.70	0.049	4.8	0.6	19.1	6.1	66.0	0.4	306
Eureka North	2011	11CB3187	Carl Berg	Soil	ACME	WHI11001439	1DX15	609840	7046330	30	C	1.50	0.049	4.4	0.4	15.9	6.4	61.0	0.3	252
Eureka North	2011	11CB3188	Carl Berg	Soil	ACME	WHI11001439	1DX15	609883	7046354	30	C	1.50	0.100	4.6	0.4	16.9	6.9	64.0	0.3	297
Eureka North	2011	11CB3189	Carl Berg	Soil	ACME	WHI11001439	1DX15	609925	7046381	30	C	1.60	0.100	4.6	0.6	12.5	6.7	68.0	0.3	235
Eureka North	2011	11CB3190	Carl Berg	Soil	ACME	WHI11001439	1DX15	609968	7046407	0	C	3.50	0.200	5.5	0.6	15.8	8.2	62.0	0.3	230
Eureka North	2011	11CB3191	Carl Berg	Soil	ACME	WHI11001439	1DX15	610012	7046440	30	C	1.20	0.100	4.0	0.5	14.5	6.1	66.0	0.3	246
Eureka North	2011	11CB3192	Carl Berg	Soil	ACME	WHI11001439	1DX15	610054	7046465	30	C	2.80	0.200	3.6	0.5	19.2	6.0	66.0	0.2	331
Eureka North	2011	11CB3193	Carl Berg	Soil	ACME	WHI11001439	1DX15	610093	7046487	30	C	2.10	0.300	3.7	0.6	22.7	7.5	57.0	0.4	443
Eureka North	2011	11CB3194	Carl Berg	Soil	ACME	WHI11001439	1DX15	610138	7046516	30	C	0.25	0.200	3.7	0.5	14.2	7.0	59.0	0.6	356
Eureka North	2011	11CB3195	Carl Berg	Soil	ACME	WHI11001439	1DX15	610181	7046543	40	C	3.00	0.100	3.8	0.6	12.9	6.7	58.0	0.4	285
Eureka North	2011	11CB3196	Carl Berg	Soil	ACME	WHI11001439	1DX15	610226	7046566	40	C	2.60	0.200	3.8	0.6	14.7	8.0	58.0	0.5	533
Eureka North	2011	11CB3197	Carl Berg	Soil	ACME	WHI11001439	1DX15	610269	7046585	30	C	1.90	0.100	4.3	0.7	16.9	7.1	58.0	0.3	389
Eureka North	2011	11CB3198	Carl Berg	Soil	ACME	WHI11001439	1DX15	610317	7046611	30	C	1.60	0.049	4.4	0.6	20.3	6.5	83.0	0.4	420
Eureka North	2011	11CB3199	Carl Berg	Soil	ACME	WHI11001439	1DX15	610357	7046629	30	C	3.50	0.300	4.1	1.3	19.3	7.9	76.0	0.8	474

Area	Year	Sample No.	Sampler	Type	Lab	Cert_ID	Method	E UTM83Z07	N UTM83Z07	Depth	Horizon	Au ppb	Ag ppm	As ppm	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Ba ppm
Eureka North	2011	11CB3200	Carl Berg	Soil	ACME	WHI11001439	1DX15	610407	7046660	40	C	1.50	0.049	5.1	0.8	16.6	6.9	62.0	0.3	365
Eureka North	2011	11CB3202	Carl Berg	Soil	ACME	WHI11001439	1DX15	610449	7046680	30	C	3.40	0.049	5.9	0.7	15.7	7.4	65.0	0.4	240
Eureka North	2011	11CB3203	Carl Berg	Soil	ACME	WHI11001439	1DX15	610493	7046700	40	C	0.90	0.100	3.9	0.6	15.4	7.9	49.0	0.6	291
Eureka North	2011	11CB3204	Carl Berg	Soil	ACME	WHI11001439	1DX15	610537	7046722	30	C	1.70	0.200	3.4	0.3	18.6	7.3	76.0	2.1	535
Eureka North	2011	11CB3205	Carl Berg	Soil	ACME	WHI11001439	1DX15	610577	7046747	40	C	2.00	0.049	4.0	0.8	28.1	7.8	91.0	0.3	492
Eureka North	2011	11CB3206	Carl Berg	Soil	ACME	WHI11001439	1DX15	610627	7046770	40	C	2.70	0.049	5.9	0.5	11.4	6.9	72.0	0.3	274
Eureka North	2011	11CB3207	Carl Berg	Soil	ACME	WHI11001439	1DX15	610677	7046792	40	C	2.00	0.049	4.8	0.6	11.2	8.6	37.0	0.5	225
Eureka North	2011	11CB3208	Carl Berg	Soil	ACME	WHI11001439	1DX15	610719	7046790	40	C	2.30	0.049	4.2	0.5	17.4	6.4	58.0	0.4	540
Eureka North	2011	11CB3209	Carl Berg	Soil	ACME	WHI11001439	1DX15	610771	7046785	30	C	2.10	0.049	6.4	0.6	13.6	7.9	60.0	0.4	301
Eureka North	2011	11CB3210	Carl Berg	Soil	ACME	WHI11001439	1DX15	610822	7046783	30	C	1.10	0.049	7.1	0.2	13.6	3.0	28.0	0.3	75
Eureka North	2011	11CB3211	Carl Berg	Soil	ACME	WHI11001439	1DX15	610875	7046781	30	C	3.10	0.049	5.8	0.4	15.1	7.0	46.0	0.3	286
Eureka North	2011	11CB3212	Carl Berg	Soil	ACME	WHI11001439	1DX15	610924	7046782	40	C	3.20	0.049	4.5	0.4	16.8	5.9	69.0	0.3	433
Eureka North	2011	11CB3213	Carl Berg	Soil	ACME	WHI11001439	1DX15	610970	7046778	30	C	3.90	0.049	4.8	0.4	17.6	5.9	65.0	0.3	416
Eureka North	2011	11MS3182	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608651	7047190	50	C	3.90	0.100	4.6	0.6	26.1	48.2	81.0	0.4	341
Eureka North	2011	11MS3183	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608669	7047172	50	C	5.40	0.200	6.2	0.7	29.4	25.5	81.0	0.5	238
Eureka North	2011	11MS3184	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608675	7047147	90	C	7.60	0.400	2.6	0.3	58.3	5.7	28.0	0.2	199
Eureka North	2011	11MS3185	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608682	7047123	40	C	5.30	0.100	18.0	0.8	25.8	15.5	69.0	1.5	211
Eureka North	2011	11MS3187	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608695	7047075	50	C	12.70	0.200	174.1	2.0	23.1	27.3	56.0	14.8	135
Eureka North	2011	11MS3188	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608702	7047051	40	C	5.00	0.200	76.0	2.4	31.7	17.2	58.0	7.4	185
Eureka North	2011	11MS3189	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608708	7047027	50	C	6.80	0.400	102.0	4.0	32.2	32.5	63.0	11.3	168
Eureka North	2011	11MS3190	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608714	7047002	30	C	5.20	0.200	33.9	1.3	33.7	15.6	38.0	4.2	112
Eureka North	2011	11MS3191	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608720	7046978	30	C	5.40	0.200	24.7	1.6	26.3	23.4	75.0	2.0	172
Eureka North	2011	11MS3192	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608726	7046954	30	C	4.60	0.200	16.4	1.1	20.1	13.7	54.0	1.7	182
Eureka North	2011	11MS3193	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608732	7046930	30	B	7.70	0.200	47.9	1.8	17.1	20.3	58.0	4.4	233
Eureka North	2011	11MS3194	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608738	7046905	20	B	6.40	0.200	77.4	1.7	23.0	15.6	55.0	5.8	176
Eureka North	2011	11MS3195	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608725	7046884	30	B	4.70	0.100	34.7	1.2	18.2	11.1	50.0	2.9	162
Eureka North	2011	11MS3196	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608712	7046862	30	C	3.00	0.200	73.5	2.4	24.1	14.6	46.0	11.2	141
Eureka North	2011	11MS3197	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608699	7046841	30	C	5.10	0.200	167.5	1.9	43.3	13.3	61.0	18.4	151
Eureka North	2011	11MS3198	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608687	7046819	40	C	6.50	0.300	19.1	1.4	53.2	16.3	69.0	1.6	249
Eureka North	2011	11MS3199	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608674	7046798	40	C	6.30	0.200	13.5	1.2	47.0	14.6	72.0	2.3	230
Eureka North	2011	11MS3200	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608661	7046776	40	C	6.80	0.200	15.4	1.0	36.4	17.6	69.0	1.9	219
Eureka North	2011	11MS3202	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608648	7046755	40	C	5.10	0.100	16.9	1.4	29.4	34.3	53.0	2.1	203
Eureka North	2011	11MS3203	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608630	7046732	30	C	6.30	0.200	16.2	1.3	50.6	11.2	68.0	1.6	189
Eureka North	2011	11MS3205	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608609	7046691	40	B	4.60	0.200	13.3	1.2	43.5	10.9	63.0	1.4	215
Eureka North	2011	11MS3206	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608595	7046665	60	C	5.90	0.300	14.3	3.4	95.6	15.7	75.0	1.4	245
Eureka North	2011	11MS3207	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608584	7046648	40	C	1.50	0.100	4.1	2.8	113.3	8.1	90.0	0.3	231
Eureka North	2011	11MS3208	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608570	7046623	30	C	3.10	0.300	9.7	5.3	71.9	12.8	86.0	1.1	376
Eureka North	2011	11MS3209	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608554	7046604	40	C	5.40	0.100	41.5	1.3	33.4	12.1	67.0	14.7	191
Eureka North	2011	11MS3210	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608547	7046591	0		7.40	0.100	155.8	1.9	42.5	14.7	156.0	4.2	477
Eureka North	2011	11MS3211	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608533	7046562	30	B	4.60	0.200	16.1	1.4	18.9	12.1	71.0	0.9	227
Eureka North	2011	11MS3212	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	608516	7046541	30	B	8.20	0.300	39.6	1.9	33.2	12.4	69.0	3.1	192
Eureka North	2011	11YM3168	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608785	7046887	40	B	5.90	0.200	42.4	1.6	33.0	15.2	58.0	3.2	235
Eureka North	2011	11YM3169	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608831	7046874	40	B	16.60	0.200	20.3	1.9	24.8	39.2	75.0	1.4	185
Eureka North	2011	11YM3170	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608882	7046856	40	B	4.10	0.200	20.6	1.5	26.0	18.9	76.0	1.6	199
Eureka North	2011	11YM3171	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608925	7046841	40	B	5.60	0.200	27.7	1.4	28.2	18.0	71.0	1.8	173
Eureka North	2011	11YM3172	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	608970	7046823	60	B	6.10	0.300	13.5	1.3	23.2	16.7	73.0	0.9	215

Area	Year	Sample No.	Sampler	Type	Lab	Cert_ID	Method	E UTM83Z07	N UTM83Z07	Depth	Horizon	Au ppb	Ag ppm	As ppm	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Ba ppm
Eureka North	2011	11YM3173	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609023	7046805	60	B	3.70	0.200	7.4	1.1	20.3	19.0	83.0	0.4	260
Eureka North	2011	11YM3174	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609067	7046786	40	B	3.90	0.100	9.8	1.0	17.5	16.4	69.0	0.6	161
Eureka North	2011	11YM3175	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609118	7046774	80	B	14.20	0.100	8.2	0.9	18.8	22.5	77.0	0.5	235
Eureka North	2011	11YM3176	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609165	7046762	50	B	4.20	0.200	9.5	1.1	22.9	20.0	73.0	0.6	230
Eureka North	2011	11YM3177	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609258	7046726	80	B	4.30	0.100	8.2	0.7	15.9	13.3	55.0	0.5	165
Eureka North	2011	11YM3178	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609291	7046689	60	B	2.30	0.100	7.1	0.6	19.6	12.3	60.0	0.5	178
Eureka North	2011	11YM3179	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609318	7046649	70	C	3.80	0.100	6.1	0.7	19.1	11.5	60.0	0.4	165
Eureka North	2011	11YM3180	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609353	7046610	60	B	3.20	0.100	5.8	0.7	40.4	9.5	63.0	0.4	185
Eureka North	2011	11YM3181	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609385	7046571	50	C	3.60	0.100	3.7	0.6	74.6	6.7	58.0	0.3	217
Eureka North	2011	11YM3182	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609417	7046538	50	C	3.40	0.100	6.7	0.8	22.7	7.9	73.0	0.3	439
Eureka North	2011	11YM3183	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609447	7046495	50	B	4.50	0.049	7.1	0.7	17.5	8.7	75.0	0.4	216
Eureka North	2011	11YM3184	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609474	7046454	40	B	11.40	0.100	6.1	0.7	22.5	8.4	74.0	0.4	245
Eureka North	2011	11YM3185	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609509	7046413	50	B	3.10	0.049	5.6	0.6	18.3	10.5	65.0	0.3	220
Eureka North	2011	11YM3186	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609541	7046375	40	B	2.20	0.049	5.6	0.6	11.5	10.4	50.0	0.3	152
Eureka North	2011	11YM3187	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609573	7046336	30	B	2.40	0.049	4.6	0.7	12.4	17.5	87.0	0.3	251
Eureka North	2011	11YM3188	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609609	7046299	30	B	1.10	0.049	6.8	0.7	9.5	8.1	57.0	0.3	207
Eureka North	2011	11YM3189	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609630	7046261	30	B	2.30	0.049	4.9	0.5	12.5	6.6	58.0	0.2	275
Eureka North	2011	11YM3190	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609670	7046220	30	C	4.60	0.049	6.2	0.7	19.0	8.7	72.0	0.4	380
Eureka North	2011	11YM3191	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609700	7046176	40	B	2.40	0.049	4.6	0.6	18.9	5.7	67.0	0.3	243
Eureka North	2011	11YM3192	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609721	7046135	40	B	5.00	0.049	7.5	0.9	23.1	8.0	67.0	0.5	222
Eureka North	2011	11YM3193	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609745	7046086	40	AH	4.00	0.049	6.0	0.7	18.5	8.1	70.0	0.3	205
Eureka North	2011	11YM3194	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609767	7046052	40	C	2.60	0.049	6.5	0.8	20.0	8.6	61.0	0.4	185
Eureka North	2011	11YM3195	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609787	7046006	50	C	1.80	0.300	6.7	0.5	32.0	10.1	60.0	0.2	223
Eureka North	2011	11YM3196	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609786	7046005	40	C	1.10	0.200	7.6	0.6	25.8	9.8	67.0	0.2	219
Eureka North	2011	11AN3210	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610414	7044786	40	C	0.25	0.049	5.3	0.6	30.2	9.0	81.0	0.3	754
Eureka North	2011	11AN3211	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610435	7044741	50	C	3.40	0.049	4.5	0.6	24.7	13.7	89.0	0.9	516
Eureka North	2011	11AN3212	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610456	7044696	50	C	0.25	0.049	5.4	0.4	13.5	11.4	64.0	0.3	301
Eureka North	2011	11AN3214	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610498	7044605	50	C	1.10	0.049	7.9	0.8	15.4	9.2	62.0	0.4	273
Eureka North	2011	11AN3215	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610520	7044560	40	C	1.90	0.049	6.5	0.5	16.9	8.3	70.0	0.4	251
Eureka North	2011	11AN3216	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610540	7044514	40	C	1.80	0.049	3.7	0.4	15.0	5.4	61.0	0.2	289
Eureka North	2011	11AN3217	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610582	7044486	50	C	2.40	0.049	6.4	0.8	19.0	7.9	66.0	0.5	290
Eureka North	2011	11AN3218	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610624	7044458	60	C	2.00	0.049	7.8	0.8	15.7	8.4	68.0	0.5	194
Eureka North	2011	11AN3219	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610665	7044430	50	C	3.00	0.049	7.7	0.6	19.3	8.2	53.0	0.4	173
Eureka North	2011	11AN3220	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610707	7044403	40	C	3.80	0.049	7.3	0.8	11.8	9.1	73.0	0.6	195
Eureka North	2011	11AN3222	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610750	7044378	50	C	3.70	0.049	6.9	0.8	16.6	9.0	61.0	0.6	300
Eureka North	2011	11AN3223	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610790	7044347	50	C	2.30	0.049	8.5	0.8	13.9	9.1	49.0	0.4	183
Eureka North	2011	11AN3224	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610831	7044319	50	C	2.60	0.049	9.2	1.0	13.3	12.6	48.0	0.5	150
Eureka North	2011	11AN3225	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610872	7044291	40	C	1.40	0.049	3.3	0.5	14.6	8.5	146.0	0.7	964
Eureka North	2011	11AN3226	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610914	7044263	40	C	0.90	0.049	8.9	1.1	19.9	9.8	59.0	0.5	197
Eureka North	2011	11AN3227	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610955	7044235	30	C	0.80	0.100	7.2	1.0	54.9	7.4	57.0	0.5	331
Eureka North	2011	11AN3228	Axel Nordling	Soil	ACME	WHI11001441	1DX15	610997	7044207	40	C	5.50	0.049	9.8	1.0	21.6	10.3	60.0	0.7	255
Eureka North	2011	11AN3229	Axel Nordling	Soil	ACME	WHI11001441	1DX15	611019	7044163	50	C	1.80	0.049	6.6	1.1	17.9	11.4	66.0	5.2	163
Eureka North	2011	11CB3214	Carl Berg	Soil	ACME	WHI11001439	1DX15	610037	7045314	30	C	0.90	0.049	5.6	0.6	18.9	10.4	86.0	0.5	213
Eureka North	2011	11CB3215	Carl Berg	Soil	ACME	WHI11001439	1DX15	610014	7045354	30	C	2.10	0.049	7.3	0.6	17.7	8.6	64.0	0.5	262
Eureka North	2011	11CB3216	Carl Berg	Soil	ACME	WHI11001439	1DX15	609993	7045404	30	C	3.40	0.049	7.6	0.7	16.3	8.9	58.0	0.5	205
Eureka North	2011	11CB3217	Carl Berg	Soil	ACME	WHI11001439	1DX15	609969	7045450	30	C	3.00	0.049	6.6	0.9	13.0	9.1	53.0	0.4	163

Area	Year	Sample No.	Sampler	Type	Lab	Cert_ID	Method	E UTM83Z07	N UTM83Z07	Depth	Horizon	Au ppb	Ag ppm	As ppm	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Ba ppm
Eureka North	2011	11CB3218	Carl Berg	Soil	ACME	WHI11001439	1DX15	609942	7045486	40	C	3.70	0.049	7.1	0.8	14.3	9.8	59.0	0.4	188
Eureka North	2011	11CB3219	Carl Berg	Soil	ACME	WHI11001439	1DX15	609921	7045534	40	C	4.00	0.049	7.7	0.8	15.8	8.9	60.0	0.3	186
Eureka North	2011	11CB3220	Carl Berg	Soil	ACME	WHI11001439	1DX15	609892	7045581	30	C	2.40	0.049	7.3	0.7	18.3	9.2	59.0	0.4	316
Eureka North	2011	11CB3222	Carl Berg	Soil	ACME	WHI11001439	1DX15	609869	7045623	40	C	1.80	0.049	9.3	0.8	14.9	8.3	49.0	0.5	183
Eureka North	2011	11CB3223	Carl Berg	Soil	ACME	WHI11001439	1DX15	609806	7045632	30	C	4.50	0.049	4.6	0.5	15.4	6.5	67.0	0.3	224
Eureka North	2011	11CB3224	Carl Berg	Soil	ACME	WHI11001439	1DX15	609772	7045594	40	C	0.70	0.049	6.2	0.7	16.8	7.6	43.0	0.3	197
Eureka North	2011	11CB3225	Carl Berg	Soil	ACME	WHI11001439	1DX15	609739	7045564	40	C	1.00	0.049	7.7	0.9	14.6	8.1	47.0	0.4	201
Eureka North	2011	11CB3226	Carl Berg	Soil	ACME	WHI11001439	1DX15	609701	7045526	30	C	3.00	0.049	7.3	0.6	18.7	7.8	61.0	0.4	266
Eureka North	2011	11CB3227	Carl Berg	Soil	ACME	WHI11001439	1DX15	609666	7045490	30	C	1.20	0.049	4.4	0.8	12.2	10.2	30.0	0.3	182
Eureka North	2011	11CB3228	Carl Berg	Soil	ACME	WHI11001439	1DX15	609634	7045456	40	C	0.60	0.100	4.0	0.5	15.1	8.2	43.0	0.3	439
Eureka North	2011	11CB3229	Carl Berg	Soil	ACME	WHI11001439	1DX15	609593	7045417	40	C	4.00	0.049	6.1	0.7	20.9	8.3	67.0	0.3	344
Eureka North	2011	11CB3230	Carl Berg	Soil	ACME	WHI11001439	1DX15	609557	7045385	30	C	0.50	0.049	7.1	0.7	15.6	9.3	60.0	0.4	289
Eureka North	2011	11CB3231	Carl Berg	Soil	ACME	WHI11001439	1DX15	609526	7045349	30	C	1.20	0.049	5.5	0.6	14.7	7.2	78.0	0.3	305
Eureka North	2011	11CB3232	Carl Berg	Soil	ACME	WHI11001439	1DX15	609486	7045308	30	C	0.80	0.049	7.9	0.7	20.6	6.6	68.0	0.3	311
Eureka North	2011	11CB3233	Carl Berg	Soil	ACME	WHI11001439	1DX15	609455	7045276	30	C	2.50	0.049	6.4	0.7	13.4	7.0	50.0	0.3	160
Eureka North	2011	11CB3234	Carl Berg	Soil	ACME	WHI11001439	1DX15	609420	7045241	30	C	0.25	0.049	6.1	0.8	14.5	7.7	64.0	0.3	267
Eureka North	2011	11CB3235	Carl Berg	Soil	ACME	WHI11001439	1DX15	609387	7045203	40	C	1.70	0.049	8.0	0.6	19.1	8.5	46.0	0.4	142
Eureka North	2011	11CB3236	Carl Berg	Soil	ACME	WHI11001439	1DX15	609349	7045173	30	C	2.20	0.049	7.5	0.8	39.2	8.7	40.0	0.3	144
Eureka North	2011	11CB3237	Carl Berg	Soil	ACME	WHI11001439	1DX15	609311	7045144	30	C	2.30	0.200	8.0	0.9	13.5	8.7	55.0	0.4	168
Eureka North	2011	11CB3238	Carl Berg	Soil	ACME	WHI11001439	1DX15	609276	7045106	40	C	1.60	0.049	8.4	0.8	31.0	8.6	50.0	0.3	132
Eureka North	2011	11MS3213	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610064	7045271	30	C	1.70	0.049	7.2	0.8	18.3	10.1	56.0	0.3	247
Eureka North	2011	11MS3214	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610089	7045228	40	B	2.40	0.049	6.0	0.8	8.4	10.1	34.0	0.2	269
Eureka North	2011	11MS3215	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610113	7045184	40	C	2.10	0.049	8.7	0.7	17.1	9.1	56.0	0.6	202
Eureka North	2011	11MS3216	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610138	7045140	50	C	2.60	0.049	8.3	0.6	16.8	10.3	51.0	0.4	221
Eureka North	2011	11MS3217	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610161	7045097	50	C	1.00	0.049	7.3	0.6	13.3	9.0	87.0	0.3	275
Eureka North	2011	11MS3218	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610193	7045058	40	C	1.40	0.049	8.8	1.0	14.4	12.7	62.0	0.5	189
Eureka North	2011	11MS3219	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610225	7045019	50	C	3.10	0.049	10.0	0.9	13.6	15.6	55.0	0.5	162
Eureka North	2011	11MS3220	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610257	7044980	40	C	2.90	0.049	8.2	1.0	11.3	13.1	46.0	0.5	141
Eureka North	2011	11MS3222	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610288	7044941	50	C	2.00	0.049	8.5	0.7	15.6	10.1	72.0	0.4	180
Eureka North	2011	11MS3223	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610316	7044907	60	C	2.20	0.049	7.2	0.6	19.0	7.7	37.0	0.6	164
Eureka North	2011	11MS3224	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610351	7044864	60	C	2.80	0.049	10.4	0.9	16.1	12.2	58.0	0.6	280
Eureka North	2011	11MS3225	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610382	7044825	40	C	2.70	0.049	12.1	0.9	21.0	11.3	58.0	0.7	214
Eureka North	2011	11MS3226	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610451	7044820	40	C	0.25	0.049	5.5	0.6	11.5	6.2	70.0	0.3	319
Eureka North	2011	11MS3227	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610488	7044853	80	C	1.40	0.049	4.4	0.4	82.8	9.0	39.0	0.2	274
Eureka North	2011	11MS3228	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610522	7044891	60	C	2.00	0.049	5.5	0.5	35.4	9.7	58.0	0.3	325
Eureka North	2011	11MS3229	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610559	7044916	70	C	4.00	0.100	6.2	0.7	27.9	10.2	62.0	0.4	312
Eureka North	2011	11MS3230	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610608	7044940	70	C	1.40	0.049	5.3	0.5	25.3	6.8	60.0	0.4	338
Eureka North	2011	11MS3231	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610655	7044959	60	C	3.70	0.200	7.7	0.8	23.3	11.1	60.0	0.3	273
Eureka North	2011	11MS3232	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610701	7044979	30	B	1.70	0.049	7.2	0.7	17.1	9.6	53.0	0.4	182
Eureka North	2011	11MS3233	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610746	7044999	30	B	1.20	0.100	6.9	0.7	18.5	10.6	69.0	0.3	294
Eureka North	2011	11MS3234	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610793	7045019	40	C	1.70	0.100	4.7	0.7	18.3	9.2	84.0	0.3	407
Eureka North	2011	11MS3235	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610838	7045038	40	C	0.80	0.049	6.2	0.4	17.0	8.9	83.0	0.5	277
Eureka North	2011	11MS3236	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610885	7045058	40	C	2.20	0.049	7.2	0.6	16.7	9.7	70.0	0.4	255
Eureka North	2011	11MS3237	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	610930	7045078	50	C	2.00	0.049	6.7	0.6	15.3	10.2	67.0	0.7	266
Eureka North	2011	11YM3197	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	610504	7044481	40	B	3.00	0.049	8.7	0.6	11.6	9.1	54.0	0.4	199
Eureka North	2011	11YM3198	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	610470	7044441	40	C	3.00	0.049	6.7	0.6	12.7	8.1	76.0	0.3	384

Area	Year	Sample No.	Sampler	Type	Lab	Cert_ID	Method	E UTM83Z07	N UTM83Z07	Depth	Horizon	Au ppb	Ag ppm	As ppm	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Ba ppm
Eureka North	2011	11YM3199	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	610437	7044404	30	B	2.30	0.049	4.5	0.5	15.1	6.0	79.0	0.2	344
Eureka North	2011	11YM3200	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	610404	7044369	40	B	8.70	0.049	6.2	0.6	17.7	9.1	74.0	0.3	273
Eureka North	2011	11YM3201	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	610368	7044332	50	C	11.10	0.049	7.9	1.0	34.0	36.5	91.0	0.4	236
Eureka North	2011	11YM3202	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	610330	7044299	60	C	8.20	0.049	8.2	0.8	43.1	9.1	52.0	0.5	214
Eureka North	2011	11YM3203	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	610303	7044263	50	C	3.20	0.049	10.5	0.8	26.1	9.7	57.0	0.5	173
Eureka North	2011	11YM3204	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	610251	7044241	50	C	3.70	0.100	7.9	0.9	36.5	9.4	81.0	0.5	161
Eureka North	2011	11YM3205	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	610212	7044219	40	B	1.90	0.200	7.8	0.9	16.7	12.7	71.0	0.4	163
Eureka North	2011	11YM3206	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	610161	7044206	50	C	4.10	0.049	5.1	0.5	19.9	12.5	59.0	0.4	141
Eureka North	2011	11YM3207	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	610108	7044190	40	B	1.90	0.049	10.8	1.1	23.6	13.8	73.0	0.6	168
Eureka North	2011	11YM3208	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	610066	7044171	50	C	2.60	0.049	5.3	0.7	16.5	16.7	50.0	0.4	139
Eureka North	2011	11YM3209	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	610019	7044150	50	C	3.30	0.049	7.4	0.9	17.2	11.4	50.0	0.4	150
Eureka North	2011	11YM3210	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609971	7044129	40	C	4.10	0.049	9.2	0.8	18.4	15.4	56.0	0.5	277
Eureka North	2011	11YM3211	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609928	7044111	40	B	4.30	0.100	10.8	0.9	14.7	16.6	50.0	0.5	139
Eureka North	2011	11YM3212	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609876	7044099	50	C	9.00	0.049	9.4	0.9	18.9	22.7	60.0	0.5	259
Eureka North	2011	11YM3213	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609834	7044070	50	C	3.00	0.100	6.6	0.7	16.2	15.6	56.0	0.5	155
Eureka North	2011	11YM3214	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609785	7044052	40	C	2.00	0.049	5.5	0.7	14.0	11.6	61.0	0.3	133
Eureka North	2011	11YM3215	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	609742	7044038	60	C	1.20	0.049	5.8	0.5	20.7	11.6	66.0	0.3	230
Eureka South	2011	11AN3230	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613086	7041689	50	C	2.40	0.049	9.0	1.3	10.4	9.6	40.0	0.9	175
Eureka South	2011	11AN3231	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613106	7041675	40	C	2.10	0.049	11.5	0.9	20.5	8.9	44.0	1.0	232
Eureka South	2011	11AN3232	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613127	7041661	50	C	3.90	0.049	18.4	0.9	22.7	9.5	43.0	1.7	178
Eureka South	2011	11AN3233	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613148	7041647	50	C	2.60	0.049	18.9	0.9	18.2	8.2	41.0	1.7	184
Eureka South	2011	11AN3234	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613169	7041633	50	C	2.40	0.049	9.4	1.7	14.4	9.5	47.0	1.2	226
Eureka South	2011	11AN3235	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613189	7041620	50	C	2.70	0.049	7.9	0.9	13.4	8.8	39.0	0.7	190
Eureka South	2011	11AN3236	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613210	7041606	50	C	2.50	0.049	9.5	1.0	10.6	11.0	45.0	0.5	155
Eureka South	2011	11AN3237	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613231	7041592	40	C	1.70	0.049	6.0	0.7	7.6	6.1	30.0	0.8	112
Eureka South	2011	11AN3238	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613252	7041578	50	C	3.40	0.100	9.0	0.8	12.2	8.3	44.0	0.6	105
Eureka South	2011	11AN3239	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613272	7041564	50	C	1.40	0.049	7.8	0.7	17.2	7.6	41.0	0.6	149
Eureka South	2011	11AN3240	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613293	7041550	50	C	2.10	0.049	7.7	0.6	16.7	7.8	41.0	0.5	191
Eureka South	2011	11AN3242	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613314	7041536	50	C	0.25	0.049	3.8	0.6	9.1	4.0	22.0	0.2	171
Eureka South	2011	11AN3243	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613335	7041522	50	C	0.60	0.049	3.5	0.5	5.8	6.0	32.0	0.3	194
Eureka South	2011	11AN3244	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613355	7041508	50	C	0.80	0.049	5.4	0.9	7.7	7.5	34.0	0.5	149
Eureka South	2011	11AN3245	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613376	7041494	50	C	1.10	0.049	7.4	1.0	8.5	9.0	37.0	0.5	159
Eureka South	2011	11AN3246	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613397	7041480	50	C	2.40	0.049	10.0	0.8	12.6	10.6	51.0	0.5	224
Eureka South	2011	11AN3247	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613418	7041466	50	C	5.90	0.049	8.4	0.8	12.2	10.7	41.0	0.6	166
Eureka South	2011	11AN3248	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613438	7041452	50	C	0.60	0.049	4.3	0.4	10.4	4.3	27.0	0.6	100
Eureka South	2011	11AN3249	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613459	7041438	50	C	1.30	0.049	6.3	0.6	15.1	7.1	52.0	0.5	142
Eureka South	2011	11AN3250	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613480	7041424	50	C	1.10	0.049	2.7	0.4	9.5	7.0	42.0	0.4	282
Eureka South	2011	11AN3251	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613501	7041410	50	C	6.30	0.049	3.2	0.5	7.0	5.3	36.0	0.4	139
Eureka South	2011	11AN3252	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613521	7041396	70	C	7.90	0.049	5.6	0.8	12.6	9.1	45.0	0.5	153
Eureka South	2011	11AN3253	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613542	7041382	50	C	5.90	0.049	5.4	0.8	14.5	7.1	41.0	0.7	138
Eureka South	2011	11AN3254	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613563	7041368	50	C	2.10	0.049	4.6	0.7	13.2	6.3	37.0	0.7	114
Eureka South	2011	11AN3255	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613584	7041354	60	C	1.30	0.049	4.7	0.7	11.9	7.4	39.0	0.7	133
Eureka South	2011	11AN3256	Axel Nordling	Soil	ACME	WHI11001441	1DX15	613609	7041337	60	C	0.60	0.049	2.7	0.6	10.8	4.7	35.0	0.6	169
Eureka South	2011	11CB3239	Carl Berg	Soil	ACME	WHI11001439	1DX15	612198	7042521	30	C	0.25	0.049	4.6	0.6	10.1	4.4	26.0	0.4	82
Eureka South	2011	11CB3242	Carl Berg	Soil	ACME	WHI11001439	1DX15	612237	7042499	40	C	2.30	0.049	5.5	0.7	15.8	5.9	33.0	0.6	160
Eureka South	2011	11CB3243	Carl Berg	Soil	ACME	WHI11001439	1DX15	612253	7042476	30	C	0.80	0.100	4.6	0.6	17.2	5.5	44.0	0.4	211

Area	Year	Sample No.	Sampler	Type	Lab	Cert_ID	Method	E UTM83Z07	N UTM83Z07	Depth	Horizon	Au ppb	Ag ppm	As ppm	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Ba ppm
Eureka South	2011	11CB3244	Carl Berg	Soil	ACME	WHI11001439	1DX15	612266	7042460	40	C	3.40	0.100	5.2	0.7	13.5	6.1	38.0	0.4	213
Eureka South	2011	11CB3245	Carl Berg	Soil	ACME	WHI11001439	1DX15	612288	7042439	30	C	1.70	0.049	4.8	0.6	14.3	5.2	32.0	0.4	161
Eureka South	2011	11CB3246	Carl Berg	Soil	ACME	WHI11001439	1DX15	612302	7042424	30	C	1.80	0.049	5.9	0.6	15.6	5.5	39.0	0.3	185
Eureka South	2011	11CB3247	Carl Berg	Soil	ACME	WHI11001439	1DX15	612322	7042404	40	C	0.70	0.049	3.6	0.5	9.8	4.9	29.0	0.5	109
Eureka South	2011	11CB3248	Carl Berg	Soil	ACME	WHI11001439	1DX15	612339	7042386	30	C	0.25	0.049	3.6	0.6	8.6	3.8	25.0	0.5	92
Eureka South	2011	11CB3249	Carl Berg	Soil	ACME	WHI11001439	1DX15	612357	7042368	40	C	0.25	0.049	3.6	0.6	8.5	3.7	25.0	0.5	89
Eureka South	2011	11CB3250	Carl Berg	Soil	ACME	WHI11001439	1DX15	612375	7042347	30	C	0.90	0.049	3.5	0.9	9.4	4.0	30.0	0.8	173
Eureka South	2011	11CB3251	Carl Berg	Soil	ACME	WHI11001439	1DX15	612393	7042334	30	C	4.50	0.049	5.1	0.6	11.3	6.2	44.0	0.5	150
Eureka South	2011	11CB3252	Carl Berg	Soil	ACME	WHI11001439	1DX15	612406	7042313	30	C	1.80	0.049	5.8	0.7	15.6	7.1	51.0	0.6	281
Eureka South	2011	11CB3253	Carl Berg	Soil	ACME	WHI11001439	1DX15	612426	7042300	40	C	2.60	0.049	5.3	0.6	20.0	6.9	53.0	0.6	271
Eureka South	2011	11CB3254	Carl Berg	Soil	ACME	WHI11001439	1DX15	612444	7042277	30	C	3.40	0.049	6.1	0.6	18.2	6.8	57.0	0.8	281
Eureka South	2011	11CB3255	Carl Berg	Soil	ACME	WHI11001439	1DX15	612462	7042263	50	C	3.10	0.049	7.4	0.9	15.2	7.4	52.0	0.7	277
Eureka South	2011	11CB3256	Carl Berg	Soil	ACME	WHI11001439	1DX15	612478	7042241	60	C	5.10	0.049	8.1	0.9	14.2	8.5	46.0	1.0	357
Eureka South	2011	11CB3257	Carl Berg	Soil	ACME	WHI11001439	1DX15	612496	7042224	30	C	0.25	0.200	15.4	1.7	31.6	13.7	49.0	1.3	795
Eureka South	2011	11CB3258	Carl Berg	Soil	ACME	WHI11001439	1DX15	612515	7042204	30	C	0.25	0.049	19.0	1.0	10.0	5.5	38.0	2.1	265
Eureka South	2011	11CB3259	Carl Berg	Soil	ACME	WHI11001439	1DX15	612534	7042188	30	C	0.25	0.049	35.5	1.2	10.6	6.5	45.0	6.2	270
Eureka South	2011	11CB3260	Carl Berg	Soil	ACME	WHI11001439	1DX15	612548	7042171	30	C	0.25	0.049	35.1	1.4	10.7	6.5	42.0	5.9	255
Eureka South	2011	11CB3261	Carl Berg	Soil	ACME	WHI11001439	1DX15	612565	7042153	50	C	0.25	0.049	33.1	1.2	10.6	6.2	40.0	5.4	248
Eureka South	2011	11CB3262	Carl Berg	Soil	ACME	WHI11001439	1DX15	612583	7042135	40	C	2.40	0.049	33.5	1.4	11.3	7.2	44.0	5.3	271
Eureka South	2011	11CB3263	Carl Berg	Soil	ACME	WHI11001439	1DX15	612600	7042117	30	C	0.25	0.049	32.2	1.4	13.6	7.7	49.0	4.1	336
Eureka South	2011	11CB3264	Carl Berg	Soil	ACME	WHI11001439	1DX15	612618	7042099	40	C	1.90	0.049	31.6	1.4	12.3	8.1	47.0	4.1	348
Eureka South	2011	11CB3265	Carl Berg	Soil	ACME	WHI11001439	1DX15	612635	7042079	30	C	0.25	0.049	5.6	1.1	8.5	7.4	38.0	0.7	132
Eureka South	2011	11MS3238	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613065	7041703	40	C	1.60	0.049	6.5	0.8	10.0	8.4	40.0	1.0	151
Eureka South	2011	11MS3239	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613044	7041717	30	B	0.80	0.049	5.2	0.6	9.3	6.1	37.0	0.6	134
Eureka South	2011	11MS3240	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613023	7041731	40	B	1.30	0.049	5.3	0.6	7.4	6.3	36.0	1.1	192
Eureka South	2011	11MS3242	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	613002	7041745	50	C	2.60	0.049	5.1	0.7	8.0	6.5	31.0	0.7	166
Eureka South	2011	11MS3243	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612982	7041759	40	C	5.40	0.049	6.2	1.0	10.3	8.6	37.0	0.6	214
Eureka South	2011	11MS3244	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612961	7041773	50	C	1.10	0.049	6.2	0.8	8.7	7.6	38.0	0.8	190
Eureka South	2011	11MS3245	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612940	7041787	50	B	4.90	0.200	8.0	1.2	15.4	12.6	46.0	0.8	231
Eureka South	2011	11MS3246	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612919	7041801	60	C	1.90	0.049	4.8	0.8	18.4	7.3	50.0	1.2	252
Eureka South	2011	11MS3247	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612899	7041815	50	C	2.20	0.049	3.8	0.6	9.5	6.2	48.0	1.7	157
Eureka South	2011	11MS3248	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612878	7041829	40	C	1.40	0.049	6.3	1.0	9.9	9.0	47.0	0.8	173
Eureka South	2011	11MS3249	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612857	7041848	50	C	1.40	0.049	6.2	1.0	10.0	8.3	48.0	1.1	163
Eureka South	2011	11MS3250	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612844	7041865	40	C	1.80	0.049	6.0	1.7	11.1	10.1	46.0	1.0	180
Eureka South	2011	11MS3251	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612826	7041883	40	C	2.70	0.049	6.5	1.7	13.4	10.9	54.0	0.7	207
Eureka South	2011	11MS3252	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612809	7041901	40	B	1.40	0.049	7.1	2.3	10.7	9.9	52.0	0.7	163
Eureka South	2011	11MS3253	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612776	7041940	20	B	0.50	0.049	3.8	1.3	9.9	10.6	58.0	0.7	219
Eureka South	2011	11MS3254	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612757	7041955	40	C	0.25	0.049	4.9	1.1	8.4	8.4	54.0	0.8	134
Eureka South	2011	11MS3255	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612739	7041973	60	C	1.20	0.049	5.0	0.9	11.3	8.2	52.0	0.8	195
Eureka South	2011	11MS3256	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612722	7041991	40	C	3.30	0.049	4.7	0.8	10.2	8.3	47.0	0.7	222
Eureka South	2011	11MS3257	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612700	7042007	50	C	0.80	0.049	4.7	0.9	9.9	8.6	53.0	1.6	178
Eureka South	2011	11MS3258	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612687	7042027	50	C	1.70	0.049	5.9	1.1	11.9	9.4	45.0	0.7	147
Eureka South	2011	11MS3259	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612670	7042049	50	C	3.80	0.049	6.3	0.9	12.2	9.0	42.0	0.6	151
Eureka South	2011	11MS3260	Manuel Sidler	Soil	ACME	WHI11001443	1DX15	612652	7042063	50	C	0.80	0.049	5.1	1.0	10.9	8.0	37.0	0.7	143
Eureka South	2011	11YM3216	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614100	7041005	30	B	2.60	0.049	6.6	0.8	12.0	6.6	39.0	0.6	172
Eureka South	2011	11YM3217	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614085	7041019	50	C	1.30	0.049	6.4	0.9	15.0	7.0	41.0	1.2	126

Area	Year	Sample No.	Sampler	Type	Lab	Cert_ID	Method	E UTM83Z07	N UTM83Z07	Depth	Horizon	Au ppb	Ag ppm	As ppm	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Ba ppm
Eureka South	2011	11YM3218	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614058	7041038	60	C	4.00	0.049	8.3	1.0	18.1	8.4	44.0	1.1	162
Eureka South	2011	11YM3219	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614044	7041046	70	C	2.80	0.049	5.5	0.8	12.0	5.9	38.0	1.1	118
Eureka South	2011	11YM3220	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614020	7041061	70	C	5.10	0.049	10.1	1.0	14.4	7.6	45.0	0.7	147
Eureka South	2011	11YM3221	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	614002	7041074	60	C	1.60	0.049	6.7	0.6	19.3	6.2	37.0	0.8	181
Eureka South	2011	11YM3222	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613974	7041091	60	C	0.25	0.049	8.4	0.8	14.2	8.7	44.0	0.6	170
Eureka South	2011	11YM3223	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613955	7041109	50	C	1.80	0.049	6.6	1.5	13.5	6.1	32.0	0.9	104
Eureka South	2011	11YM3224	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613934	7041117	40	B	2.70	0.049	10.2	1.4	17.0	9.6	44.0	1.6	161
Eureka South	2011	11YM3225	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613915	7041129	50	C	1.80	0.049	7.8	1.2	21.8	8.9	49.0	1.7	139
Eureka South	2011	11YM3226	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613897	7041144	70	C	1.30	0.049	6.9	1.1	18.0	7.9	50.0	1.0	195
Eureka South	2011	11YM3227	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613873	7041161	60	C	2.30	0.049	7.5	1.0	17.7	6.1	37.0	2.0	179
Eureka South	2011	11YM3228	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613855	7041176	50	C	0.25	0.049	8.3	1.2	18.8	6.3	38.0	1.7	158
Eureka South	2011	11YM3229	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613831	7041188	60	C	2.70	0.049	11.0	1.0	30.4	10.0	53.0	0.9	284
Eureka South	2011	11YM3230	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613808	7041203	40	C	0.25	0.049	6.7	0.8	17.1	6.2	37.0	3.0	94
Eureka South	2011	11YM3231	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613791	7041215	40	C	7.80	0.049	9.0	1.1	19.4	6.5	38.0	2.0	139
Eureka South	2011	11YM3232	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613754	7041230	40	C	2.80	0.049	13.0	1.3	13.9	6.7	42.0	1.4	98
Eureka South	2011	11YM3233	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613750	7041240	50	C	4.00	0.049	10.9	1.3	15.8	8.8	52.0	1.2	174
Eureka South	2011	11YM3234	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613725	7041258	40	C	0.25	0.049	5.9	0.8	12.9	6.4	39.0	1.0	106
Eureka South	2011	11YM3235	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613706	7041271	40	C	2.70	0.049	5.6	0.7	11.9	5.7	37.0	0.8	150
Eureka South	2011	11YM3236	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613685	7041285	50	C	4.40	0.049	6.7	0.7	18.1	6.6	41.0	0.6	195
Eureka South	2011	11YM3237	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613665	7041302	60	C	0.50	0.049	4.4	0.7	15.6	5.7	38.0	0.5	212
Eureka South	2011	11YM3238	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613644	7041313	60	C	0.25	0.049	2.4	0.3	9.7	9.0	65.0	0.4	228
Eureka South	2011	11YM3239	Yudii Mercredi	Soil	ACME	WHI11001440	1DX15	613622	7041327	60	C	2.40	0.049	6.6	0.9	16.4	8.7	47.0	0.7	222