

**A GEOLOGICAL AND GEOCHEMICAL REPORT
ON THE
OLIVER PROPERTY
MAYO MINING DISTRICT, YUKON TERRITORY**

NTS 115P09, 115P10, 115P15, 115P16

UTM Z8N: 7065108.960, 427574.758

**FOR
GOLDSTRIKE RESOURCES LTD.**

**WORK DONE: JULY 8 – JULY 10, JULY 13 – JULY 15, JULY 17,
JULY 22 – JULY 27 AND JULY 31, 2011**

WORK CONDUCTED BY: DRUID EXPLORATION INC.

| Claim Name | Claim Number | Grant Number |
|-------------------|---------------------|--|
| O | 1-91 | YD129215 to YD29215, YD155503 to YD155591 |
| OV 9A | 18 | YD62099 |
| OV | 1-310 | YD94271 to YD94280, YD95701-YD-95796, YD95801-YD96000 |
| OVX | 1-21 | YE69601-YE69620 |
| OVA | 1-62 | YD29101 to YD29120, YD52381 to YD52400, YE25298 to YE25299, YE45881 to YE45900 |

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Date: May 15, 2012

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1. SUMMARY

A small scale reconnaissance geological mapping and sampling program was conducted over a 13 day period in July on the Oliver Property. The property is located near Summit Lake and is approximately 23 km northwest of Mayo within the Mayo Mining District of the Yukon Territory. The 2011 exploration program involved property scale bedrock mapping and rock sampling plus reconnaissance ridge and contour soil sampling. The program was carried out under the direction of Edward Dashwood and Ryan Libke, Project Geologists at Druid Exploration Limited and Discovery Consultants. The purpose is to evaluate the areas proximal to the Turnip (115P 059) and Oliver (115P 030) MINFILE showings, search for the potential source of the placer creeks located within the property, follow-up the anomalous government silt sample taken near the western edge of the property boundary and complete an assessment of the potential of the claim block. In total, 31 rock samples and 1,326 soil samples were collected and assayed.

The Oliver Property is comprised of 467 contiguous quartz claims covering 9511.11 hectares of land within NTS map sheets 115P09, 115P10, 115P15 and 115P16. This area is extensively covered with vegetation and bedrock exposure is limited.

The Oliver Property is primarily underlain by meta-sedimentary rocks of the Proterozoic to Lower Cambrian Hyland Group and in proximity to a number of intrusive stocks Cretaceous in age. The closest stocks include the granitic to quartz monzonitic Tombstone and Selwyn intrusive suites. Property geology prospecting revealed the property is mainly composed of phyllite and quartzite with a region of dark meta-sedimentary rocks located in the north near the Oliver Prospect. Two possible geological structures were also located: a shear zone or thrust fault in the southeast and an unknown structure in the north. The overall geology appears to move from a higher metamorphic grade of muscovite-schist with phyllite and quartzite clasts to a lower metamorphic grade of phyllite and quartzite in the west. Areas of brecciated rocks and quartz veining occur within the north and south corners of the property. Very encouraging anomalous results returned from the silicified mafics located within the old Oliver Prospect trench workings in the north. Soil sampling revealed a number of anomalous gold values (≥ 35.1 ppb) throughout the property. Correlation and pattern analyses revealed four multi-element patterns: copper-lead-zinc-manganese-arsenic, gold-arsenic-antimony, copper-cobalt-iron-bismuth-tungsten and tungsten-copper-iron-bismuth. Three distinct areas exhibited these patterns: the north-western portion of the Oliver Prospect area, in the southwestern ridge of the current property boundary and west of the Turnip MINFILE location. Smaller potential areas for gold-arsenic-antimony also occur southeast of the Oliver Prospect, at the centre of the property and south of the Turnip Prospect.

Future work to further evaluate the silicified mafics in the north in the form drilling, trenching, soil sampling, detailed mapping, prospecting, historical compilation and the development of a Quality Assurance/Quality Control (QA/QC) program for the Oliver Drilled Prospect is recommended to determine the host and extents of the mineralization. Detailed soil sampling/prospecting programs over the anomalous gold soil sample areas located in the centre and southwestern areas of the property are also recommended. The anticipated cost of the proposed program is approximately \$704,000. Future improvements on the existing access for drilling and trenching may also be advisable for the tote road that allows access to, and through, the centre of the property.

2. INTRODUCTION AND TERMS OF REFERENCE

Goldstrike Resources Ltd. (Goldstrike) contracted Druid Exploration Inc. to conduct a property-scale bedrock mapping and sampling program of the Oliver property.

It is understood that this report may be required for material disclosure. The author acquired and reviewed the historical information including published and unpublished reports and personal files summarizing previous exploration work on the property.

This report is supplemented by published and available studies that document bedrock mapping and geological fieldwork conducted by the Geological Survey of Canada and the Geological Survey Branch of the provincial Yukon Geological Survey.

3. PROPERTY DESCRIPTION AND LOCATION

3.1 Accessibility and Infrastructure

The Oliver Property is located within the Mayo Mining District and is centred approximately 23 kilometres northwest of Mayo, 144.5 kilometres southwest of Dawson City and 336 km northwest of Whitehorse (Figure 1). Mayo is accessible by the Dempster and Silver Trail Highways and has a government-maintained gravel airstrip.

The property is accessible via seasonal roads from the town of Mayo. Directions to the property area as follows: travel north on Silver Trail Highway from Mayo for approximately 4.5 km and turn left onto the Minto Lake Road. Travel on the Minto Lake Road for 27 km to access the south end of the property via ATV along an old tote road. Alternatively, the property may be accessible via a tote road that leaves the Silver Trail highway approximately 10 km west of Mayo. This road passes by several placer creeks and joins up with the Minto Lake Road and the Bear Creek Trail. The distance along the tote road to the Oliver Property is approximately 40 km. The Bear Creek Trail extends from Minto Lake Road south along Bear Creek and along the southern boundary of the Oliver Property.

Helicopter access is available via numerous charter companies based in Whitehorse. Whitehorse is situated along Highway 16 and has a district population in excess of 30,000. Most services and supplies are available in this resource-based community.

The property contains a number of placer workings along drainages that flow from the west into the South McQuesten River and from the north into Bear Creek. Drilling, placer mining and timber harvesting is on-going and has occurred within and along the northern and southern boundaries of the claim which provides access to the area. Some areas of the claim block were drilled, trenched and placer mined. Visible workings at the Oliver Property include two former drill pads and three bulldozed trenches. The development of access trails for these activities, and the trenching, is responsible for exposing bedrock.

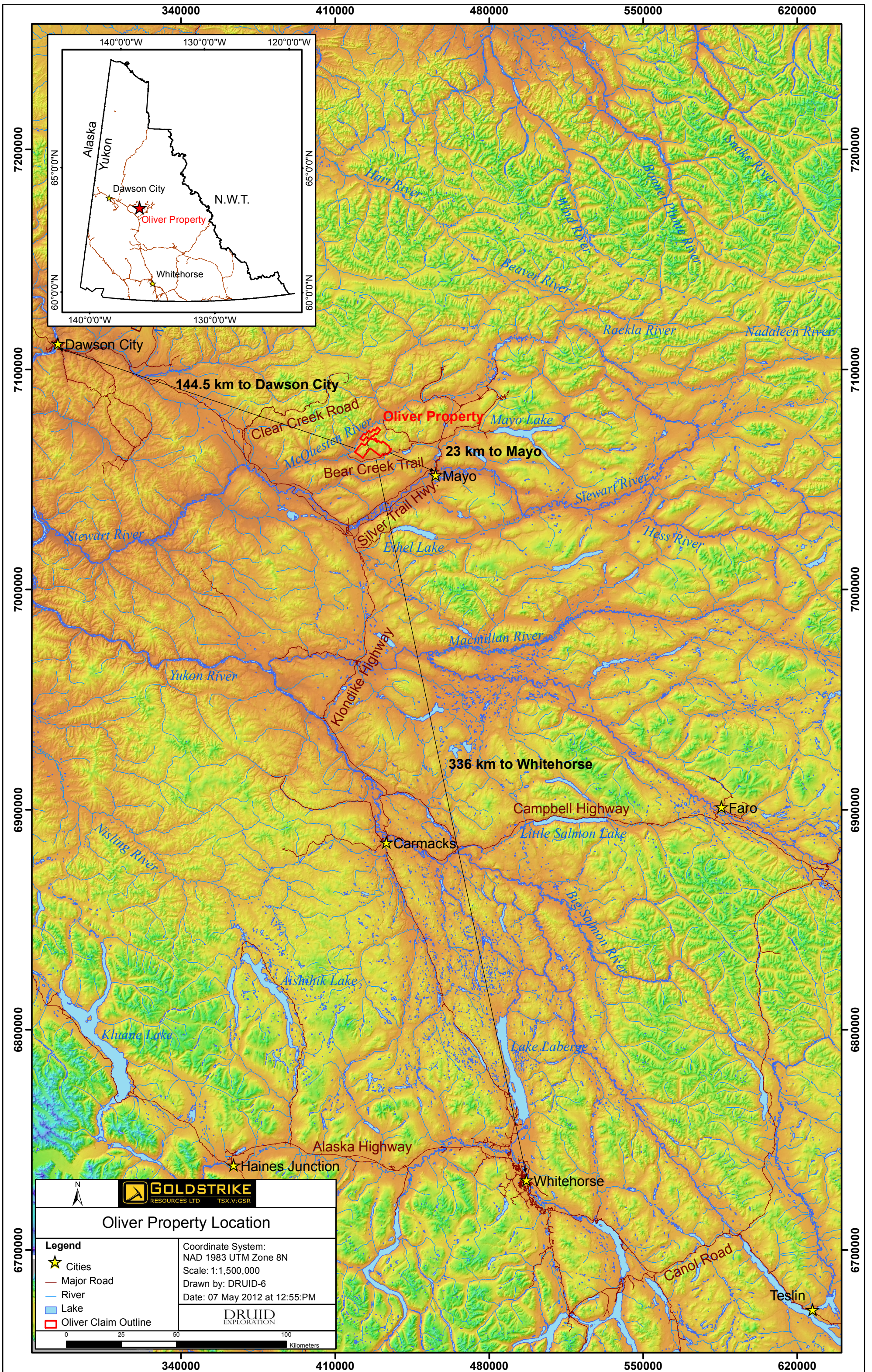


Figure 1: Property Location.

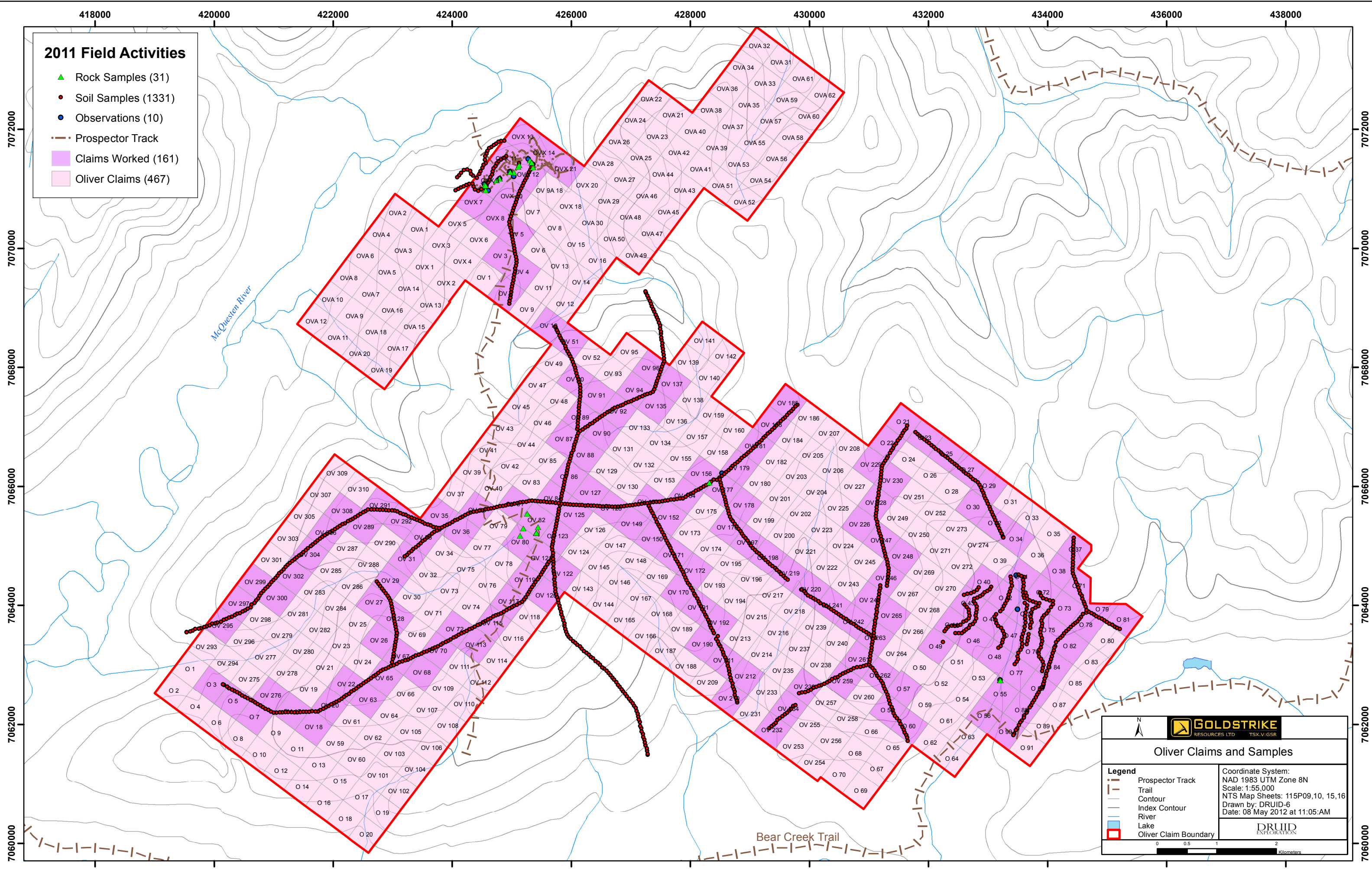
3.2 Quartz Claim Information

The Oliver Property is comprised of 467 contiguous quartz claims (Figure 2). The quartz claims cover 9511.11 hectares of land within NTS map sheets 115P9, 115P10, 115P15 and 115P16. The property is located between 63° 46' 15" and 63° 39' 30" North and 136° 36' 00" and 136° 18' 00" West. The centre of the claim block is located at 63° 42' 30" and 136° 29' 15" West. All of the claims are 100%-owned by Goldspike Exploration Inc.

One hundred sixty-one (161) claims were worked during the 2011 field season by geologists, prospectors and soil samplers (Figure 3). All of the claims were under an option agreement with Goldstrike Resources Ltd. at the time. The anniversary dates of the claims are listed in Table 1.

Table 1: Quartz Claims and Status (as of March 30, 2012).

| Claim Name | Claim Number | Grant Number | Number of Claims | Staking Date | Expiry Date | Claim Holder | Operator | Claims Worked | Dates Claims Worked | Samples Taken |
|---------------|-------------------------------|--|------------------|---|-------------|-----------------------------------|---------------------------|--|--|--------------------|
| OV | 1-52, 59-96, 101-160, 165-310 | YD94271 to YD94280, YD95701 to YD95796, YD95801 to YD96000 | 296 | 04/11/2010 to 07/11/2010 & 17/11/2010 to 21/11/2010 | 26/11/2011 | Goldspike Exploration Inc. - 100% | Goldstrike Resources Ltd. | 2-5, 10, 17, 18, 20, 22, 26-29, 31, 33, 35, 36, 38, 50, 51, 63, 65, 67, 68, 70, 72, 80-82, 84, 86-92, 94, 96, 113, 115, 117, 119, 120-123, 125, 127, 128, 135, 137, 149-152, 154, 156, 170-172, 176-179, 181, 183, 185, 190-192, 197, 198, 210-212, 219, 220, 226, 228-230, 232, 234, 236, 241, 242, 244, 246-248, 259, 261-263, 265, 276, 289, 291, 292, 295, 297, 299, 300, 302, 304, 306, 308 | 13/07/2011 to 15/07/2011 17/07/2011 to 22/07/2011 23/07/2011 to 25/07/2011 to 26/07/2011 | 8 rock 821 soil |
| OV 9A | 18 | YD62099 | 1 | 20/11/2010 | 26/11/2011 | Goldspike Exploration Inc. - 100% | Goldstrike Resources Ltd. | | | |
| O | 1-91 | YD129215 to YD29215, YD155503 to YD155591 | 91 | 05/03/2011 to 07/03/2011 | 09/03/2012 | Terrence King - 100% | Goldstrike Resources Ltd. | 3, 5, 7, 21-23, 25, 27, 29, 30, 32, 34, 37, 38, 40, 41-49, 55-58, 60, 71-79, 81, 82, 84, 86, 88, 90 | 07/07/2011 to 10/07/2011 13/07/2011 to 15/07/2011 24/07/2011 to 26/07/2011 | 2 rock 345 soil |
| OVX | 1-14, 18, 20, 21 | YE69601 to YE69620 | 17 | 28/07/2011 | 02/08/2012 | Goldspike Exploration Inc. - 100% | Goldstrike Resources Ltd. | 7-14, 21 | 23/07/2011 to 26/07/2011 to 27/07/2011 31/07/2011 | 21 rock 47 soil |
| OVA | 1-62 | YD29101 to YD29120, YD52381 to YD52400, YE25298 to YE25299, YE45881 to YE45900 | 62 | 25/08/2011 | 30/08/2012 | Goldspike Exploration Inc. - 100% | Goldstrike Resources Ltd. | | | |
| Total Claims: | | | 467 | Total Claims Worked: | | | 161 | | | |



2011 Field Activities

- ▲ Rock Samples (31)
- Soil Samples (1331)
- Observations (10)
- - - Prospector Track
- Claims Worked (161)
- Oliver Claims (467)



Oliver Claims and Samples

- Legend**
- - - Prospector Track
 - - - Trail
 - Contour
 - Index Contour
 - River
 - Lake
 - Oliver Claim Boundary

Coordinate System:
 NAD 1983 UTM Zone 8N
 Scale: 1:55,000
 NTS Map Sheets: 115P09,10, 15,16
 Drawn by: DRUID-6
 Date: 08 May 2012 at 11:05:AM



Figure 2: Quartz Claims and Grant Numbers.

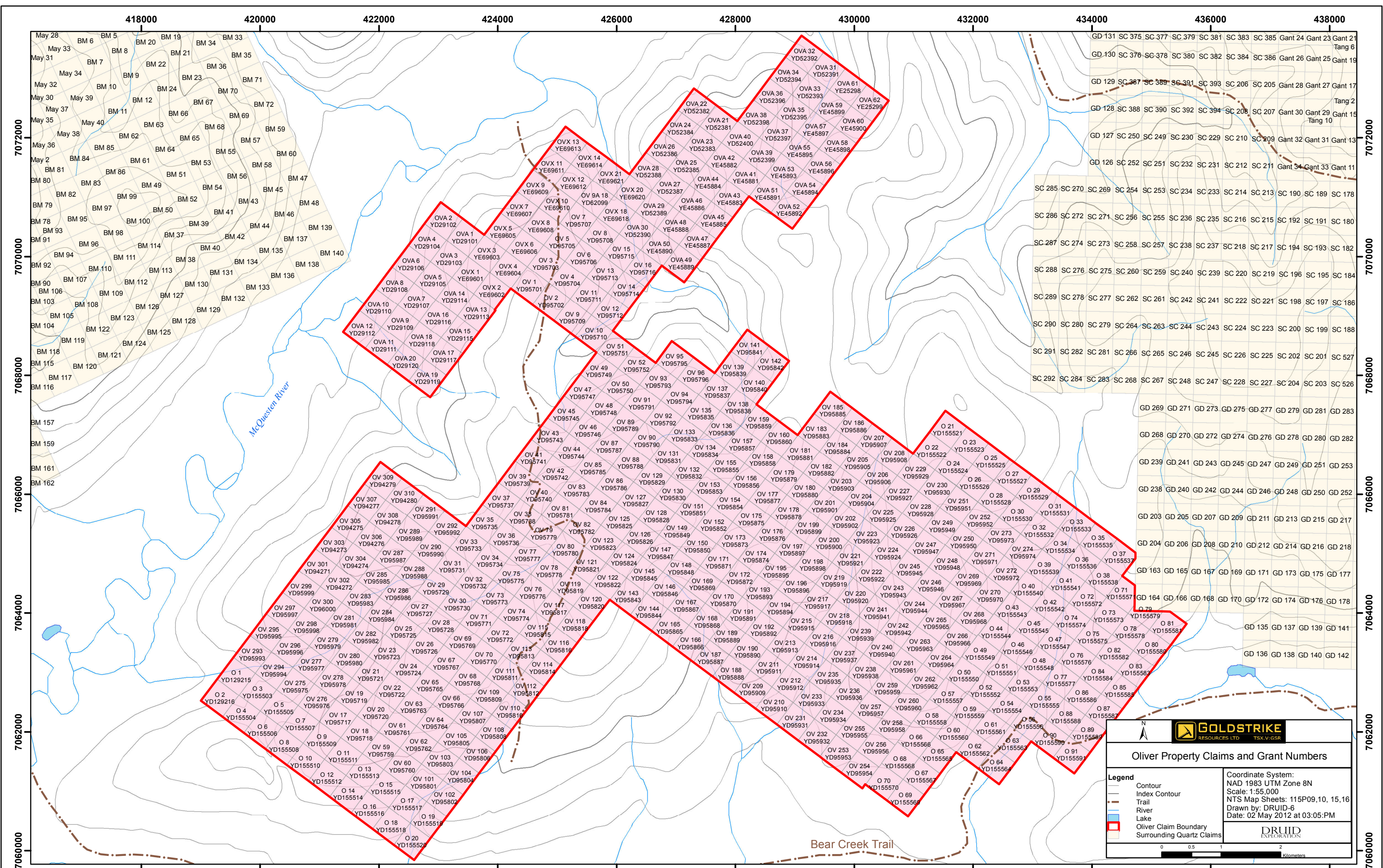












Figure 3: Quartz Claims and Areas Worked.

| | |
|---|--|
|  GOLDSTRIKE <small>RESOURCES LTD. TSX:V:GSR</small> | |
| Oliver Property Claims and Grant Numbers | |
| Legend <ul style="list-style-type: none">  Contour  Index Contour  Trail  River  Lake  Oliver Claim Boundary  Surrounding Quartz Claims | Coordinate System: NAD 1983 UTM Zone 8N Scale: 1:55,000 NTS Map Sheets: 115P09,10, 15,16 Drawn by: DRUID-6 Date: 02 May 2012 at 03:05:PM  |
|  | |

3.3 Physiography and Climate

The Oliver Property is located within the Stewart Plateau miogeocline of the central Cordilleran Region of the Yukon Plateau (North), the central physiographic of the Yukon Territory comprising the Yukon River drainage systems. Most of the drainages were affected by Pleistocene glaciation, but at higher elevations, thin layers of weathered and mass-wasted bedrock partially blanket the bedrock. The Stewart Plateau consists of a series of tablelands cut by broad, deeply-cut valleys (Scudder, 1997).

Elevations range from approximately 600 ft above sea level in the southwestern region to over 1500 ft near the centre of the property. The most notable topographic feature in the area is Minto Lake is located 2.3 km southeast from the property corner.

This area of the central Yukon ranges from boreal forests to alpine tundras; talus slopes are also common at high elevations. Shrub birch, pine, white spruce, and subalpine fir with lichen understories dominate the subalpine regions. Mixed forest canopies are often common due to frequent forest fires caused by the high incidence of thunderstorms along the Tintina Trench (Smith et al., 2004).

Mineral exploration and staking may be conducted on a year round basis. The climate is typical of the Central Interior of Yukon Territory with long cold winters and brief warm summers. Summer temperatures average a daytime high of 23°C. October through April has average sub-zero temperatures with average daily lows reaching -31°C from November through March. The annual precipitation averages at 160 cm of snowfall and 200 mm of average rainfall.

4. EXPLORATION HISTORY

This region has been explored for placer and mineral deposits for copper, gold, silver, zinc, tin and tungsten. Prospecting in the region began in the late 1880's during the Klondike Gold Rush. Exploration in the area of the property has been conducted intermittently with the first active exploration program occurring in 1978 after local prospectors discovered and staked the EPD claim in late summer (Table 2). Hand trenches and a shallow shaft were constructed in 1989 and a reconnaissance geochemical survey was conducted in 1992 returning a 225 ppb Au anomaly. Nearby activity at the Turnip MINFILE location at the southeast corner of the current property began in October of 1988. The prospect and/or mineral property has been referred to as: EPD, Cortin Project and NHL. It is currently referred to as the Oliver Property.

Table 2: Summary of Previous Work.

| Year | Exploration Activities (partially summarized from MINFILE 115P 030 which was last updated 1998/02/20) |
|--------------|--|
| 1978 | The Oliver prospect is staked as EPD cl (YA30569) in June. Mapping and sampling on Oliver Sn skarn prospect by Campbell Chibougamau ML (CCH Res L) and Inco. Pan concentrates from the nearby drainage returns 7.4% tin and 1.9% tungsten-oxide. A number of east-trending soil anomalies for tin were found during the 1978-1979 programs; as well as malachite-stained float with values of 0.2% tin, 0.8% copper, 0.2% zinc and 45 g/t silver (Kennedy, 1980). |
| 1979 to 1980 | Billiton E Can L joined CCH and Inco to form the Cortin Project. This added Lamb and Flag claims to the Oliver prospect to extend north over the McQuesten River. Soil sampling and hand trenching were performed in 1979 and 1980. CCH changes their name to Campbell Res Inc. in 1980. Four holes were drilled in 1979 at 25 m and totalling 322 m. All intervals returned tin values with the best interval containing >1% Sn over 4 m (Kennedy, 1981 & Woodsend, 1981). |
| 1981 | Billiton, Inco and CCH continue to work the Cortin Project by conducting a small drill program of 8 HQ holes totalling 1524 m. The two best intersections returned values of 0.9% tin and 12 g/t Ag over 3.7 m plus 2.5% tin and 2 g/t silver over 1.0 m. The most anomalous values tended to occur within tourmaline-matrix breccias in quartzite and schist as cassiterite and sphalerite with silver. The actinolite-chlorite-calcite-diopside-quartz-epidote skarn, with pyrrhotite, pyrite, scheelite and cassiterite, assayed as 0.9% tin and 4 g/t silver over 1.7 m. Eighteen trenches were also created (Rota, 1982). |
| 1992 | The Oliver Prospect was re-staked in April by G.S. Davidson, B. Harris as NHL cl 1-56 (YB28373) for its potential to host Fort Knox style porphyry. NHL cl 21-24 (YB28393) was staked solely by Davidson. |
| 1992 | A government survey of tin and tungsten mineralized plutons in the McQuesten River region reveals a strong correlation between gold and bismuth. |
| 1994 | Davidson carries out a small reconnaissance mapping and sampling program on NHL cl 21-24 and resamples diamond drill core stored at the Whitehorse (YT) H.S. Bostock Core Library (DIAND). Three rock, two stream sediment and 27 core samples were assayed. The core samples returned anomalous values for silver-copper-zinc-bismuth, and two samples had anomalous gold values: 365 ppb Au in 19101 silt sample and 1630 ppb Au 94DH-160 core sample (Davidson, 1995). |
| 1995 | Davidson re-stakes the NHL cl 1-12 and 25-28 (YB43907) in February. |
| 1998 | Waste Management Program and Environmental Services conducts Yukon Abandoned Mine Assessment of Oliver (Boulder Creek) Mine Site and determines no further assessment or remedial work is required. |

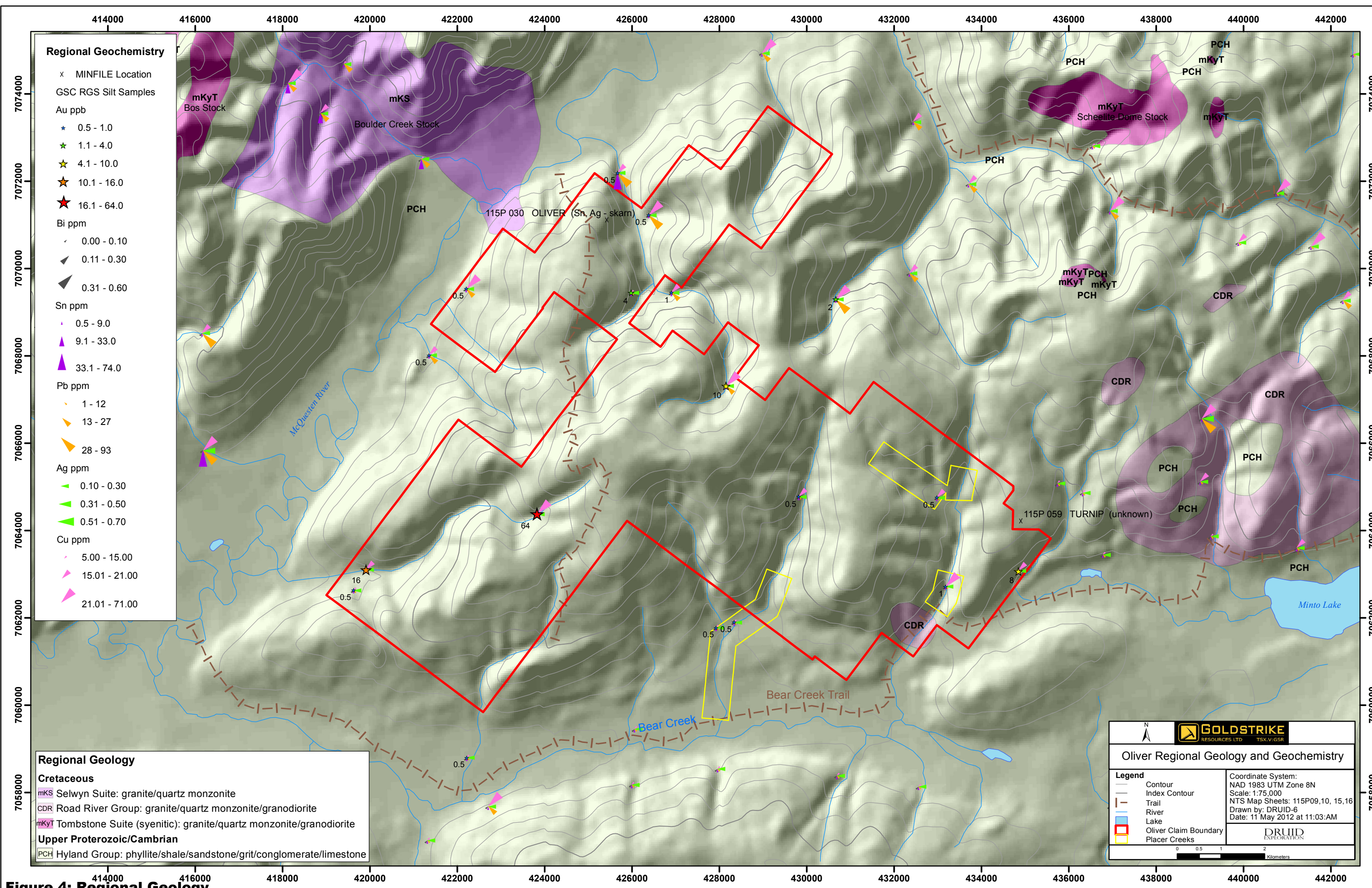
5. GEOLOGICAL SETTING

5.1 Regional Setting

The Oliver Property is located within the Clear Creek-McQuesten River region of the Selwyn Basin in Yukon Plateau-North Ecoregion. This area is primarily underlain by the Proterozoic to Lower Cambrian Hyland Group; a partly collisional belt containing metamorphosed sedimentary rocks of the Ancestral North American continental deposited between 530 and 200 Ma ago (Figure 3). Nearby Cretaceous stocks intrude within, and in close proximity to the current claim boundaries: the Scheelite Dome stock to the northeast, the Boulder Creek Stock within 600 m of the north-western property boundary, and an unnamed intrusion within the property boundary to the south; as well as 1.6 km to the east. The intrusive units closest to the property boundary belong to the Road River-Richardson and Selwyn intrusive suites.

The oldest stratum of the Selwyn Basin includes the Hyland Group. The Hyland Group consists of thick layers of brown sandstone and grit plus minor units of limestone and is overlain by maroon shale. Within the Mayo region, quartz-rich rocks recrystallized to contain considerable white mica and green clay minerals (chlorite) during the extensive deformation and metamorphism that occurred 100 Ma ago.

The Clear Creek-McQuesten River region is located east of the Tintina Fault and is known for its numerous mineral showings and strong multi-element geochemical signatures related to the Cretaceous quartz-monzonite stocks that intrude the area. The stocks are often multi-phased and range in composition from granite to quartz monzonite. Showings, as well as regional silt and soil sampling, has revealed a strong correlation between gold, arsenic, antimony, tungsten and bismuth. This is typical of Tintina Gold Belt intrusive gold targets; such as Red Mountain (molybdenum-copper-gold porphyry) and Dublin Gulch (intrusion-related, vein-hosted gold) (Bremnor, 2011).



Regional Geochemistry

x MINFILE Location
 GSC RGS Silt Samples

Au ppb

- ★ 0.5 - 1.0
- ★ 1.1 - 4.0
- ★ 4.1 - 10.0
- ★ 10.1 - 16.0
- ★ 16.1 - 64.0

Bi ppm

- ◀ 0.00 - 0.10
- ◀ 0.11 - 0.30
- ◀ 0.31 - 0.60

Sn ppm

- ▲ 0.5 - 9.0
- ▲ 9.1 - 33.0
- ▲ 33.1 - 74.0

Pb ppm

- ▲ 1 - 12
- ▲ 13 - 27
- ▲ 28 - 93

Ag ppm

- ▲ 0.10 - 0.30
- ▲ 0.31 - 0.50
- ▲ 0.51 - 0.70

Cu ppm

- ▲ 5.00 - 15.00
- ▲ 15.01 - 21.00
- ▲ 21.01 - 71.00

Regional Geology

Cretaceous

- mKS Selwyn Suite: granite/quartz monzonite
- CDR Road River Group: granite/quartz monzonite/granodiorite
- mKyT Tombstone Suite (syenitic): granite/quartz monzonite/granodiorite

Upper Proterozoic/Cambrian

- PCH Hyland Group: phyllite/shale/sandstone/grit/conglomerate/limestone

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Oliver Regional Geology and Geochemistry

Legend

- Contour
- Index Contour
- - - Trail
- River
- Lake
- Oliver Claim Boundary
- Placer Creeks

Coordinate System:
 NAD 1983 UTM Zone 8N
 Scale: 1:75,000
 NTS Map Sheets: 115P09,10, 15,16
 Drawn by: DRUID-6
 Date: 11 May 2012 at 11:03:AM

DRUID
 EXPLORATION

0 0.5 1 2 kilometers

Figure 4: Regional Geology.

5.2 Local and Property Geology

Reconnaissance of the Oliver Property has revealed that the area contains very little natural outcrop (Bremner, 2011). The main lithological units present within this area consist primarily of the quartzite-phyllite metamorphic rocks of the Hyland Group. A small Middle Cretaceous plutonic stock, possibly part of the Minto Stock associated with the Turnip MINFILE (115P 09) prospect, intrudes the lower southeastern corner of the property. To the north the Boulder Creek stock is located 600 m from the property boundary.

The main rock types present within this area consist of the Hyland group phyllite with patches of intrusion-related altered sandstone to quartzite with phyllite clasts (Bostock, 1964); similar to the host rocks at the Dublin Gulch deposit to the 48 km northeast of the property (Bremner, 2011). The intrusion stocks have compositions ranging from granite to granodiorite to quartz monzonite and are often multi-phased (Scudder, 1997). These intrusions are similar to the intrusions found at Dublin Gulch and the Scheelite Dome deposit located 8 km east of the property.

5.3 Mineralization and Alteration

The Oliver Property lies within an area of very little outcrop; however historical work on the property has revealed anomalous values for gold, silver, copper, zinc, tin and bismuth that are possibly skarn- or porphyry-related mineralization (MINFILE 115P 030). Two areas of the property hold the potential for mineralization: the northern boundary holds the Oliver prospect (MINIFLE 115P 030) and the southeastern area is in close proximity to the Turnip showing (MINFILE 115P 059).

The areas in the north and south of the property are thought to be intrusion related due to the close proximities of the Boulder Creek stock in the north and the Minto Lake intrusion in the southeast. Both stocks are granitic to granodioritic to quartz-monzonitic in composition; similar to the intrusions found at Dublin Gulch and Scheelite Dome (Bremner, 2011).

The mineralization typically occurs as cassiterite, sphalerite with silver, pyrrhotite, pyrite, scheelite and arsenopyrite (MINFILE 115P 030). These minerals were commonly found within tourmaline-matrix breccias in quartzite and schist or in an actinolite-chlorite-calcite-diopside-quartz-epidote skarn (MINFILE 115P 030). There is also a strong positive correlation between gold and bismuth; which has been suggested that this could be used as a pathfinder for gold within this area (Emond et al., 1992).

6. DATA VERIFICATION

All the samples, collected during the 2011 field season, were selected, sealed and shipped to Acme Analytical Laboratories in Vancouver, BC. All rock and soil samples were selected by Druid Exploration seasoned prospectors or geologist, and some samples were duplicated as a representative hand samples for future reference. Due to the small number

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of reconnaissance rock samples taken (31), the rock sample series does not include reference standards. Due to the reconnaissance nature of the soil sampling program, the soil sample series of 1,326 samples in total does not include reference samples. Individual samples were labeled, placed in plastic sample bags, sealed and stored at a secure facility in Dawson City, YT. Groups of samples were then placed into durable rice bags and secured for shipping. The samples were delivered via carrier to Acme Analytical Labs in Vancouver, BC. All samples were crushed, pulverized and the resulting sample pulps were analyzed. The remaining coarse reject portions and splits of the samples remain in storage at the Acme Labs storage facility in Vancouver. The rock samples are analyzed using the Acme Labs r200-249 prep code and the Geo2 assay procedure: Group the 1DX 1:1:1 Aqua Regia Digestion with an inductively coupled plasma-mass spectrometer (ICP-MS) finish plus the Group 3B fire geochemical assay for gold. Six rock samples, 1207701 to 1207706, were analyzed by the 3A and 1D assay procedures: Group 3A Au by wet digestion (Aqua Regia) and ICP-MS finish, plus the 1D 1:1:1 Aqua Regia hot digestion with a 34 element inductively coupled plasma-emission spectrometry (ICP-ES) finish. As a result of the low number of rock samples and differing analytical procedures, exploratory data analysis of the rock samples was not conducted. The soil samples underwent prep code SS80 and the 1DX-15 assay procedure: a 1:1:1 Aqua Regia Digestion with a 36 element ICP-MS finish. The reader is referred to <http://www.acmelab.com> for details of these analytical procedures and the assay certificates are located in Appendix C: Certificates of Analysis.

7. EXPLORATION

7.1 Prospecting

The 2011 reconnaissance prospecting program on the Oliver Property took place on July 8th, 15th, 17th and 28th by Michael Glynn (prospector) and was overseen by Ryan Lipke (geologist). The property was traversed by foot with helicopter assistance. The traverse areas are based on MINFILE locations, ridge tops for outcrop exposures, placer creek occurrences and regional silt anomalies (Figure 4). A total of 15 rock grab samples were taken (Appendix A).

In the southeast corner of the property, placer miner workings are located along with manganese-rich outcrop exposures of metamorphic sediments, quartz veining and with shallow dipping shear zones or thrust faults. The centre-eastern area of the property was mapped as a siliceous quartzite with a porphyritic texture and returned with no significant metal values. The centre-western portion of the property, uphill from a gold silt anomaly, is described as a muscovite-schist with zones of phyllite and quartzite (Figure 5).

The overall property geology mapping indicates the south contains metamorphic sediment that has experienced movement (shear zone/thrust fault) and fluid flow to produce quartz veining. The centre area of the property is mapped in the east as silica-altered quartzite and did not return significant metal values; while in the west the rocks are a muscovite-schist with clasts/zones of phyllite and quartzite and assayed with trace amounts of copper (304 ppm). The overall geology of the property appears to decrease in metamorphic grade from west to east with possible tectonic movement and fluid flow being experienced in the south. The source rock for the gold

silt anomaly in the western area of the property was not found. The northern area of the property contains the old workings and is explained in the following section.

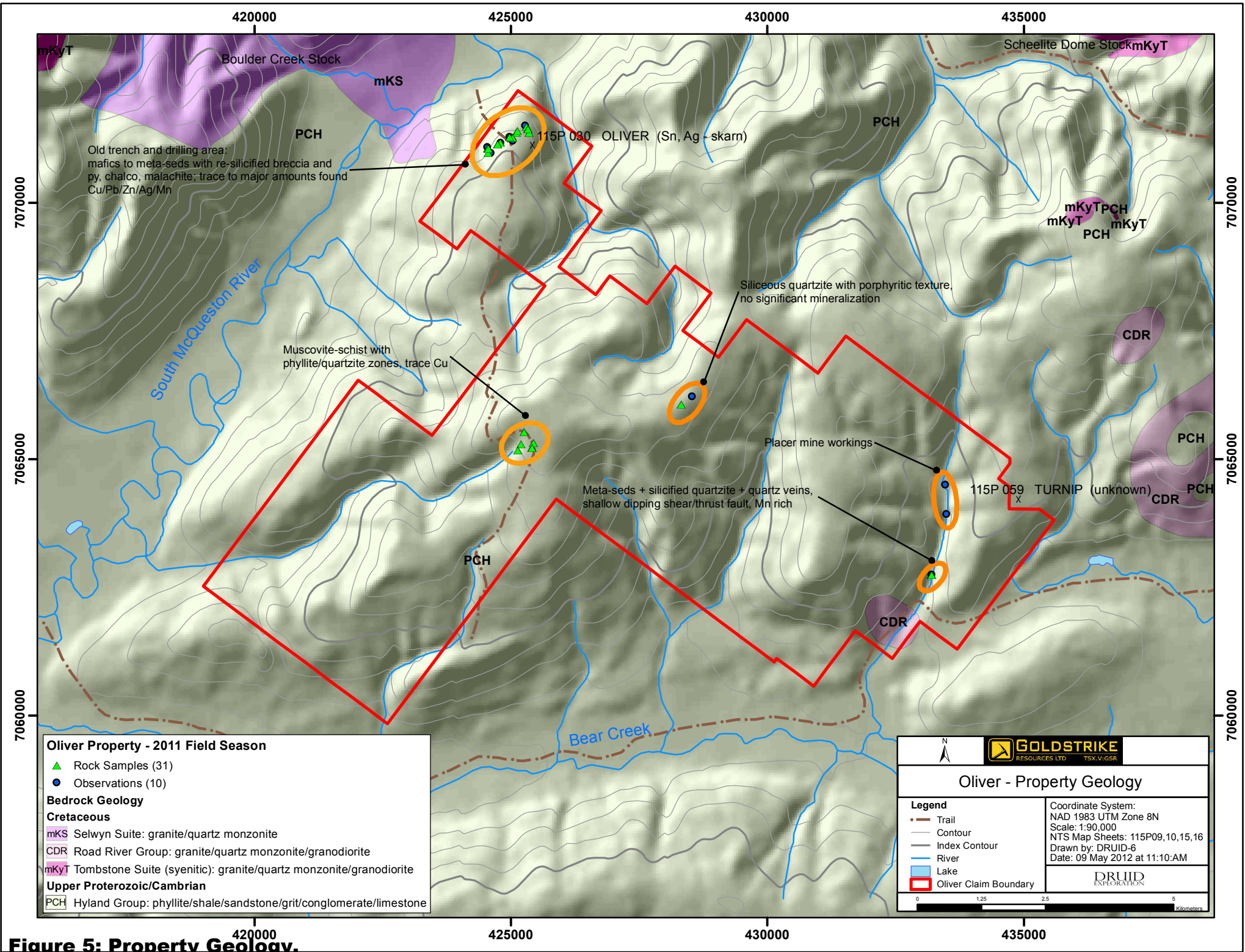


Figure 5: Property Geology.

7.2 Prospecting Old Workings

A two-person team prospected the old trench workings on July 26th and July 31st. Tom Morgan (prospector) and Edward Dashwood (geologist). The property was traversed by foot with helicopter assistance to start and end locations. The traverse area is based on the Oliver prospect MINFILE location (Figure 4). A total of 16 rock grab samples were taken from trenched areas and road cuts (Figure 6) (Appendix A).

The geology of the Trench 1 area is mapped as silicified dark mafics with occasional patches of green minerals. Chalcopyrite blebs and disseminated fine-grained blebs and clusters of possible massive arsenopyrite were present. The quartz veins within Trench 1 have visible voids and quartz stringers within some portions. The wallrock is silicified and may zone between phyllite and the dark mafics. Re-silicified brecciated rocks with clasts of phyllite and mafics are also present and contain mineralization in the form of cubic pyrite, chalcopyrite, malachite and an unknown silver mineral. This area assays returned to have anomalous values for gold (4,003 ppb), copper (>10,000 ppm), zinc (2,215 ppm), silver (>100 ppm), cobalt (>2,000 ppm), arsenic (>10,000 ppm), bismuth (>2,000 ppm), tungsten (>100 ppm), sulphur (8.31%), selenium (>100 ppm) and manganese (2,316 ppm), with notable values of antimony (122.6 and 86.9 ppm) (Table 3). The area prospected between TR01 and TR02 contained a possible geological structure with silicified mafic rocks and disseminated fine grained sulphides: pyrite, chalcopyrite, unknown silvery metallic mineral, possible bornite and radial actinolite crystals. This area returned copper, lead and zinc values between 406 and 556 ppm and low gold values (3-4 ppb) (Table 3).

Trench 5 contains re-silicified brecciated rock with a silica-rich matrix and clasts of phyllite and mafics. Large (1-4 mm) cubic pyrite, chalcopyrite, malachite and silvery metallic mineral are present. Zones of olive-green alteration (epidote or arsenic alteration?) were also present and the rock samples taken are notably dense. The area to the east of Trench 5 revealed a 4 m tall outcrop of breccia overlying phyllite. This area contains copper minerals, heavily silicified stringer stockwork veining and smooth/greasy unknown rock within the brecciated areas. These areas assayed to have anomalous values for copper (>10,000 ppm), lead (4,530.7 ppm), zinc (1,073 ppm), silver (>100 ppm), manganese (7,354 ppm), and arsenic (>10,000 ppm) with notable values of gold (250 ppb), cobalt (379.7 ppm), antimony (189.3 ppm), bismuth (319.5 ppm), barium (348 ppm) and sulphur (7.88%) (Table 3).

Table 3: Anomalous Rock Grab Sample Results. Gold values are fire assayed results.

| Sample | Au (ppb) | Copper (ppm) | Lead (ppm) | Zinc (ppm) | Silver (ppm) | Cobalt (ppm) | Arsenic (ppm) | Bismuth (ppm) | Tungsten (ppm) |
|---------------|---------------------|-------------------------|-----------------------|-----------------------|-------------------------|-------------------------|--------------------------|--------------------------|---------------------------|
| 1204261 | 2697 | 3912.2 | 3040.9 | 2573 | >100.0 | >2000 | >10000 | >2000.0 | 28 |
| 1204262 | 9 | 34.7 | 16.9 | 518 | 5.5 | 41.6 | 381.9 | 29.5 | <0.1 |
| 1204263 | 4 | 98.8 | 11.1 | 223 | 1.9 | 10.1 | 110.3 | 12 | 0.1 |
| 1204264 | 5 | 9468 | 2797.5 | 2115 | >100.0 | 37.8 | 122.7 | 130 | <0.1 |
| 1204265 | <2 | 2086.2 | 363 | 598 | 15 | 10.9 | 1330 | 30.6 | 0.1 |
| 1204266 | <2 | 1984.7 | 181.2 | 1073 | 4.6 | 20.1 | 23.5 | 2.8 | 0.3 |
| 1204267 | <2 | 421.5 | 142.5 | 1036 | 3.1 | 14.3 | 297 | 5.9 | 0.2 |
| 1204268 | 250 | >10000 | 1122.6 | 531 | 67.1 | 289.2 | >10000 | 250.4 | 0.2 |
| 1204269 | 2.16 | 4415.7 | 366 | 925 | 84.3 | 27 | 204.3 | 56.5 | 0.2 |
| 1204270 | 0.8 | 320.5 | 385.1 | 470 | 2.1 | 1.1 | 256.3 | 2.2 | <0.1 |
| 1217923 | 3 | >10000 | 2643.1 | 2215 | >100.0 | 31.3 | 94.2 | 105.4 | <0.1 |
| 1217924 | <2 | 863.9 | 149.7 | 738 | 6 | 6.8 | 48.6 | 22.8 | 0.1 |
| 1217925 | 4003 | 6559.7 | 1247.5 | 1744 | >100 | >2000 | >10000 | >2000 | >100 |
| 1217926 | 6 | 3095.3 | 1008 | 375 | 55.1 | 15.6 | 113.7 | 61.4 | <0.1 |
| 1217927 | <2 | 3150.4 | 1350.9 | 2714 | 64.1 | 8.3 | 161.6 | 126.1 | <0.1 |
| 1217928 | <2 | >10000 | 602.2 | 407 | 5.8 | 4.3 | 60 | 9.7 | 0.1 |
| 1217929 | <2 | 3046.8 | 1006.5 | 902 | 80.6 | 5.4 | 194.2 | 88 | <0.1 |
| 1217930 | 6 | 6310.8 | 4530.7 | 845 | >100.0 | 379.7 | 2034.7 | 319.5 | 0.1 |
| 1217931 | <2 | 1839.2 | 1619.7 | 433 | 14.5 | 30.9 | 17 | 18.1 | <0.1 |

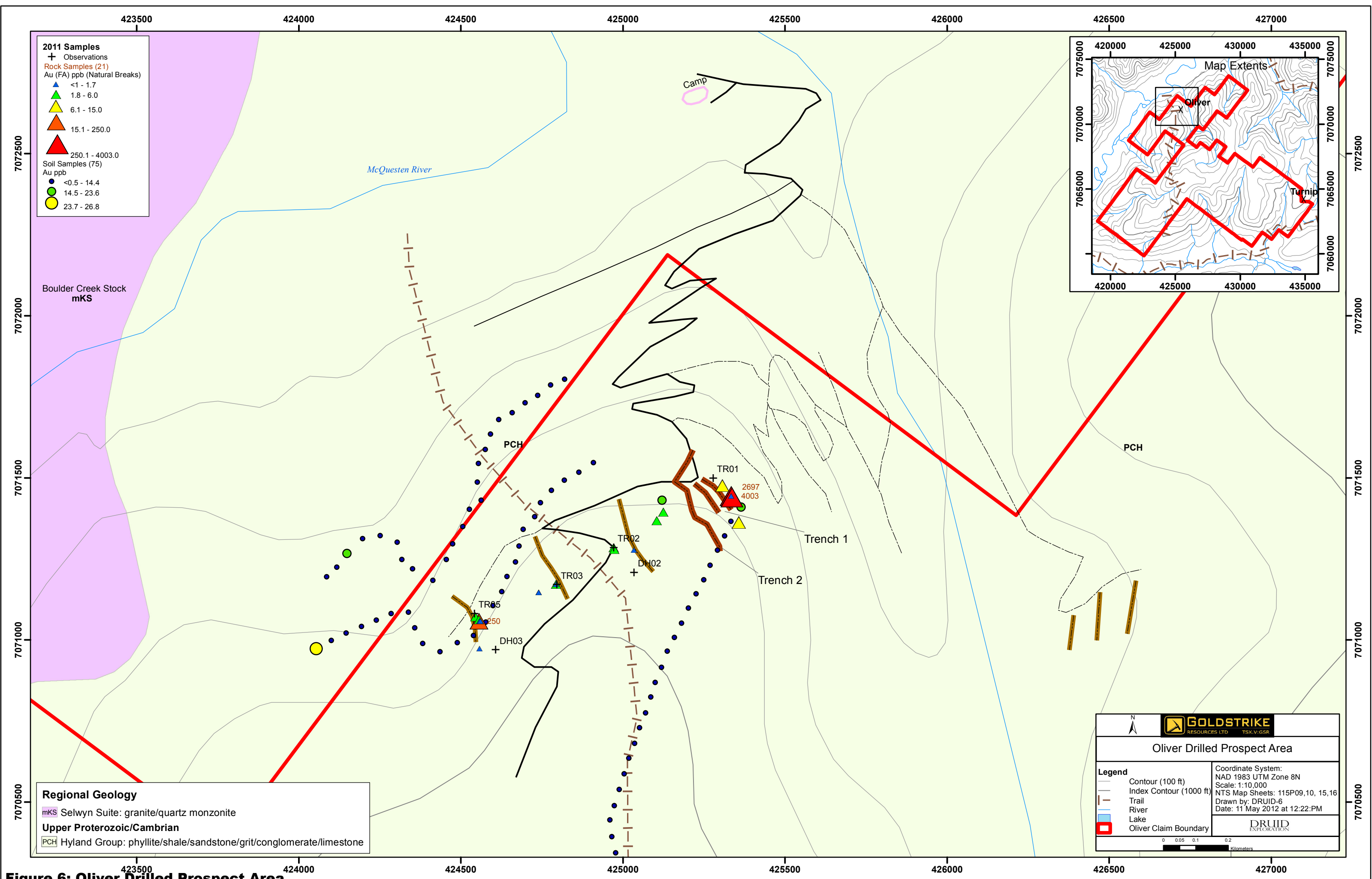


Figure 6: Oliver Drilled Prospect Area.

7.3 Soil Sampling

The reconnaissance soil sampling program of the Oliver Property was overseen by Ryan Lipke (geologist) and took place between July 13th – 17th, and July 22nd to 27th, 2011. The 10 person team consisted of the following deep auger soil samplers: Connor MacKay, Myles Rusk, Andrew Blampin, Lukasz Malek, Sam Snelling, Thomas Barrette, Ryan West, Kevin Trudel, Alec McAlister and James Henderson. The property was sampled by foot with helicopter assistance to soil-line end and start points. The soil lines were chosen based on crossing the source areas of MINFILE locations, ridge tops for easy access to soils, placer creek occurrences and regional silt anomalies (Figure 4). The sampling lines were loaded into a GPS and the sample site was chosen in the field based on soil availability within 50 to 100 m intervals. Soil samples were extracted using a soil auger to dig to and extract the C horizon. All sample sites were flagged with biodegradable flagging tape and marked with the sample number. All sample sites were recorded using handheld GPS units (accuracy 1-5 m) and the following information was recorded: sample ID, easting, northing, elevation, sample depth (cm), horizon samples, sample colour, sample composition (%), parent material, moisture content, vegetation cover and topographic position. In total, 1326 soil samples were collected (Appendix B).

7.3.1 Soil Geochemistry

The Oliver Property is located east of the Tintina Fault and is situated in an area known for its numerous mineral showings and strong multi-element geochemical signatures. These signatures are related to the Cretaceous quartz-monzonite stocks that intrude the area which are often multi-phased and range in composition from granite to quartz monzonite. Showings, as well as regional silt and soil sampling, has revealed a strong correlation between gold, arsenic, antimony, tungsten and bismuth. This is typical of Tintina Gold Belt intrusive gold targets; such as Red Mountain (molybdenum-copper-gold porphyry) and Dublin Gulch (intrusion-related, vein-hosted gold) (Bremnor, 2011).

Exploratory data analysis (EDA) of the 2011 soil sampling program includes a summary table, correlation matrix, quantile-quantile plots and count histograms. This information is used to determine the composition of the data, to discover anomalies and to determine pathfinder relationships unique to the area in which soil samples were collected.

The summary table shows the count, detection limits, quantiles, min-max values, standard deviation, mean absolute deviation and the coefficient of variation. EDA indicates there is insufficient assay data for silver, cadmium, boron, thallium, sulphur, selenium and tellurium due to >20% of the population above and below the detection limits (DL) of the assay procedures. These elements are not included in statistical analysis. All other below detection limit values were converted to ½ the DL for each element and the above detection limit values were changed to the upper detection limit value plus the DL value. For example, the below detection limit value for tungsten is changed to 0.05 ppm, half of the DL (0.1) and the above detection limit value is converted to 100.1 (100+0.1) (Table 4).

Table 4 Summary Table of Soil Samples. Below detection limit (DL) values are 1/2 the DL, whereas above the DL values are changed to the result plus the DL.

| Element | Units | DL (ICP-MS) | Number | % < and > DL | Median | | | | | | | | | | Max | Std. Dev. | Median Abs. Dev. | Coeff. Var. | |
|---------|-------|-------------|--------|--------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|------------------|-------------|-------|
| | | | | | Min | 1% | 5% | 10% | 25% | (50%) | Mean | 75% | 90% | 95% | | | | | 99% |
| Mo | ppm | 0.1 | 1326 | 0% | 0.2 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.8 | 1.0 | 1.1 | 1.2 | 1.6 | 3.1 | 0.2 | 0.1 | 0.3 |
| Cu | ppm | 0.1 | 1326 | 0% | 4.4 | 7.0 | 9.5 | 10.8 | 13.7 | 18.0 | 22.8 | 24.5 | 33.6 | 43.7 | 105.4 | 506.0 | 26.1 | 5.2 | 1.1 |
| Pb | ppm | 0.1 | 1326 | 0% | 4.7 | 6.3 | 7.9 | 8.5 | 9.6 | 11.1 | 14.1 | 13.4 | 18.1 | 24.6 | 84.7 | 303.2 | 15.3 | 1.8 | 1.1 |
| Zn | ppm | 1 | 1326 | 0% | 12 | 25 | 33 | 36 | 42 | 49 | 68 | 57 | 70 | 92 | 476 | 2417 | 129 | 8 | 2 |
| Ag | ppm | 0.1 | 1326 | 87% | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.09 | 0.05 | 0.10 | 0.20 | 1.00 | 6.30 | 0.28 | 0.00 | 2.9 |
| Ni | ppm | 0.1 | 1326 | 0% | 4.5 | 7.4 | 10.0 | 11.5 | 13.7 | 16.6 | 18.0 | 20.6 | 26.1 | 30.3 | 39.3 | 101.7 | 6.9 | 3.3 | 0.4 |
| Co | ppm | 0.1 | 1326 | 0% | 1.5 | 2.5 | 3.8 | 4.4 | 5.6 | 7.0 | 7.7 | 8.9 | 11.4 | 13.3 | 20.5 | 86.3 | 3.9 | 1.6 | 0.5 |
| Mn | pct | 1 | 1326 | 0% | 36 | 74 | 110 | 131 | 169 | 229 | 275 | 315 | 441 | 549 | 1138 | 2551 | 198 | 71 | 1 |
| Fe | ppm | 0.01 | 1326 | 0% | 0.64 | 1.25 | 1.56 | 1.71 | 1.92 | 2.14 | 2.24 | 2.44 | 2.85 | 3.16 | 4.11 | 17.37 | 0.66 | 0.25 | 0.30 |
| As | ppm | 0.5 | 1326 | 0% | 0.25 | 3.15 | 5.90 | 6.70 | 8.20 | 9.80 | 12.41 | 11.70 | 15.85 | 25.88 | 61.98 | 227.90 | 14.5 | 1.7 | 1.2 |
| Au | ppb | 0.5 | 1326 | 5% | 0.25 | 0.25 | 0.25 | 0.80 | 1.40 | 2.30 | 4.36 | 4.30 | 10.20 | 15.80 | 31.15 | 60.10 | 6.3 | 1.2 | 1.4 |
| Th | ppm | 0.1 | 1326 | 0% | 0.2 | 0.3 | 0.6 | 0.9 | 1.9 | 3.8 | 4.8 | 6.3 | 10.3 | 12.7 | 17.8 | 26.9 | 3.9 | 2.1 | 0.8 |
| Sr | ppm | 1 | 1326 | 0% | 3 | 4 | 5 | 6 | 7 | 8 | 11 | 10 | 18 | 27 | 64 | 147 | 11 | 2 | 1 |
| Cd | ppm | 0.1 | 1326 | 49% | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.10 | 0.23 | 0.10 | 0.20 | 0.30 | 3.50 | 18.9 | 1.0 | 0.1 | 4.5 |
| Sb | ppm | 0.1 | 1326 | 0% | 0.05 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.67 | 0.70 | 0.90 | 1.00 | 2.68 | 7.0 | 0.4 | 0.1 | 0.7 |
| Bi | ppm | 0.1 | 1326 | 4% | 0.05 | 0.05 | 0.10 | 0.10 | 0.20 | 0.20 | 0.54 | 0.20 | 0.30 | 0.50 | 4.88 | 266.1 | 7.4 | 0.0 | 13.8 |
| V | pct | 2 | 1326 | 0% | 4 | 9 | 14 | 17 | 22 | 27 | 27 | 32 | 37 | 40 | 49 | 85 | 8 | 5 | 0 |
| Ca | pct | 0.01 | 1326 | 0% | 0.01 | 0.02 | 0.03 | 0.04 | 0.05 | 0.07 | 0.12 | 0.10 | 0.20 | 0.39 | 0.91 | 3.20 | 0.22 | 0.02 | 1.85 |
| P | ppm | 0.001 | 1326 | 0% | 0.011 | 0.015 | 0.019 | 0.022 | 0.032 | 0.042 | 0.042 | 0.051 | 0.059 | 0.065 | 0.083 | 0.128 | 0.015 | 0.010 | 0.357 |
| La | ppm | 1 | 1326 | 0% | 6 | 8 | 10 | 11 | 14 | 18 | 21 | 25 | 33 | 40 | 53 | 70 | 10 | 5 | 0 |
| Cr | pct | 1 | 1326 | 0% | 4 | 9 | 11 | 13 | 15 | 17 | 18 | 20 | 22 | 25 | 32 | 50 | 4 | 2 | 0 |
| Mg | ppm | 0.01 | 1326 | 0% | 0.04 | 0.11 | 0.18 | 0.21 | 0.25 | 0.29 | 0.31 | 0.34 | 0.42 | 0.47 | 0.68 | 1.45 | 0.11 | 0.05 | 0.35 |
| Ba | pct | 1 | 1326 | 0% | 19 | 44 | 59 | 66 | 80 | 105 | 118 | 141 | 188 | 222 | 300 | 716 | 56 | 29 | 0 |
| Ti | ppm | 0.001 | 1326 | 0% | 0.001 | 0.002 | 0.005 | 0.006 | 0.010 | 0.014 | 0.015 | 0.019 | 0.023 | 0.027 | 0.033 | 0.052 | 0.007 | 0.005 | 0.471 |
| B | pct | 1 | 1326 | 77% | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.7 | 0.5 | 1.0 | 2.0 | 3.0 | 7.0 | 0.6 | 0.0 | 0.8 |
| Al | pct | 0.01 | 1326 | 0% | 0.18 | 0.48 | 0.63 | 0.74 | 0.88 | 1.00 | 1.02 | 1.15 | 1.33 | 1.44 | 1.68 | 2.43 | 0.24 | 0.13 | 0.24 |
| Na | pct | 0.001 | 1326 | 0% | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 | 0.005 | 0.006 | 0.007 | 0.009 | 0.016 | 0.002 | 0.001 | 0.367 |
| K | ppm | 0.01 | 1326 | 0% | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.04 | 0.04 | 0.05 | 0.06 | 0.08 | 0.11 | 0.23 | 0.02 | 0.01 | 0.46 |
| W | ppm | 0.1 | 1326 | 10% | 0.05 | 0.05 | 0.05 | 0.10 | 0.10 | 0.20 | 0.28 | 0.20 | 0.30 | 0.40 | 0.70 | 100.1 | 2.7 | 0.1 | 9.8 |
| Hg | ppm | 0.01 | 1326 | 4% | 0.005 | 0.005 | 0.010 | 0.020 | 0.020 | 0.030 | 0.038 | 0.040 | 0.060 | 0.080 | 0.170 | 0.46 | 0.03 | 0.01 | 0.90 |
| Sc | ppm | 0.1 | 1326 | 0% | 0.2 | 0.4 | 0.6 | 0.8 | 1.1 | 1.4 | 1.5 | 1.8 | 2.3 | 2.7 | 4.0 | 6.4 | 0.7 | 0.4 | 0.5 |
| Tl | pct | 0.1 | 1326 | 88% | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.06 | 0.05 | 0.10 | 0.10 | 0.30 | 1.0 | 0.1 | 0.0 | 0.9 |
| S | ppm | 0.05 | 1326 | 97% | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.09 | 0.16 | 0.01 | 0.00 | 0.43 |
| Ga | ppm | 1 | 1326 | 0% | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 15 | 1 | 0 | 0 |
| Se | ppm | 0.5 | 1326 | 79% | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.34 | 0.25 | 0.60 | 0.70 | 0.90 | 5.40 | 0.2 | 0.0 | 0.7 |
| Te | ppm | 0.2 | 1326 | 100% | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.80 | 0.0 | 0.0 | 0.2 |

The correlation matrix for the 2011 soil samples (Table 5) shows the interdependence of the assay data between pairs of elements. This statistical analysis assists in the determination of the pathfinder elements that may be associated with the element(s) of interest. The main element of interest for this property is gold. Secondary interests for this property include: copper, lead, zinc and tungsten. Very weak positive correlations with gold were found with arsenic and antimony. Copper, lead, zinc, manganese and arsenic have moderate to strong positive correlations with each other. Moderate positive correlations for copper, cobalt, iron, bismuth, and tungsten are also present. Tungsten is found to have moderate positive correlations between copper and iron, as well as a very strong positive correlation with bismuth.

Table 5 Soil Sample Correlation Matrix. Very weak correlations occur between gold, arsenic and antimony; whereas moderate correlations are found between copper, lead, zinc, manganese and arsenic.

| | Mo | Cu | Pb | Zn | Ni | Co | Mn | Fe | As | Au | Th | Sr | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | Al | Na | K | W | Hg | Sc | Ga | |
|----|-------|-------|-------|------|-------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-------|-------|------|------|--|
| Mo | 1.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cu | 0.29 | 1.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pb | 0.20 | 0.50 | 1.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Zn | 0.20 | 0.72 | 0.66 | 1.00 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ni | 0.15 | 0.44 | 0.27 | 0.32 | 1.00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Co | 0.23 | 0.51 | 0.33 | 0.43 | 0.87 | 1.00 | | | | | | | | | | | | | | | | | | | | | | | | |
| Mn | 0.15 | 0.50 | 0.51 | 0.53 | 0.59 | 0.74 | 1.00 | | | | | | | | | | | | | | | | | | | | | | | |
| Fe | 0.44 | 0.62 | 0.29 | 0.22 | 0.55 | 0.51 | 0.34 | 1.00 | | | | | | | | | | | | | | | | | | | | | | |
| As | 0.23 | 0.69 | 0.51 | 0.63 | 0.20 | 0.26 | 0.31 | 0.43 | 1.00 | | | | | | | | | | | | | | | | | | | | | |
| Au | 0.04 | 0.05 | -0.02 | 0.01 | 0.00 | -0.01 | -0.03 | 0.05 | 0.12 | 1.00 | | | | | | | | | | | | | | | | | | | | |
| Th | -0.09 | 0.33 | 0.20 | 0.17 | 0.64 | 0.54 | 0.34 | 0.52 | 0.13 | -0.05 | 1.00 | | | | | | | | | | | | | | | | | | | |
| Sr | -0.12 | 0.19 | 0.18 | 0.19 | 0.30 | 0.28 | 0.35 | 0.13 | 0.14 | -0.01 | 0.32 | 1.00 | | | | | | | | | | | | | | | | | | |
| Sb | 0.10 | 0.13 | 0.09 | 0.07 | 0.26 | 0.20 | 0.11 | 0.20 | 0.17 | 0.12 | 0.08 | 0.16 | 1.00 | | | | | | | | | | | | | | | | | |
| Bi | 0.28 | 0.58 | 0.13 | 0.11 | 0.00 | 0.03 | 0.03 | 0.65 | 0.47 | 0.08 | 0.05 | 0.02 | 0.02 | 1.00 | | | | | | | | | | | | | | | | |
| V | 0.53 | -0.02 | 0.03 | 0.05 | -0.19 | -0.10 | -0.09 | 0.04 | 0.07 | 0.04 | -0.47 | -0.19 | 0.09 | 0.04 | 1.00 | | | | | | | | | | | | | | | |
| Ca | -0.21 | 0.09 | 0.07 | 0.06 | 0.20 | 0.16 | 0.30 | 0.03 | 0.03 | -0.01 | 0.27 | 0.80 | 0.11 | 0.00 | -0.22 | 1.00 | | | | | | | | | | | | | | |
| P | 0.13 | 0.08 | 0.04 | 0.06 | 0.10 | 0.13 | 0.27 | 0.07 | 0.05 | 0.03 | -0.23 | 0.21 | 0.10 | 0.05 | 0.11 | 0.25 | 1.00 | | | | | | | | | | | | | |
| La | -0.11 | 0.31 | 0.19 | 0.12 | 0.59 | 0.47 | 0.36 | 0.50 | 0.07 | -0.03 | 0.79 | 0.28 | 0.07 | 0.05 | -0.50 | 0.25 | -0.01 | 1.00 | | | | | | | | | | | | |
| Cr | 0.45 | 0.23 | 0.26 | 0.25 | 0.26 | 0.26 | 0.21 | 0.30 | 0.22 | 0.03 | -0.12 | 0.03 | 0.20 | 0.08 | 0.70 | -0.06 | 0.18 | -0.12 | 1.00 | | | | | | | | | | | |
| Mg | 0.13 | 0.34 | 0.25 | 0.27 | 0.48 | 0.43 | 0.41 | 0.33 | 0.14 | 0.01 | 0.35 | 0.31 | 0.11 | 0.00 | 0.16 | 0.39 | 0.21 | 0.34 | 0.54 | 1.00 | | | | | | | | | | |
| Ba | 0.07 | 0.11 | 0.11 | 0.12 | 0.25 | 0.20 | 0.23 | 0.11 | 0.08 | -0.03 | 0.15 | 0.43 | 0.11 | 0.00 | 0.21 | 0.24 | 0.03 | 0.07 | 0.31 | 0.23 | 1.00 | | | | | | | | | |
| Ti | 0.26 | -0.01 | 0.00 | 0.06 | -0.11 | -0.06 | -0.04 | -0.04 | 0.08 | 0.02 | -0.19 | -0.18 | 0.14 | 0.03 | 0.63 | -0.12 | -0.05 | -0.35 | 0.50 | 0.25 | 0.17 | 1.00 | | | | | | | | |
| Al | 0.42 | 0.27 | 0.31 | 0.31 | 0.26 | 0.30 | 0.23 | 0.35 | 0.23 | -0.01 | 0.04 | -0.07 | 0.13 | 0.05 | 0.62 | -0.15 | 0.03 | 0.03 | 0.81 | 0.57 | 0.24 | 0.45 | 1.00 | | | | | | | |
| Na | 0.22 | 0.22 | 0.23 | 0.23 | 0.22 | 0.22 | 0.19 | 0.26 | 0.22 | 0.01 | 0.21 | 0.30 | 0.18 | 0.05 | 0.23 | 0.13 | 0.04 | 0.15 | 0.37 | 0.34 | 0.44 | 0.33 | 0.40 | 1.00 | | | | | | |
| K | 0.07 | 0.38 | 0.40 | 0.39 | 0.41 | 0.39 | 0.37 | 0.39 | 0.39 | 0.02 | 0.46 | 0.46 | 0.21 | 0.19 | -0.11 | 0.25 | 0.00 | 0.36 | 0.19 | 0.23 | 0.32 | 0.06 | 0.22 | 0.43 | 1.00 | | | | | |
| W | 0.26 | 0.52 | 0.08 | 0.04 | -0.04 | -0.03 | -0.01 | 0.63 | 0.43 | 0.09 | 0.02 | 0.00 | 0.02 | 0.99 | 0.04 | -0.01 | 0.05 | 0.02 | 0.06 | -0.02 | -0.01 | 0.04 | 0.02 | 0.02 | 0.15 | 1.00 | | | | |
| Hg | -0.05 | 0.07 | 0.05 | 0.00 | 0.33 | 0.28 | 0.22 | 0.19 | 0.04 | 0.01 | 0.27 | 0.49 | 0.19 | -0.03 | -0.21 | 0.41 | 0.13 | 0.29 | -0.06 | -0.04 | 0.20 | -0.27 | -0.17 | 0.09 | 0.18 | -0.03 | 1.00 | | | |
| Sc | 0.13 | 0.29 | 0.14 | 0.15 | 0.49 | 0.43 | 0.33 | 0.40 | 0.17 | 0.04 | 0.44 | 0.35 | 0.34 | 0.09 | 0.20 | 0.24 | -0.04 | 0.27 | 0.43 | 0.43 | 0.56 | 0.36 | 0.36 | 0.47 | 0.37 | 0.08 | 0.35 | 1.00 | | |
| Ga | 0.53 | 0.36 | 0.30 | 0.27 | 0.02 | 0.10 | 0.11 | 0.43 | 0.33 | 0.02 | -0.15 | -0.12 | 0.04 | 0.40 | 0.66 | -0.20 | 0.10 | -0.07 | 0.65 | 0.31 | 0.08 | 0.35 | 0.70 | 0.31 | 0.18 | 0.37 | -0.22 | 0.10 | 1.00 | |

Histogram and quantile-quantile (Q-Q) plots are used to determine the distribution of the assay data, locate groups of samples with similar characteristics, as well as the break point for anomalous values. Histograms are useful in determining whether the sample population is normal (bell curve) or skewed. The histograms for copper, lead, zinc, arsenic, gold and antimony indicate their populations are skewed and require data normalization before any further statistics are conducted since most statistics assume populations are normal.



Figure 7 Histograms of Soil Samples Showing Skewed Populations for Copper, Lead, Zinc, Arsenic, Gold and Antimony.

Q-Q plots depict groups of samples with similar characteristics (as separate terraces), as well as anomalous values (shown as a break points and well-separated samples). These plots are a graphical representation of the frequency distribution of the samples in relation to an expected distribution. For normally distributed populations the samples are shown in Q-Q plots as in a straight line. Curved and discontinuous plots represent skewed and poly-modal populations. The Q-Q plots of this property's samples for copper, lead, zinc, arsenic, gold and antimony show they represent skewed populations (Figure 8). Anomalous values for gold are ≥ 35.1 ppb. Copper anomalies start at ≥ 179.7 ppm, lead at ≥ 94.1 ppm, zinc at ≥ 569 ppm, arsenic at ≥ 105.5 ppm and antimony anomalies start at 4.2 ppm.

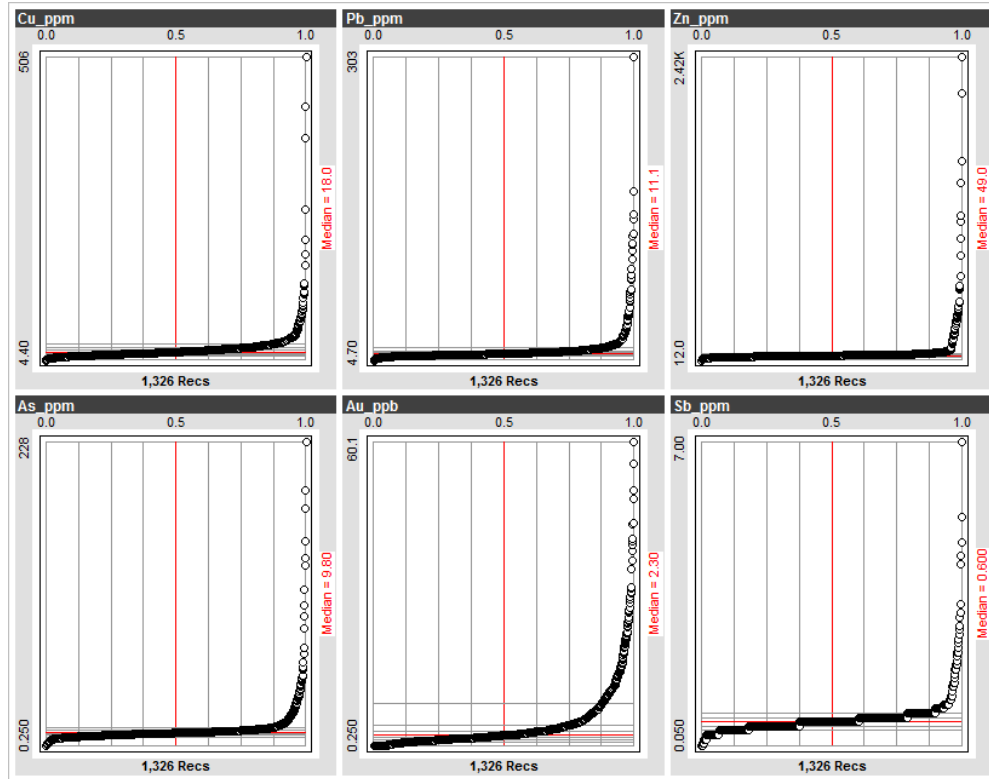


Figure 8 Quantile-Quantile Plots of Copper, Lead, Zinc, Arsenic, Gold and Antimony. Anomalous values start at: gold is ≥ 35.1 ppb, copper is ≥ 179.7 ppm, lead is ≥ 94.1 ppm, zinc is ≥ 569 ppm, arsenic is ≥ 105.5 ppm, and antimony is ≥ 4.2 ppm.

Based on the assay values representing terraces and break points in the Q-Q plots, bubble plot geochemical maps of the soil samples can be created to delineate areas of potential interest. Figure 9 is a bubble plot map of the Oliver 2011 soil and rock sample gold results. A number of soil samples are found to be anomalous for gold (≥ 35.1 ppb).

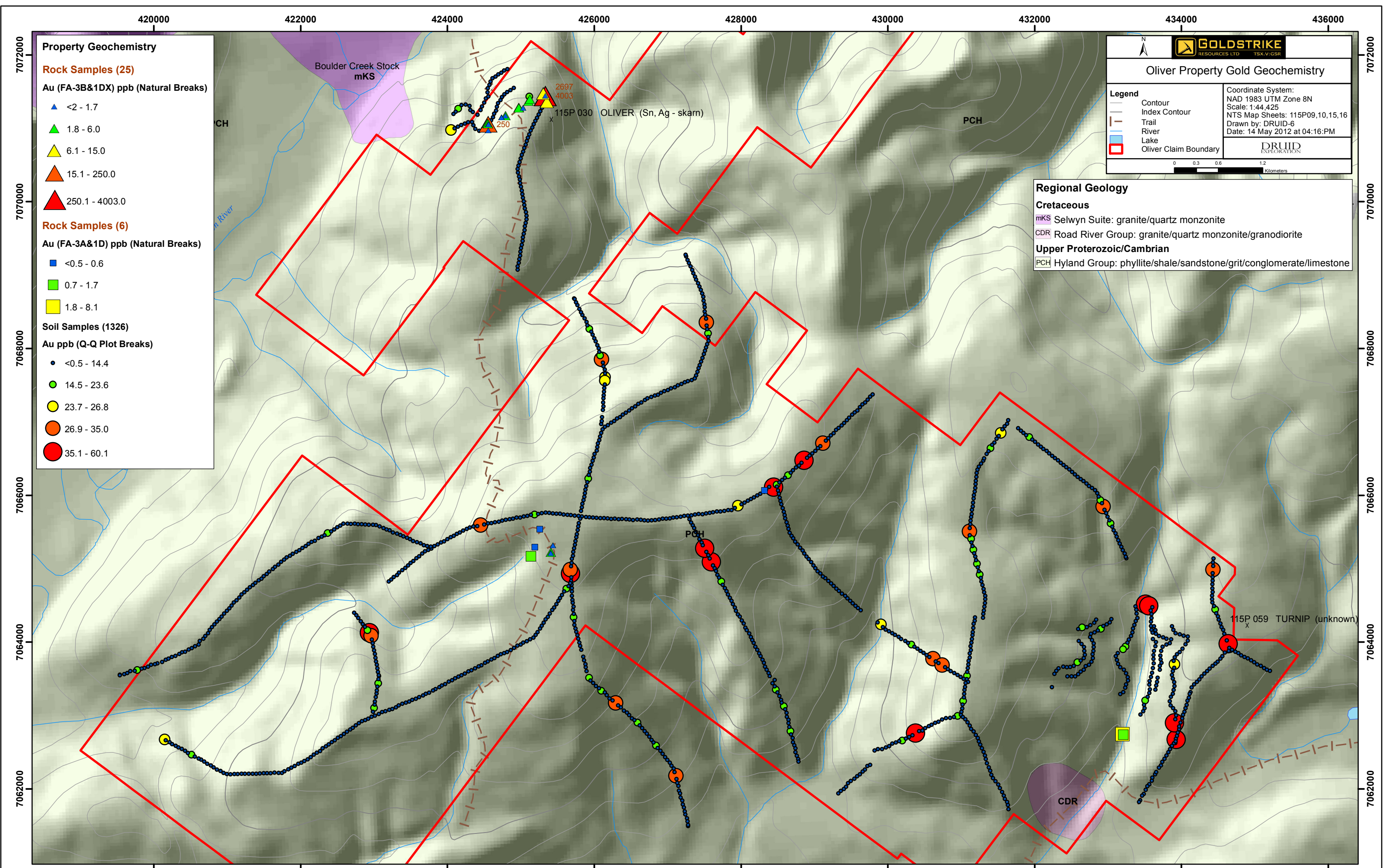
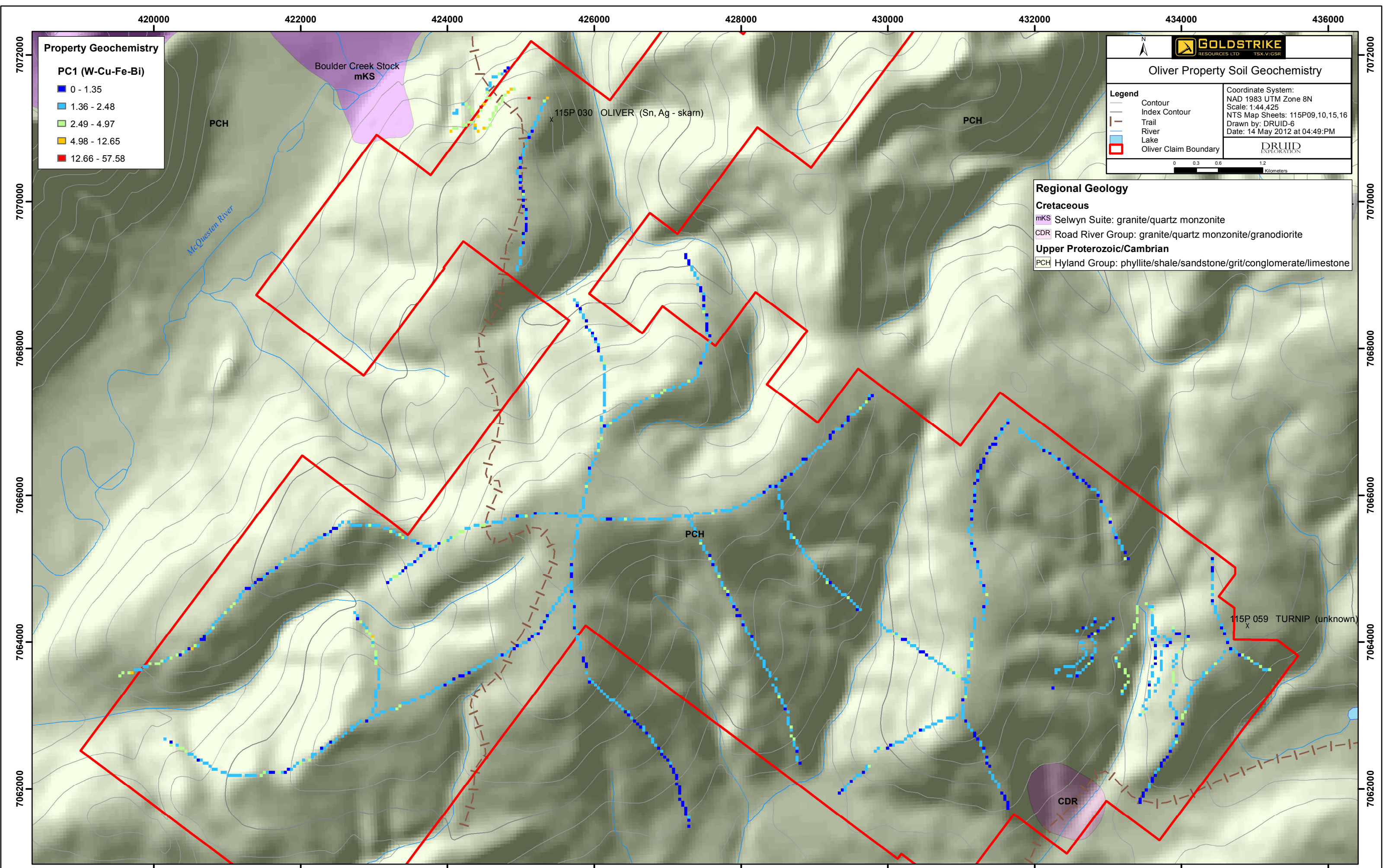


Figure 9: Oliver Property Gold Geochemistry for Rock and Soil Samples.

Based on the histograms produced for this property (Figure 7) the assay results are not normal populations (bell curve) and the Z score ($[\text{assay value} - \text{mean}] / \text{standard deviation}$) was calculated to normalize the values. Principal component analysis (see Appendix D for summary tables) was then conducted on the normalized data to determine the locations of the following multi-element associations based on correlation matrix results (Table 5): copper-lead-zinc-manganese-arsenic (Figure 10), gold-arsenic-antimony (Figure 11), copper-cobalt-iron-bismuth-tungsten (Figure 12), and tungsten-copper-iron-bismuth (Figure 13).

Copper-lead-zinc-manganese-arsenic, copper-cobalt-iron-bismuth-tungsten and tungsten-copper-iron-bismuth soil sample patterns occur within the northwestern area of the old Oliver Drilled Prospect workings. Smaller and weaker copper-cobalt-iron-bismuth-tungsten and tungsten-copper-iron-bismuth patterns also are located in the southwest and southeast corners of the Oliver Property. Gold-arsenic-antimony multi-element occurrences are located within the northwestern portion of the Oliver Prospect area, in the southwestern ridge of the current property boundary and west of the Turnip MINFILE location. Smaller potential areas for gold-arsenic-antimony also occur southeast of the Oliver Prospect, at the centre of the property and south of the Turnip Prospect.



Property Geochemistry

PC1 (W-Cu-Fe-Bi)

- 0 - 1.35
- 1.36 - 2.48
- 2.49 - 4.97
- 4.98 - 12.65
- 12.66 - 57.58

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Oliver Property Soil Geochemistry

Legend

- Contour
- - - Index Contour
- - - Trail
- River
- Lake
- Oliver Claim Boundary

Coordinate System:
NAD 1983 UTM Zone 8N
Scale: 1:44,425
NTS Map Sheets: 115P09,10,15,16
Drawn by: DRUID-6
Date: 14 May 2012 at 04:49:PM

DRUID
EXPLORATION

0 0.3 0.6 1.2
Kilometers

Regional Geology

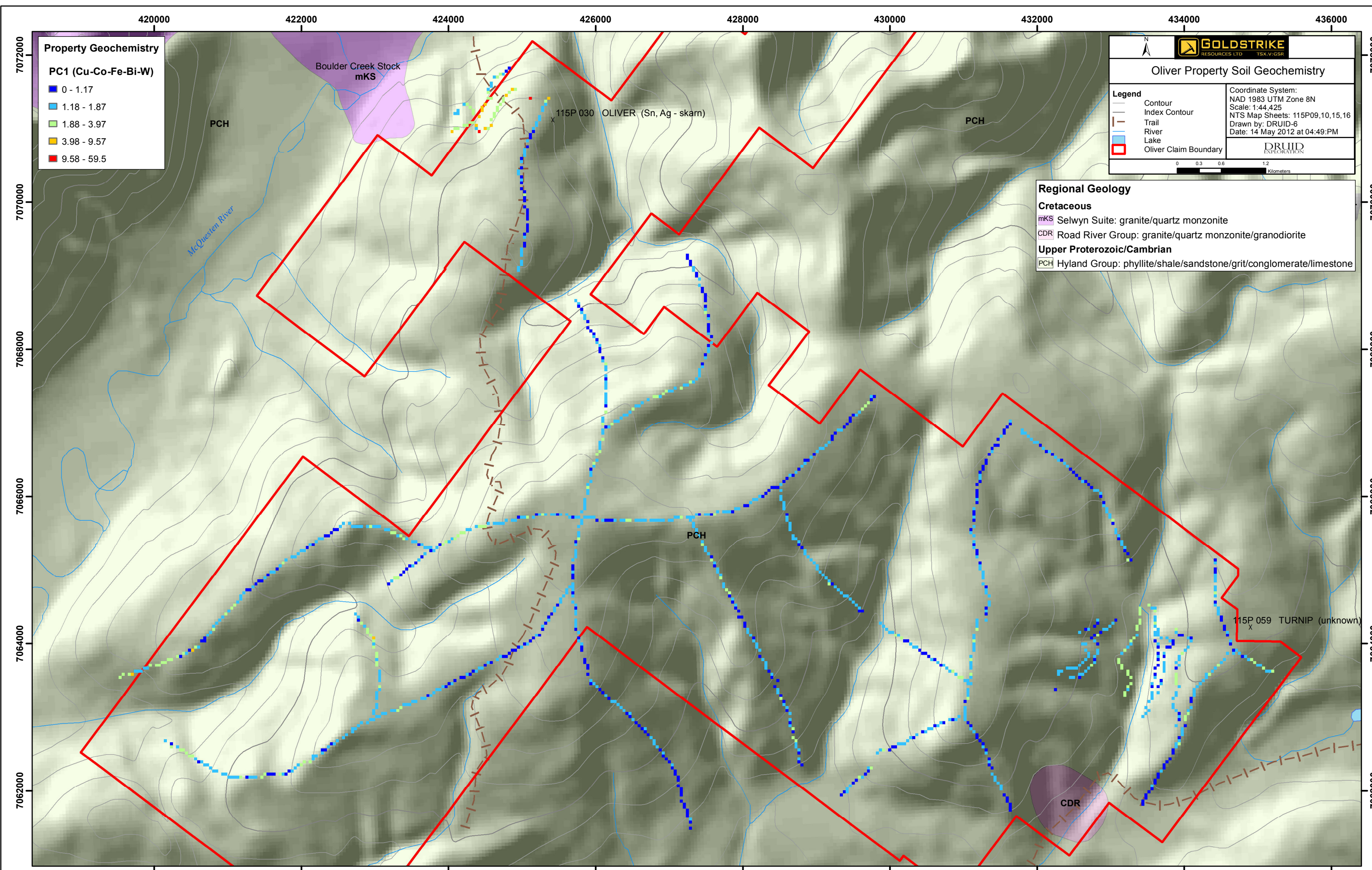
Cretaceous

- mKS Selwyn Suite: granite/quartz monzonite
- CDR Road River Group: granite/quartz monzonite/granodiorite

Upper Proterozoic/Cambrian

- PCH Hyland Group: phyllite/shale/sandstone/grit/conglomerate/limestone

Figure 10: Copper-Lead-Zinc-Manganese-Arsenic Principal Component 1 indicating patterns of multi-element associations in the northwest (Oliver Prospect), southwest and southeast.



Property Geochemistry

PC1 (Cu-Co-Fe-Bi-W)

- 0 - 1.17
- 1.18 - 1.87
- 1.88 - 3.97
- 3.98 - 9.57
- 9.58 - 59.5

GOLDSTRIKE
RESOURCES LTD. TSX.V:GSR

Oliver Property Soil Geochemistry

Legend

- Contour
- Index Contour
- Trail
- River
- Lake
- Oliver Claim Boundary

Coordinate System:
NAD 1983 UTM Zone 8N
Scale: 1:44,425
NTS Map Sheets: 115P09,10,15,16
Drawn by: DRUID-6
Date: 14 May 2012 at 04:49:PM

DRUID
EXPLORATION

0 0.3 0.6 1.2
Kilometers

Regional Geology

Cretaceous

- mKS Selwyn Suite: granite/quartz monzonite
- CDR Road River Group: granite/quartz monzonite/granodiorite

Upper Proterozoic/Cambrian

- PCH Hyland Group: phyllite/shale/sandstone/grit/conglomerate/limestone

Figure 11: Gold-Arsenic-Antimony Principal Component 1 showing patterns of multi-element associations in the northwest (Oliver Prospect), southwest and southeast with weaker patterns exhibited southeast of the Oliver Prospect, at the centre of the property and south of the Turnip Prospect.

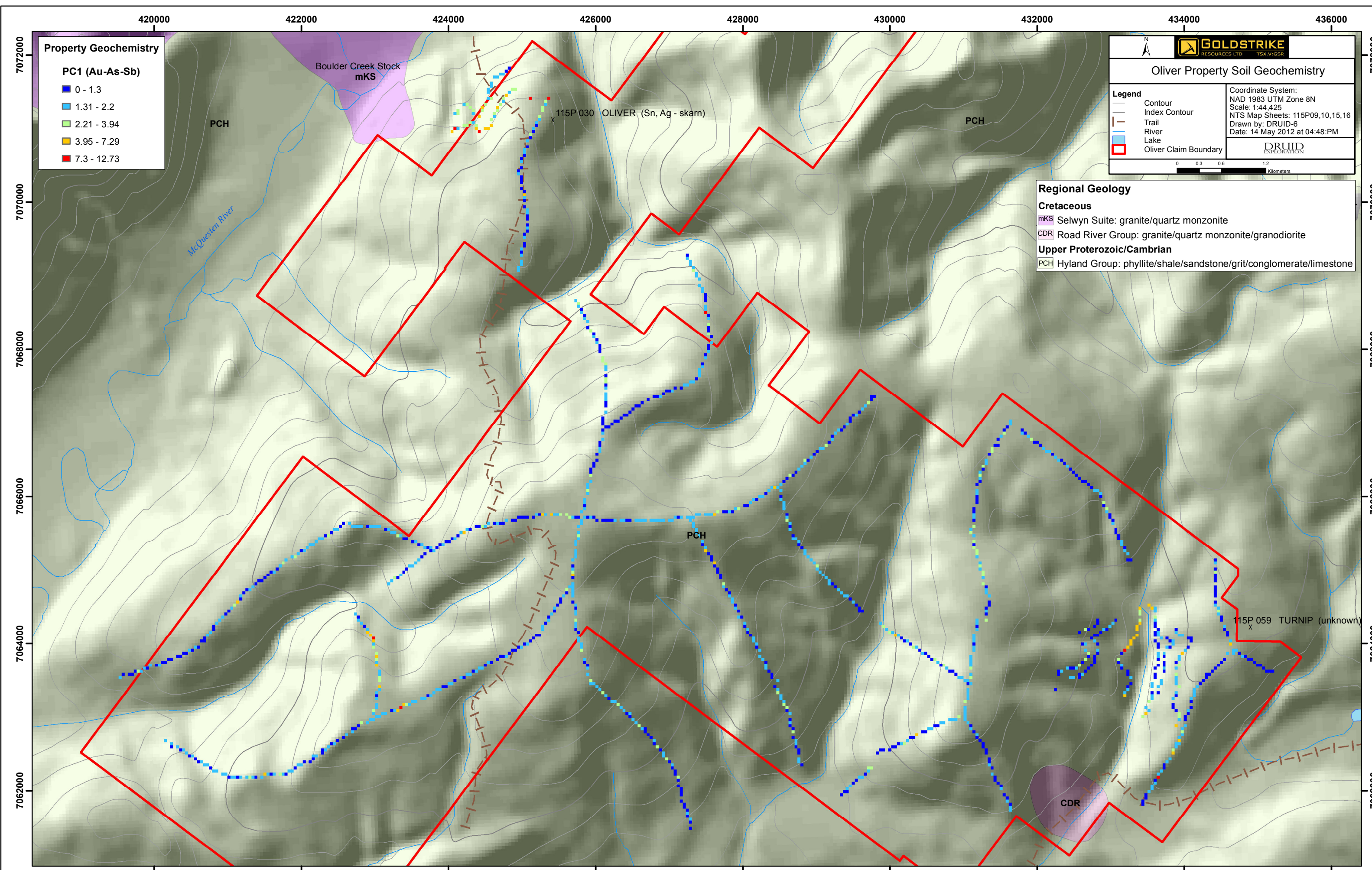


Figure 12: Copper-Cobalt-Iron-Bismuth-Tungsten Principal Component 1 patterns of multi-element associations in the northwest (Oliver Prospect), southwest and southeast.

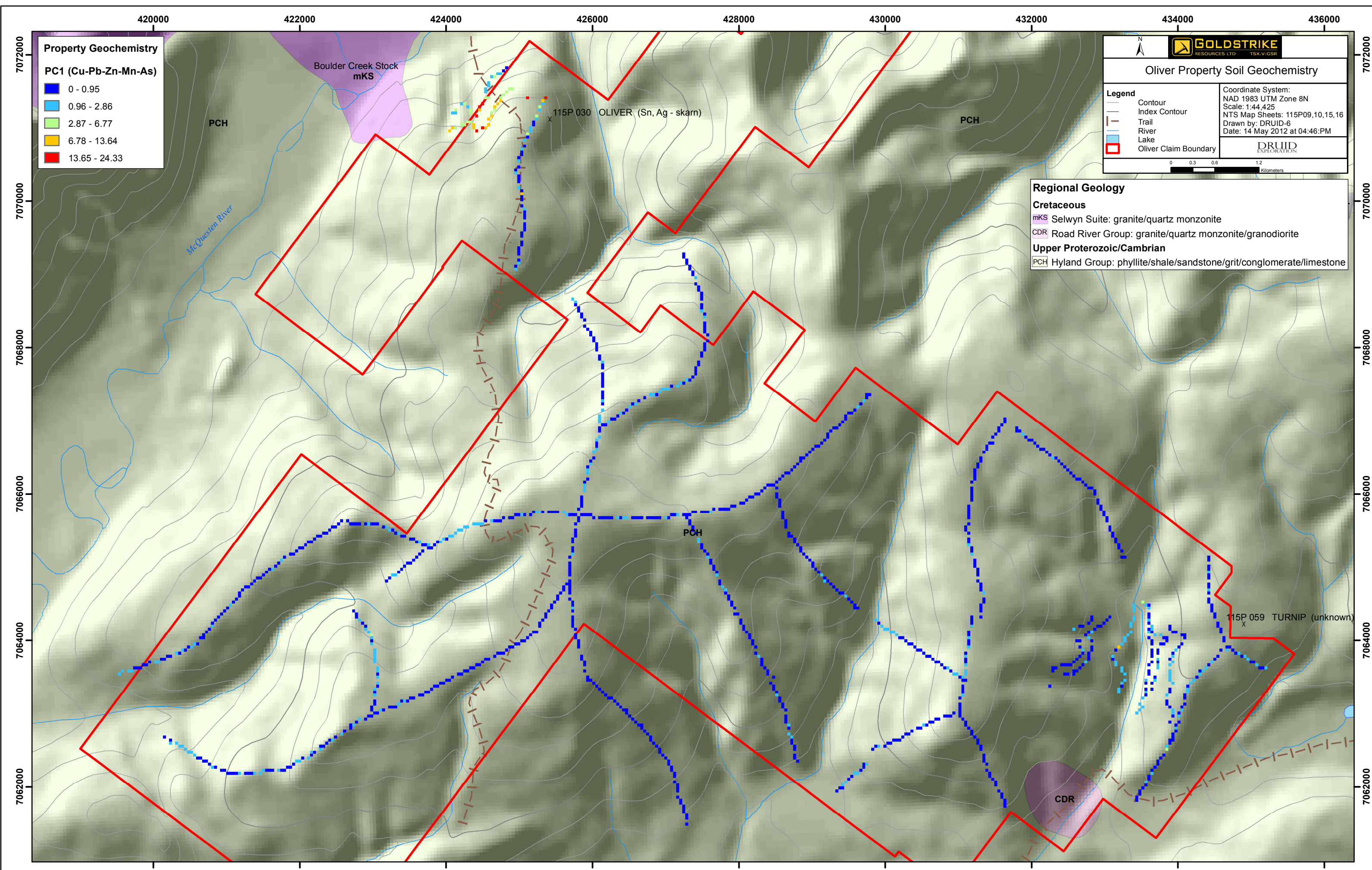


Figure 13: Tungsten-Copper-Iron-Bismuth Principal Component 1 displaying patterns of multi-element associations in the northwest (Oliver Prospect), southwest and southeast.

7.4 Summary of Exploratory Work

During the month of July a reconnaissance prospecting and soil sampling program was conducted on the Oliver Property. The program involved property scale prospecting over key areas of the property; plus 50 to 100 m soil sampling.

The area is extensively covered with vegetation and the occasional prospected outcrops consist of quartzite, phyllite throughout the majority of the property except the north which contained mafic rock. Two possible areas of tectonic movement are located in the southeast corner of the property and in the north. A zone of brecciated phyllite and quartzite is located in the north end of the property within the old trench workings and as part of a large 4 m exposure of bedrock. Anomalous values for gold (4,003 ppb), copper (>10,000), zinc (2,215 ppm), silver (>100 ppm), cobalt (>2,000 ppm), arsenic (>10,000 ppm), bismuth (>2,000 ppm), tungsten (>100 ppm), sulphur (8.31%) and selenium (>100 ppm) are found within the mafic rock located within the old trench workings at the northern end of the property.

Soil sampling was conducted to recover geochemical signatures for anomalous regional silt sample anomalies, placer creek occurrences and occurred upon ridge tops for easier access to the C soil horizon. The soil samples display a number of areas anomalous for gold (≥ 35.1 ppb) and 4 multi-element patterns: copper-lead-zinc-manganese-arsenic, gold-arsenic-antimony, copper-cobalt-iron-bismuth-tungsten and tungsten-copper-iron-bismuth. The elements of secondary interest on this property, copper-lead-zinc-tungsten, were found to strongly occupy northwestern area of the old Oliver Drilled Prospect workings. Smaller and weaker patterns also emerged within the southwestern and southeastern areas of the Oliver Property. Gold-arsenic-antimony multi-element occurrences are mainly located within three distinct areas: the northwestern portion of the Oliver prospect area, in the southwestern ridge of the current property boundary and west of the Turnip MINFILE location. Smaller potential areas for gold-arsenic-antimony also occur southeast of the Oliver Prospect, at the centre of the property and south of the Turnip prospect.

8. INTERPRETATION AND CONCLUSIONS

The reconnaissance prospecting program suggests the Oliver Property overlies an area of decreasing metamorphic grade from west to east with zones in the north (at the Oliver Prospect) and south that have experienced tectonic movement and fluid flow. A mineralized area is located in the north, by the Oliver Prospect, which returned anomalous values for gold (4,003 ppb), copper (>10,000) ppm, zinc (2,215 ppm), silver (>100 ppm), cobalt (>2,000 ppm), arsenic (>10,000 ppm), bismuth (>2,000 ppm), tungsten (>100 ppm), sulphur (8.31%) and selenium (>100 ppm). This mineralization is found in a dark silicified mafic with patches of dark green (epidote or arsenic alteration) with visible disseminated fine grained sulphides: pyrite, chalcopyrite and possible bornite.

The soil sampling program revealed a multi-element dominance mainly within the Oliver drilled prospect area with weaker, and smaller, occurrences in the southwest and southeast corners of the property. Gold correlated very weakly with both arsenic and antimony and was found to have a strong presence in the north, southwest and southeast portions of the property. Copper, lead and zinc correlated moderately with each other and are mainly

found within the Oliver prospect area. Tungsten correlates very strongly with bismuth and moderately with copper and iron. These associations are mainly located within the Oliver prospect area to the north with weaker patterns located to the southwest and southeast areas of the property.

In general, the mineralization found on the Oliver Property may consist of three multi-element geochemical signatures that are possibly related to the Cretaceous quartz-monzonite stocks that intrude the area. Signatures relating to copper-tungsten, copper-lead-zinc and gold-arsenic-antimony were found in multiple areas within the property. Showings, as well as regional silt and soil sampling, has revealed a strong correlation between gold, arsenic, antimony, tungsten and bismuth. This is typical of Tintina Gold Belt intrusive gold targets; such as Red Mountain (molybdenum-copper-gold porphyry) and Dublin Gulch (intrusion-related, vein-hosted gold) occurring elsewhere within the Selwyn Basin. The results from the Oliver Property are encouraging and further work is recommended within the north (Oliver prospect area), central, southwest and southeast areas.

9. RECOMMENDATIONS

Based on the 2011 field observations and examination of the results from previous exploration programs a drilling, trenching, soil sampling, detailed mapping, prospecting, historical compilation and the development of a Quality Assurance/Quality Control (QA/QC) program for the Oliver Drilled Prospect is recommended. Drilling, trenching and soil gridding is recommended to further examine the potential for economic mineralization in the vicinity of the Oliver and Turnip Showings. In addition, small soil sampling/prospecting programs over the anomalous gold soil sample areas located in the centre and southwestern areas of the property are also recommended. Future improvements on the existing access for drilling and trenching may also be advisable for the tote road that allows access to the property. The anticipated cost of the proposed program is approximately \$704,000.

10. PROPOSED 2012 EXPLORATION BUDGET

| Proposed Budget | Person-days | Units | Unit Cost | Cost | Sub-Total |
|----------------------|-------------|-------|-----------|--------------|-------------|
| Pre-Field | | | | | |
| Personnel | | | | | |
| Project Supervisor | 1 | | \$ 750.00 | \$ 750.00 | |
| Project Geologist | 2 | | \$ 600.00 | \$ 1,200.00 | |
| Geologist | 2 | | \$ 500.00 | \$ 1,000.00 | |
| Administration | 2 | | \$ 200.00 | \$ 400.00 | \$ 3,350.00 |
| Field Program | | | | | |
| Personnel | | | | | |
| Project Supervisor | 3 | | \$ 750.00 | \$ 2,250.00 | |
| Project Geologist | 35 | | \$ 600.00 | \$ 21,000.00 | |
| Geologist | 35 | | \$ 500.00 | \$ 17,500.00 | |

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| | | | | | |
|---------------------------------|-----|-------|------------|--------------|---------------|
| Field Assistant | 35 | | \$ 350.00 | \$ 12,250.00 | \$ 53,000.00 |
| Camp Support | | | | | |
| Core Shack Overhead | | 3 | \$1,600.00 | \$ 4,800.00 | |
| Food & Accommodation | 500 | | \$ 85.00 | \$ 42,500.00 | \$ 47,300.00 |
| Equipment Rental | | | | | |
| Splitter Plus Blades | 35 | | \$ 35.00 | \$ 1,225.00 | |
| Satellite Internet | 35 | | \$ 75.00 | \$ 2,625.00 | |
| Radios | 35 | | \$ 50.00 | \$ 1,750.00 | |
| Downhole Survey | 35 | | \$ 150.00 | \$ 5,250.00 | |
| Generator | 35 | | \$ 50.00 | \$ 1,750.00 | |
| Laptops | 35 | | \$ 75.00 | \$ 2,625.00 | \$ 15,225.00 |
| Costs | | | | | |
| Expediting | 35 | | \$ 25.00 | \$ 875.00 | |
| Travel | | 3 | \$1,000.00 | \$ 3,000.00 | |
| Fuel | 35 | 1000 | | \$ 35,000.00 | |
| QA/QC | | 3 | \$1,500.00 | \$ 4,500.00 | |
| Sample Supplies | 35 | | \$ 50.00 | \$ 1,750.00 | \$ 45,125.00 |
| Geochemistry | | | | | |
| Rock Samples | | 1000 | \$ 30.00 | \$ 30,000.00 | \$ 30,000.00 |
| Drilling | | | | | |
| NQ Drilling | | 3000 | \$ 125.00 | \$375,000.00 | |
| Reclamation | 3 | | \$1,200.00 | \$ 3,600.00 | \$378,600.00 |
| Transportation | | | | | |
| Truck | 70 | | \$ 85.00 | \$ 5,950.00 | |
| Helicopter | 35 | | \$1,000.00 | \$ 35,000.00 | |
| Sample Shipment | | 40000 | \$ 0.16 | \$ 6,400.00 | \$ 47,350.00 |
| Post-Field Personnel | | | | | |
| Project Supervision | 2 | | \$ 750.00 | \$ 1,500.00 | |
| Project Geologist | 15 | | \$ 600.00 | \$ 9,000.00 | |
| Geologist | 10 | | \$ 500.00 | \$ 5,000.00 | |
| Drafting | 7 | | \$ 500.00 | \$ 3,500.00 | |
| Office | 2 | | \$ 500.00 | \$ 1,000.00 | \$ 20,000.00 |
| Sub-Total | | | | | \$639,950.00 |
| 10% Contingency | | | | | \$ 63,995.00 |
| Total Proposed Budget | | | | | \$703, 945.00 |

DRUID EXPLORATION INC.

11. STATEMENT OF COSTS

| EXPLORATION COSTS ASSOCIATED WITH THE OLIVER PROPERTY BETWEEN -July-7th-2011 & July-26th-2011 | | O, OV & OV9A claims Staked between Nov-4th-2010 & March-7th-2011 | | |
|---|----------------------|---|--------------|----------------------|
| ITEM | SUPPLIER | COST/ UNIT | UNIT AMOUNT | TOTAL |
| Hughes 500D Helicopter + Fuel /Hr | Helidynamics | \$ 1,182.00 | 23.7 | \$ 28,013.40 |
| Hughes 500D Helicopter /hr -(minimums not flown, but charged) | Helidynamics | \$ 925.00 | 6.3 | \$ 5,827.50 |
| A-STAR - PRISIM + Fuel/Hr | Prisim Helicopters | \$ 1,940.00 | 3 | \$ 5,820.00 |
| ROCK ASSAY | ACME | \$ 28.88 | 10 | \$ 288.80 |
| SOIL ASSAY | ACME | \$ 18.00 | 1166 | \$ 20,988.00 |
| Project Geologist / Day | Druid Exploration | \$ 500.00 | 6 | \$ 3,000.00 |
| Geologist - Discovery consulting | Discovery Consulting | \$ 600.00 | 6 | \$ 3,600.00 |
| 6 x Soil Samplers = 300 x 6 /day | Druid Exploration | \$ 1,800.00 | 11 | \$ 19,800.00 |
| Cook | Druid Exploration | \$ 400.00 | 12 | \$ 4,800.00 |
| 2 x Prospector 2 x 350 / day | Korax Exploration | \$ 700.00 | 11 | \$ 7,700.00 |
| Hotel and Accomodation /\$ 129.00 / night (Pilot and Geologist-Dawson) | Bonanza Motel | \$ 129.00 | 4 | \$ 516.00 |
| Hotel and Accomodation /\$ 129.00 mob and de-mob nights 8 x 3 nights | Bonanza Motel | \$ 129.00 | 24 | \$ 3,096.00 |
| Camp Rental / day | Druid Exploration | \$ 1,000.00 | 11 | \$ 11,000.00 |
| Food \$30/man/day (10 man camp) | Independent | \$ 300.00 | 11 | \$ 3,300.00 |
| Truck Rental = \$140 x 2 | Norcan | \$ 280.00 | 11 | \$ 3,080.00 |
| Fuel + Food expediting / dilivery (Atlas) | Atlas Expediting | \$ 3,200.00 | 1 | \$ 3,200.00 |
| 1 x ATV rental \$75 each per day from Druid Exploration | Druid Exploration | \$ 75.00 | 11 | \$ 825.00 |
| Fuel - Automobile, ATV, Generator and Heating + Propane | Independent | \$ 825.00 | 1 | \$ 825.00 |
| Maps and drafting | Druid Exploration | \$ 800.00 | 1 | \$ 800.00 |
| Report preperation | Takom Exploration | \$ 2,500.00 | 1 | \$ 2,500.00 |
| Satelite internet and satelite telephone rental + installation | Independent | \$ 1,850.00 | 1 | \$ 1,850.00 |
| Mobile office equipment rental from Druid Exploration - (Laptop,Printer,Software + Surge protector) | Druid Exploration | \$ 65.00 | 11 | \$ 715.00 |
| | | | TOTAL | \$ 131,544.70 |

| EXPLORATION COSTS ASSOCIATED WITH THE OLIVER (OV) PROPERTY BETWEEN - 2011 | | OVX CLAIMS Staked on 28-7-2011 | | |
|---|--|--|--------------|--------------------|
| | | Worked between: 29th and the 31st of 07-2011 | | |
| ITEM | | COST/ UNIT | UNIT AMOUNT | TOTAL |
| A-STAR - PRISIM + Fuel/Hr | | \$ 1,940.00 | 3.5 | \$ 6,790.00 |
| ROCK ASSAY | | \$ 28.88 | 21 | \$ 606.48 |
| SOIL ASSAY | | \$ 18.00 | 47 | \$ 846.00 |
| SILT ASSAY | | \$ 18.00 | 0 | \$ - |
| Project Geologist / Day | | \$ 500.00 | 1 | \$ 500.00 |
| Soil Samplers = 300 /day | | \$ 300.00 | 1 | \$ 300.00 |
| Prospector 1 x 350 / day | | \$ 350.00 | 1 | \$ 350.00 |
| | | | TOTAL | \$ 9,392.48 |

12. REFERENCES


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- Smith, C.A.S., Meikle, J.C., and Roots, C.F. (editors), 2004. Ecoregions of the Yukon Territory: Biophysical properties of Yukon landscapes. Agriculture and Agri-Food Canada, PARC Technical Bulletin No. 04-01, Summerland, British Columbia, 313 p.
- Woodsend, A. (1981). Campbell Resources Inc. Assessment Report Geochemistry Survey, Flag Claims 1 to 12, Yukon Territory, Yukon Energy, Mines, and Resources Assessment Report 090809.
- Yukon Abandoned Mine Assessment Oliver (Boulder Creek) Mine Site (1998). Prepared for Waste Management Program Indian and Northern Affairs Canada & Environmental Services Public Works and Government Services Canada.
- Q-Q and histogram plots created using Antaeus data visualization (<http://www.antaeus-data.com/>)
- Tables and correlation statistics created with Microsoft Excel 2010.
- Maps and Principal Component Analysis created in Esri ArGIS 10.

13. STATEMENT OF QUALIFICATIONS

I, Diana M. Benz, of 10817 Jensen Road, Prince George, B.C., do hereby certify that:

1. I compiled the information based on documentation received from Druid Exploration.
2. I authored all sections of this report on the Oliver Property located within the Mayo Mining District, Yukon with the assistance of Daithi Mac Gearailt, B.Sc.
3. I graduated from the University of Windsor, ON in 2006 with a M.Sc. in Earth Sciences, and I am currently a Ph.D. candidate in the Natural Resources and Environmental Studies program at the University of Northern British Columbia.
4. I have regularly updated and expanded my geological knowledge through short courses offered at the BC Association for Mineral Exploration annual conference and by attending conferences and lecture series.
5. From 1996 until present I have practiced geological sciences in the mining and mineral exploration sector.
6. I have been a member of the BC Association of Mineral Exploration since 2004.

Dated at: PRINCE GEORGE, BC the 15 day of MAY 2012.



Diana Benz
Discovery Consultants Ltd.

APPENDIX A
FIELD MAPPING STATIONS AND DESCRIPTIONS



| | |
|--------------------|-------------------|
| Property: | OLIVER |
| Project Geologist: | Ryan Libke |
| GPS Datum & Zone: | UTM NAD83 Zone 8N |
| Lab: | ACME Labs |

| Date | Rock Sampler | ID (notes) | Lab Tag Number | UTM Northing | UTM Easting | Elevation |
|-----------|----------------------------|------------|----------------|--------------|-------------|-----------|
| 21-Apr-11 | Daithi MacGearailt | | 1128451 | | | |
| 26-Jul-11 | Tom Morgan | | 1217931 | 7071057.49 | 424560.28 | 885 |
| 26-Jul-11 | Tom Morgan | | 1217930 | 7071071.60 | 424544.27 | 887 |
| 26-Jul-11 | Tom Morgan | | 1217929 | 7071146.77 | 424739.49 | 970 |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | outcrop | 1217928 | 7071146.77 | 424739.49 | 970 |
| 26-Jul-11 | Tom Morgan | | 1217927 | 7071172.34 | 424792.74 | 976 |
| 26-Jul-11 | Tom Morgan | | 1217926 | 7071172.34 | 424792.74 | 976 |
| 26-Jul-11 | Tom Morgan | | 1217925 | 7071444.63 | 425333.32 | 925 |
| 26-Jul-11 | Tom Morgan | | 1217924 | 7071444.63 | 425333.32 | 996 |
| 26-Jul-11 | Tom Morgan | | 1217923 | 7071279.56 | 424972.52 | 996 |
| 27-Jul-11 | Michael Glynn | float | 1207712 | 7071362.31 | 425356.96 | 930 |
| 26-Jul-11 | Michael Glynn | float | 1207711 | 7071394.81 | 425124.35 | 978 |
| 25-Jul-11 | Michael Glynn | float | 1207710 | 7065224.04 | 425410.78 | 1510 |
| 25-Jul-11 | Michael Glynn | float | 1207709 | 7065314.53 | 425440.76 | 1525 |
| 25-Jul-11 | Michael Glynn | float | 1207708 | 7065212.32 | 425408.49 | 1512 |
| 25-Jul-11 | Michael Glynn | float | 1207707 | 7065219.66 | 425410.06 | 1515 |
| 17-Jul-11 | Michael Glynn | float | 1207706 | 7065169.57 | 425138.15 | 1444 |
| 17-Jul-11 | Michael Glynn | float | 1207705 | 7065291.88 | 425192.35 | 1468 |
| 17-Jul-11 | Michael Glynn | float | 1207704 | 7065537.48 | 425259.37 | 1534 |
| 15-Jul-11 | Michael Glynn | subcrop | 1207703 | 7066064.72 | 428318.94 | 1469 |
| 8-Jul-11 | Michael Glynn | outcrop | 1207702 | 7062738.00 | 433207.00 | |
| 8-Jul-11 | Michael Glynn | outcrop | 1207701 | 7062747.00 | 433199.00 | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | float | 1204270 | 7070974.00 | 424557.00 | |

| |
|--------------------|
| Property: |
| Project Geologist: |
| GPS Datum & Zone: |
| Lab: |

| Date | Rock Sampler | ID (notes) | Lab Tag Number | Description | Photo |
|-----------|----------------------------|------------|----------------|---|---------------------|
| 21-Apr-11 | Daithi MacGearailt | | 1128451 | taken while staking, sent to ALS ME-ICP41 and Au-ICP22 | |
| 26-Jul-11 | Tom Morgan | | 1217931 | quartz breccia with azurite/malachite in carbonate fracture fills + disseminations | |
| 26-Jul-11 | Tom Morgan | | 1217930 | quartz chloritic breccia sulphide disseminations + fracture fills | |
| 26-Jul-11 | Tom Morgan | | 1217929 | 5 m from 1217928 up dip quartz breccia, limonitic | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | outcrop | 1217928 | on the way to TR04, 4 m tall outcrop of breccia overlying phyllites, copper minerals present, heavily silicified stringer stockwork and incorporated wall rock, black mafics, very rusted out patches, quartz infilled voids, note: some of dark black/grey rock especially in 'breccia' areas are smooth/greasy to the touch (phyllites?), malachite, limonite sheared breccia footwall, mafic porphyry dike on footwall | |
| 26-Jul-11 | Tom Morgan | | 1217927 | quartz carbonate, oxidized breccia 5 m up trench from 1217926 | |
| 26-Jul-11 | Tom Morgan | | 1217926 | malachite/chalcocopyrite, chalcedonic quartz breccia in quartzite schist | |
| 26-Jul-11 | Tom Morgan | | 1217925 | taken in same location as 1204261 | |
| 26-Jul-11 | Tom Morgan | | 1217924 | taken in same location as 1204261 | |
| 26-Jul-11 | Tom Morgan | | 1217923 | structure 50NE strike, dip 75SE, quartz vein with malachite, azurite, chalcocopyrite, sphalerite, pyrrhotite in quartzite schist, bedding fractures 10-15N | |
| 27-Jul-11 | Michael Glynn | float | 1207712 | grab, float, from south end of old trench, silicified quartzite with chalcocopyrite, and pyrite (arsenopyrite?), rust weathering, and heli pad | missing sample book |
| 26-Jul-11 | Michael Glynn | float | 1207711 | grab, float?, from southwest edge of old trench, highly oxidized quartz fragments + crystal breccia, bright orange + red/brown oxides, many voids, well weathered sample | missing sample book |
| 25-Jul-11 | Michael Glynn | float | 1207710 | grab, float, from washed out old road, silicified quartzite with discordant quartz veins 1.5 cm wide, limonitic throughout quartz veins | missing sample book |
| 25-Jul-11 | Michael Glynn | float | 1207709 | grab, float, from washed out old road, silicified quartzite with rare quartz veins along strain fabrics, limonitic along strain + quartz vein contacts, Mn stain weathering + dark brown colour over all | missing sample book |
| 25-Jul-11 | Michael Glynn | float | 1207708 | grab, float, exposed along washed out old road, silicified quartzite with white + dark quartz "eyes" to 15 m along strain fabrics, limonitic zones along strain | missing sample book |
| 25-Jul-11 | Michael Glynn | float | 1207707 | grab, float, exposed along washed out old road, quartz in phyllitic quartzite, limonitic zones along phyllite partings + quartz contacts, typical metamorphic affects in this area | missing sample book |
| 17-Jul-11 | Michael Glynn | float | 1207706 | grab float quartz?, muscovite +/- or phyllite schist with limonite zones and aqua green silicate mineral....? Cu? | missing sample book |
| 17-Jul-11 | Michael Glynn | float | 1207705 | grab float, quartz with muscovite schist and phyllitic zones: from shearing event(s)- limonitic through out | missing sample book |
| 17-Jul-11 | Michael Glynn | float | 1207704 | grab float, phyllitic quartzite with concordant quartz veins, limonitic and Mn rich along quartz veins and fracture planes, also good heli pad | missing sample book |
| 15-Jul-11 | Michael Glynn | subcrop | 1207703 | grab from felsenmere/subcrop, siliceous quartzite with porphyritic texture, ~20% sub angular clasts of relic k-spars(?) up to 4 mm by 7 mm, hardness of clasts 1-2 + chalky textures, no fissures with HCl acid (10%), limonitic weathering along fracture planes and rare micro quartz veins, some zones +/- or "eyes" of dark glassy quartz, large outcrop in area | missing sample book |
| 8-Jul-11 | Michael Glynn | outcrop | 1207702 | rock, in situ, grab, dark grey, silicified quartzite with many micro fractures, filled with quartz, some Mn rich zones with rare fresh silvery pyrites and rusty pyrites from within shear/thrust zone, found by Miles | missing sample book |
| 8-Jul-11 | Michael Glynn | outcrop | 1207701 | rock, in situ, grab, meta sed - quartzite with uni-directional quartz veins micro to 1 cm wide, golden brown stain and weathering, from within graphitic zone of shear/thrust fault | missing sample book |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | float | 1204270 | Trench float. Qtz with malachite. Black patches along frac. | |



| |
|--------------------|
| Property: |
| Project Geologist: |
| GPS Datum & Zone: |
| Lab: |

| | | | | | | | | |
|---------|------|-----|-----|-----|-----|-----|-----|-----|
| Method | WGHT | 3A | 1D | 1D | 1D | 1D | 1D | 1D |
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni |
| Unit | KG | PPB | PPM | PPM | PPM | PPM | PPM | PPM |
| MDL | 0.01 | 0.5 | 1 | 1 | 3 | 1 | 0.3 | 1 |
| Method | WGHT | 3B | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX |
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni |
| Unit | KG | PPB | PPM | PPM | PPM | PPM | PPM | PPM |
| MDL | 0.01 | 2 | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 |

| Date | Rock Sampler | ID (notes) | Lab Tag Number | Date Shipped | Shipping Number | Lab_ID | Certificate | Method | Wt_kg | Au1_ppb | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm |
|-----------|----------------------------|------------|----------------|--------------|-----------------|---------|-------------|---------------------|-------|---------|--------|----------|--------|--------|--------|--------|
| 21-Apr-11 | Daithi MacGearailt | | 1128451 | | | 1128451 | WH11040389 | ME-ICP41 & Au-ICP22 | | | <1 | 9 | 8 | 25 | <0.2 | 6 |
| 26-Jul-11 | Tom Morgan | | 1217931 | 3-Aug-11 | OV RV-1 | 1217931 | WHI11000917 | 3B & IDX | 0.96 | <2 | 1.7 | 1839.2 | 1619.7 | 433 | 14.5 | 14 |
| 26-Jul-11 | Tom Morgan | | 1217930 | 3-Aug-11 | OV RV-1 | 1217930 | WHI11000917 | 3B & IDX | 1.3 | 6 | 4.8 | 6310.8 | 4530.7 | 845 | >100.0 | 17.6 |
| 26-Jul-11 | Tom Morgan | | 1217929 | 3-Aug-11 | OV RV-1 | 1217929 | WHI11000917 | 3B & IDX | 1.06 | <2 | 2.5 | 3046.8 | 1006.5 | 902 | 80.6 | 5.1 |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | outcrop | 1217928 | 3-Aug-11 | OV RV-1 | 1217928 | WHI11000917 | 3B & IDX | 1.08 | <2 | 3.2 | >10000.0 | 602.2 | 407 | 5.8 | 6.6 |
| 26-Jul-11 | Tom Morgan | | 1217927 | 3-Aug-11 | OV RV-1 | 1217927 | WHI11000941 | 3B & IDX | 1.37 | 6 | 8.7 | 3150.4 | 1350.9 | 2714 | 64.1 | 9.2 |
| 26-Jul-11 | Tom Morgan | | 1217926 | 3-Aug-11 | OV RV-1 | 1217926 | WHI11000941 | 3B & IDX | 1.54 | <2 | 1.9 | 3095.3 | 1008 | 375 | 55.1 | 4.3 |
| 26-Jul-11 | Tom Morgan | | 1217925 | 28-Jul-11 | #3 | 1217925 | WHI11000941 | 3B & IDX | 0.93 | 4003 | 5.6 | 6559.7 | 1247.5 | 1744 | >100.0 | 102.1 |
| 26-Jul-11 | Tom Morgan | | 1217924 | 28-Jul-11 | #3 | 1217924 | WHI11000941 | 3B & IDX | 1.55 | <2 | 18.9 | 863.9 | 149.7 | 738 | 6 | 7 |
| 26-Jul-11 | Tom Morgan | | 1217923 | 28-Jul-11 | #3 | 1217923 | WHI11000941 | 3B & IDX | 2.32 | 3 | 21.9 | >10000.0 | 2643.1 | 2215 | >100.0 | 8 |
| 27-Jul-11 | Michael Glynn | float | 1207712 | 28-Jul-11 | #3 | 1207712 | WHI11000941 | 3B & IDX | 0.54 | 15 | 0.1 | 522 | 16.4 | 109 | 0.9 | 30.2 |
| 26-Jul-11 | Michael Glynn | float | 1207711 | 28-Jul-11 | #3 | 1207711 | WHI11000941 | 3B & IDX | 0.65 | 3 | 15.8 | 406.4 | 565.2 | 556 | 4.5 | 11.9 |
| 25-Jul-11 | Michael Glynn | float | 1207710 | 28-Jul-11 | #3 | 1207710 | WHI11000941 | 3B & IDX | 0.74 | 4 | 0.2 | 4.4 | 3.6 | 10 | <0.1 | 4.4 |
| 25-Jul-11 | Michael Glynn | float | 1207709 | 28-Jul-11 | #3 | 1207709 | WHI11000941 | 3B & IDX | 0.77 | <2 | 0.3 | 7.9 | 57.8 | 25 | <0.1 | 20.4 |
| 25-Jul-11 | Michael Glynn | float | 1207708 | 28-Jul-11 | #3 | 1207708 | WHI11000941 | 3B & IDX | 0.56 | <2 | 0.2 | 4.2 | 8.6 | 15 | <0.1 | 4.6 |
| 25-Jul-11 | Michael Glynn | float | 1207707 | 28-Jul-11 | #3 | 1207707 | WHI11000941 | 3B & IDX | 0.52 | <2 | 0.2 | 5.1 | 19.2 | 29 | <0.1 | 10.5 |
| 17-Jul-11 | Michael Glynn | float | 1207706 | 18-Jul-11 | | 1207706 | WHI11000674 | 3A & 1D | 1.01 | 1.7 | <1 | 304 | <3 | 66 | <0.3 | 21 |
| 17-Jul-11 | Michael Glynn | float | 1207705 | 18-Jul-11 | | 1207705 | WHI11000674 | 3A & 1D | 0.65 | 0.6 | <1 | <1 | 6 | 170 | <0.3 | 60 |
| 17-Jul-11 | Michael Glynn | float | 1207704 | 18-Jul-11 | | 1207704 | WHI11000674 | 3A & 1D | 0.8 | <0.5 | <1 | 6 | 5 | 22 | <0.3 | 7 |
| 15-Jul-11 | Michael Glynn | subcrop | 1207703 | 18-Jul-11 | | 1207703 | WHI11000674 | 3A & 1D | 0.8 | <0.5 | <1 | 4 | <3 | 11 | <0.3 | 4 |
| 8-Jul-11 | Michael Glynn | outcrop | 1207702 | 18-Jul-11 | | 1207702 | WHI11000674 | 3A & 1D | 0.59 | 1 | <1 | 4 | 9 | 17 | <0.3 | 4 |
| 8-Jul-11 | Michael Glynn | outcrop | 1207701 | 18-Jul-11 | | 1207701 | WHI11000674 | 3A & 1D | 0.99 | 8.1 | <1 | 5 | 6 | 29 | <0.3 | 13 |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | float | 1204270 | 3-Aug-11 | OV RV-1 | 1204270 | WHI11000917 | 3B & IDX | 0.8 | <2 | 0.2 | 320.5 | 385.1 | 470 | 2.1 | 4.3 |



| | | | | | | | | | | | | | | | | | |
|--------------------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|-----|-----|------|
| Property: | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg |
| Project Geologist: | PPM | PPM | % | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | % | % | PPM | PPM | % |
| GPS Datum & Zone: | 1 | 2 | 0.01 | 2 | 8 | 2 | 2 | 1 | 0.5 | 3 | 3 | 1 | 0.01 | 0.001 | 1 | 1 | 0.01 |
| Lab: | Co | Mn | Fe | As | | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg |
| | PPM | PPM | % | PPM | | PPB | PPM | PPM | PPM | PPM | PPM | PPM | % | % | PPM | PPM | % |

| Date | Rock Sampler | ID (notes) | Lab Tag Number | Co_ppm | Mn_ppm | Fe_pct | As_ppm | U_ppm | Au_ppb | Th_ppm | Sr_ppm | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | |
|-----------|----------------------------|------------|----------------|---------|--------|--------|----------|-------|--------|--------|--------|--------|--------|---------|-------|--------|-------|--------|--------|--------|------|
| | | | | 0.1 | 1 | 0.01 | 0.5 | | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | |
| 21-Apr-11 | Daithi MacGearailt | | 1128451 | 2 | 567 | 11.35 | 17 | <10 | 7 | <20 | 52 | <0.5 | 4 | 2 | 4 | 1.54 | 60 | <10 | 5 | 0.61 | |
| 26-Jul-11 | Tom Morgan | | 1217931 | 30.9 | 7354 | 15.58 | 9 | | 1.9 | 7.8 | 2 | 1.8 | <0.1 | | 18.1 | 43 | 0.06 | 0.025 | 8 | 48 | 0.82 |
| 26-Jul-11 | Tom Morgan | | 1217930 | 379.7 | 2516 | 8.99 | 2034.7 | | 10.2 | 0.9 | 13 | 5 | 0.5 | 319.5 | 12 | 0.02 | 0.002 | 9 | 3 | 0.27 | |
| 26-Jul-11 | Tom Morgan | | 1217929 | 5.4 | 1007 | 6 | 194.2 | | 8.8 | 3.9 | 5 | 2.3 | 1.4 | 88 | 14 | 0.02 | 0.011 | 9 | 15 | 0.14 | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | outcrop | 1217928 | 4.3 | 1023 | 3.68 | 60 | | 2.5 | 3.5 | 2 | 1.4 | <0.1 | | 9.7 | 13 | 0.01 | 0.006 | 6 | 12 | 0.19 |
| 26-Jul-11 | Tom Morgan | | 1217927 | 8.3 | 898 | 5.98 | 161.6 | | 7.2 | 5.7 | 8 | 6.1 | 3 | 126.1 | 17 | 0.05 | 0.011 | 18 | 18 | 0.12 | |
| 26-Jul-11 | Tom Morgan | | 1217926 | 15.6 | 1769 | 5.71 | 113.7 | | 4.6 | 4.7 | 4 | 1.4 | 0.3 | 61.4 | 11 | <0.01 | 0.003 | 7 | 13 | 0.16 | |
| 26-Jul-11 | Tom Morgan | | 1217925 | >2000.0 | 946 | 20.18 | >10000.0 | | 3872.9 | 11.6 | 27 | 35.7 | 86.9 | >2000.0 | <2 | 0.13 | 0.067 | 14 | 14 | 0.21 | |
| 26-Jul-11 | Tom Morgan | | 1217924 | 6.8 | 1103 | 3.7 | 48.6 | | 0.6 | 3.2 | 4 | 1.8 | 0.2 | 22.8 | 15 | 0.02 | 0.007 | 7 | 15 | 0.25 | |
| 26-Jul-11 | Tom Morgan | | 1217923 | 31.3 | 2316 | 6.93 | 94.2 | | 2.4 | 2 | 3 | 12.5 | 0.4 | 105.4 | 20 | 0.02 | 0.005 | 7 | 16 | 0.21 | |
| 27-Jul-11 | Michael Glynn | float | 1207712 | 14.1 | 540 | 7.61 | 10.5 | | 11.7 | 3.8 | 349 | 1 | 0.2 | 5.3 | 16 | 2.82 | 0.078 | 5 | 16 | 0.29 | |
| 26-Jul-11 | Michael Glynn | float | 1207711 | 1.6 | 113 | 15.81 | 56.1 | | 4.3 | 6.6 | 4 | 2.1 | 5.9 | 53.7 | 15 | 0.02 | 0.014 | 13 | 9 | 0.03 | |
| 25-Jul-11 | Michael Glynn | float | 1207710 | 2.4 | 264 | 0.77 | 4.8 | | 6.6 | 9.3 | 5 | <0.1 | 0.1 | <0.1 | <2 | <0.01 | 0.006 | 15 | 2 | 0.02 | |
| 25-Jul-11 | Michael Glynn | float | 1207709 | 6.3 | 2208 | 1.4 | 1 | <0.5 | | 6.5 | 6 | 0.3 | 0.1 | 0.6 | <2 | <0.01 | 0.009 | 18 | 5 | 0.08 | |
| 25-Jul-11 | Michael Glynn | float | 1207708 | 4.6 | 309 | 0.69 | 3 | <0.5 | | 7.5 | 5 | <0.1 | 0.5 | <0.1 | <2 | 0.01 | 0.007 | 18 | 3 | 0.01 | |
| 25-Jul-11 | Michael Glynn | float | 1207707 | 3.1 | 398 | 1.49 | 5.1 | <0.5 | | 1.3 | 3 | <0.1 | 0.1 | 0.3 | 3 | <0.01 | 0.002 | 3 | 6 | 0.19 | |
| 17-Jul-11 | Michael Glynn | float | 1207706 | 10 | 695 | 1.73 | <2 | <8 | <2 | | 3 | 7 | <0.5 | <3 | <3 | 5 | 0.37 | 0.025 | 21 | 8 | 0.7 |
| 17-Jul-11 | Michael Glynn | float | 1207705 | 21 | 1009 | 7.27 | 3 | <8 | <2 | | 4 | 10 | <0.5 | <3 | 8 | 28 | 0.08 | 0.033 | 10 | 19 | 1.93 |
| 17-Jul-11 | Michael Glynn | float | 1207704 | 2 | 297 | 1.29 | 3 | <8 | <2 | | 5 | 6 | <0.5 | <3 | <3 | 3 | 0.01 | 0.006 | 12 | 5 | 0.02 |
| 15-Jul-11 | Michael Glynn | subcrop | 1207703 | 2 | 97 | 1.09 | 5 | <8 | <2 | | 5 | 6 | <0.5 | <3 | <3 | 3 | 0.02 | 0.01 | 10 | 4 | 0.02 |
| 8-Jul-11 | Michael Glynn | outcrop | 1207702 | 2 | 578 | 1.22 | 3 | <8 | <2 | | 6 | 30 | <0.5 | <3 | <3 | 6 | 0.84 | 0.007 | 11 | 7 | 0.35 |
| 8-Jul-11 | Michael Glynn | outcrop | 1207701 | 5 | 599 | 2.21 | 9 | <8 | | 3 | 6 | 53 | <0.5 | <3 | <3 | 8 | 1.42 | 0.01 | 15 | 9 | 0.89 |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | float | 1204270 | 1.1 | 467 | 1.17 | 256.3 | | 2.1 | 1.2 | 3 | 2.2 | 0.2 | 2.2 | 3 | 0.02 | 0.008 | 1 | 4 | 0.14 | |



| | | | | | | | | | | | | | | | | |
|--------------------|-----|------|-----|------|------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|----------|
| Property: | Ba | Ti | B | Al | Na | K | W | S | | | | | | | | |
| Project Geologist: | PPM | % | PPM | % | % | % | PPM | % | | | | | | | | |
| GPS Datum & Zone: | 1 | 0.01 | 20 | 0.01 | 0.01 | 0.01 | 2 | 0.05 | | | | | | | | |
| Lab: | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | | 1DX | 1DX | 1DX | 1DX | | | ME-ICP41 |
| | Ba | Ti | B | Al | Na | K | W | S | Hg | Tl | Sc | Se | Ga | Te | Be | |
| | PPM | % | PPM | % | % | % | PPM | pct | PPM | PPM | PPM | PPM | PPM | PPM | PPM | |

| Date | Rock Sampler | ID (notes) | Lab Tag Number | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | S_pct | Hg_ppm | Tl_ppm | Sc_ppm | Se_ppm | Ga_ppm | Te_ppm | Be_ppm |
|-----------|----------------------------|------------|----------------|--------|--------|-------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| 21-Apr-11 | Daithi MacGearailt | | 1128451 | 20 | <0.01 | <10 | 0.17 | 0.03 | 0.05 | <10 | >10.0 | <1 | <10 | 1 | <10 | | | <0.5 |
| 26-Jul-11 | Tom Morgan | | 1217931 | 7 | 0.012 | <20 | 5.79 | <0.001 | 0.03 | <0.1 | <0.05 | <0.01 | <0.1 | 7 | 1 | 23 | <0.2 | |
| 26-Jul-11 | Tom Morgan | | 1217930 | 348 | 0.005 | <20 | 2.8 | <0.001 | 0.02 | 0.1 | 0.52 | 0.01 | 0.2 | 2.7 | 14.4 | 16 | 0.2 | |
| 26-Jul-11 | Tom Morgan | | 1217929 | 29 | 0.004 | <20 | 1.47 | <0.001 | 0.02 | <0.1 | <0.05 | 0.03 | 0.2 | 1.6 | 14.2 | 8 | <0.2 | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | outcrop | 1217928 | 17 | 0.002 | <20 | 1.5 | <0.001 | 0.06 | 0.1 | <0.05 | <0.01 | 0.2 | 1.6 | <0.5 | | 7 | <0.2 |
| 26-Jul-11 | Tom Morgan | | 1217927 | 62 | 0.002 | <20 | 1.22 | <0.001 | 0.07 | <0.1 | 0.06 | <0.01 | 1 | 1.6 | 1.9 | 8 | <0.2 | |
| 26-Jul-11 | Tom Morgan | | 1217926 | 276 | 0.004 | <20 | 1.88 | <0.001 | 0.02 | <0.1 | 0.1 | <0.01 | 0.1 | 1.7 | 2.7 | 9 | <0.2 | |
| 26-Jul-11 | Tom Morgan | | 1217925 | 4 | 0.007 | <20 | 1.92 | 0.022 | 0.09 | >100.0 | 8.31 | <0.01 | 0.5 | 2.5 | >100.0 | | 19 | 0.4 |
| 26-Jul-11 | Tom Morgan | | 1217924 | 23 | 0.003 | <20 | 1.43 | 0.001 | 0.1 | 0.1 | <0.05 | 0.02 | 0.2 | 1.5 | 0.8 | 6 | <0.2 | |
| 26-Jul-11 | Tom Morgan | | 1217923 | 93 | 0.005 | <20 | 2.02 | <0.001 | 0.01 | <0.1 | 0.54 | 0.01 | 0.2 | 2.4 | 6 | 10 | <0.2 | |
| 27-Jul-11 | Michael Glynn | float | 1207712 | 38 | 0.058 | <20 | 4.84 | 0.414 | 0.04 | 4.9 | 4.06 | <0.01 | 0.6 | 1.8 | 1.3 | 12 | <0.2 | |
| 26-Jul-11 | Michael Glynn | float | 1207711 | 47 | 0.002 | <20 | 0.37 | 0.004 | 0.1 | 0.1 | 0.06 | 0.03 | 0.4 | 0.8 | 2.9 | 4 | 0.3 | |
| 25-Jul-11 | Michael Glynn | float | 1207710 | 48 | <0.001 | <20 | 0.19 | 0.011 | 0.1 | <0.1 | <0.05 | 0.02 | <0.1 | 0.4 | <0.5 | <1 | <0.2 | |
| 25-Jul-11 | Michael Glynn | float | 1207709 | 207 | 0.001 | <20 | 0.29 | 0.02 | 0.07 | <0.1 | <0.05 | <0.01 | <0.1 | 0.8 | <0.5 | <1 | <0.2 | |
| 25-Jul-11 | Michael Glynn | float | 1207708 | 46 | <0.001 | <20 | 0.2 | 0.007 | 0.09 | <0.1 | <0.05 | 0.02 | <0.1 | 0.4 | <0.5 | <1 | <0.2 | |
| 25-Jul-11 | Michael Glynn | float | 1207707 | 46 | 0.002 | <20 | 0.44 | 0.005 | 0.07 | 0.2 | <0.05 | 0.02 | <0.1 | 0.8 | <0.5 | 1 | <0.2 | |
| 17-Jul-11 | Michael Glynn | float | 1207706 | 99 | <0.01 | <20 | 1 | <0.01 | 0.11 | <2 | <0.05 | | | | | | | |
| 17-Jul-11 | Michael Glynn | float | 1207705 | 36 | 0.01 | <20 | 3.74 | 0.04 | 0.07 | <2 | <0.05 | | | | | | | |
| 17-Jul-11 | Michael Glynn | float | 1207704 | 48 | <0.01 | <20 | 0.28 | 0.01 | 0.1 | <2 | <0.05 | | | | | | | |
| 15-Jul-11 | Michael Glynn | subcrop | 1207703 | 20 | <0.01 | <20 | 0.25 | <0.01 | 0.04 | <2 | <0.05 | | | | | | | |
| 8-Jul-11 | Michael Glynn | outcrop | 1207702 | 56 | <0.01 | <20 | 0.12 | 0.03 | 0.02 | <2 | <0.05 | | | | | | | |
| 8-Jul-11 | Michael Glynn | outcrop | 1207701 | 63 | <0.01 | <20 | 0.3 | 0.03 | 0.11 | <2 | <0.05 | | | | | | | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | float | 1204270 | 13 | <0.001 | <20 | 0.41 | 0.004 | 0.03 | <0.1 | <0.05 | <0.01 | <0.1 | 0.4 | <0.5 | | 1 | <0.2 |

| Date | Rock Sampler | ID (notes) | Lab Tag Number | UTM Northing | UTM Easting | Elevation |
|-----------|----------------------------|------------|----------------|--------------|-------------|-----------|
| 31-Jul-11 | Tom Morgan/Edward Dashwood | | 1204269 | 7071063.00 | 424555.00 | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | | 1204268 | 7071058.00 | 424555.00 | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | float | 1204267 | 7071058.00 | 424557.00 | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | subcrop | 1204266 | 7071058.00 | 424557.00 | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | float | 1204265 | 7071278.00 | 425034.00 | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | outcrop | 1204264 | 7071285.00 | 424971.00 | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | float | 1204263 | 7071368.00 | 425104.00 | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | outcrop | 1204262 | 7071477.00 | 425306.00 | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | outcrop | 1204261 | 7071440.00 | 425336.00 | |

| Date | Rock Sampler | ID (notes) | Lab Tag Number | Description | Photo |
|-----------|----------------------------|------------|----------------|--|-------|
| 31-Jul-11 | Tom Morgan/Edward Dashwood | | 1204269 | Yellowish green patched black med grain rock. Silvery sulphide diss throughout. Green patches epi? Very rusty and oxid, hard to ID. Qtz lenses and stringers throughout. No good fresh surface. | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | | 1204268 | Massive silvery sulphide diss throughout 20-25% fine grained. Dark grey country rock. Zones of olive green alteration (epidote? Arsenic alteration?) silicified very rusted out in patches. Rare stringer vnlt <1mm notably heavy. | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | float | 1204267 | Mafics/meta seds? Silicified zone in float similar to rock seen in prev trenches. Silver metallic sulphide blebs and v fine diss throughout <1%. | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | subcrop | 1204266 | Trench sloughed in, sample found along wall partially buried. Dark mudstone (not silicified) with qtz stringer 2-4mm. Malachite throughout and on fract. | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | float | 1204265 | Debris in trench excavation pile. Trench float. Resilicified brecciated rock. Silica rich matrix with clasts of phyllite and mafics/seds within it from 1mm to 4mm in diameter. Cubic pyrite and chalco present. Malachite present. Unidentified silver mineral similar to previous trench sample from below present. All <1%. | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | outcrop | 1204264 | TR02 runs at 335 1.0-2.0m wide zone. Dark silicified mafic/sed rock hosting mineralization. Stringer stockwork qtz veins 1mm-3mm wide. Azurite and malachite present on fractures and in rock. Diss chalco present throughout very yellow for chalco (...) <1%. Diss pyrite also present <1%. Rare bornite. Zone bookended by phyllites. Zone trends at approx. 235/55. | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | float | 1204263 | Taken along what we think is the structure in older trench. Mostly float material. Silicified mafics/seds with diss fine gr sulphides. (pyr, chalco, silvery ones from before. <1% (maybe bornite too?) Actinolite radial crystals present. | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | outcrop | 1204262 | Mafic volc or recrystallized seds. D grey/black with greenish tinge. Diss sulphides up to 1%. Brassy and greyish v fine to fine gr. OC is massive in texture, no real foliation etc. | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | outcrop | 1204261 | Area of dark grey/black fine grained mafics? seds? Could be recrystallized or silicified seds or metaseds, with some green patches. Very hard to tell but most likely seds/metaseds. V fine to fine gr grey metallic mineral present throughout. Diss, fine grained blebs and clusters. (Massive arseno?) Also blebs of chalcopyrite 1-3mm in size. Voids of qtz growth and qtz stringers in some areas. Lies in a horizon/lens just above trench shelf. | |

| Date | Rock Sampler | ID (notes) | Lab Tag Number | Date Shipped | Shipping Number | | | | | | | | | | | |
|-----------|----------------------------|------------|----------------|--------------|-----------------|---------|-------------|----------|-------|---------|--------|----------|--------|--------|--------|--------|
| | | | | | | Lab_ID | Certificate | MDL | 0.01 | 2 | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 |
| | | | | | | | | Method | Wt_kg | Au1_ppb | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | | 1204269 | 3-Aug-11 | OV RV-1 | 1204269 | WHI11000917 | 3B & IDX | 2.16 | 3 | 0.4 | 4415.7 | 366 | 925 | 84.3 | 16.6 |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | | 1204268 | 3-Aug-11 | OV RV-1 | 1204268 | WHI11000917 | 3B & IDX | 2.27 | 250 | 1.7 | >10000.0 | 1122.6 | 531 | 67.1 | 9.4 |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | float | 1204267 | 3-Aug-11 | OV RV-1 | 1204267 | WHI11000917 | 3B & IDX | 2.42 | <2 | 0.9 | 421.5 | 142.5 | 1036 | 3.1 | 33.5 |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | subcrop | 1204266 | 3-Aug-11 | OV RV-1 | 1204266 | WHI11000917 | 3B & IDX | 1.43 | <2 | 0.3 | 1984.7 | 181.2 | 1073 | 4.6 | 24.7 |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | float | 1204265 | 3-Aug-11 | OV RV-1 | 1204265 | WHI11000917 | 3B & IDX | 1.31 | <2 | 13.4 | 2086.2 | 363 | 598 | 15 | 7.5 |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | outcrop | 1204264 | 3-Aug-11 | OV RV-1 | 1204264 | WHI11000917 | 3B & IDX | 1.86 | 5 | 19.8 | 9468 | 2797.5 | 2115 | >100.0 | 7.4 |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | float | 1204263 | 3-Aug-11 | OV RV-1 | 1204263 | WHI11000917 | 3B & IDX | 1.42 | 4 | 1 | 98.8 | 11.1 | 223 | 1.9 | 26.1 |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | outcrop | 1204262 | 3-Aug-11 | OV RV-1 | 1204262 | WHI11000917 | 3B & IDX | 1 | 9 | 1 | 34.7 | 16.9 | 518 | 5.5 | 13.3 |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | outcrop | 1204261 | 3-Aug-11 | OV RV-1 | 1204261 | WHI11000917 | 3B & IDX | 2.13 | 2697 | 11.4 | 3912.2 | 3040.9 | 2573 | >100.0 | 358.5 |

| Date | Rock Sampler | ID (notes) | Lab Tag Number | 0.1 | 1 | 0.01 | 0.5 | | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 |
|-----------|----------------------------|------------|----------------|---------|--------|--------|----------|-------|--------|--------|--------|--------|--------|---------|-------|--------|-------|--------|--------|--------|
| | | | | Co_ppm | Mn_ppm | Fe_pct | As_ppm | U_ppm | Au_ppb | Th_ppm | Sr_ppm | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | | 1204269 | 27 | 2523 | 13.81 | 204.3 | | 4.4 | 4.3 | 6 | 2.2 | 1.3 | 56.5 | 43 | 0.07 | 0.006 | 12 | 38 | 0.48 |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | | 1204268 | 289.2 | 104 | 23.39 | >10000.0 | | 277.2 | 5.6 | 57 | 12.6 | 189.3 | 250.4 | 18 | <0.01 | 0.004 | 13 | 18 | 0.01 |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | float | 1204267 | 14.3 | 1830 | 6.92 | 297 | | 2.4 | 9 | 15 | 3.1 | 0.4 | 5.9 | 27 | 0.06 | 0.026 | 12 | 31 | 0.76 |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | subcrop | 1204266 | 20.1 | 1194 | 3.16 | 23.5 | | 1.4 | 14.9 | 17 | 2.5 | <0.1 | 2.8 | 27 | 0.17 | 0.034 | 23 | 38 | 0.69 |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | float | 1204265 | 10.9 | 676 | 3 | 1330 | | 3.1 | 3.5 | 9 | 10.6 | 0.6 | 30.6 | 10 | 0.02 | 0.002 | 9 | 21 | 0.24 |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | outcrop | 1204264 | 37.8 | 2017 | 5.73 | 122.7 | | 5.9 | 1.6 | 6 | 11.1 | 0.3 | 130 | 18 | 0.02 | 0.003 | 4 | 20 | 0.19 |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | float | 1204263 | 10.1 | 155 | 0.99 | 110.3 | | 4.1 | 13.3 | 98 | 2.1 | <0.1 | 12 | 12 | 1.84 | 0.047 | 26 | 16 | 0.32 |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | outcrop | 1204262 | 41.6 | 827 | 6.35 | 381.9 | | 4.7 | 2.1 | 144 | 6.4 | 0.3 | 29.5 | 245 | 2.32 | 0.174 | 15 | 10 | 2.06 |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | outcrop | 1204261 | >2000.0 | 2510 | 23.88 | >10000.0 | | 3153.6 | 11.3 | 44 | 36.7 | 122.6 | >2000.0 | 57 | 0.1 | 0.057 | 274 | 68 | 1.03 |

| Date | Rock Sampler | ID (notes) | Lab Tag Number | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.05 | 0.01 | 0.1 | 0.1 | 0.5 | 1 | 0.2 | |
|-----------|----------------------------|------------|----------------|--------|--------|-------|--------|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| | | | | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | S_pct | Hg_ppm | Tl_ppm | Sc_ppm | Se_ppm | Ga_ppm | Te_ppm | Be_ppm |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | | 1204269 | 153 | 0.01 | <20 | 3.74 | <0.001 | 0.03 | <0.1 | <0.05 | <0.01 | 0.3 | 4 | 5.6 | 21 | <0.2 | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | | 1204268 | 10 | 0.004 | <20 | 0.77 | <0.001 | 0.09 | 0.2 | 7.88 | <0.01 | 0.4 | 1.7 | 14.8 | 9 | 0.3 | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | float | 1204267 | 113 | 0.004 | <20 | 2.94 | <0.001 | 0.2 | 0.2 | 0.23 | <0.01 | 0.3 | 3.3 | <0.5 | 16 | <0.2 | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | subcrop | 1204266 | 164 | 0.051 | <20 | 2.13 | 0.031 | 0.59 | 0.3 | <0.05 | <0.01 | 1.2 | 3.3 | <0.5 | 7 | <0.2 | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | float | 1204265 | 70 | 0.001 | <20 | 1.13 | 0.001 | 0.13 | 0.1 | 0.11 | <0.01 | 0.2 | 1.2 | 1.2 | 6 | <0.2 | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | outcrop | 1204264 | 93 | 0.006 | <20 | 1.79 | <0.001 | 0.02 | <0.1 | 0.7 | <0.01 | 0.1 | 2 | 6.3 | 10 | <0.2 | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | float | 1204263 | 294 | 0.062 | <20 | 2.76 | 0.373 | 0.1 | 0.1 | 0.11 | <0.01 | 0.1 | 0.9 | 0.8 | 8 | <0.2 | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | outcrop | 1204262 | 175 | 0.123 | <20 | 3.78 | 0.271 | 0.09 | <0.1 | 0.16 | <0.01 | 0.2 | 15.1 | <0.5 | 13 | <0.2 | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | outcrop | 1204261 | 18 | 0.024 | <20 | 3.77 | <0.001 | 0.15 | 28 | 7.68 | 0.06 | 1.2 | 5.9 | 64.7 | 33 | 6.4 | |



| | |
|--------------------|-------------------|
| Property: | OLIVER |
| Project Geologist: | |
| GPS Datum & Zone: | UTM NAD83 Zone 8N |
| Lab: | ACME Labs |

| Date | Observer | Lab Tag Number | UTM Easting | UTM Northing | Type | Description | Photo |
|-----------|----------------------------|----------------|-------------|--------------|------------|---|-------|
| 07-Jul-11 | Michael Glynn | OBSERV01 | 433474.00 | 7064503.00 | | up stream limit of placer mining/disturbances | no |
| 07-Jul-11 | Michael Glynn | OBSERV02 | 433497.00 | 7063930.00 | | assumed?, upper limit of good placer gold deposit, noted increase of phyllitic quartzite here and down stream, also deep soils developing at elevations lower than ~2700' along creek banks | no |
| 07-Jul-11 | Michael Glynn | OBSERV03 | 433203.00 | 7062747.00 | | evidence of shallow angle thrusting-graphitic horizons in silicified(?) quartzites + bull quartz, good location for hand trench on weather day | no |
| 15-Jul-11 | Michael Glynn | Start | 428533.00 | 7066219.00 | outcrop | outcrop, quartzite, schistosity axis E-W?, dips gently to ~200-180 degrees | no |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | DH02 | 425034.00 | 7071208.00 | drill hole | walk to Dh02 | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | DH03 | 424607.00 | 7070970.00 | drill hole | to TR04, approx N/S samples all subfloat/subcrop | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | TR02 | 424971.00 | 7071285.00 | trench | TR02, runs at 335 degrees 1-2 m wide zone, dark silicified mafic rock hosting zone of mineralization, stringer stockwork quartz veins 1mm-3mm wide, azurite + malachite present on fractures in rock, disseminated chalco present throughout, very yellow for chalcopryrite <1% disseminated pyrite also present <1% rare bornite, zone ended by phyllites trends at 235/55 | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | TR03 | 424796.00 | 7071171.00 | trench | trench runs at 345, min zone at top and 1 m line with other zones and samples back to TR01 zone not as evident but rusty soil, very silicified wall rock adjacent and mineralized float, the same as previous trench, phyllite further down trench | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | TR05 | 424542.00 | 7071081.00 | trench | TR05, walled down to lost 'trench' move just exposed outcrop, already sampled, sample silicified stuff with some pyrite and chalcopryrite, mostly phyllites with collapsed area where sample was taken, walked up to heli pad, which was at an old trench | |
| 31-Jul-11 | Tom Morgan/Edward Dashwood | TR01 | 425278.00 | 7071500.00 | trench | TR01 end, traversed along road to find the next trench, mostly phyllite + minor silicified zones along the way along road cuts, old trench followed up, shallow, perhaps frozen when they tried to dig, looking for showing at 235 degrees from the trench | |
| July 31st | ED and TM | | 425364.92 | 7071370.99 | Dh01 | Trend/plunge 300-45. HQ casing. Pad is right at the top of one of the trenches. | |
| July 31st | ED and TM | | 424608.29 | 7070969.38 | Dh03 | 310-55 | |
| July 31st | ED and TM | | 406146.57 | 7093762.40 | Oc001 | | |
| July 31st | ED and TM | | 424738.14 | 7071144.66 | Oc02 | | |
| July 31st | ED and TM | | 425279.87 | 7071499.54 | Tr01E | Trench End. | |

| Date | Observer | Lab Tag Number | UTM Easting | UTM Northing | Type | Description | Photo |
|-----------|-----------|----------------|-------------|--------------|-------|---|-------|
| July 31st | ED and TM | | 425351.55 | 7071424.02 | Tr01S | Trench Start. Trench is about 4-5m deep Red rusty soil, oxidized patches of wall rock Micaceous phyllite/schist minor sericite mostly muscovite. Light grey, shiny lustre. Foliation approx. horizontal. Some qtz veins/lts visible, small, slightly altered WR to greener tinge (chl?) | |
| July 31st | ED and TM | | 424797.44 | 7071170.51 | Tr03S | Runs at 345 Min zone at the top end. In line with the other zones and samples back to TR01. Zone not as evident but rusty soil, very silicified wall rock adjacent and mineralized float the same as previous trench. Phyllite further down trench. Sampled before. | |
| July 31st | ED and TM | | 424543.70 | 7071080.92 | Tr05 | | |
| | | | 425034.00 | 7071208.00 | DH02 | 340-43 | |

APPENDIX B
SOIL SAMPLING STATIONS AND DESCRIPTIONS



| | |
|--------------------|-------------------|
| Property: | OLIVER |
| Project Geologist: | Ryan Libke |
| GPS Datum & Zone: | UTM NAD83 Zone 8N |
| Lab: | ACME Labs |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | Parent Material | |
|-----------|----------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|-----------------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | | Clay |
| 27-Jul-11 | Michael Glynn | | 1207751 | 7071429.92 | 425120.63 | 973 | | | | | | | | | | |
| 9-Jul-11 | Andrew Blampin | | 1217001 | 7064482.47 | 433377.82 | 889 | 50-60 | c | light brown | | 20 | 20 | 20 | 20 | 20 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217002 | 7064436.44 | 433388.52 | 893 | 40-50 | c | light brown | | 40 | | | 20 | 40 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217003 | 7064384.93 | 433391.44 | 901 | >80 | c | light grey | | 20 | | | 40 | 40 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217004 | 7064326.12 | 433404.17 | 891 | 40-50 | c | | | 40 | | | 30 | 30 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217005 | 7064282.45 | 433380.42 | 893 | >80 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217006 | 7064231.81 | 433363.25 | 884 | 70-80 | c | light grey | | 30 | 10 | | | 60 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217007 | 7064180.33 | 433345.28 | 908 | 70-80 | c | light grey | | 20 | | 10 | | 70 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217008 | 7064130.06 | 433336.04 | 909 | 30-40 | c | light grey | | 10 | | | | 90 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217009 | 7064080.90 | 433318.69 | 906 | 50-60 | c | light grey | | 20 | | 10 | | 70 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217010 | 7064030.72 | 433288.10 | 911 | >80 | c | light grey | | 20 | | 10 | | 70 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217011 | 7063987.36 | 433268.14 | 922 | 20-30 | c | light grey | | 30 | | 10 | | 60 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217012 | 7063937.92 | 433243.57 | 901 | 30-40 | c | light grey | | 30 | | 10 | | 60 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217013 | 7063899.86 | 433207.70 | 884 | 60-70 | c | dark grey | | 50 | | | | 50 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217014 | 7063847.42 | 433135.78 | 868 | 30-40 | c | light grey | | 10 | | 10 | | 80 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217015 | 7063804.71 | 433110.14 | 878 | 30-40 | c | light brown | | 30 | | 20 | | 50 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217016 | 7063752.37 | 433126.80 | 885 | 30-40 | c | light brown | | 20 | | 10 | | 70 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217017 | 7063699.82 | 433139.50 | 885 | 20-30 | c | light grey | | 30 | | 10 | | 60 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217018 | 7063652.54 | 433170.79 | 871 | 50-60 | c | light grey | | 20 | | 10 | | 70 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217019 | 7063620.21 | 433221.20 | 870 | 30-40 | c | light grey | | 40 | | 20 | | 40 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217020 | 7063570.29 | 433249.58 | 858 | 40-50 | c | dark grey | | 80 | | | 10 | 10 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217021 | 7063518.77 | 433273.27 | 839 | 50-60 | c | dark grey | | 40 | | | | 60 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217022 | 7063473.15 | 433275.69 | 832 | >80 | c | light grey | | 40 | | 10 | | 50 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217023 | 7063420.97 | 433249.68 | 844 | >80 | c | dark grey | | 80 | | | | 20 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217024 | 7063375.43 | 433237.58 | 834 | 50-60 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217025 | 7063314.04 | 433211.07 | 818 | | c | light brown | | 50 | | | | 50 | weathered bedrock |
| 9-Jul-11 | Andrew Blampin | | 1217026 | 7063286.67 | 433171.91 | 836 | 70-80 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0040 | 1217029 | 7063876.20 | 434649.30 | 1028 | >80 | c | light brown | | 10 | | 10 | 40 | 40 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | | Parent Material |
|-----------|----------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|------------------|----------------|-----------|--------|------|------|------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | Clay | |
| 15-Jul-11 | Andrew Blampin | OV-0041 | 1217030 | 7063853.51 | 434594.77 | 1038 | 20-30 | c | light brown | | 10 | | 10 | 40 | 40 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0042 | 1217031 | 7063803.64 | 434563.53 | 1038 | 30-40 | c | light brown | | 40 | | | 30 | 30 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0043 | 1217032 | 7063771.28 | 434534.71 | 1038 | >80 | c | light grey | | 10 | | | 10 | 80 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0044 | 1217033 | 7063729.09 | 434498.68 | 1036 | 40-50 | c | light brown | | 30 | | 10 | 30 | 30 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0045 | 1217034 | 7063701.33 | 434465.76 | 1032 | 50-60 | c | light brown | | 30 | 10 | 10 | 25 | 25 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0046 | 1217035 | 7063673.53 | 434429.68 | 1034 | 30-40 | c | light brown | | 20 | | 10 | 30 | 40 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0047 | 1217036 | 7063634.17 | 434389.54 | 1036 | 50-60 | c | light brown | | 40 | | 20 | 20 | 20 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0048 | 1217037 | 7063599.20 | 434352.73 | 1036 | 50-60 | c | light brown | | 30 | | 10 | 30 | 30 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0049 | 1217038 | 7063565.41 | 434315.79 | 1037 | 30-40 | c | light brown | | 30 | | 10 | 30 | 30 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0050 | 1217039 | 7063528.64 | 434279.52 | 1038 | 50-60 | c | light brown | | 30 | 10 | 10 | 10 | 40 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0051 | 1217040 | 7063486.39 | 434250.04 | 1035 | 30-40 | c | light brown | | 30 | 10 | 10 | 20 | 30 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0052 | 1217041 | 7063453.48 | 434214.82 | 1033 | 30-40 | c | light brown | | 30 | 10 | 10 | 20 | 30 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0053 | 1217042 | 7063420.44 | 434177.30 | 1030 | 40-50 | c | light brown | | 20 | | 20 | 20 | 40 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0054 | 1217043 | 7063378.64 | 434143.97 | 1024 | 40-50 | c | light brown | | 30 | | 20 | 20 | 30 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0055 | 1217044 | 7063314.54 | 434129.11 | 1016 | 40-50 | c | light brown | | 30 | 10 | 20 | 10 | 30 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0056 | 1217045 | 7063291.03 | 434115.34 | 1012 | 50-60 | c | light brown | | 50 | 20 | 10 | | 20 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0057 | 1217046 | 7063240.18 | 434104.01 | 1005 | 30-40 | c | light brown | | 20 | 10 | 20 | 10 | 40 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0058 | 1217047 | 7063198.73 | 434087.26 | 1001 | >80 | c | light grey | | 40 | | 10 | | 50 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0059 | 1217048 | 7063142.79 | 434073.77 | | 30-40 | c | yellowish orange | | 20 | 10 | 10 | 20 | 40 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0060 | 1217049 | 7063094.86 | 434059.52 | | 30-40 | c | light brown | | 10 | 10 | 3 | 20 | 30 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0061 | 1217050 | 7063046.93 | 434045.27 | | 60-70 | c | light brown | | 50 | 10 | 10 | 10 | 20 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0062 | 1217051 | 7063006.22 | 434026.92 | 979 | 30-40 | c | light brown | | 30 | | 10 | 30 | 30 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0063 | 1217052 | 7062957.66 | 434016.83 | 971 | 30-40 | c | light grey | | 20 | 10 | 10 | | 60 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0064 | 1217053 | 7062898.54 | 433994.43 | 963 | 40-50 | c | light grey | | 40 | | 10 | 25 | 25 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0065 | 1217054 | 7062846.52 | 433975.41 | 958 | 40-50 | c | light brown | | 20 | | 10 | 30 | 40 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0066 | 1217055 | 7062807.89 | 433974.65 | 956 | 40-50 | c | light brown | | 40 | 20 | 10 | 10 | 20 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0067 | 1217056 | 7062765.77 | 433953.31 | 956 | 40-50 | c | light brown | | 30 | | 20 | 25 | 25 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | OV-0068 | 1217057 | 7062717.14 | 433942.23 | 951 | 20-30 | c | light brown | | | | | 60 | 40 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | | 1217058 | 7062668.50 | 433931.14 | 951 | 40-50 | c | light brown | | 20 | | 10 | 30 | 40 | weathered bedrock |
| 15-Jul-11 | Andrew Blampin | | 1217059 | 7062644.18 | 433925.60 | 951 | | | | | | | | | | |
| 15-Jul-11 | Andrew Blampin | | 1217060 | 7062619.86 | 433920.06 | 951 | | | | | | | | | | |
| 8-Jul-11 | Conner McKay | | 1217151 | 7064513.62 | 433515.44 | 883 | 30-40 | c | light brown | | | | 20 | 80 | | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | Parent Material | |
|----------|--------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|-----------------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | | Clay |
| 8-Jul-11 | Conner McKay | | 1217152 | 7064490.24 | 433559.44 | 879 | 30-40 | c | light brown | | | | 30 | 70 | | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217153 | 7064471.87 | 433610.02 | 885 | 30-40 | b/c | dark brown | | | | 30 | 70 | | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217154 | 7064424.94 | 433586.57 | 885 | 50-60 | c | olive grey | | | | 10 | | 90 | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217155 | 7064377.73 | 433597.04 | 894 | 40-50 | c | light brown | | | | 10 | 90 | | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217156 | 7064324.96 | 433596.20 | 888 | 50-60 | c | light brown | | | | 20 | | 80 | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217157 | 7064274.22 | 433589.41 | 887 | 30-40 | c | light brown | | | | 10 | 90 | | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217158 | 7064216.33 | 433590.81 | 890 | 20-30 | c | light brown | | | | 30 | 70 | | talus |
| 8-Jul-11 | Conner McKay | | 1217159 | 7064162.45 | 433597.13 | 893 | 40-50 | c | light brown | | | | 20 | 80 | | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217160 | 7064124.48 | 433612.76 | 896 | 40-50 | c | light brown | | | | 10 | 80 | | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217161 | 7064037.84 | 433616.18 | 899 | 30-40 | c | light brown | | | | 10 | 80 | | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217162 | 7063996.73 | 433658.60 | 885 | 40-50 | c | light brown | | | | 20 | 80 | | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217163 | 7063940.26 | 433649.03 | 892 | 40-50 | b/c | dark brown | | | | 30 | | 70 | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217164 | 7063875.77 | 433631.22 | 885 | 20-30 | b/c | dark brown | | | | 30 | | 70 | talus |
| 8-Jul-11 | Conner McKay | | 1217165 | 7063819.34 | 433622.70 | 882 | 40-50 | b/c | dark brown | | | | 20 | | 80 | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217166 | 7063767.91 | 433623.42 | 885 | 40-50 | b/c | dark brown | | | | 20 | | 80 | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217167 | 7063706.69 | 433628.43 | 885 | 50-60 | b/c | dark brown | | | | 30 | | 70 | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217168 | 7063642.72 | 433614.03 | 883 | 30-40 | b/c | dark brown | | 15 | | | | 85 | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217169 | 7063579.59 | 433605.30 | 886 | 40-50 | b/c | dark brown | | | | 10 | | 90 | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217170 | 7063520.55 | 433589.57 | 887 | 30-50 | b/c | light brown | | | | 10 | | 90 | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217171 | 7063465.74 | 433571.53 | 884 | 20-30 | b/c | light brown | | | | 10 | | 90 | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217172 | 7063414.31 | 433565.41 | 882 | 60-70 | b/c | light grey | | | | 10 | | 90 | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217173 | 7063353.37 | 433572.53 | 885 | 50-60 | b/c | light grey | | | | 10 | | 90 | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217174 | 7063301.24 | 433568.13 | 884 | 30-40 | b/c | dark brown | | | | 10 | | 90 | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217175 | 7063251.66 | 433544.52 | 878 | 10-20 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217176 | 7063202.98 | 433509.64 | 873 | 20-30 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217177 | 7063139.33 | 433495.47 | 868 | 20-30 | c | light brown | | | | 10 | | 90 | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217178 | 7063094.35 | 433502.61 | 862 | 20-30 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217179 | 7063053.28 | 433481.94 | 847 | 20-30 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 8-Jul-11 | Conner McKay | | 1217180 | 7063010.69 | 433446.67 | 837 | 20-30 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 9-Jul-11 | Conner McKay | | 1217181 | 7064300.31 | 432841.17 | 1036 | 40-50 | c | light brown | | | | 10 | | 90 | weathered bedrock |
| 9-Jul-11 | Conner McKay | | 1217182 | 7064260.42 | 432815.20 | 1035 | 30-40 | c | light brown | | 5 | | | | 95 | weathered bedrock |
| 9-Jul-11 | Conner McKay | | 1217183 | 7064225.49 | 432762.24 | 1039 | 50-60 | c | light brown | | | | | | 100 | weathered bedrock |
| 9-Jul-11 | Conner McKay | | 1217184 | 7064201.45 | 432715.15 | 1036 | 50-60 | c | light brown | | | | | | 100 | weathered bedrock |
| 9-Jul-11 | Conner McKay | | 1217185 | 7064194.88 | 432651.68 | 1040 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 9-Jul-11 | Conner McKay | | 1217186 | 7064173.04 | 432596.38 | 1039 | 40-50 | c | light brown | | 30 | | | | 70 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | | Parent Material |
|-----------|--------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | Clay | |
| 9-Jul-11 | Conner McKay | | 1217187 | 7064010.46 | 432604.46 | 1047 | 30-40 | c | light brown | | | | 20 | | 80 | weathered bedrock |
| 9-Jul-11 | Conner McKay | | 1217188 | 7063970.36 | 432642.13 | 1045 | 50-60 | c | light brown | | | | 20 | | 80 | weathered bedrock |
| 9-Jul-11 | Conner McKay | | 1217189 | 7063928.41 | 432675.98 | 1039 | 30-40 | c | light brown | | | | 40 | | 60 | weathered bedrock |
| 9-Jul-11 | Conner McKay | | 1217190 | 7063875.82 | 432682.23 | 1038 | 50-60 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 9-Jul-11 | Conner McKay | | 1217191 | 7063823.23 | 432688.48 | 1037 | 50-60 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 9-Jul-11 | Conner McKay | | 1217192 | 7063779.56 | 432673.57 | 1039 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 9-Jul-11 | Conner McKay | | 1217193 | 7063742.24 | 432632.37 | 1042 | 50-60 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 9-Jul-11 | Conner McKay | | 1217194 | 7063721.35 | 432587.12 | 1046 | 50-60 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 9-Jul-11 | Conner McKay | | 1217195 | 7063673.65 | 432536.04 | 1045 | 30-40 | c | light brown | | | | 20 | | 80 | weathered bedrock |
| 9-Jul-11 | Conner McKay | | 1217196 | 7063659.08 | 432489.03 | 1042 | 40-50 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 9-Jul-11 | Conner McKay | | 1217197 | 7063653.08 | 432442.34 | 1038 | 50-60 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 9-Jul-11 | Conner McKay | | 1217198 | 7063659.55 | 432392.97 | 1045 | 50-60 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 9-Jul-11 | Conner McKay | | 1217199 | 7063638.85 | 432331.60 | 1043 | 30-40 | c | light brown | | | | 30 | | 70 | weathered bedrock |
| 9-Jul-11 | Conner McKay | | 1217200 | 7063603.01 | 432299.75 | 1041 | 40-50 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 9-Jul-11 | Conner McKay | | 1217201 | 7063564.57 | 432272.16 | 1035 | 30-40 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 9-Jul-11 | Conner McKay | | 1217202 | 7063383.90 | 432240.60 | 1041 | 30-40 | c | light brown | | | | 40 | | 60 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217203 | 7064212.35 | 433873.99 | 975 | 30-40 | c | light brown | | | | 40 | | 60 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217204 | 7064161.43 | 433893.14 | 975 | 30-40 | c | light brown | | | | 10 | | 90 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217205 | 7064116.92 | 433925.30 | 975 | 30-40 | c | light brown | | | | 10 | | 90 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217206 | 7064101.10 | 433979.69 | 978 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217207 | 7064082.17 | 434034.65 | 979 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217208 | 7064073.53 | 434090.38 | 984 | | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217209 | 7064014.97 | 434090.14 | 985 | 50-60 | c | light brown | | | | 30 | | 70 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217210 | 7063967.26 | 434060.65 | 982 | 30-40 | c | light brown | | | | 30 | | 70 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217211 | 7063906.71 | 434018.08 | 981 | 40-50 | c | light brown | | | | | | | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217212 | 7063861.02 | 433982.85 | 982 | 40-50 | c | olive grey | | 35 | | | | 65 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217213 | 7063830.18 | 433942.88 | 982 | 50-60 | b/c | dark brown | | | | 50 | | 50 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217214 | 7063788.43 | 433913.82 | 978 | 70-80 | c | light brown | | | | 10 | | 90 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217215 | 7063741.12 | 433897.90 | 975 | 70-80 | c | light brown | | | | | 60 | 40 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217216 | 7063695.91 | 433910.66 | 975 | 50-60 | b/c | dark brown | | | | 30 | | 70 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217217 | 7063647.33 | 433904.72 | 975 | 30-40 | c | dark brown | | | | 10 | | 90 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217218 | 7063599.98 | 433886.08 | 974 | 40-50 | c | light brown | | | | 40 | | 60 | |
| 10-Jul-11 | Conner McKay | | 1217219 | 7063546.98 | 433876.49 | 974 | 50 | c | light brown | | 40 | | | | 60 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217220 | 7063497.44 | 433888.54 | 974 | 40 | c | light brown | | | | 40 | | 60 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | Parent Material | |
|-----------|--------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|-----------------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | | Clay |
| 10-Jul-11 | Conner McKay | | 1217221 | 7063448.55 | 433905.06 | 976 | 50 | c | olive grey | | | | 40 | | 60 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217222 | 7063398.63 | 433909.49 | 977 | 40 | c | olive grey | | 30 | | | | 70 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217223 | 7063345.40 | 433897.03 | 964 | 35 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217224 | 7063291.67 | 433886.54 | 971 | 50-60 | c | light brown | | | | 30 | | 70 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217225 | 7063248.78 | 433859.86 | 966 | 50-60 | c | light brown | | | | 10 | | 90 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217226 | 7063190.67 | 433847.30 | 967 | 30-40 | c | light brown | | | | 10 | | 90 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217227 | 7063135.20 | 433857.93 | 965 | 10-20 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217228 | 7063096.58 | 433891.85 | 964 | 30-40 | c | light brown | | | | | | 100 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217229 | 7063052.74 | 433919.36 | 966 | 50-60 | b/c | dark brown | | | | 30 | | 70 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217230 | 7062998.44 | 433930.66 | 962 | 30-40 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217231 | 7062946.41 | 433919.36 | 960 | 30-40 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 10-Jul-11 | Conner McKay | | 1217232 | 7062894.12 | 433908.85 | 953 | 30-40 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 13-Jul-11 | Conner McKay | | 1217233 | 7062976.21 | 431024.24 | 1256 | 30-40 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 13-Jul-11 | Conner McKay | | 1217234 | 7062943.67 | 431061.44 | 1255 | 30-40 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 13-Jul-11 | Conner McKay | | 1217235 | 7062902.04 | 431091.28 | 1254 | 40-50 | c | light brown | | 20 | | | | 90 | weathered bedrock |
| 13-Jul-11 | Conner McKay | | 1217236 | 7062857.00 | 431118.92 | 1263 | 40-50 | c | light brown | | | | 10 | | 90 | weathered bedrock |
| 13-Jul-11 | Conner McKay | | 1217237 | 7062813.75 | 431138.87 | 1262 | 40-50 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 13-Jul-11 | Conner McKay | | 1217238 | 7062777.46 | 431173.47 | 1257 | 50-60 | c | light brown | | | | 10 | | 90 | weathered bedrock |
| 13-Jul-11 | Conner McKay | | 1217239 | 7062730.93 | 431202.81 | 1234 | 40-50 | c | light brown | | | | 10 | | 90 | weathered bedrock |
| 13-Jul-11 | Conner McKay | | 1217240 | 7062689.97 | 431231.00 | 1218 | 30-40 | c | light brown | | | | 10 | | 90 | weathered bedrock |
| 13-Jul-11 | Conner McKay | | 1217241 | 7062644.36 | 431245.37 | 1225 | 10-20 | c | light brown | | 30 | | | | 70 | talus |
| 13-Jul-11 | Conner McKay | | 1217242 | 7062596.99 | 431265.10 | 1190 | 20-30 | c | light brown | | 20 | | | | 80 | talus |
| 13-Jul-11 | Conner McKay | | 1217243 | 7062547.31 | 431285.97 | 1168 | 30-40 | c | light brown | | | | 30 | | 70 | talus |
| 13-Jul-11 | Conner McKay | | 1217244 | 7062498.91 | 431308.98 | 1156 | 50-60 | c | light brown | | | | 10 | | 90 | weathered bedrock |
| 13-Jul-11 | Conner McKay | | 1217245 | 7062450.77 | 431327.33 | 1125 | 30-40 | b/c | dark brown | | 20 | | | | 80 | talus |
| 13-Jul-11 | Conner McKay | | 1217246 | 7062402.14 | 431337.17 | 1090 | 50-60 | c | light brown | | | | 5 | | 95 | weathered bedrock |
| 13-Jul-11 | Conner McKay | | 1217247 | 7062345.11 | 431354.36 | 1088 | 20-30 | b/c | light brown | | 30 | | | | 70 | weathered bedrock |
| 13-Jul-11 | Conner McKay | | 1217248 | 7062290.58 | 431380.46 | 1088 | 30-40 | c | light brown | | | | 20 | | 80 | weathered bedrock |
| 13-Jul-11 | Conner McKay | | 1217249 | 7062243.61 | 431398.80 | 1087 | 40-50 | c | light brown | | 5 | | | | 95 | weathered bedrock |
| 13-Jul-11 | Conner McKay | | 1217250 | 7062188.11 | 431415.29 | 1087 | 40-50 | c | light brown | | 5 | | | | 95 | weathered bedrock |
| 13-Jul-11 | Conner McKay | | 1217251 | 7062140.30 | 431438.33 | 1063 | 30-40 | c | light brown | | 5 | | | | 95 | weathered bedrock |
| 13-Jul-11 | Conner McKay | | 1217252 | 7062100.72 | 431469.62 | 1050 | 40-50 | c | light brown | | | | 5 | | 95 | weathered bedrock |
| 13-Jul-11 | Conner McKay | | 1217253 | 7062056.21 | 431509.98 | 1028 | 30-40 | c | light brown | | | | 5 | | 95 | weathered bedrock |
| 13-Jul-11 | Conner McKay | | 1217254 | 7062004.73 | 431530.56 | 1033 | 40-50 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 13-Jul-11 | Conner McKay | | 1217255 | 7061952.52 | 431560.97 | 1028 | 40-50 | c | light brown | | 10 | | | | 90 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | | Parent Material |
|-----------|--------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | Clay | |
| 13-Jul-11 | Conner McKay | | 1217256 | 7061906.30 | 431585.76 | 1016 | 20-30 | c | light brown | | 5 | | | | 95 | weathered bedrock |
| 13-Jul-11 | Conner McKay | | 1217257 | 7061857.72 | 431597.72 | 1013 | 30-40 | c | light brown | | | | 35 | | 65 | weathered bedrock |
| 13-Jul-11 | Conner McKay | | 1217258 | 7061818.74 | 431628.02 | 995 | 20-30 | c | light brown | | | | 20 | | 80 | weathered bedrock |
| 13-Jul-11 | Conner McKay | | 1217259 | 7061776.35 | 431641.37 | 985 | 20-30 | c | light brown | | | | 40 | | 60 | weathered bedrock |
| 13-Jul-11 | Conner McKay | | 1217260 | 7061721.74 | 431649.29 | 966 | 20-30 | c | light brown | | | | 40 | | 60 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0134 | 1217261 | 7067018.61 | 431643.31 | 1333 | 40-50 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0140 | 1217262 | 7066970.50 | 431628.80 | 1328 | 20-30 | c | light brown | | | | 10 | | 90 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0141 | 1217263 | 7066935.95 | 431595.28 | 1322 | 30-40 | c | light brown | | | | 10 | | 90 | till |
| 14-Jul-11 | Conner McKay | OV-0142 | 1217264 | 7066896.22 | 431566.70 | 1316 | 30-40 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0143 | 1217265 | 7066847.94 | 431542.56 | 1312 | 30-40 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0144 | 1217266 | 7066806.16 | 431517.52 | 1305 | 20-30 | c | light brown | | | | 5 | | 95 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0145 | 1217267 | 7066766.96 | 431485.43 | 1299 | 30-40 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0146 | 1217268 | 7066715.43 | 431455.99 | 1294 | 20-30 | c | light brown | | 5 | | | | 95 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0147 | 1217269 | 7066686.16 | 431424.29 | 1289 | 30-40 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0148 | 1217270 | 7066639.79 | 431402.21 | 1282 | 40-50 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0149 | 1217271 | 7066599.06 | 431376.93 | 1271 | 20-30 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0150 | 1217272 | 7066558.67 | 431351.49 | 1265 | 10-20 | b/c | light brown | | | | 30 | | 70 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0151 | 1217273 | 7066499.32 | 431317.88 | 1257 | 40-50 | c | light brown | | | | 5 | | 95 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0152 | 1217274 | 7066469.42 | 431303.85 | 1259 | 50-60 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0153 | 1217275 | 7066427.77 | 431273.25 | 1265 | 30-40 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0154 | 1217276 | 7066386.30 | 431245.31 | 1270 | 30-40 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0155 | 1217277 | 7066344.08 | 431224.53 | 1267 | 30-40 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0156 | 1217278 | 7066298.21 | 431214.82 | 1262 | 20-30 | c | dark brown | | 30 | | | | 70 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0157 | 1217279 | 7066248.38 | 431210.08 | 1260 | 20-30 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0158 | 1217280 | 7066195.79 | 431204.81 | 1258 | 40-50 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0159 | 1217281 | 7066148.18 | 431198.05 | 1257 | 20-30 | c | light brown | | | | 10 | | 90 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0160 | 1217282 | 7066095.83 | 431195.61 | 1255 | 20-30 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0161 | 1217283 | 7066048.47 | 431187.46 | 1252 | 20-30 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0162 | 1217284 | 7065996.65 | 431178.68 | 1249 | 20-30 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0163 | 1217285 | 7065951.13 | 431171.50 | 1246 | 20-30 | c | light brown | | 35 | | | | 65 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0164 | 1217286 | 7065898.13 | 431164.31 | 1243 | 20-30 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0165 | 1217287 | 7065844.08 | 431161.34 | 1241 | 40-50 | c | light brown | | | | 15 | | 85 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0166 | 1217288 | 7065799.99 | 431149.86 | 1238 | 30-40 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0167 | 1217289 | 7065742.41 | 431144.99 | 1234 | 20-30 | c | light brown | | | | 20 | | 80 | weathered bedrock |
| 14-Jul-11 | Conner McKay | OV-0168 | 1217290 | 7065701.44 | 431140.52 | 1227 | 30-40 | c | light brown | | | | 5 | | 95 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | Parent Material | |
|-----------|--------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|------------------|----------------|-----------|--------|------|------|-----------------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | | Clay |
| 14-Jul-11 | Conner McKay | OV-0169 | 1217291 | 7065651.66 | 431131.44 | 1220 | 30-40 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0350 | 1217292 | 7067371.13 | 429796.99 | 1343 | 20-30 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0331 | 1217293 | 7067340.12 | 429764.24 | 1348 | 30-40 | c | light brown | | | | 5 | | 95 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0332 | 1217294 | 7067300.01 | 429729.56 | 1352 | 20-30 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0333 | 1217295 | 7067260.41 | 429695.00 | 1356 | 30-40 | c | light brown | | | | 5 | | 95 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0334 | 1217296 | 7067235.81 | 429657.98 | 1361 | 20-30 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0335 | 1217297 | 7067195.29 | 429625.61 | 1363 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0336 | 1217298 | 7067153.08 | 429589.89 | 1366 | 30-40 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0337 | 1217299 | 7067124.60 | 429553.92 | 1367 | 20-30 | c | light brown | | | | | 5 | 95 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0338 | 1217300 | 7067093.51 | 429517.56 | 1373 | 30-40 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 9-Jul-11 | Myles Rusk | OV-0001 | 1217301 | 7064309.56 | 433051.14 | 989 | 30-40 | c | light brown | | | | 40 | | 60 | weathered bedrock |
| 9-Jul-11 | Myles Rusk | OV-0002 | 1217302 | 7064265.59 | 433027.18 | 989 | 30-40 | c | light brown | | | | 40 | | 60 | weathered bedrock |
| 9-Jul-11 | Myles Rusk | OV-0003 | 1217303 | 7064237.49 | 432985.46 | 991 | 50-60 | c | light brown | | | | 30 | | 70 | weathered bedrock |
| 9-Jul-11 | Myles Rusk | OV-0004 | 1217304 | 7064214.15 | 432941.49 | 992 | 50-60 | c | light brown | | | | 50 | | 50 | weathered bedrock |
| 9-Jul-11 | Myles Rusk | OV-0005 | 1217305 | 7064177.00 | 432907.69 | 989 | 30-40 | c | light brown | | | | 60 | | 40 | weathered bedrock |
| 9-Jul-11 | Myles Rusk | OV-0006 | 1217306 | 7064153.26 | 432865.78 | 991 | 20-30 | c | light brown | | 40 | | | | 60 | weathered bedrock |
| 9-Jul-11 | Myles Rusk | OV-0007 | 1217307 | 7064128.12 | 432818.98 | 992 | 20-30 | c | light brown | | | | 40 | | 60 | weathered bedrock |
| 9-Jul-11 | Myles Rusk | OV-0008 | 1217308 | 7064111.05 | 432769.56 | 992 | 10-20 | b/c | yellowish orange | | | | | 50 | 50 | weathered bedrock |
| 9-Jul-11 | Myles Rusk | OV-0009 | 1217309 | 7064063.39 | 432760.08 | 990 | 30-40 | b/c | dark brown | | | | 40 | | 60 | weathered bedrock |
| 9-Jul-11 | Myles Rusk | OV-0010 | 1217310 | 7064023.08 | 432786.27 | 991 | 20-30 | b/c | dark brown | | 40 | | | | 60 | weathered bedrock |
| 9-Jul-11 | Myles Rusk | OV-0011 | 1217311 | 7063979.14 | 432809.30 | 991 | 40-50 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 9-Jul-11 | Myles Rusk | OV-0012 | 1217312 | 7063927.44 | 432809.15 | 990 | 50-60 | c | light brown | | | | 40 | | 60 | weathered bedrock |
| 9-Jul-11 | Myles Rusk | OV-0013 | 1217313 | 7063876.34 | 432803.47 | 993 | 40-50 | c | light brown | | | | 40 | | 60 | weathered bedrock |
| 9-Jul-11 | Myles Rusk | OV-0014 | 1217314 | 7063830.04 | 432793.36 | 991 | 30-40 | c | olive grey | | 30 | | | | 70 | weathered bedrock |
| 9-Jul-11 | Myles Rusk | OV-0015 | 1217315 | 7063776.82 | 432799.27 | 990 | 50-60 | c | light brown | | | 50 | | | 50 | weathered bedrock |
| 9-Jul-11 | Myles Rusk | OV-0016 | 1217316 | 7063728.93 | 432777.81 | 991 | 40-50 | c | light brown | | | | | 30 | 70 | weathered bedrock |
| 9-Jul-11 | Myles Rusk | OV-0017 | 1217317 | 7063686.18 | 432744.80 | 991 | 40-50 | c | light brown | | | 50 | | | 50 | weathered bedrock |
| 9-Jul-11 | Myles Rusk | OV-0018 | 1217318 | 7063668.06 | 432700.54 | 990 | 30-40 | c | light brown | | | 50 | | 50 | | weathered bedrock |
| 9-Jul-11 | Myles Rusk | OV-0019 | 1217319 | 7063620.76 | 432673.59 | 985 | 20-30 | b/c | dark brown | | 20 | | | | 80 | talus |
| 9-Jul-11 | Myles Rusk | OV-0020 | 1217320 | 7063593.50 | 432633.28 | 991 | 30-40 | c | light brown | | | | 40 | | 60 | talus |
| 9-Jul-11 | Myles Rusk | OV-0021 | 1217321 | 7063559.96 | 432596.29 | 991 | 30-40 | c | light brown | | | 40 | | | 60 | weathered bedrock |
| 9-Jul-11 | Myles Rusk | OV-0022 | 1217322 | 7063530.92 | 432558.13 | 991 | 40-50 | c | light brown | | | | 40 | | 60 | weathered bedrock |
| 9-Jul-11 | Myles Rusk | OV-0023 | 1217323 | 7063530.38 | 432508.99 | 991 | 30-40 | c | light brown | | 40 | | | | 60 | weathered bedrock |
| 9-Jul-11 | Myles Rusk | OV-0024 | 1217324 | 7063529.93 | 432452.59 | 992 | 40-50 | c | light brown | | | | 50 | | 50 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | | Parent Material |
|-----------|--------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | Clay | |
| | | | 1217325 | | | | | | | | | | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217326 | 7064212.84 | 433630.31 | 914 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 10-Jul-11 | Lukasz Malek | | 1217327 | 7064159.46 | 433650.88 | 919 | 30-40 | c | light brown | | 30 | | 40 | | 30 | weathered bedrock |
| 10-Jul-11 | Lukasz Malek | | 1217328 | 7064109.92 | 433656.25 | 916 | 50-60 | c | light grey | | 20 | | | | 80 | weathered bedrock |
| 10-Jul-11 | Lukasz Malek | | 1217329 | 7064081.42 | 433697.98 | 918 | 30-40 | c | light brown | | 30 | | 40 | | 30 | weathered bedrock |
| 10-Jul-11 | Lukasz Malek | | 1217330 | 7064062.06 | 433755.10 | 921 | 40-50 | c | light brown | | 40 | | 20 | | 40 | weathered bedrock |
| 10-Jul-11 | Lukasz Malek | | 1217331 | 7064042.07 | 433800.59 | 924 | 30-40 | c | light brown | 10 | 10 | | | | 80 | weathered bedrock |
| 10-Jul-11 | Lukasz Malek | | 1217332 | 7064034.16 | 433862.60 | 935 | 40-50 | c | dark brown | 20 | | 10 | | | 70 | weathered bedrock |
| 10-Jul-11 | Lukasz Malek | | 1217333 | 7063983.22 | 433844.27 | 934 | 30-40 | c | black | 10 | | | | | 90 | weathered bedrock |
| 10-Jul-11 | Lukasz Malek | | 1217334 | 7063961.43 | 433798.92 | 924 | 30-40 | c | dark brown | 20 | | | | | 80 | weathered bedrock |
| 10-Jul-11 | Lukasz Malek | | 1217335 | 7063931.17 | 433748.25 | 918 | 30-40 | c | dark brown | 30 | | | | | 70 | weathered bedrock |
| 10-Jul-11 | Lukasz Malek | | 1217336 | 7063874.58 | 433727.48 | 916 | 40-50 | c | light grey | 10 | | | | | 90 | weathered bedrock |
| 10-Jul-11 | Lukasz Malek | | 1217337 | 7063813.47 | 433715.68 | 920 | 50-60 | c | light grey | | 20 | | | | 80 | weathered bedrock |
| 10-Jul-11 | Lukasz Malek | | 1217338 | 7063759.07 | 433721.42 | 912 | 60-70 | c | light brown | | 20 | | 10 | | 70 | weathered bedrock |
| 10-Jul-11 | Lukasz Malek | | 1217339 | 7063713.92 | 433734.29 | 922 | 40-50 | c | dark grey | | 10 | | | | 90 | weathered bedrock |
| 10-Jul-11 | Lukasz Malek | | 1217340 | 7063672.20 | 433710.82 | 914 | 30-40 | c | light grey | | | | | | 100 | weathered bedrock |
| 10-Jul-11 | Lukasz Malek | | 1217341 | 7063619.90 | 433710.12 | 916 | 40-50 | c | light brown | | 20 | | 10 | | 70 | weathered bedrock |
| 10-Jul-11 | Lukasz Malek | | 1217342 | 7063568.82 | 433683.68 | 915 | 60-70 | c | | 10 | | | | | 90 | weathered bedrock |
| 10-Jul-11 | Lukasz Malek | | 1217343 | 7063512.17 | 433679.13 | 916 | 40-50 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 10-Jul-11 | Lukasz Malek | | 1217344 | 7063453.63 | 433673.81 | 914 | 60-70 | c | light grey | 20 | 20 | | | | 60 | weathered bedrock |
| 10-Jul-11 | Lukasz Malek | | 1217345 | 7063403.70 | 433661.91 | 910 | 30-40 | c | light brown | 20 | 20 | | | | 60 | weathered bedrock |
| 10-Jul-11 | Lukasz Malek | | 1217346 | 7063346.65 | 433650.99 | 903 | 40-50 | c | light brown | 20 | 10 | | | | 70 | weathered bedrock |
| 10-Jul-11 | Lukasz Malek | | 1217347 | 7063297.62 | 433660.52 | 908 | 40-50 | c | dark brown | 20 | | | | | 80 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217401 | 7063452.51 | 431097.20 | 1253 | 20-30 | b/c | dark brown | | | | 30 | | 70 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217402 | 7063494.53 | 431038.34 | 1255 | 30-40 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217403 | 7063520.38 | 430994.77 | 1253 | 20-30 | b/c | dark brown | | | | | 40 | 60 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217404 | 7063547.26 | 430956.06 | 1248 | 30-40 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217405 | 7063573.44 | 430910.28 | 1226 | 50-60 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217406 | 7063600.98 | 430862.04 | 1245 | 20-30 | c | dark brown | | | | 60 | 40 | | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217407 | 7063625.62 | 430822.45 | 1208 | 30-40 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217408 | 7063654.74 | 430784.43 | 1237 | 50-60 | c | light brown | | 40 | | | 60 | | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217409 | 7063684.26 | 430743.11 | 1224 | 40-50 | c | olive grey | | | | 20 | | 80 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217410 | 7063710.63 | 430694.52 | 1185 | 60-70 | c | light brown | | 25 | | | | 75 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | | Parent Material |
|-----------|--------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | Clay | |
| 13-Jul-11 | Myles Rusk | | 1217411 | 7063734.42 | 430655.33 | 1171 | 20-30 | b/c | dark brown | | | | | 50 | 50 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217412 | 7063769.13 | 430618.46 | 1238 | 40-50 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217413 | 7063793.65 | 430569.76 | 1252 | 30-40 | b/c | dark brown | | | | | 40 | 60 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217414 | 7063821.06 | 430530.91 | 1231 | 40-50 | b/c | dark brown | | | | | 40 | 60 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217415 | 7063849.10 | 430492.48 | 1195 | 40-50 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217416 | 7063875.53 | 430447.65 | 1170 | 50-60 | c | light brown | | 40 | | | | 60 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217417 | 7063905.44 | 430406.61 | 1156 | 20-30 | b/c | olive grey | | | | | 30 | 70 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217418 | 7063933.11 | 430367.18 | 1137 | 20-30 | b/c | olive grey | | | | | 30 | 70 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217419 | 7063962.78 | 430326.09 | 1131 | 50-60 | c | light brown | | 40 | | | | 60 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217420 | 7063986.71 | 430280.95 | 1111 | 60-70 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217421 | 7064012.15 | 430241.39 | 1045 | 50-60 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217422 | 7064036.48 | 430186.12 | 1043 | 20-30 | b/c | olive grey | | | | | 50 | 50 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217423 | 7064067.50 | 430150.81 | 1015 | 30-40 | b/c | dark brown | | | | 30 | | 70 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217424 | 7064095.84 | 430100.93 | 1019 | 40-50 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217425 | 7064117.14 | 430063.72 | 1000 | 20-30 | b/c | dark brown | | | | | 40 | 60 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217426 | 7064142.29 | 430019.91 | 737 | 60-70 | c | light brown | | | | | 50 | 50 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217427 | 7064165.36 | 429974.43 | 781 | 50-60 | c | | | 25 | | | | 75 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217428 | 7064201.50 | 429935.61 | 833 | 40-50 | c | light brown | | | | 40 | | 60 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217429 | 7064237.50 | 429910.77 | 867 | 20-30 | b/c | light brown | | | | 70 | | 30 | weathered bedrock |
| 13-Jul-11 | Myles Rusk | | 1217430 | 7064263.90 | 429865.14 | 847 | 50-60 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 14-Jul-11 | Myles Rusk | OV-0090 | 1217431 | 7066908.98 | 431779.99 | 1335 | 20-30 | b/c | light brown | | | | | 40 | 60 | weathered bedrock |
| 14-Jul-11 | Myles Rusk | OV-0091 | 1217432 | 7066876.75 | 431817.49 | 1333 | 40-50 | c | light brown | | | | | 30 | 70 | weathered bedrock |
| 14-Jul-11 | Myles Rusk | OV-0092 | 1217433 | 7066847.63 | 431851.76 | 1331 | 50-60 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 14-Jul-11 | Myles Rusk | OV-0093 | 1217434 | 7066815.96 | 431891.03 | 1329 | 10-20 | b/c | dark brown | | | | 40 | | 60 | weathered bedrock |
| 14-Jul-11 | Myles Rusk | OV-0094 | 1217435 | 7066788.84 | 431931.31 | 1327 | 20-30 | b/c | dark brown | | | | | 40 | 60 | weathered bedrock |
| 14-Jul-11 | Myles Rusk | OV-0095 | 1217436 | 7066756.20 | 431971.08 | 1324 | 40-50 | c | light brown | | | 20 | | | 80 | weathered bedrock |
| 14-Jul-11 | Myles Rusk | OV-0096 | 1217437 | 7066725.94 | 432011.53 | 1323 | 50-60 | c | light brown | | | 25 | | | 75 | weathered bedrock |
| 14-Jul-11 | Myles Rusk | OV-0097 | 1217438 | 7066689.77 | 432052.72 | 1320 | 30-40 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 14-Jul-11 | Myles Rusk | OV-0098 | 1217439 | 7066659.59 | 432087.50 | 1320 | 30-40 | c | light brown | | | | 30 | | 70 | weathered bedrock |
| 14-Jul-11 | Myles Rusk | OV-0099 | 1217440 | 7066627.87 | 432123.26 | 1315 | 10-20 | b/c | dark brown | | | | | 40 | 60 | weathered bedrock |
| 14-Jul-11 | Myles Rusk | OV-0100 | 1217441 | 7066600.88 | 432168.07 | 1309 | 30-40 | c | light brown | | | | 30 | | 70 | weathered bedrock |
| 14-Jul-11 | Myles Rusk | OV-0101 | 1217442 | 7066566.20 | 432203.81 | 1308 | 10-20 | b/c | dark brown | | | | 40 | | 60 | weathered bedrock |
| 14-Jul-11 | Myles Rusk | OV-0102 | 1217443 | 7066532.89 | 432242.27 | 1309 | 40-50 | c | light brown | | | 30 | | | 70 | weathered bedrock |
| 14-Jul-11 | Myles Rusk | OV-0103 | 1217444 | 7066503.81 | 432282.52 | 1305 | 30-40 | c | light brown | | | 30 | | | 70 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | | Parent Material |
|-----------|--------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | Clay | |
| 14-Jul-11 | Myles Rusk | OV-0104 | 1217445 | 7066472.70 | 432322.79 | 1302 | 20-30 | b/c | light brown | | | | | 40 | 60 | weathered bedrock |
| 14-Jul-11 | Myles Rusk | OV-0105 | 1217446 | 7066439.85 | 432361.91 | 1297 | 60-70 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 14-Jul-11 | Myles Rusk | OV-0106 | 1217447 | 7066409.00 | 432397.65 | 1291 | 30-40 | c | light brown | | | | 40 | | 60 | weathered bedrock |
| 14-Jul-11 | Myles Rusk | OV-0107 | 1217448 | 7066377.07 | 432437.60 | 1285 | 50-60 | c | light brown | | | 40 | | | 60 | weathered bedrock |
| 14-Jul-11 | Myles Rusk | OV-0108 | 1217449 | 7066347.44 | 432477.60 | 1278 | 30-40 | c | light brown | | | 30 | | | 70 | weathered bedrock |
| 14-Jul-11 | Myles Rusk | OV-0109 | 1217450 | 7066313.40 | 432513.43 | 1270 | 40-50 | c | light brown | | | | 50 | | 50 | weathered bedrock |
| 13-Jul-11 | Sam Snelling | | 1217451 | 7063005.40 | 431000.85 | 1279 | 20-30 | | light brown | | 10 | | | 30 | 60 | |
| 13-Jul-11 | Sam Snelling | | 1217452 | 7062990.96 | 430953.75 | 1268 | 50-60 | | light brown | | 20 | | 20 | | 80 | |
| 13-Jul-11 | Sam Snelling | | 1217453 | 7062976.02 | 430906.88 | 1263 | 50-60 | | light brown | | | | 30 | 20 | 50 | |
| 13-Jul-11 | Sam Snelling | | 1217454 | 7062964.44 | 430853.23 | 1266 | 60-70 | | light brown | | | | | 50 | 50 | |
| 13-Jul-11 | Sam Snelling | | 1217455 | 7062960.42 | 430797.05 | 1251 | 60-70 | | light brown | | 10 | | 30 | 20 | 40 | |
| 13-Jul-11 | Sam Snelling | | 1217456 | 7062941.91 | 430741.58 | 1237 | 50-60 | | light brown | | 20 | | 10 | 10 | 60 | |
| 13-Jul-11 | Sam Snelling | | 1217457 | 7062910.54 | 430694.63 | 1215 | 60-70 | | light grey | | 30 | | 10 | 50 | 10 | |
| 13-Jul-11 | Sam Snelling | | 1217458 | 7062895.86 | 430650.40 | 1181 | 60-70 | | light brown | | 10 | | 30 | 50 | 10 | |
| 13-Jul-11 | Sam Snelling | | 1217459 | 7062870.14 | 430601.78 | 1166 | 30-40 | | light grey | | 20 | | 30 | 30 | 20 | |
| 13-Jul-11 | Sam Snelling | | 1217460 | 7062850.66 | 430561.36 | 1132 | 40-50 | | light brown | | 10 | | 10 | 20 | 60 | |
| 13-Jul-11 | Sam Snelling | | 1217461 | 7062823.29 | 430513.09 | 1123 | 50-60 | | light brown | | 10 | | 20 | 50 | 20 | |
| 13-Jul-11 | Sam Snelling | | 1217462 | 7062791.87 | 430474.81 | 1114 | 50-60 | | light grey | | 25 | | 15 | 30 | 30 | |
| 13-Jul-11 | Sam Snelling | | 1217463 | 7062782.93 | 430430.83 | 1107 | 60-70 | | dark brown | | 10 | | 20 | 30 | 40 | |
| 13-Jul-11 | Sam Snelling | | 1217464 | 7062756.93 | 430381.86 | 1096 | 60-70 | | dark grey | | 10 | | 10 | 50 | 30 | |
| 13-Jul-11 | Sam Snelling | | 1217465 | 7062726.41 | 430339.30 | 1084 | 60-70 | | light grey | | 20 | | 30 | 30 | 20 | |
| 13-Jul-11 | Sam Snelling | | 1217466 | 7062704.12 | 430295.75 | 1070 | 50-60 | | light brown | | 20 | | 10 | 30 | 40 | |
| 13-Jul-11 | Sam Snelling | | 1217467 | 7062681.55 | 430251.04 | 1057 | 60-70 | | light brown | | 10 | | 10 | 30 | 50 | |
| 13-Jul-11 | Sam Snelling | | 1217468 | 7062654.92 | 430200.22 | 1041 | 40-50 | | light brown | | 10 | | 10 | 20 | 60 | |
| 13-Jul-11 | Sam Snelling | | 1217469 | 7062648.30 | 430158.97 | 1033 | | | light grey | | 10 | | 20 | 30 | 40 | |
| 13-Jul-11 | Sam Snelling | | 1217470 | 7062629.62 | 430112.35 | 1020 | | | dark grey | | 30 | | 30 | 30 | 10 | |
| 13-Jul-11 | Sam Snelling | | 1217471 | 7062613.72 | 430065.83 | 1016 | 70-80 | | dark grey | | 10 | | 20 | 30 | 40 | |
| 13-Jul-11 | Sam Snelling | | 1217472 | 7062580.49 | 430024.95 | 1025 | 60-70 | | light grey | | 30 | | 20 | 20 | 3 | |
| 13-Jul-11 | Sam Snelling | | 1217473 | 7062558.76 | 429977.13 | 1011 | 60-70 | | dark grey | | 10 | | 10 | 10 | 70 | |
| 13-Jul-11 | Sam Snelling | | 1217474 | 7062537.98 | 429926.75 | 980 | 50-60 | | light grey | | 40 | | 20 | 20 | 20 | |
| 13-Jul-11 | Sam Snelling | | 1217475 | 7062536.08 | 429870.27 | 954 | 50-60 | | light brown | | 20 | | 10 | 20 | 50 | |
| 13-Jul-11 | Sam Snelling | | 1217476 | 7062519.76 | 429823.67 | 942 | 70-80 | | light brown | | 10 | | 10 | 10 | 70 | |
| 14-Jul-11 | Sam Snelling | OV-0294 | 1217477 | 7061933.31 | 429329.59 | 749 | >80 | c | light grey | | | | 80 | 10 | 10 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0293 | 1217478 | 7061968.48 | 429363.09 | 755 | >80 | c | light grey | | | | 30 | 20 | 50 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0292 | 1217479 | 7061995.90 | 429403.65 | 763 | 60-40 | c | dark grey | | 10 | | 20 | 30 | 40 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | Parent Material | |
|-----------|--------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|-----------------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | | Clay |
| 14-Jul-11 | Sam Snelling | OV-0291 | 1217480 | 7062024.81 | 429435.55 | 772 | 60-70 | c | light grey | | 20 | | 10 | 20 | 50 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0290 | 1217481 | 7062074.61 | 429461.89 | 784 | 50-60 | c | light grey | | 10 | | 10 | 20 | 60 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0289 | 1217482 | 7062103.62 | 429499.82 | 795 | 20-30 | c | light grey | | 20 | | 20 | 20 | 40 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0288 | 1217483 | 7062133.20 | 429546.81 | 805 | 40-50 | c | light grey | | 20 | | 10 | 10 | 60 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0287 | 1217484 | 7062166.86 | 429587.84 | 816 | 50-60 | c | light grey | | 10 | | 10 | 10 | 70 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0286 | 1217485 | 7062196.56 | 429623.54 | 832 | 50-60 | c | light brown | | 10 | | 5 | 5 | 80 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0285 | 1217486 | 7062233.08 | 429660.84 | 845 | 30-40 | c | dark brown | | 10 | | 40 | 20 | 30 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0284 | 1217487 | 7062259.24 | 429693.11 | 866 | 50-60 | c | light grey | | 20 | | 20 | 10 | 50 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0283 | 1217488 | 7062307.70 | 429727.04 | 885 | 50-60 | c | light brown | | 10 | | 10 | 20 | 60 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0282 | 1217489 | 7062323.15 | 429764.07 | 909 | 50-60 | c | light brown | | 20 | | 10 | 20 | 50 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0546 | 1217490 | 7062367.20 | 428785.56 | 815 | 40-50 | c | light brown | | 20 | | 20 | 30 | 30 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0595 | 1217491 | 7062402.31 | 428783.95 | 831 | 40-50 | c | light grey | | 20 | | 10 | 50 | 20 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0594 | 1217492 | 7062447.47 | 428764.06 | 847 | 60-70 | c | light brown | | 10 | | 40 | 20 | 30 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0593 | 1217493 | 7062494.62 | 428746.66 | 861 | 50-60 | c | light brown | | 10 | | 50 | 20 | 20 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0592 | 1217494 | 7062548.46 | 428744.89 | 874 | 50-60 | c | light brown | | 20 | | 20 | 20 | 40 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0591 | 1217495 | 7062589.61 | 428730.20 | 887 | 40-50 | c | light brown | | 30 | | 20 | 10 | 40 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0590 | 1217496 | 7062632.50 | 428713.02 | 898 | 50-60 | c | light brown | | 20 | | 10 | 20 | 50 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0589 | 1217497 | 7062689.03 | 428707.77 | 913 | 30-40 | c | light grey | | 30 | | 20 | 10 | 40 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0588 | 1217498 | 7062737.28 | 428685.03 | 923 | 40-50 | c | light grey | | 20 | | 10 | 10 | 60 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0587 | 1217499 | 7062782.17 | 428677.68 | 930 | 50-60 | c | light brown | | 20 | | 10 | 10 | 60 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0586 | 1217500 | 7062840.23 | 428663.80 | 941 | 40-50 | c | dark grey | | 30 | | 10 | 20 | 40 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0331 | 1217501 | 7067053.16 | 429478.60 | 1375 | 20-30 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0340 | 1217502 | 7067020.46 | 429445.73 | 1379 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0341 | 1217503 | 7066983.41 | 429409.48 | 1379 | 30-40 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0342 | 1217504 | 7066948.94 | 429374.44 | 1382 | 30-40 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0343 | 1217505 | 7066914.60 | 429335.37 | 1385 | 30-40 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0344 | 1217506 | 7066886.38 | 429298.23 | 1387 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0345 | 1217507 | 7066843.40 | 429264.27 | 1389 | 30-40 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0346 | 1217508 | 7066814.24 | 429229.40 | 1393 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0347 | 1217509 | 7066773.44 | 429195.50 | 1392 | 20-30 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0348 | 1217510 | 7066741.20 | 429161.66 | 1393 | 30-40 | c | light brown | | 5 | | | | 95 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0349 | 1217511 | 7066707.15 | 429117.21 | 1393 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0350 | 1217512 | 7066666.80 | 429085.60 | 1395 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0351 | 1217513 | 7066639.41 | 429050.42 | 1398 | 20-30 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0352 | 1217514 | 7066602.57 | 429015.57 | 1401 | 40-50 | c | light brown | | 10 | | | | 90 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | | Parent Material |
|-----------|--------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | Clay | |
| 15-Jul-11 | Conner McKay | OV-0353 | 1217515 | 7066567.23 | 428975.28 | 1401 | 40-50 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0354 | 1217516 | 7066536.25 | 428939.47 | 1402 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0355 | 1217517 | 7066507.96 | 428902.16 | 1403 | 30-40 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0356 | 1217518 | 7066474.49 | 428863.84 | 1406 | 30-40 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0357 | 1217519 | 7066439.18 | 428827.91 | 1406 | 30-40 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0358 | 1217520 | 7066402.76 | 428793.28 | 1408 | | | | | | | | | | |
| 15-Jul-11 | Conner McKay | OV-0359 | 1217521 | 7066373.57 | 428752.28 | 1408 | 30-40 | c | light brown | | 5 | | | | 95 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0360 | 1217522 | 7066338.31 | 428710.11 | 1410 | | | | | | | | | | |
| 15-Jul-11 | Conner McKay | OV-0361 | 1217523 | 7066304.32 | 428679.81 | 1407 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0362 | 1217524 | 7066271.51 | 428643.45 | 1418 | 20-30 | c | light brown | | 50 | | | | 50 | talus |
| 15-Jul-11 | Conner McKay | OV-0363 | 1217525 | 7066236.88 | 428602.18 | 1445 | 10-20 | b/c | light grey | | 50 | | | | 50 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0364 | 1217526 | 7066204.38 | 428566.23 | 1446 | 20-30 | c | light brown | | 35 | | | | 60 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0365 | 1217527 | 7066173.35 | 428528.27 | 1447 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0366 | 1217528 | 7066142.55 | 428490.59 | 1445 | 20-30 | c | dark brown | | 20 | | | | 80 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0367 | 1217529 | 7066109.02 | 428447.60 | 1447 | 20-30 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0368 | 1217530 | 7066111.54 | 428389.16 | 1460 | 10-20 | b/c | dark brown | | 40 | | | | 60 | talus |
| 15-Jul-11 | Conner McKay | OV-0369 | 1217531 | 7066073.53 | 428346.20 | 1461 | 20-30 | b/c | light brown | | | | 20 | | 80 | weathered bedrock |
| 15-Jul-11 | Conner McKay | OV-0370 | 1217532 | 7066043.53 | 428319.20 | 1460 | 20-30 | b/c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1087 | 1217664 | 7069069.28 | 424959.41 | 1144 | 30-40 | c | light brown | | | | | 10 | 90 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1088 | 1217665 | 7069116.94 | 424962.51 | 1151 | 20-30 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1089 | 1217666 | 7069165.37 | 424977.51 | 1157 | 20-30 | | light brown | | 10 | | | | 90 | till |
| 23-Jul-11 | Conner McKay | OV-1090 | 1217667 | 7069214.88 | 424983.01 | 1163 | 30-40 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1091 | 1217668 | 7069262.91 | 424993.63 | 1173 | 30-40 | c | light brown | | | | 10 | | 90 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1092 | 1217669 | 7069313.55 | 424998.90 | 1177 | 30-40 | c | light brown | | | | 15 | | 85 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1093 | 1217670 | 7069362.97 | 425007.10 | 1181 | 30-40 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1094 | 1217671 | 7069408.05 | 425016.08 | 1186 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1095 | 1217672 | 7069460.94 | 425028.72 | 1189 | 40-50 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1096 | 1217673 | 7069513.18 | 425031.97 | 1192 | 30-40 | | light brown | | 5 | | | | 95 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1097 | 1217674 | 7069560.71 | 425043.12 | 1191 | 40-50 | c | light brown | | | | 20 | | 80 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1098 | 1217675 | 7069608.74 | 425055.33 | 1187 | 40-50 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1099 | 1217676 | 7069660.33 | 425057.37 | 1182 | 30-40 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1100 | 1217677 | 7069707.83 | 425072.01 | 1175 | 40-50 | c | light brown | | | | 10 | | 90 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1101 | 1217678 | 7069757.06 | 425080.31 | 1171 | 40-50 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1102 | 1217679 | 7069805.88 | 425079.98 | 1168 | 30-40 | c | light brown | | 15 | | | | 85 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | Parent Material | |
|-----------|--------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|-----------------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | | Clay |
| 23-Jul-11 | Conner McKay | OV-1103 | 1217680 | 7069854.37 | 425073.02 | 1165 | 40-50 | c | light brown | | | | 10 | | 90 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1104 | 1217681 | 7069904.89 | 425058.44 | 1164 | 40-50 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1105 | 1217682 | 7069952.14 | 425049.96 | 1158 | 30-40 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1106 | 1217683 | 7070001.86 | 425044.02 | 1152 | 20-30 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1107 | 1217684 | 7070049.16 | 425032.36 | 1147 | 20-30 | c | light brown | | 35 | | | | 65 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1108 | 1217685 | 7070099.52 | 425025.92 | 1144 | 20-30 | c | light brown | | 40 | | | | 60 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1109 | 1217686 | 7070147.95 | 425016.43 | 1137 | 20-30 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1110 | 1217687 | 7070199.77 | 425005.13 | 1134 | 30-40 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1111 | 1217688 | 7070248.75 | 424995.08 | 1128 | 30-40 | c | light brown | | | | 20 | | 80 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1112 | 1217689 | 7070298.79 | 424989.86 | 1124 | 30-40 | c | light brown | | 35 | | | | 65 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1113 | 1217690 | 7070342.20 | 424977.99 | 1120 | 30-40 | c | light brown | | | 25 | | | 65 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1114 | 1217691 | 7070392.07 | 424965.75 | 1118 | 40-50 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1115 | 1217692 | 7070443.56 | 424959.94 | 1110 | 30-40 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1116 | 1217693 | 7070488.22 | 424973.71 | 1105 | 30-40 | c | light brown | | 40 | | | | 60 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1117 | 1217694 | 7070537.44 | 424988.98 | 1097 | 20-30 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1118 | 1217695 | 7070586.23 | 425003.97 | 1090 | 30-40 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1119 | 1217696 | 7070634.53 | 425018.16 | 1095 | 20-30 | c | light brown | | | | 25 | | 75 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1120 | 1217697 | 7070680.30 | 425035.98 | 1093 | 30-40 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1121 | 1217698 | 7070728.19 | 425051.72 | 1089 | 30-40 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1122 | 1217699 | 7070774.45 | 425070.29 | 1075 | 30-40 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1123 | 1217700 | 7070823.04 | 425086.20 | 1072 | 30-40 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1124 | 1217701 | 7070867.95 | 425099.84 | 1070 | 30-40 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1125 | 1217702 | 7070914.43 | 425119.04 | 1066 | 30-40 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1126 | 1217703 | 7070964.59 | 425136.77 | 1054 | 20-30 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1127 | 1217704 | 7071006.55 | 425158.89 | 1046 | 20-30 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1128 | 1217705 | 7071051.24 | 425180.98 | 1039 | 30-40 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1129 | 1217706 | 7071097.38 | 425202.26 | 1031 | 40-50 | c | light brown | | 40 | | | | 60 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1130 | 1217707 | 7071141.49 | 425225.43 | 1021 | 30-40 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1131 | 1217708 | 7071184.84 | 425249.21 | 1008 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1132 | 1217709 | 7071229.73 | 425268.85 | 991 | | | | | | | | | | |
| 23-Jul-11 | Conner McKay | OV-1133 | 1217710 | 7071276.37 | 425291.71 | 976 | 20-30 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1134 | 1217711 | 7071319.99 | 425313.87 | 960 | 20-30 | c | light brown | | 40 | | | | 60 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1135 | 1217712 | 7071365.19 | 425333.48 | 945 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1136 | 1217713 | 7071409.07 | 425364.25 | 933 | 20-30 | c | | | 40 | | | | 60 | weathered bedrock |
| 23-Jul-11 | Conner McKay | OV-1137 | 1217714 | 7071455.89 | 425381.77 | 921 | 20-30 | c | light brown | | 20 | | | | 80 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | | Parent Material |
|-----------|--------------------------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | Clay | |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0461 | 1217715 | 7065352.28 | 423916.77 | 1334 | 40-50 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0462 | 1217716 | 7065328.15 | 423869.92 | 1320 | 30-40 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0463 | 1217717 | 7065303.87 | 423826.91 | 1307 | 30-40 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0464 | 1217718 | 7065272.26 | 423785.15 | 1294 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0465 | 1217719 | 7065252.45 | 423743.25 | 1281 | 40-50 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0466 | 1217720 | 7065233.15 | 423697.93 | 1268 | 20-30 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0467 | 1217721 | 7065201.29 | 423660.47 | 1250 | 30-40 | c | light brown | | | | 20 | | 80 | weathered bedrock |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0468 | 1217722 | 7065165.74 | 423618.76 | 1233 | 40-50 | c | light brown | | | | | 15 | 85 | weathered bedrock |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0469 | 1217723 | 7065137.98 | 423580.17 | 1222 | 20-30 | c | light brown | | 15 | | | | 85 | talus |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0470 | 1217724 | 7065101.69 | 423539.20 | 1212 | 30-40 | c | light brown | | | | 30 | | 70 | weathered bedrock |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0471 | 1217725 | 7065076.44 | 423502.86 | 1199 | 30-40 | c | light brown | | | | 15 | | 85 | weathered bedrock |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0472 | 1217726 | 7065041.20 | 423469.66 | 1184 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0473 | 1217727 | 7065008.47 | 423429.88 | 1167 | 30-40 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0474 | 1217728 | 7064975.58 | 423388.97 | 1152 | 20-30 | c | light brown | | 20 | | | | 80 | till |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0475 | 1217729 | 7064944.33 | 423344.06 | 1129 | 40-50 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0476 | 1217730 | 7064908.32 | 423316.26 | 1118 | 50-60 | c | light brown | | | | 15 | | 85 | weathered bedrock |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0477 | 1217731 | 7064881.25 | 423272.36 | 1101 | 50-60 | c | light brown | | | | 15 | | 85 | weathered bedrock |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0478 | 1217732 | 7064846.72 | 423239.61 | 1091 | 40-50 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0479 | 1217733 | 7064821.49 | 423203.78 | 1085 | 30-40 | c | light brown | | | | 20 | | 80 | weathered bedrock |
| 26-Jul-11 | Conner McKay | OV-0910 | 1217734 | 7064860.95 | 421469.17 | 1070 | 30-40 | c | light brown | | | | 15 | | 85 | weathered bedrock |
| 26-Jul-11 | Conner McKay | OV-0911 | 1217735 | 7064837.91 | 421431.07 | 1069 | 20-30 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 26-Jul-11 | Conner McKay | OV-0912 | 1217736 | 7064803.15 | 421389.28 | 1066 | 20-30 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 26-Jul-11 | Conner McKay | OV-0913 | 1217737 | 7064771.95 | 421352.24 | 1063 | 20-30 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 26-Jul-11 | Conner McKay | OV-0914 | 1217738 | 7064742.94 | 421312.69 | 1067 | 10-20 | c | light brown | | 40 | | | | 60 | weathered bedrock |
| 26-Jul-11 | Conner McKay | OV-0915 | 1217739 | 7064708.99 | 421273.17 | 1069 | 20-30 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 26-Jul-11 | Conner McKay | OV-0916 | 1217740 | 7064676.94 | 421236.15 | 1060 | 20-30 | c | light brown | | 40 | | | | 60 | weathered bedrock |
| 26-Jul-11 | Conner McKay | OV-0917 | 1217741 | 7064646.40 | 421199.35 | 1053 | 30-40 | c | light brown | | | | | 10 | 90 | weathered bedrock |
| 26-Jul-11 | Conner McKay | OV-0918 | 1217742 | 7064604.78 | 421167.23 | 1049 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 26-Jul-11 | Conner McKay | OV-0919 | 1217743 | 7064564.33 | 421131.29 | 1047 | 20-30 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 26-Jul-11 | Conner McKay | OV-0920 | 1217744 | 7064536.60 | 421094.35 | 1047 | 20-30 | c | light brown | | | | | 15 | 85 | weathered bedrock |
| 26-Jul-11 | Conner McKay | OV-0921 | 1217745 | 7064494.84 | 421064.44 | 1044 | 30-40 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 26-Jul-11 | Conner McKay | OV-0922 | 1217746 | 7064457.00 | 421032.07 | 1042 | 30-40 | c | light brown | | | | | 20 | 80 | weathered bedrock |
| 26-Jul-11 | Conner McKay | OV-0923 | 1217747 | 7064422.43 | 420997.90 | 1037 | 50-60 | c | light brown | | | | | 20 | 80 | weathered bedrock |
| 26-Jul-11 | Conner McKay | OV-0924 | 1217748 | 7064386.60 | 420962.24 | 1035 | 30-40 | c | light grey | | 15 | | | | 85 | weathered bedrock |
| 26-Jul-11 | Conner McKay | OV-0925 | 1217749 | 7064344.67 | 420929.19 | 1041 | 20-30 | c | light grey | | 15 | | | | 85 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | Parent Material |
|-----------|--------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | |
| 26-Jul-11 | Conner McKay | OV-0926 | 1217750 | 7064311.38 | 420898.26 | 1047 | 20-30 | c | light brown | | 35 | | | 65 | weathered bedrock |
| 26-Jul-11 | Conner McKay | OV-0927 | 1217951 | 7064277.09 | 420862.77 | 1051 | 20-30 | c | light brown | | | 15 | | 85 | weathered bedrock |
| 26-Jul-11 | Conner McKay | OV-0928 | 1217952 | 7064237.28 | 420830.11 | 1046 | 20-30 | c | light brown | | | 15 | | 85 | weathered bedrock |
| 26-Jul-11 | Conner McKay | OV-0929 | 1217953 | 7064200.65 | 420793.88 | 1042 | 20-30 | c | light brown | | 15 | | | 85 | weathered bedrock |
| 26-Jul-11 | Conner McKay | OV-0930 | 1217954 | 7064160.87 | 420764.82 | 1039 | 20-30 | c | light brown | | 15 | | | 85 | weathered bedrock |
| 26-Jul-11 | Conner McKay | OV-0931 | 1217955 | 7064115.57 | 420741.30 | 1028 | 30-40 | c | light brown | | 15 | | | 85 | weathered bedrock |
| 26-Jul-11 | Conner McKay | OV-0932 | 1217956 | 7064079.46 | 420706.60 | 1024 | 30-40 | c | light brown | | 25 | | | 75 | weathered bedrock |
| 26-Jul-11 | Conner McKay | OV-0933 | 1217957 | 7064040.16 | 420680.26 | 1004 | 40-50 | c | light grey | | 20 | | | 80 | weathered bedrock |
| 26-Jul-11 | Conner McKay | OV-0934 | 1217958 | 7064013.34 | 420630.62 | | 40-50 | c | light grey | | | 30 | | 70 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1049 | 1218138 | 7066965.59 | 426099.36 | 1455 | >80 | c | light brown | | | 25 | 25 | 50 | talus |
| 22-Jul-11 | Ryan West | OV-1050 | 1218139 | 7067007.85 | 426107.76 | 1456 | 60-70 | c | light brown | | 25 | 25 | | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1051 | 1218140 | 7067060.61 | 426108.84 | 1453 | 60-70 | c | light brown | | | 25 | 25 | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1052 | 1218141 | 7067114.15 | 426115.62 | 1448 | | | | | | | | | |
| 22-Jul-11 | Ryan West | OV-1053 | 1218142 | 7067160.10 | 426121.17 | 1439 | 60-70 | c | light brown | | | | 50 | 50 | talus |
| 22-Jul-11 | Ryan West | OV-1054 | 1218143 | 7067209.80 | 426128.23 | 1428 | 60-70 | c | light brown | | | 25 | 25 | 50 | talus |
| 22-Jul-11 | Ryan West | OV-1055 | 1218144 | 7067260.63 | 426126.06 | 1412 | 60-70 | c | light brown | | | 50 | | 50 | talus |
| 22-Jul-11 | Ryan West | OV-1056 | 1218145 | 7067315.84 | 426128.14 | 1396 | 50-60 | b/c | light brown | | | 25 | 25 | 50 | talus |
| 22-Jul-11 | Ryan West | OV-1057 | 1218146 | 7067359.53 | 426133.49 | 1384 | 50-60 | c | light brown | | 25 | | 25 | 50 | talus |
| 22-Jul-11 | Ryan West | OV-1058 | 1218147 | 7067409.45 | 426138.04 | 1368 | 60-70 | c | light brown | | | 25 | 25 | 50 | talus |
| 22-Jul-11 | Ryan West | OV-1059 | 1218148 | 7067458.42 | 426142.38 | 1353 | 60-70 | b/c | light brown | | | | 50 | 50 | talus |
| 22-Jul-11 | Ryan West | OV-1060 | 1218149 | 7067506.71 | 426149.38 | 1340 | 30-40 | b/c | light brown | | 25 | | 25 | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1061 | 1218150 | 7067558.45 | 426150.15 | 1329 | 50-60 | b/c | light brown | | | 50 | | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1062 | 1218151 | 7067608.66 | 426153.75 | 1320 | 50-60 | b/c | light brown | | | 25 | 25 | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1063 | 1218152 | 7067657.81 | 426152.74 | 1307 | 50-60 | b/c | light brown | | | 50 | | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1064 | 1218153 | 7067708.93 | 426146.75 | 1288 | 50-60 | b/c | light brown | | 25 | | 25 | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1065 | 1218154 | 7067753.10 | 426128.91 | 1268 | 50-60 | b/c | light brown | | | 25 | 25 | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1066 | 1218155 | 7067804.08 | 426120.65 | 1254 | 50-60 | b/c | light brown | | 25 | 25 | | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1067 | 1218156 | 7067850.80 | 426102.01 | 1244 | 50-60 | b/c | light brown | | 25 | 25 | | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1068 | 1218157 | 7067901.29 | 426086.03 | 1232 | 50-60 | | light brown | | 25 | 25 | | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1069 | 1218158 | 7067949.12 | 426074.19 | 1221 | 50-60 | b/c | light brown | | 25 | 25 | | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1070 | 1218159 | 7067999.10 | 426065.03 | 1208 | 60-70 | b/c | light brown | | 25 | 25 | | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1071 | 1218160 | 7068041.14 | 426046.77 | 1196 | 60-70 | c | light brown | | 25 | | 25 | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1072 | 1218161 | 7068092.95 | 426023.59 | 1183 | 60-70 | b/c | light brown | | 25 | | 25 | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1073 | 1218162 | 7068135.82 | 426005.31 | 1172 | 50-60 | b/c | light brown | | | 25 | 25 | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1074 | 1218163 | 7068182.77 | 425983.83 | 1159 | 50-60 | b/c | light brown | | | 50 | | 50 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | | Parent Material |
|-----------|--------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|------------------|----------------|-----------|--------|------|------|------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | Clay | |
| 22-Jul-11 | Ryan West | OV-1075 | 1218164 | 7068226.76 | 425962.32 | 1149 | 50-60 | b/c | light brown | | 25 | 25 | | | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1076 | 1218165 | 7068265.55 | 425936.04 | 1137 | 40-50 | b/c | light brown | | 50 | | | | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1077 | 1218166 | 7068313.04 | 425910.89 | 1123 | 50-60 | b/c | light brown | | 25 | | 25 | | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1078 | 1218167 | 7068357.93 | 425898.43 | 1111 | 40-50 | b/c | light brown | | 50 | | | | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1079 | 1218168 | 7068405.28 | 425872.77 | 1097 | 50-60 | b/c | light brown | | 25 | | 25 | | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1080 | 1218169 | 7068451.23 | 425844.55 | 1082 | 50-60 | b/c | light brown | | | 25 | 25 | | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1081 | 1218170 | 7068490.82 | 425823.15 | 1065 | 70-80 | c | light brown | | | 25 | 25 | | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1082 | 1218171 | 7068535.25 | 425801.75 | 1037 | 60-70 | c | light brown | | | 25 | 25 | | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1083 | 1218172 | 7068587.07 | 425775.78 | 1016 | 50-60 | c | light brown | | | 25 | 25 | | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1084 | 1218173 | 7068625.88 | 425757.95 | 1003 | 60-70 | b/c | light brown | | | 30 | | | 70 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1085 | 1218174 | 7068669.58 | 425739.16 | 978 | 60-70 | b/c | light brown | | | 50 | | | 50 | weathered bedrock |
| 22-Jul-11 | Ryan West | OV-1086 | 1218175 | 7068679.93 | 425729.44 | 972 | 60-70 | b/c | light brown | | | 30 | | | 70 | weathered bedrock |
| 23-Jul-11 | Ryan West | OV-0598 | 1218176 | 7065617.06 | 425795.32 | 1579 | 60-70 | b/c | light brown | | | | 50 | | 50 | weathered bedrock |
| 23-Jul-11 | Ryan West | OV-0600 | 1218177 | 7065523.03 | 425777.74 | 1573 | 40-50 | b/c | light brown | | | 25 | 25 | | 50 | talus |
| 23-Jul-11 | Ryan West | OV-0602 | 1218178 | 7065424.25 | 425758.91 | 1565 | 40-50 | b/c | light brown | | | 25 | 25 | | 50 | talus |
| 23-Jul-11 | Ryan West | OV-0604 | 1218179 | 7065322.94 | 425741.54 | 1552 | 50-60 | b/c | light brown | | | 25 | 25 | | 50 | talus |
| 23-Jul-11 | Ryan West | OV-0606 | 1218180 | 7065223.91 | 425719.26 | 1532 | 40-50 | b/c | light brown | | | 25 | 25 | | 50 | talus |
| 23-Jul-11 | Ryan West | OV-0608 | 1218181 | 7065130.97 | 425701.27 | 1517 | 40-50 | b/c | light brown | | | 25 | 25 | | 50 | talus |
| 23-Jul-11 | Ryan West | OV-0610 | 1218182 | 7065028.01 | 425686.72 | 1506 | 40-50 | b/c | light brown | | | 25 | 25 | | 50 | talus |
| 23-Jul-11 | Ryan West | OV-0612 | 1218183 | 7064931.33 | 425682.79 | 1496 | 50-60 | b/c | light brown | | | 25 | 25 | | 50 | talus |
| 23-Jul-11 | Ryan West | OV-0614 | 1218184 | 7064829.05 | 425689.89 | 1491 | 50-60 | c | greenish grey | | | | 90 | | 10 | |
| 23-Jul-11 | Ryan West | OV-0616 | 1218185 | 7064732.38 | 425700.49 | 1484 | 50-60 | b/c | greenish grey | | | | 50 | | 50 | talus |
| 23-Jul-11 | Ryan West | OV-0618 | 1218186 | 7064627.80 | 425698.40 | 1479 | 40-50 | b/c | light brown | | | | 50 | | 50 | talus |
| 23-Jul-11 | Ryan West | OV-0620 | 1218187 | 7064530.12 | 425711.69 | 1474 | 50-60 | b/c | light brown | | | | 50 | | 50 | talus |
| 23-Jul-11 | Ryan West | OV-0622 | 1218188 | 7064434.68 | 425715.87 | 1466 | 60-70 | b/c | light brown | | | | 50 | | 50 | talus |
| 23-Jul-11 | Ryan West | OV-0624 | 1218189 | 7064335.90 | 425723.21 | 1459 | 50-60 | b/c | light brown | | | 25 | 25 | | 50 | talus |
| 23-Jul-11 | Ryan West | OV-0626 | 1218190 | 7064229.18 | 425733.26 | 1449 | 40-50 | b/c | light brown | | | 25 | 25 | | 50 | talus |
| 23-Jul-11 | Ryan West | OV-0628 | 1218191 | 7064135.14 | 425759.91 | 1442 | 60-70 | c | yellowish orange | | | 25 | 25 | | 50 | talus |
| 23-Jul-11 | Ryan West | OV-0630 | 1218192 | 7064041.74 | 425785.27 | 1437 | 50-60 | c | light brown | | | 25 | 25 | | 50 | talus |
| 23-Jul-11 | Ryan West | OV-0632 | 1218193 | 7063942.43 | 425811.38 | 1432 | 40-50 | b/c | light brown | | | | 50 | | 50 | talus |
| 23-Jul-11 | Ryan West | OV-0634 | 1218194 | 7063843.46 | 425833.92 | 1418 | | | | | | | | | | |
| 23-Jul-11 | Ryan West | OV-0636 | 1218195 | 7063746.96 | 425867.34 | 1406 | 50-60 | c | light brown | | | 25 | 25 | | 50 | talus |
| 23-Jul-11 | Ryan West | OV-0638 | 1218196 | 7063654.59 | 425887.60 | 1400 | 60-70 | c | light brown | | | 25 | 25 | | 50 | talus |
| 23-Jul-11 | Ryan West | OV-0640 | 1218197 | 7063555.00 | 425913.72 | 1395 | | | | | | | | | | |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | Parent Material | |
|-----------|--------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|-----------------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | | Clay |
| 23-Jul-11 | Ryan West | OV-0642 | 1218198 | 7063472.45 | 425953.84 | 1392 | 50-60 | b/c | light brown | | | | 50 | | 50 | talus |
| 23-Jul-11 | Ryan West | OV-0644 | 1218199 | 7063398.99 | 426028.93 | 1351 | | | | | | | | | | |
| 23-Jul-11 | Ryan West | OV-0646 | 1218200 | 7063335.05 | 426100.56 | 1305 | 60-70 | b/c | light brown | | | | 25 | | 75 | |
| 23-Jul-11 | Ryan West | OV-0648 | 1218201 | 7063271.65 | 426175.47 | 1269 | 50-60 | b/c | light brown | | | | 50 | | 50 | weathered bedrock |
| 23-Jul-11 | Ryan West | OV-0650 | 1218202 | 7063199.45 | 426255.72 | 1240 | 60-70 | b/c | light brown | | | | 50 | | 50 | weathered bedrock |
| 23-Jul-11 | Ryan West | OV-0652 | 1218203 | 7063132.82 | 426330.47 | 1213 | 60-70 | b/c | light brown | | | | 50 | | 50 | weathered bedrock |
| 23-Jul-11 | Ryan West | OV-0654 | 1218204 | 7063062.98 | 426408.23 | 1187 | 70-80 | b/c | light brown | | | | 50 | | 50 | talus |
| 23-Jul-11 | Ryan West | OV-0656 | 1218205 | 7063000.52 | 426481.42 | 1164 | 60-70 | b/c | light brown | | | | 50 | | 50 | talus |
| 23-Jul-11 | Ryan West | OV-0658 | 1218206 | 7062935.26 | 426550.44 | 1148 | 60-70 | b/c | light brown | | | 25 | 25 | | 50 | talus |
| 23-Jul-11 | Ryan West | OV-0660 | 1218207 | 7062862.04 | 426625.11 | 1134 | 60-70 | b/c | light brown | | | | 50 | | 50 | weathered bedrock |
| 23-Jul-11 | Ryan West | OV-0662 | 1218208 | 7062783.57 | 426689.81 | 1094 | 60-70 | b/c | light brown | | | | 50 | | 50 | weathered bedrock |
| 23-Jul-11 | Ryan West | OV-0664 | 1218209 | 7062709.11 | 426755.89 | 1067 | 60-70 | b/c | light brown | | | | 50 | | 50 | weathered bedrock |
| 23-Jul-11 | Ryan West | OV-0666 | 1218210 | 7062629.43 | 426812.34 | 1032 | 60-70 | b/c | light brown | | | | 50 | | 50 | weathered bedrock |
| 23-Jul-11 | Ryan West | OV-0668 | 1218211 | 7062552.92 | 426867.12 | 1013 | 70-80 | c | greenish grey | | | | 75 | | 25 | |
| 23-Jul-11 | Ryan West | OV-0670 | 1218212 | 7062472.26 | 426934.28 | 994 | 70-80 | b/c | light brown | | | | 75 | | 25 | weathered bedrock |
| 23-Jul-11 | Ryan West | OV-0672 | 1218213 | 7062389.97 | 426999.59 | 972 | 60-70 | b/c | light brown | | | | 50 | | 50 | weathered bedrock |
| 23-Jul-11 | Ryan West | OV-0674 | 1218214 | 7062312.72 | 427055.78 | 945 | 70-80 | | light brown | | | | 75 | | 25 | weathered bedrock |
| 23-Jul-11 | Ryan West | OV-0676 | 1218215 | 7062224.58 | 427097.00 | 927 | 70-80 | b/c | light brown | | | | 50 | | 50 | weathered bedrock |
| 23-Jul-11 | Ryan West | OV-0678 | 1218216 | 7062129.17 | 427123.69 | 915 | 60-70 | b/c | light brown | | | | 75 | | 25 | weathered bedrock |
| 23-Jul-11 | Ryan West | OV-0680 | 1218217 | 7062036.73 | 427150.82 | 886 | 60-70 | b/c | light brown | | | | 50 | | 50 | weathered bedrock |
| 23-Jul-11 | Ryan West | OV-0682 | 1218218 | 7061935.85 | 427175.00 | 860 | 0-10 | a | white | 100 | | | | | | till |
| 23-Jul-11 | Ryan West | OV-0684 | 1218219 | 7061835.43 | 427203.94 | 846 | 60-70 | b/c | light brown | | | | 70 | | 30 | weathered bedrock |
| 23-Jul-11 | Ryan West | OV-0686 | 1218220 | 7061743.17 | 427226.54 | 829 | 60-70 | b/c | light brown | | | | 75 | | 25 | weathered bedrock |
| 23-Jul-11 | Ryan West | OV-0688 | 1218221 | 7061647.97 | 427244.92 | 806 | 70-80 | b/c | light brown | | | 20 | 60 | | 20 | weathered bedrock |
| 23-Jul-11 | Ryan West | OV-0690 | 1218222 | 7061552.44 | 427273.98 | 780 | 70-80 | b/c | light brown | | | | 50 | | 50 | weathered bedrock |
| 23-Jul-11 | Ryan West | OV-0692 | 1218223 | 7061489.25 | 427283.12 | 768 | | | | | | | | | | |
| 24-Jul-11 | Ryan West | OV-0013 | 1218224 | 7064534.00 | 434425.00 | | 50-60 | b/c | light brown | | 25 | | 25 | | 50 | weathered bedrock |
| 24-Jul-11 | Ryan West | OV-0015 | 1218225 | 7064441.00 | 434465.00 | | 50-60 | b/c | light brown | | | 25 | 25 | | 50 | weathered bedrock |
| 24-Jul-11 | Ryan West | OV-0017 | 1218226 | 7064346.00 | 434500.00 | | 60-70 | c | light brown | | | 50 | | | 50 | weathered bedrock |
| 24-Jul-11 | Ryan West | OV-0019 | 1218227 | 7064248.00 | 434535.00 | | 60-70 | b/c | light brown | | | 25 | 25 | | 50 | weathered bedrock |
| 24-Jul-11 | Ryan West | OV-0021 | 1218228 | 7064161.00 | 434575.00 | | 50-60 | c | light brown | | 25 | | 25 | | 50 | weathered bedrock |
| 24-Jul-11 | Ryan West | OV-0023 | 1218229 | 7064059.00 | 434607.00 | | | | | | | | | | | |
| 24-Jul-11 | Ryan West | OV-0025 | 1218230 | 7063973.00 | 434641.00 | | 50-60 | b/c | light brown | | 25 | | 25 | | 50 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | | Parent Material |
|-----------|-----------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | Clay | |
| 24-Jul-11 | Ryan West | OV-0027 | 1218231 | 7063892.00 | 434692.00 | | 60-70 | b/c | light brown | | | 25 | 25 | | 50 | weathered bedrock |
| 24-Jul-11 | Ryan West | OV-0029 | 1218232 | 7063846.00 | 434779.00 | | 60-70 | c | light brown | | 25 | 25 | | | 50 | weathered bedrock |
| 24-Jul-11 | Ryan West | OV-0031 | 1218233 | 7063792.00 | 434865.00 | | 60-70 | c | light brown | | 25 | 25 | | | 50 | weathered bedrock |
| 24-Jul-11 | Ryan West | OV-0033 | 1218234 | 7063746.00 | 434953.00 | | 60-70 | c | light brown | | 25 | 25 | | | 50 | weathered bedrock |
| 24-Jul-11 | Ryan West | OV-0035 | 1218235 | 7063692.00 | 435036.00 | | 60-70 | c | light brown | | 25 | 25 | | | 50 | weathered bedrock |
| 24-Jul-11 | Ryan West | OV-0037 | 1218236 | 7063641.00 | 435130.00 | | >80 | b/c | light brown | | 25 | 25 | | | 50 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0884 | 1218237 | 7065582.47 | 422544.27 | 1238 | 50-60 | c | light brown | | 25 | 25 | | | 50 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0885 | 1218238 | 7065560.98 | 422505.01 | 1221 | 50-60 | c | light brown | | 25 | 25 | | | 50 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0886 | 1218239 | 7065532.15 | 422461.06 | 1206 | 40-50 | b/c | light brown | | 25 | 25 | | | 50 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0887 | 1218240 | 7065506.19 | 422419.21 | 1195 | 40-50 | b/c | light brown | | 25 | 25 | | | 50 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0888 | 1218241 | 7065480.58 | 422372.18 | 1185 | 40-50 | b/c | light brown | | 25 | 25 | | | 50 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0889 | 1218242 | 7065451.30 | 422329.36 | 1177 | 50-60 | c | light brown | | 25 | | 25 | | 50 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0890 | 1218243 | 7065431.42 | 422290.98 | 1173 | 40-50 | c | light brown | | 25 | | 25 | | 50 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0891 | 1218244 | 7065412.27 | 422247.96 | 1168 | 40-50 | c | greenish grey | | 25 | | 25 | | 50 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0892 | 1218245 | 7065378.01 | 422199.15 | 1161 | 40-50 | c | greenish grey | | 25 | 25 | | | 50 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0893 | 1218246 | 7065360.91 | 422154.22 | 1153 | 50-60 | c | greenish grey | | 25 | 25 | | | 50 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0894 | 1218247 | 7065334.90 | 422112.17 | 1149 | 40-50 | b/c | greenish grey | | 25 | 25 | | | 50 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0895 | 1218248 | 7065304.01 | 422074.18 | 1146 | 30-40 | b/c | greenish grey | | 25 | 25 | | | 50 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0896 | 1218249 | 7065278.97 | 422029.60 | 1142 | 40-50 | c | greenish grey | | 25 | 25 | | | 50 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0897 | 1218250 | 7065249.34 | 421985.05 | 1139 | 40-50 | c | | | 25 | 25 | 25 | | 25 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0420 | 1218351 | 7065701.41 | 425891.70 | 1597 | 20-30 | b | dark grey | 30 | | | | | 70 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0419 | 1218352 | 7065697.43 | 425936.32 | 1597 | 40-50 | c | dark brown | | 15 | | | | 85 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0418 | 1218353 | 7065694.08 | 425984.76 | 1596 | 50-60 | c | dark brown | | 10 | | | | 90 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0417 | 1218354 | 7065689.88 | 426036.67 | 1593 | 50-60 | c | dark brown | | 10 | | | | 90 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0416 | 1218355 | 7065686.60 | 426086.62 | 1590 | 50-60 | c | dark brown | | 10 | | | | 90 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0415 | 1218356 | 7065684.39 | 426135.74 | 1586 | 50-60 | c | dark brown | | 5 | | | | 95 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0414 | 1218357 | 7065682.14 | 426185.05 | 1583 | 40-50 | c | dark brown | | 10 | | | | 90 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0413 | 1218358 | 7065674.50 | 426234.77 | 1579 | 30-40 | b/c | dark brown | | 25 | | | | 75 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0412 | 1218359 | 7065676.39 | 426283.35 | 1572 | 30-40 | b/c | dark brown | | 10 | | | | 90 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0411 | 1218360 | 7065671.71 | 426335.04 | 1568 | 50-60 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0410 | 1218361 | 7065673.02 | 426381.72 | 1563 | 50-60 | c | dark brown | | 10 | | | | 90 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0409 | 1218362 | 7065668.89 | 426437.89 | 1557 | 60-70 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0408 | 1218363 | 7065666.18 | 426482.62 | 1553 | 50-60 | c | light grey | | 20 | | | | 80 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0407 | 1218364 | 7065658.47 | 426534.12 | 1549 | 40-50 | b/c | dark grey | | 15 | | | | 85 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | Parent Material |
|-----------|-----------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | |
| 22-Jul-11 | Thomas Barrette | OV-0406 | 1218365 | 7065664.85 | 426587.56 | 1552 | 40-50 | b/c | light brown | | 20 | | | 80 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0405 | 1218366 | 7065661.64 | 426636.81 | 1552 | 40-50 | b/c | light grey | | 10 | | | 90 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0404 | 1218367 | 7065655.53 | 426687.42 | 1548 | 30-40 | b/c | dark brown | | 25 | | | 75 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0403 | 1218368 | 7065652.92 | 426737.15 | 1545 | 40-50 | b/c | dark brown | | 20 | | | 80 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0402 | 1218369 | 7065655.00 | 426783.78 | 1546 | 50-60 | c | light brown | | 5 | | | 95 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0401 | 1218370 | 7065658.78 | 426834.06 | 1552 | 30-40 | b/c | dark brown | | 20 | | | 80 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0400 | 1218371 | 7065665.85 | 426885.81 | 1552 | 30-40 | b/c | dark brown | 30 | | | | 70 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0399 | 1218372 | 7065676.10 | 426935.55 | 1547 | 30-40 | b | dark brown | 30 | | | | 70 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0398 | 1218373 | 7065678.93 | 426986.01 | 1533 | 20-30 | a/b | black | 70 | | | | 30 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0397 | 1218374 | 7065681.07 | 427033.50 | 1530 | 30-40 | b/c | dark brown | | 5 | | | 95 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0396 | 1218375 | 7065692.64 | 427079.84 | 1526 | 60-70 | c | light brown | | 10 | | | 90 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0395 | 1218376 | 7065697.18 | 427129.21 | 1524 | 60-70 | c | light brown | | 5 | | | 95 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0394 | 1218377 | 7065704.59 | 427180.36 | 1520 | 50-60 | c | light brown | | 10 | | | 90 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0393 | 1218378 | 7065713.83 | 427230.96 | 1519 | 50-60 | c | dark brown | | 10 | | | 90 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0392 | 1218379 | 7065717.70 | 427279.55 | 1519 | 50-60 | c | dark brown | | 10 | | | 90 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0391 | 1218380 | 7065724.92 | 427327.30 | 1519 | 50-60 | c | light brown | | 5 | | | 95 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0390 | 1218381 | 7065734.38 | 427376.50 | 1518 | 50-60 | c | light brown | | 10 | | | 90 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0389 | 1218382 | 7065741.19 | 427426.18 | 1513 | 40-50 | c | dark brown | | 10 | | | 90 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0388 | 1218383 | 7065739.50 | 427479.69 | 1506 | 30-40 | b | dark brown | 25 | | | | 75 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0387 | 1218384 | 7065749.90 | 427528.75 | 1495 | 30-40 | b/c | light brown | | 20 | | | 80 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0386 | 1218385 | 7065758.76 | 427575.84 | 1492 | 40-50 | b/c | dark brown | | 10 | | | 90 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0385 | 1218386 | 7065764.45 | 427623.65 | 1483 | 40-50 | b/c | light brown | | 15 | | | 85 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0384 | 1218387 | 7065774.39 | 427675.33 | 1480 | 40-50 | c | light brown | | 10 | | | 90 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0383 | 1218388 | 7065775.06 | 427725.80 | 1479 | 40-50 | b/c | light brown | | 15 | | | 85 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0382 | 1218389 | 7065783.98 | 427777.24 | 1477 | 40-50 | b/c | light brown | | 10 | | | 90 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0381 | 1218390 | 7065796.01 | 427827.87 | 1474 | 40-50 | c | light brown | | 10 | | | 90 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0380 | 1218391 | 7065796.00 | 427875.94 | 1469 | 40-50 | b/c | dark brown | | 20 | | | 80 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0379 | 1218392 | 7065823.11 | 427921.28 | 1468 | 70-80 | c | light brown | | | | | 100 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0378 | 1218393 | 7065853.21 | 427961.40 | 1464 | 40-50 | c | light brown | | 5 | | | 95 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0377 | 1218394 | 7065873.95 | 428009.97 | 1463 | 40-50 | b/c | | | 15 | | | 85 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0376 | 1218395 | 7065894.96 | 428050.31 | 1461 | 40-50 | b/c | light brown | | 15 | | | 85 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0375 | 1218396 | 7065924.72 | 428095.46 | 1462 | 50-60 | c | light brown | | 10 | | | 90 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0374 | 1218397 | 7065945.31 | 428138.72 | 1462 | 50-60 | b/c | light brown | | 10 | | | 90 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0373 | 1218398 | 7065968.97 | 428179.37 | 1464 | 50-60 | c | light brown | | 10 | | | 90 | weathered bedrock |
| 22-Jul-11 | Thomas Barrette | OV-0372 | 1218399 | 7065993.12 | 428225.37 | 1466 | 50-60 | c | light brown | | 5 | | | 95 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | Parent Material |
|-----------|-----------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | |
| 22-Jul-11 | Thomas Barrette | OV-0371 | 1218400 | 7066017.60 | 428265.50 | 1467 | 40-50 | c | light brown | | 5 | | | 95 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1009 | 1218401 | 7067535.22 | 427237.43 | 1422 | 40-50 | b/c | light brown | | 10 | | | 90 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1010 | 1218402 | 7067549.57 | 427279.62 | 1419 | 70-80 | c | light brown | | 15 | | | 85 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1011 | 1218403 | 7067564.86 | 427331.39 | 1410 | 70-80 | c | light brown | | 10 | | | 90 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1012 | 1218404 | 7067587.17 | 427373.29 | 1397 | 40-50 | b/c | light brown | | 15 | | | 85 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1013 | 1218405 | 7067630.77 | 427393.55 | 1383 | 40-50 | b/c | light brown | | 10 | | | 90 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1014 | 1218406 | 7067680.63 | 427411.67 | 1370 | 50-60 | b/c | light brown | | 10 | | | 90 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1015 | 1218407 | 7067727.59 | 427426.56 | 1360 | 50-60 | b/c | dark brown | | 10 | | | 90 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1016 | 1218408 | 7067770.05 | 427442.87 | 1353 | 50-60 | b/c | light brown | | 10 | | | 90 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1017 | 1218409 | 7067820.72 | 427458.65 | 1344 | 60-70 | c | light brown | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1018 | 1218410 | 7067869.66 | 427479.05 | 1341 | 70-80 | c | light brown | | 15 | | | 85 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1019 | 1218411 | 7067920.89 | 427496.45 | 1328 | 70-80 | c | dark brown | | 20 | | | 80 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1020 | 1218412 | 7067964.51 | 427513.57 | 1324 | 50-60 | c | dark brown | | 10 | | | 90 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1021 | 1218413 | 7068012.58 | 427526.31 | 1316 | 60-70 | c | light brown | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1022 | 1218414 | 7068057.41 | 427542.66 | 1307 | 40-50 | b/c | dark brown | | 15 | | | 85 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1023 | 1218415 | 7068102.21 | 427562.14 | 1300 | 40-50 | c | light brown | | 10 | | | 90 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1024 | 1218416 | 7068153.41 | 427559.82 | 1295 | 50-60 | c | dark brown | | 20 | | | 80 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1025 | 1218417 | 7068204.95 | 427553.85 | 1273 | 40-50 | b/c | dark brown | | 5 | | | 95 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1026 | 1218418 | 7068258.93 | 427542.79 | 1280 | 50-60 | c | light brown | | 10 | | | 90 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1027 | 1218419 | 7068307.89 | 427537.29 | 1270 | 50-60 | c | light brown | | 15 | | | 85 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1028 | 1218420 | 7068354.58 | 427530.33 | 1263 | 40-50 | b/c | dark brown | | 15 | | | 85 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1029 | 1218421 | 7068404.24 | 427527.95 | 1257 | 60-70 | c | light brown | | 10 | | | 90 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1030 | 1218422 | 7068457.19 | 427517.70 | 1245 | 50-60 | c | light brown | | 15 | | | 85 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1031 | 1218423 | 7068502.79 | 427509.03 | 1239 | 50-60 | c | light brown | | 20 | | | 80 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1032 | 1218424 | 7068558.68 | 427507.48 | 1223 | 60-70 | c | light brown | | 20 | | | 80 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1033 | 1218425 | 7068599.56 | 427505.05 | 1208 | 40-50 | b/c | dark brown | | 25 | | | 75 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1034 | 1218426 | 7068648.38 | 427494.95 | 1190 | 40-50 | c | dark brown | | 30 | | | 70 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1035 | 1218427 | 7068702.72 | 427491.83 | 1166 | 40-50 | b | dark brown | 30 | | | | 70 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1036 | 1218428 | 7068748.05 | 427474.58 | 1152 | 30-40 | b | dark brown | 40 | | | | 60 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1037 | 1218429 | 7068796.81 | 427456.96 | 1144 | 50-60 | b/c | dark brown | | 10 | | | 90 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1038 | 1218430 | 7068839.26 | 427435.65 | 1141 | 60-70 | b/c | dark brown | 30 | | | | 70 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1039 | 1218431 | 7068884.29 | 427418.94 | 1123 | 40-50 | b/c | dark brown | | 20 | | | 80 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1040 | 1218432 | 7068933.61 | 427393.91 | 1119 | 40-50 | b/c | dark brown | | 10 | | | 90 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1041 | 1218433 | 7068977.50 | 427377.32 | 1107 | 40-50 | b/c | dark brown | | 10 | | | 90 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1042 | 1218434 | 7069022.95 | 427352.80 | 1095 | 50-60 | b/c | dark brown | | 25 | | | 75 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | Parent Material | |
|-----------|-----------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|------------------|----------------|-----------|--------|------|------|-----------------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | | Clay |
| 23-Jul-11 | Thomas Barrette | OV-1043 | 1218435 | 7069067.39 | 427337.70 | 1076 | 60-70 | c | dark brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1044 | 1218436 | 7069113.92 | 427318.32 | 1055 | 50-60 | b/c | dark brown | | 30 | | | | 70 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1045 | 1218437 | 7069160.67 | 427296.06 | 1036 | 40-50 | b | light grey | 30 | | | | | 70 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1046 | 1218438 | 7069201.87 | 427276.97 | 1018 | 40-50 | b | dark grey | 35 | | | | | 65 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1047 | 1218439 | 7069251.30 | 427256.97 | 991 | 40-50 | b | dark grey | 30 | | | | | 70 | weathered bedrock |
| 23-Jul-11 | Thomas Barrette | OV-1048 | 1218440 | 7069275.23 | 427247.88 | 981 | 40-50 | b | dark grey | 30 | | | | | 70 | weathered bedrock |
| 24-Jul-11 | Thomas Barrette | OV-0014 | 1218441 | 7064486.66 | 434447.15 | 1063 | 50-60 | c | light brown | | 5 | | | | 95 | weathered bedrock |
| 24-Jul-11 | Thomas Barrette | OV-0016 | 1218442 | 7064387.72 | 434478.14 | 1059 | 70-80 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 24-Jul-11 | Thomas Barrette | OV-0018 | 1218443 | 7064301.26 | 434514.40 | 1056 | 40-50 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 24-Jul-11 | Thomas Barrette | OV-0020 | 1218444 | 7064199.97 | 434549.09 | 1041 | 50-60 | b/c | light grey | | 20 | | | | 80 | weathered bedrock |
| 24-Jul-11 | Thomas Barrette | OV-0022 | 1218445 | 7064107.95 | 434586.48 | 1027 | 40-50 | b | dark grey | 40 | | | | | 60 | weathered bedrock |
| 24-Jul-11 | Thomas Barrette | OV-0024 | 1218446 | 7064020.65 | 434620.83 | 1027 | 40-50 | b/c | light grey | 10 | | | | | 90 | weathered bedrock |
| 24-Jul-11 | Thomas Barrette | OV-0026 | 1218447 | 7063918.55 | 434655.64 | 1026 | 50-60 | c | light grey | | | | 10 | | 80 | weathered bedrock |
| 24-Jul-11 | Thomas Barrette | OV-0028 | 1218448 | 7063864.99 | 434739.33 | 1027 | 40-50 | b/c | light brown | | | | | | 100 | weathered bedrock |
| 24-Jul-11 | Thomas Barrette | OV-0030 | 1218449 | 7063815.00 | 434817.90 | 1004 | 60-70 | c | light grey | | 30 | | | | 70 | weathered bedrock |
| 24-Jul-11 | Thomas Barrette | OV-0032 | 1218450 | 7063775.10 | 434908.59 | 985 | 70-80 | c | light grey | | 25 | | | | 75 | weathered bedrock |
| 24-Jul-11 | Thomas Barrette | OV-0034 | 1218451 | 7063719.90 | 434996.88 | 955 | 70-80 | c | light brown | | 5 | | | | 95 | weathered bedrock |
| 24-Jul-11 | Thomas Barrette | OV-0036 | 1218452 | 7063673.17 | 435086.85 | 925 | 60-70 | c | yellowish orange | | 30 | | | | 70 | weathered bedrock |
| 24-Jul-11 | Thomas Barrette | OV-0038 | 1218453 | 7063621.25 | 435169.15 | 908 | 50-60 | b | dark grey | 40 | | | | | 60 | weathered bedrock |
| 24-Jul-11 | Thomas Barrette | OV-0040 | 1218454 | 7063602.74 | 435211.69 | 893 | 50-60 | c | greenish grey | | 50 | | | | 50 | weathered bedrock |
| | | | 1218455 | | | | | | | | | | | | | |
| 25-Jul-11 | Thomas Barrette | OV-0760 | 1218456 | 7062977.68 | 422972.06 | 1319 | 50-60 | b/c | light grey | | 15 | | | | 85 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0761 | 1218457 | 7062953.63 | 422927.06 | 1317 | 50-60 | c | light grey | | 25 | | | | 75 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0762 | 1218458 | 7062932.55 | 422884.20 | 1318 | 40-50 | b/c | light brown | | 10 | | | | 90 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0763 | 1218459 | 7062917.69 | 422837.01 | 1319 | 40-50 | c | light grey | | 15 | | | | 85 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0764 | 1218460 | 7062891.73 | 422796.81 | 1317 | 50-60 | c | light grey | | 20 | | | | 80 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0765 | 1218461 | 7062862.16 | 422755.84 | 1314 | 40-50 | c | light grey | | 30 | | | | 70 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0766 | 1218462 | 7062828.82 | 422713.43 | 1309 | 40-50 | c | light grey | | 25 | | | | 75 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0767 | 1218463 | 7062806.35 | 422679.99 | 1303 | 50-60 | b/c | light brown | | | | | | 100 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0768 | 1218464 | 7062773.49 | 422633.50 | 1294 | 50-60 | b/c | light grey | | 10 | | | | 90 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0769 | 1218465 | 7062744.03 | 422593.90 | 1290 | 50-60 | b/c | light brown | | | | | | 100 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0770 | 1218466 | 7062716.46 | 422552.87 | 1285 | 40-50 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0771 | 1218467 | 7062690.59 | 422510.19 | 1279 | 40-50 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0772 | 1218468 | 7062656.68 | 422468.11 | 1273 | 40-50 | b/c | light brown | | 10 | | | | 90 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0773 | 1218469 | 7062633.44 | 422428.30 | 1272 | 40-50 | b/c | dark brown | | 10 | | | | 90 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | Parent Material | |
|-----------|-----------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|-----------------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | | Clay |
| 25-Jul-11 | Thomas Barrette | OV-0774 | 1218470 | 7062602.35 | 422387.54 | 1266 | 30-40 | b/c | light brown | | 20 | | | | 80 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0775 | 1218471 | 7062573.74 | 422346.97 | 1263 | 40-50 | b/c | dark brown | | 10 | | | | 90 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0776 | 1218472 | 7062548.42 | 422305.11 | 1255 | 40-50 | b/c | light brown | | | | | | 100 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0777 | 1218473 | 7062509.85 | 422268.97 | 1250 | 60-70 | b/c | dark brown | | 15 | | | | 85 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0778 | 1218474 | 7062487.12 | 422223.63 | 1239 | 40-50 | b | dark grey | | 20 | | | | 80 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0779 | 1218475 | 7062460.65 | 422183.14 | 1232 | 40-50 | b | dark brown | | 20 | | | | 80 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0780 | 1218476 | 7062430.30 | 422142.77 | 1228 | 50-60 | b/c | light brown | | 15 | | | | 85 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0781 | 1218477 | 7062398.14 | 422101.54 | 1220 | 30-40 | b | light grey | | 40 | | | | 60 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0782 | 1218478 | 7062375.69 | 422053.15 | 1193 | 40-50 | b | dark grey | | 40 | | | | 60 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0783 | 1218479 | 7062352.20 | 422013.76 | 1178 | 60-70 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0784 | 1218480 | 7062336.59 | 421970.53 | 1159 | 60-70 | c | light brown | | 5 | | | | 95 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0785 | 1218481 | 7062308.39 | 421923.45 | 1141 | 50-60 | c | light grey | | 15 | | | | 85 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0786 | 1218482 | 7062285.38 | 421877.84 | 1125 | 50-60 | c | light grey | | 20 | | | | 80 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0787 | 1218483 | 7062261.96 | 421835.71 | 1121 | 40-50 | c | dark brown | | 25 | | | | 75 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0788 | 1218484 | 7062237.78 | 421782.59 | 1120 | 50-60 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0789 | 1218485 | 7062214.76 | 421748.00 | 1120 | 30-40 | b/c | light brown | | 30 | | | | 70 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0790 | 1218486 | 7062214.53 | 421703.67 | 1116 | 70-80 | c | light grey | | 20 | | | | 80 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0791 | 1218487 | 7062216.46 | 421645.95 | 1107 | 40-50 | b/c | dark brown | | | | | | 100 | weathered bedrock |
| 25-Jul-11 | Thomas Barrette | OV-0792 | 1218488 | 7062208.25 | 421596.11 | 1109 | 40-50 | c | dark brown | | 15 | | | | 85 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0793 | 1218489 | 7062208.88 | 421545.22 | 1130 | 40-50 | b | dark brown | | 20 | | | | 80 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0794 | 1218490 | 7062208.69 | 421499.85 | 1130 | 50-60 | b/c | light grey | | 10 | | | | 90 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0795 | 1218491 | 7062205.12 | 421449.53 | 1142 | 50-60 | c | light grey | | 15 | | | | 85 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0796 | 1218492 | 7062201.31 | 421398.84 | 1133 | 50-60 | c | light grey | | 25 | | | | 75 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0797 | 1218493 | 7062201.68 | 421349.10 | 1126 | 70-80 | b/c | dark brown | | 10 | | | | 90 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0798 | 1218494 | 7062203.16 | 421297.17 | 1120 | 40-50 | b/c | dark brown | | 15 | | | | 85 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0799 | 1218495 | 7062202.61 | 421243.59 | 1111 | 40-50 | b/c | light brown | | 10 | | | | 90 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0800 | 1218496 | 7062202.94 | 421197.34 | 1094 | 50-60 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0801 | 1218497 | 7062198.48 | 421145.06 | 1068 | 40-50 | b/c | light brown | | 15 | | | | 85 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0802 | 1218498 | 7062197.98 | 421102.79 | 1051 | 50-60 | c | dark brown | | 10 | | | | 90 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0803 | 1218499 | 7062193.98 | 421048.36 | 1034 | 40-50 | c | light brown | | 10 | | | | 90 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | Parent Material | |
|-----------|-----------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|-----------------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | | Clay |
| 26-Jul-11 | Thomas Barrette | OV-0804 | 1218500 | 7062197.50 | 421001.09 | 1022 | 50-60 | b/c | light grey | | 15 | | | | 85 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0585 | 1218501 | 7062893.31 | 428650.92 | 950 | 40-50 | c | light grey | | 20 | | 20 | 20 | 40 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0584 | 1218502 | 7062937.81 | 428649.63 | 953 | 30-40 | c | dark grey | | 30 | 10 | 10 | 20 | 30 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0583 | 1218503 | 7062980.40 | 428628.94 | 960 | 30-40 | c | dark grey | | 20 | 10 | 10 | 10 | 50 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0582 | 1218504 | 7063031.18 | 428625.66 | 964 | 40-50 | c | dark grey | | 20 | 10 | 10 | 20 | 40 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0581 | 1218505 | 7063080.04 | 428604.19 | 978 | 40-50 | c | dark grey | | 10 | | 10 | 10 | 70 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0580 | 1218506 | 7063120.73 | 428587.99 | 996 | 40-50 | c | light brown | | 20 | 10 | 10 | 20 | 40 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0579 | 1218507 | 7063170.73 | 428557.59 | 1004 | 40-50 | c | light brown | | 20 | | 10 | 20 | 50 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0578 | 1218508 | 7063208.28 | 428551.30 | 1013 | 40-50 | c | dark brown | | 10 | | 10 | 10 | 70 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0577 | 1218509 | 7063262.93 | 428525.32 | 1033 | 40-50 | c | light brown | | 20 | | 10 | 20 | 50 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0576 | 1218510 | 7063312.31 | 428501.82 | 1047 | 70-80 | c | light brown | | | | 10 | 10 | 80 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0575 | 1218511 | 7063347.40 | 428479.13 | 1059 | 50-60 | c | light brown | | | | 20 | 20 | 60 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0574 | 1218512 | 7063393.43 | 428462.62 | 1068 | 30-40 | c | light grey | | 20 | | 20 | 20 | 40 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0573 | 1218513 | 7063436.19 | 428433.09 | 1075 | 60-70 | c | light brown | | | | 20 | 30 | 50 | weathered bedrock |
| 14-Jul-11 | Sam Snelling | OV-0572 | 1218514 | 7063478.96 | 428462.62 | 1082 | 50-60 | c | light brown | | | | 60 | 20 | 20 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0523 | 1218515 | 7065670.15 | 427303.59 | 1518 | 30-40 | c | dark brown | | 20 | | 20 | 30 | 30 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0524 | 1218516 | 7065626.33 | 427323.24 | 1516 | 40-50 | c | dark brown | | 10 | | 10 | 20 | 60 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0525 | 1218517 | 7065586.39 | 427345.95 | 1511 | 20-30 | c | dark brown | | | | | 50 | 50 | buck brush |
| 15-Jul-11 | Sam Snelling | OV-0526 | 1218518 | 7065548.23 | 427365.59 | 1503 | 30-40 | c | dark brown | | 10 | | 20 | 30 | 40 | talus |
| 15-Jul-11 | Sam Snelling | OV-0527 | 1218519 | 7065498.60 | 427389.93 | 1491 | 40-50 | c | light brown | | 10 | | 10 | 40 | 40 | talus |
| 15-Jul-11 | Sam Snelling | OV-0528 | 1218520 | 7065450.91 | 427418.59 | 1476 | 20-30 | c | light brown | | | | | 50 | 50 | talus |
| 15-Jul-11 | Sam Snelling | OV-0529 | 1218521 | 7065397.55 | 427436.67 | 1464 | 40-50 | c | light brown | | 10 | | 20 | 40 | 30 | talus |
| 15-Jul-11 | Sam Snelling | OV-0530 | 1218522 | 7065352.88 | 427466.30 | 1455 | 40-50 | c | light grey | | 30 | | 20 | 20 | 30 | talus |
| 15-Jul-11 | Sam Snelling | OV-0531 | 1218523 | 7065317.69 | 427484.05 | 1446 | 50-60 | c | dark brown | | 20 | | 10 | 30 | 40 | talus |
| 15-Jul-11 | Sam Snelling | OV-0532 | 1218524 | 7065272.64 | 427508.16 | 1431 | 40-50 | c | dark brown | | 10 | | 30 | 30 | 30 | talus |
| 15-Jul-11 | Sam Snelling | OV-0533 | 1218525 | 7065225.53 | 427531.37 | 1421 | 40-50 | c | dark grey | | 50 | | 10 | 10 | 30 | talus |
| 15-Jul-11 | Sam Snelling | OV-0534 | 1218526 | 7065180.54 | 427558.04 | 1411 | 40-50 | c | dark brown | | 20 | | 20 | 20 | 40 | talus |
| 15-Jul-11 | Sam Snelling | OV-0535 | 1218527 | 7065135.39 | 427576.84 | 1398 | 50-60 | c | light grey | | 10 | | 20 | 20 | 50 | talus |
| 15-Jul-11 | Sam Snelling | OV-0536 | 1218528 | 7065089.33 | 427599.10 | 1388 | 50-60 | c | dark brown | | 30 | | 20 | 20 | 30 | talus |
| 15-Jul-11 | Sam Snelling | OV-0537 | 1218529 | 7065041.32 | 427623.48 | 1378 | 40-50 | c | dark brown | | 10 | | 15 | 10 | 65 | talus |
| 15-Jul-11 | Sam Snelling | OV-0538 | 1218530 | 7065003.99 | 427644.86 | 1377 | 30-40 | c | light brown | | 10 | | 10 | 20 | 60 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0539 | 1218531 | 7064964.41 | 427663.32 | 1370 | 40-50 | c | dark brown | | 10 | | | 40 | 50 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0540 | 1218532 | 7064914.37 | 427684.20 | 1364 | 40-50 | c | dark brown | | 30 | | 20 | 20 | 30 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0541 | 1218533 | 7064874.31 | 427705.74 | 1354 | 40-50 | c | dark grey | | 20 | | 30 | 30 | 20 | talus |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | Parent Material | |
|-----------|-----------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|-----------------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | | Clay |
| 15-Jul-11 | Sam Snelling | OV-0542 | 1218534 | 7064823.31 | 427736.26 | 1346 | 30-40 | c | dark brown | | 30 | | 10 | 20 | 40 | talus |
| 15-Jul-11 | Sam Snelling | OV-0543 | 1218535 | 7064775.61 | 427755.30 | 1338 | 40-50 | c | dark brown | | 10 | | 10 | 40 | 40 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0544 | 1218536 | 7064732.40 | 427782.63 | 1330 | 30-40 | c | light grey | | 30 | | 10 | 10 | 50 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0545 | 1218537 | 7064689.82 | 427805.55 | 1321 | 40-50 | c | dark grey | | 30 | | 10 | 10 | 50 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0546 | 1218538 | 7064645.22 | 427825.88 | 1314 | 40-50 | c | dark brown | | 20 | | 10 | 30 | 40 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0547 | 1218539 | 7064599.01 | 427851.68 | 1317 | 30-40 | c | light brown | | | | 10 | 40 | 50 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0548 | 1218540 | 7064558.83 | 427876.22 | 1317 | 20-30 | c | light brown | | 10 | | 10 | 30 | 50 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0549 | 1218541 | 7064513.34 | 427893.71 | 1311 | 30-40 | c | dark brown | | 10 | | 20 | 20 | 50 | talus |
| 15-Jul-11 | Sam Snelling | OV-0550 | 1218542 | 7064467.85 | 427918.67 | 1308 | 50-60 | c | dark brown | | 15 | | 5 | 10 | 70 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0551 | 1218543 | 7064423.47 | 427936.62 | 1305 | 40-50 | c | dark brown | | 10 | | | 30 | 60 | talus |
| 15-Jul-11 | Sam Snelling | OV-0552 | 1218544 | 7064374.27 | 427959.78 | 1301 | 50-60 | c | dark brown | | 10 | | 5 | 10 | 75 | talus |
| 15-Jul-11 | Sam Snelling | OV-0553 | 1218545 | 7064341.92 | 427987.99 | 1297 | 30-40 | c | light brown | | 30 | | 10 | 40 | 20 | talus |
| 15-Jul-11 | Sam Snelling | OV-0554 | 1218546 | 7064289.97 | 428015.93 | 1278 | 40-50 | c | light brown | | 10 | | 10 | 30 | 50 | talus |
| 15-Jul-11 | Sam Snelling | OV-0555 | 1218547 | 7064249.16 | 428039.98 | 1263 | 40-50 | c | light grey | | 40 | | 10 | 10 | 40 | talus |
| 15-Jul-11 | Sam Snelling | OV-0556 | 1218548 | 7064193.85 | 428064.45 | 1256 | 40-50 | c | light grey | | 10 | | 10 | 20 | 60 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0557 | 1218549 | 7064159.34 | 428082.07 | 1253 | 40-50 | c | light brown | | | | | 50 | 50 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0558 | 1218550 | 7064111.67 | 428115.42 | 1245 | 50-60 | c | dark brown | | | | 10 | 40 | 50 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0559 | 1218551 | 7064063.71 | 428137.65 | 1239 | 40-50 | c | light brown | | 10 | | 10 | 15 | 65 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0560 | 1218552 | 7064023.97 | 428156.16 | 1226 | 30-40 | c | light brown | | | | 10 | 40 | 50 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0561 | 1218553 | 7063985.75 | 428177.00 | 1210 | 70-80 | c | light brown | | 10 | | 10 | 30 | 50 | talus |
| 15-Jul-11 | Sam Snelling | OV-0562 | 1218554 | 7063933.19 | 428200.13 | 1196 | 50-60 | c | light brown | | 20 | | 10 | 10 | 60 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0563 | 1218555 | 7063891.69 | 428226.19 | 1187 | 50-60 | c | dark brown | | | | 20 | 20 | 60 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0564 | 1218556 | 7063840.49 | 428249.92 | 1180 | 30-40 | c | light brown | | | | 20 | 30 | 50 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0565 | 1218557 | 7063804.43 | 428270.00 | 1169 | 50-60 | c | light brown | | 10 | | 10 | 30 | 50 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0566 | 1218558 | 7063754.79 | 428297.33 | 1157 | 50-60 | c | light brown | | | | 20 | 20 | 60 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0567 | 1218559 | 7063712.32 | 428316.10 | 1146 | 60-70 | c | light grey | | | | 10 | 20 | 70 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0568 | 1218560 | 7063661.43 | 428329.35 | 1129 | 50-60 | c | light brown | | 10 | | | 10 | 80 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0569 | 1218561 | 7063620.10 | 428351.80 | 1118 | 50-60 | c | light grey | | 20 | | 10 | 20 | 50 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0570 | 1218562 | 7063573.22 | 428379.49 | 1104 | 40-50 | c | dark brown | | 20 | | 20 | 20 | 40 | weathered bedrock |
| 15-Jul-11 | Sam Snelling | OV-0571 | 1218563 | 7063532.37 | 428395.20 | 1094 | 40-50 | c | dark grey | | 10 | | 10 | 20 | 60 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218601 | 7063047.76 | 431009.00 | 1274 | 60-70 | c | dark brown | | | | | | 100 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218602 | 7063090.96 | 431017.53 | 1276 | 50-60 | b/c | light brown | | | | | | 100 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218603 | 7063144.02 | 431022.13 | 1274 | 40-50 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218604 | 7063194.49 | 431029.03 | 1268 | 50-60 | c | light brown | | | | | | 100 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218605 | 7063242.64 | 431041.04 | 1271 | 40-50 | c | light brown | | 10 | | | | 90 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | Parent Material |
|-----------|-----------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | |
| 13-Jul-11 | Thomas Barrette | | 1218606 | 7063290.28 | 431044.38 | 1263 | 50-60 | c | light grey | | | | | 100 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218607 | 7063344.86 | 431050.18 | 1267 | 50-60 | c | light brown | | 10 | | | 90 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218608 | 7063387.35 | 431057.76 | 1265 | 50-60 | c | light brown | | 10 | | | 90 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218609 | 7063438.41 | 431064.85 | 1262 | 40-50 | c | light brown | | 10 | | | 90 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218610 | 7063491.89 | 431077.25 | 1260 | 70-80 | c | light grey | | | | | 100 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218611 | 7063537.23 | 431081.58 | 1252 | 50-60 | b/c | light grey | | | | | 100 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218612 | 7063591.29 | 431084.81 | 1250 | 60-70 | c | light brown | | | | | 100 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218613 | 7063642.34 | 431092.72 | 1247 | 50-60 | c | light brown | | | | | 100 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218614 | 7063691.18 | 431100.33 | 1246 | 50-60 | c | light brown | | | | | 100 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218615 | 7063740.36 | 431103.64 | 1243 | 40-50 | c | light brown | | | | | 100 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218616 | 7063786.57 | 431118.60 | 1239 | >80 | c | light brown | | | | | 100 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218617 | 7063842.13 | 431120.77 | 1238 | 60-70 | c | light brown | | | | | 100 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218618 | 7063887.88 | 431134.60 | 1237 | 60-70 | c | light brown | | 10 | | | 90 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218619 | 7063939.16 | 431131.28 | 1223 | 70-80 | c | light brown | | | | | 100 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218620 | 7063989.90 | 431144.44 | 1231 | 70-80 | c | light brown | | 10 | | | 90 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218621 | 7064039.96 | 431150.72 | 1237 | 50-60 | c | light brown | | | | | 100 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218622 | 7064089.98 | 431159.83 | 1238 | 60-70 | c | light brown | | | | | 100 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218623 | 7064132.29 | 431161.81 | 1242 | 60-70 | c | light grey | | 20 | | | 80 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218624 | 7064187.13 | 431169.89 | 1242 | >80 | c | light grey | | 20 | | | 80 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218625 | 7064244.14 | 431174.59 | 1246 | 70-80 | c | light grey | | 30 | | | 70 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218626 | 7064287.75 | 431189.58 | 1252 | 60-70 | c | light brown | | 20 | | | 80 | weathered bedrock |
| 13-Jul-11 | Thomas Barrette | | 1218627 | 7064333.08 | 431191.71 | 1256 | 50-60 | c | light brown | | 20 | | | 80 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0196 | 1218628 | 7064330.16 | 431299.71 | 1257 | 50-60 | c | light brown | | 20 | | | 80 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0195 | 1218629 | 7064379.90 | 431306.80 | 1261 | 40-50 | c | dark brown | | 10 | | | 90 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0194 | 1218630 | 7064427.78 | 431313.71 | 1262 | 40-50 | c | light brown | | | | | 100 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0193 | 1218631 | 7064479.44 | 431320.39 | 1266 | 60-70 | c | light brown | | 10 | | | 90 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0192 | 1218632 | 7064528.36 | 431326.72 | 1269 | 40-50 | c | light brown | | 10 | | | 90 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0191 | 1218633 | 7064580.73 | 431330.81 | 1274 | 50-60 | b/c | light brown | | 10 | | | 90 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0190 | 1218634 | 7064627.94 | 431330.31 | 1273 | 40-50 | c | light grey | | 30 | | | 70 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0189 | 1218635 | 7064676.43 | 431316.74 | 1275 | 40-50 | b/c | light brown | | 15 | | | 85 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0188 | 1218636 | 7064722.16 | 431309.11 | 1277 | 40-50 | b/c | light brown | | | | | 100 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0187 | 1218637 | 7064774.95 | 431294.92 | 1277 | 50-60 | c | light brown | | 10 | | | 90 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0186 | 1218638 | 7064823.58 | 431278.66 | 1279 | 60-70 | c | light brown | | 20 | | | 80 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0185 | 1218639 | 7064871.81 | 431270.12 | 1277 | 60-70 | c | light brown | | 10 | | | 90 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0184 | 1218640 | 7064916.91 | 431255.84 | 1274 | 40-50 | b/c | light brown | | 20 | | | 80 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | Parent Material | |
|-----------|-----------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|-----------------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | | Clay |
| 14-Jul-11 | Thomas Barrette | OV-0183 | 1218641 | 7064962.51 | 431245.00 | 1271 | 50-60 | c | dark brown | | 20 | | | | 80 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0182 | 1218642 | 7065013.31 | 431230.74 | 1267 | 40-50 | b/c | dark brown | | 10 | | | | 90 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0181 | 1218643 | 7065061.68 | 431219.06 | 1264 | 50-60 | b/c | light brown | | | | | | 100 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0180 | 1218644 | 7065112.57 | 431208.04 | 1255 | 50-60 | b/c | dark brown | | 20 | | | | 80 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0179 | 1218645 | 7065162.94 | 431197.50 | 1252 | 50-60 | b/c | dark brown | | 20 | | | | 80 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0178 | 1218646 | 7065207.63 | 431180.86 | 1247 | 40-50 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0177 | 1218647 | 7065255.64 | 431168.42 | 1242 | 30-40 | b/c | light brown | | 20 | | | | 80 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0176 | 1218648 | 7065306.11 | 431156.99 | 1230 | 40-50 | c | light brown | | | | 50 | | 50 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0175 | 1218649 | 7065354.20 | 431141.49 | 1222 | 60-70 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0174 | 1218650 | 7065402.94 | 431137.96 | 1215 | 60-70 | b/c | light brown | | 30 | | | | 70 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0173 | 1218651 | 7065451.16 | 431121.90 | 1214 | 60-70 | b/c | light brown | | 10 | | | | 90 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0172 | 1218652 | 7065502.78 | 431114.77 | 1209 | 40-50 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0171 | 1218653 | 7065547.96 | 431120.62 | 1209 | 50-60 | c | light brown | | | | | | 100 | weathered bedrock |
| 14-Jul-11 | Thomas Barrette | OV-0170 | 1218654 | 7065601.40 | 431127.38 | 1213 | 50-60 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 15-Jul-11 | Thomas Barrette | OV-0480 | 1218655 | 7066116.12 | 428492.00 | 1450 | 40-50 | b/c | light brown | | 15 | | | | 85 | weathered bedrock |
| 15-Jul-11 | Thomas Barrette | OV-0481 | 1218656 | 7066061.62 | 428507.91 | 1438 | 50-60 | b/c | light brown | | 20 | | | | 80 | weathered bedrock |
| 15-Jul-11 | Thomas Barrette | OV-0482 | 1218657 | 7066018.17 | 428518.44 | 1432 | 50-60 | b/c | light brown | | | | | | 100 | weathered bedrock |
| 15-Jul-11 | Thomas Barrette | OV-0483 | 1218658 | 7065965.61 | 428529.90 | 1423 | 60-70 | b/c | dark brown | | 10 | | | | 90 | weathered bedrock |
| 15-Jul-11 | Thomas Barrette | OV-0484 | 1218659 | 7065919.87 | 428542.26 | 1417 | 50-60 | b/c | dark brown | | | | | | 100 | weathered bedrock |
| 15-Jul-11 | Thomas Barrette | OV-0485 | 1218660 | 7065873.90 | 428555.05 | 1407 | 40-50 | b/c | light brown | | 20 | | | | 80 | weathered bedrock |
| 15-Jul-11 | Thomas Barrette | OV-0486 | 1218661 | 7065822.27 | 428570.74 | 1397 | 60-70 | c | dark grey | | 10 | | | | 90 | weathered bedrock |
| 15-Jul-11 | Thomas Barrette | OV-0487 | 1218662 | 7065771.10 | 428588.22 | 1388 | 30-40 | b | dark brown | 30 | | | | | 70 | weathered bedrock |
| 15-Jul-11 | Thomas Barrette | OV-0488 | 1218663 | 7065727.60 | 428597.92 | 1378 | 70-80 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 15-Jul-11 | Thomas Barrette | OV-0489 | 1218664 | 7065681.90 | 428607.65 | 1364 | 40-50 | b/c | dark brown | | 40 | | | | 60 | weathered bedrock |
| 15-Jul-11 | Thomas Barrette | OV-0490 | 1218665 | 7065629.79 | 428624.85 | 1349 | 50-60 | b/c | light brown | | 5 | | | | 95 | weathered bedrock |
| 15-Jul-11 | Thomas Barrette | OV-0491 | 1218666 | 7065584.13 | 428638.25 | 1335 | 40-50 | b/c | light brown | | 20 | | | | 80 | weathered bedrock |
| 15-Jul-11 | Thomas Barrette | OV-0492 | 1218667 | 7065537.94 | 428649.70 | 1324 | 40-50 | b/c | light brown | | 30 | | | | 70 | weathered bedrock |
| 15-Jul-11 | Thomas Barrette | OV-0493 | 1218668 | 7065486.18 | 428664.54 | 1308 | 50-60 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 15-Jul-11 | Thomas Barrette | OV-0494 | 1218669 | 7065443.02 | 428691.34 | 1299 | >80 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 15-Jul-11 | Thomas Barrette | OV-0495 | 1218670 | 7065411.13 | 428714.21 | 1289 | 70-80 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 15-Jul-11 | Thomas Barrette | OV-0496 | 1218671 | 7065364.20 | 428743.45 | 1280 | 50-60 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 15-Jul-11 | Thomas Barrette | OV-0497 | 1218672 | 7065325.93 | 428777.20 | 1267 | >80 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 15-Jul-11 | Thomas Barrette | OV-0498 | 1218673 | 7065283.82 | 428809.94 | 1258 | 60-70 | b/c | light brown | | 20 | | | | 80 | weathered bedrock |
| 15-Jul-11 | Thomas Barrette | OV-0499 | 1218674 | 7065244.10 | 428841.97 | 1255 | 40-50 | b/c | dark brown | 20 | | | | | 80 | weathered bedrock |
| 15-Jul-11 | Thomas Barrette | OV-0500 | 1218675 | 7065201.50 | 428865.37 | 1262 | 40-50 | b/c | light brown | 20 | | | | | 80 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | Parent Material | |
|-----------|-----------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|-------------------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | | Clay |
| 15-Jul-11 | Thomas Barrette | OV-0501 | 1218676 | 7065161.41 | 428895.26 | 1262 | 60-70 | c | light brown | | | | | 100 | weathered bedrock | |
| 15-Jul-11 | Thomas Barrette | OV-0502 | 1218677 | 7065127.38 | 428926.67 | 1263 | 50-60 | c | light grey | | 20 | | | 80 | weathered bedrock | |
| 15-Jul-11 | Thomas Barrette | OV-0503 | 1218678 | 7065086.45 | 428959.69 | 1258 | 40-50 | c | light brown | | | | | 100 | weathered bedrock | |
| 15-Jul-11 | Thomas Barrette | OV-0504 | 1218679 | 7065042.27 | 428992.15 | 1255 | 40-50 | b/c | light brown | | 10 | | | 90 | weathered bedrock | |
| 15-Jul-11 | Thomas Barrette | OV-0505 | 1218680 | 7065004.53 | 429016.55 | 1252 | 40-50 | b/c | light brown | | 30 | | | 70 | weathered bedrock | |
| 15-Jul-11 | Thomas Barrette | OV-0506 | 1218681 | 7064963.31 | 429048.15 | 1230 | 40-50 | b/c | light brown | | 20 | | | 80 | weathered bedrock | |
| 15-Jul-11 | Thomas Barrette | OV-0507 | 1218682 | 7064930.05 | 429084.10 | 1212 | 50-60 | b/c | light brown | | 20 | | | 80 | weathered bedrock | |
| 15-Jul-11 | Thomas Barrette | OV-0508 | 1218683 | 7064891.10 | 429118.71 | 1202 | 40-50 | b/c | light brown | | 10 | | | 90 | weathered bedrock | |
| 15-Jul-11 | Thomas Barrette | OV-0509 | 1218684 | 7064866.64 | 429154.15 | 1192 | 50-60 | c | light brown | | 10 | | | 90 | weathered bedrock | |
| 15-Jul-11 | Thomas Barrette | OV-0510 | 1218685 | 7064828.82 | 429193.15 | 1170 | 40-50 | c | light grey | | 15 | | | 85 | weathered bedrock | |
| 15-Jul-11 | Thomas Barrette | OV-0511 | 1218686 | 7064793.89 | 429230.23 | 1149 | 70-80 | c | dark grey | | 10 | | | 90 | weathered bedrock | |
| 15-Jul-11 | Thomas Barrette | OV-0512 | 1218687 | 7064760.45 | 429264.31 | 1138 | 40-50 | b/c | light grey | | 20 | | | 80 | weathered bedrock | |
| 15-Jul-11 | Thomas Barrette | OV-0513 | 1218688 | 7064724.79 | 429303.81 | 1129 | 40-50 | b/c | light brown | | 25 | | | 75 | weathered bedrock | |
| 15-Jul-11 | Thomas Barrette | OV-0514 | 1218689 | 7064693.08 | 429338.13 | 1122 | 50-60 | b/c | light brown | | 30 | | | 70 | weathered bedrock | |
| 15-Jul-11 | Thomas Barrette | OV-0515 | 1218690 | 7064657.58 | 429380.49 | 1105 | 50-60 | b/c | light brown | | 30 | | | 70 | weathered bedrock | |
| 15-Jul-11 | Thomas Barrette | OV-0516 | 1218691 | 7064627.42 | 429423.67 | 1091 | 50-60 | c | light brown | | 20 | | | 80 | weathered bedrock | |
| 15-Jul-11 | Thomas Barrette | OV-0517 | 1218692 | 7064593.60 | 429453.28 | 1072 | 50-60 | c | light brown | | 30 | | | 70 | weathered bedrock | |
| 15-Jul-11 | Thomas Barrette | OV-0518 | 1218693 | 7064559.35 | 429492.84 | 1057 | 60-70 | c | light brown | | 15 | | | 85 | weathered bedrock | |
| 15-Jul-11 | Thomas Barrette | OV-0519 | 1218694 | 7064523.94 | 429524.30 | 1036 | 60-70 | c | light grey | | 40 | | | 60 | weathered bedrock | |
| 15-Jul-11 | Thomas Barrette | OV-0520 | 1218695 | 7064491.56 | 429564.69 | 1022 | 70-80 | c | light grey | | 50 | | | 50 | weathered bedrock | |
| 15-Jul-11 | Thomas Barrette | OV-0521 | 1218696 | 7064459.26 | 429598.19 | 1008 | 30-40 | a/b | dark grey | 30 | | | | 70 | weathered bedrock | |
| 15-Jul-11 | Thomas Barrette | OV-0522 | 1218697 | 7064431.11 | 429634.77 | 997 | 50-60 | b/c | light grey | | 35 | | | 65 | weathered bedrock | |
| 14-Jul-11 | Myles Rusk | OV-0110 | 1218751 | 7066281.58 | 432553.97 | 1267 | 40-50 | c | light brown | | | 25 | | 75 | weathered bedrock | |
| 14-Jul-11 | Myles Rusk | OV-0111 | 1218752 | 7066248.43 | 432589.67 | 1261 | 40-50 | c | light brown | | | 25 | | 75 | weathered bedrock | |
| 14-Jul-11 | Myles Rusk | OV-0112 | 1218753 | 7066216.04 | 432630.73 | 1251 | 60-70 | c | light brown | | | 25 | | 75 | weathered bedrock | |
| 14-Jul-11 | Myles Rusk | OV-0113 | 1218754 | 7066192.16 | 432669.55 | 1239 | 30-40 | c | light brown | | | | 40 | 60 | weathered bedrock | |
| 14-Jul-11 | Myles Rusk | OV-0114 | 1218755 | 7066156.33 | 432710.46 | 1230 | 40-50 | c | light brown | | | | 50 | 50 | weathered bedrock | |
| 14-Jul-11 | Myles Rusk | OV-0115 | 1218756 | 7066122.14 | 432746.02 | 1225 | 50-60 | c | light brown | | | 25 | | 75 | weathered bedrock | |
| 14-Jul-11 | Myles Rusk | OV-0116 | 1218757 | 7066095.70 | 432787.27 | 1222 | 20-30 | b/c | dark brown | | | | | 50 | 50 | talus |
| 14-Jul-11 | Myles Rusk | OV-0117 | 1218758 | 7066065.31 | 432827.41 | 1210 | 20-30 | b/c | dark brown | | | | 60 | 40 | talus | |
| 14-Jul-11 | Myles Rusk | OV-0118 | 1218759 | 7066023.30 | 432857.22 | 1191 | 50-60 | c | light brown | | | | 60 | 40 | weathered bedrock | |
| 14-Jul-11 | Myles Rusk | OV-0119 | 1218760 | 7065979.83 | 432878.64 | 1178 | 40-50 | c | light brown | | | 25 | | 75 | weathered bedrock | |
| 14-Jul-11 | Myles Rusk | OV-0120 | 1218761 | 7065929.82 | 432898.99 | 1160 | 20-30 | b/c | dark brown | | | | | 50 | 50 | weathered bedrock |
| 14-Jul-11 | Myles Rusk | OV-0121 | 1218762 | 7065888.01 | 432922.85 | 1145 | 30-40 | c | light brown | | | | 40 | 60 | weathered bedrock | |
| 14-Jul-11 | Myles Rusk | OV-0122 | 1218763 | 7065843.19 | 432936.67 | 1133 | 40-50 | c | light brown | | | 30 | | 70 | weathered bedrock | |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | Parent Material | |
|-----------|-----------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|-----------------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | | Clay |
| 14-Jul-11 | Myles Rusk | OV-0123 | 1218764 | 7065796.85 | 432956.88 | 1127 | 50-60 | c | light brown | | | | 60 | | 40 | weathered bedrock |
| 14-Jul-11 | Myles Rusk | OV-0124 | 1218765 | 7065752.25 | 432977.86 | 1124 | 20-30 | b/c | dark brown | | | | 60 | | 40 | talus |
| 14-Jul-11 | Myles Rusk | OV-0125 | 1218766 | 7065705.88 | 432998.50 | 1116 | 20-30 | b/c | dark brown | | | | 40 | | 60 | talus |
| 15-Jul-11 | Myles Rusk | OV-0126 | 1218767 | 7065656.22 | 433022.54 | 1105 | 10-20 | b/c | light brown | | | | 40 | | 60 | talus |
| 15-Jul-11 | Myles Rusk | OV-0127 | 1218768 | 7065615.04 | 433038.39 | 1103 | 20-30 | b/c | light brown | | | | 30 | | 70 | talus |
| 15-Jul-11 | Myles Rusk | OV-0128 | 1218769 | 7065567.79 | 433060.21 | 1104 | 30-40 | b/c | light brown | | | 25 | | | 75 | talus |
| 15-Jul-11 | Myles Rusk | OV-0129 | 1218770 | 7065521.16 | 433080.77 | 1102 | 40-50 | c | light brown | | | | 20 | | 80 | weathered bedrock |
| 15-Jul-11 | Myles Rusk | OV-0130 | 1218771 | 7065476.83 | 433104.95 | 1105 | 50-60 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 15-Jul-11 | Myles Rusk | OV-0131 | 1218772 | 7065432.44 | 433122.86 | 1098 | 30-40 | c | light brown | | 40 | | | | 60 | weathered bedrock |
| 15-Jul-11 | Myles Rusk | OV-0132 | 1218773 | 7065382.44 | 433144.83 | 1091 | 50-60 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 15-Jul-11 | Myles Rusk | OV-0133 | 1218774 | 7065340.16 | 433163.92 | 1086 | 30-40 | c | light brown | | | | 40 | | 60 | weathered bedrock |
| 15-Jul-11 | Myles Rusk | OV-0134 | 1218775 | 7065293.54 | 433187.77 | 1074 | 50-60 | c | light brown | | | | | 30 | 70 | weathered bedrock |
| 15-Jul-11 | Myles Rusk | OV-0135 | 1218776 | 7065248.47 | 433204.80 | 1066 | 40-50 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 15-Jul-11 | Myles Rusk | OV-0136 | 1218777 | 7065204.35 | 433229.49 | 1051 | 30-40 | b/c | dark brown | | | | 40 | | 60 | talus |
| 15-Jul-11 | Myles Rusk | OV-0137 | 1218778 | 7065158.36 | 433246.87 | 1030 | 20-30 | b/c | light brown | | | | | 50 | 50 | talus |
| 15-Jul-11 | Myles Rusk | OV-0138 | 1218779 | 7065137.67 | 433255.68 | 1021 | 20-30 | b/c | light brown | | 40 | | | | 60 | talus |
| 15-Jul-11 | Myles Rusk | OV-0001 | 1218780 | 7065134.62 | 434440.14 | 1086 | 40-50 | c | light brown | | | | 30 | | 70 | weathered bedrock |
| 15-Jul-11 | Myles Rusk | OV-0002 | 1218781 | 7065081.33 | 434435.06 | 1084 | 40-50 | c | light brown | | | | 30 | | 70 | weathered bedrock |
| 15-Jul-11 | Myles Rusk | OV-0003 | 1218782 | 7065033.86 | 434435.60 | 1083 | 30-40 | c | light brown | | | | | 40 | 60 | weathered bedrock |
| 15-Jul-11 | Myles Rusk | OV-0004 | 1218783 | 7064982.85 | 434431.89 | 1080 | 30-40 | b/c | dark brown | | | | 40 | | 60 | weathered bedrock |
| 15-Jul-11 | Myles Rusk | OV-0005 | 1218784 | 7064934.59 | 434431.72 | 1079 | 40-50 | c | light brown | | | | | 40 | 60 | weathered bedrock |
| 15-Jul-11 | Myles Rusk | OV-0006 | 1218785 | 7064884.17 | 434430.37 | 1079 | 50-60 | c | light brown | | | 30 | | | 70 | weathered bedrock |
| 15-Jul-11 | Myles Rusk | OV-0007 | 1218786 | 7064835.18 | 434430.99 | 1078 | 30-40 | c | light brown | | | | | 40 | 60 | weathered bedrock |
| 15-Jul-11 | Myles Rusk | OV-0008 | 1218787 | 7064784.19 | 434425.55 | 1075 | 20-30 | b/c | dark brown | | | | 50 | | 50 | weathered bedrock |
| 15-Jul-11 | Myles Rusk | OV-0009 | 1218788 | 7064729.62 | 434427.97 | 1075 | 40-50 | c | light brown | | | | | 40 | 60 | weathered bedrock |
| 15-Jul-11 | Myles Rusk | OV-0010 | 1218789 | 7064680.38 | 434428.10 | 1072 | 30-40 | c | greenish grey | | 50 | | 50 | | | weathered bedrock |
| 15-Jul-11 | Myles Rusk | OV-0011 | 1218790 | 7064628.94 | 434421.20 | 1067 | 30-40 | b/c | light brown | | | | 40 | | 60 | weathered bedrock |
| 15-Jul-11 | Myles Rusk | OV-0012 | 1218791 | 7064582.68 | 434420.76 | 1064 | 30-40 | c | light brown | | | 40 | | | 60 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0805 | 1218858 | 7062212.38 | 420954.58 | 1012 | >80 | c | dark brown | | 10 | | | | 90 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0806 | 1218859 | 7062239.91 | 420913.96 | 998 | 50-60 | b/c | light brown | | 5 | | | | 95 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0807 | 1218860 | 7062259.45 | 420861.67 | 973 | 50-60 | b/c | dark brown | | 10 | | | | 90 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0808 | 1218861 | 7062287.97 | 420819.88 | 955 | 40-50 | b/c | light grey | | 10 | | | | 90 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0809 | 1218862 | 7062315.61 | 420778.98 | 936 | 30-40 | b | dark brown | | 25 | | | | 75 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0810 | 1218863 | 7062339.89 | 420731.95 | 918 | 50-60 | b/c | dark brown | | 10 | | | | 90 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0811 | 1218864 | 7062367.80 | 420691.27 | 904 | 30-40 | b | dark brown | | 30 | | | | 70 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | Parent Material | |
|-----------|-----------------|---------------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|-----------------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | | Clay |
| 26-Jul-11 | Thomas Barrette | OV-0812 | 1218865 | 7062394.76 | 420647.50 | 882 | 50-60 | b/c | dark brown | | 5 | | | | 95 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0813 | 1218866 | 7062410.02 | 420614.37 | 866 | 30-40 | b | dark grey | 60 | | | | | 40 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0814 | 1218867 | 7062435.62 | 420561.64 | 856 | 40-50 | b | dark grey | 60 | | | | | 40 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0815 | 1218868 | 7062460.68 | 420516.06 | 852 | 60-70 | b/c | dark grey | | 20 | | | | 80 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0816 | 1218869 | 7062484.01 | 420469.05 | 849 | 60-70 | b | dark grey | 40 | | | | | 60 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0817 | 1218870 | 7062516.91 | 420430.78 | 845 | 60-70 | b/c | light grey | | 30 | | | | 70 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0818 | 1218871 | 7062540.97 | 420384.93 | 844 | 60-70 | b/c | light grey | | 15 | | | | 85 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0819 | 1218872 | 7062562.13 | 420340.03 | 839 | 50-60 | b/c | light grey | | 20 | | | | 80 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0820 | 1218873 | 7062581.31 | 420301.02 | 833 | 50-60 | b/c | light brown | | 10 | | | | 90 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0821 | 1218874 | 7062607.29 | 420252.29 | 831 | 40-50 | b/c | light grey | | 15 | | | | 85 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0822 | 1218875 | 7062632.25 | 420218.32 | 815 | 50-60 | b/c | dark brown | | | | 50 | | 50 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0823 | 1218876 | 7062659.33 | 420167.55 | 804 | 40-50 | b/c | light brown | | 10 | | | | 90 | weathered bedrock |
| 26-Jul-11 | Thomas Barrette | OV-0824 | 1218877 | 7062669.86 | 420149.37 | 800 | 40-50 | b/c | light brown | | 20 | | | | 80 | weathered bedrock |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218878 | 7071546.51 | 424908.97 | 910 | 60-70 | b | dark brown | | 40 | | | | 60 | weathered bedrock |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218879 | 7071516.48 | 424864.69 | 914 | 60-70 | b/c | dark brown | | 25 | | | | 75 | weathered bedrock |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218880 | 7071492.22 | 424819.42 | 914 | 60-70 | b/c | dark brown | | 20 | | | | 80 | weathered bedrock |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218881 | 7071460.57 | 424779.34 | 916 | 50-60 | b/c | dark brown | | 30 | | | | 70 | weathered bedrock |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218882 | 7071422.64 | 424745.67 | 916 | 60-70 | b/c | dark brown | | 15 | | | | 85 | weathered bedrock |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218883 | 7071379.70 | 424728.00 | 919 | 50-60 | b/c | dark brown | | 20 | | | | 80 | weathered bedrock |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218884 | 7071340.07 | 424692.43 | 912 | 60-70 | b/c | dark brown | | 30 | | | | 70 | weathered bedrock |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218885 | 7071289.05 | 424679.75 | 914 | 60-70 | c | dark brown | | 20 | | | | 70 | weathered bedrock |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218886 | 7071239.63 | 424668.61 | 913 | 60-70 | b/c | dark brown | | 40 | | | | 60 | weathered bedrock |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218887 | 7071194.92 | 424642.40 | 906 | 50-60 | b/c | dark brown | | 20 | | | | 80 | weathered bedrock |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218888 | 7071147.97 | 424626.49 | 914 | 50-60 | b/c | dark brown | | 20 | | | | 80 | weathered bedrock |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218889 | 7071105.02 | 424599.40 | 916 | 70-80 | b/c | dark brown | | 20 | | | | 80 | weathered bedrock |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218890 | 7071054.13 | 424577.47 | 917 | 40-50 | b/c | dark brown | | 15 | | | | 85 | weathered bedrock |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218891 | 7071013.08 | 424539.45 | 916 | >80 | c | dark grey | | 50 | | | | 50 | weathered bedrock |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218892 | 7070990.96 | 424489.26 | 916 | 40-50 | b/c | light grey | | 60 | | | | 40 | weathered bedrock |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218893 | 7070962.84 | 424435.82 | 924 | 50-60 | b/c | dark brown | | 20 | | | | 80 | weathered bedrock |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218894 | 7070987.87 | 424382.57 | 927 | 50-60 | b/c | dark grey | 20 | | | | | 80 | weathered bedrock |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218895 | 7071036.27 | 424358.28 | 901 | 40-50 | b/c | dark brown | | 15 | | | | 85 | weathered bedrock |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218896 | 7071084.37 | 424338.07 | 876 | 50-60 | b/c | dark brown | | 10 | | | | 90 | weathered bedrock |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218897 | 7071080.11 | 424284.93 | 886 | 40-50 | b | dark brown | 30 | | | | | 70 | weathered bedrock |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218898 | 7071059.91 | 424239.59 | 903 | 40-50 | b/c | dark brown | | 10 | | | | 90 | weathered bedrock |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218899 | 7071040.34 | 424193.36 | 909 | 40-50 | b/c | dark brown | 20 | | | | | 80 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | | Parent Material |
|-----------|-----------------|---------------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | Clay | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218900 | 7071020.15 | 424146.09 | 915 | 30-40 | b | dark brown | 20 | | | | | 80 | weathered bedrock |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218901 | 7070997.65 | 424100.64 | 913 | 60-70 | c | dark grey | | 30 | | | | 70 | weathered bedrock |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218902 | 7070972.57 | 424053.99 | 914 | 40-50 | b/c | dark brown | | 20 | | | | 80 | weathered bedrock |
| 26-Jul-11 | James Henderson | OV-0835 | 1218951 | 7063543.08 | 423068.63 | 1290 | 50-60 | c | light grey | 5 | | | 30 | | 65 | weathered bedrock |
| 26-Jul-11 | James Henderson | OV-0836 | 1218952 | 7063589.88 | 423058.79 | 1283 | 50-60 | | light brown | 10 | | | 50 | | 40 | weathered bedrock |
| 26-Jul-11 | James Henderson | OV-0837 | 1218953 | 7063637.23 | 423050.07 | 1273 | 60-70 | c | light grey | | | | 60 | | 40 | weathered bedrock |
| 26-Jul-11 | James Henderson | OV-0838 | 1218954 | 7063685.74 | 423043.12 | 1262 | 50-60 | c | light brown | | 15 | | 70 | | 15 | weathered bedrock |
| 26-Jul-11 | James Henderson | OV-0839 | 1218955 | 7063733.88 | 423032.16 | 1255 | 50-60 | c | light brown | 10 | | | 55 | | 35 | weathered bedrock |
| 26-Jul-11 | James Henderson | OV-0840 | 1218956 | 7063782.54 | 423022.70 | 1246 | 30-40 | c | light brown | | 15 | | 85 | | | weathered bedrock |
| 26-Jul-11 | James Henderson | OV-0841 | 1218957 | 7063835.25 | 423016.91 | 1229 | 40-50 | c | light grey | | | 30 | 40 | | 30 | weathered bedrock |
| 26-Jul-11 | James Henderson | OV-0842 | 1218958 | 7063882.29 | 423005.05 | 1217 | 60-70 | c | light brown | | 40 | | 40 | | 20 | weathered bedrock |
| 26-Jul-11 | James Henderson | OV-0843 | 1218959 | 7063934.34 | 422992.27 | 1196 | 50-60 | c | light brown | 5 | | 5 | 40 | | 50 | weathered bedrock |
| 26-Jul-11 | James Henderson | OV-0844 | 1218960 | 7063980.58 | 422985.91 | 1179 | 30-40 | c | light brown | | 30 | 35 | 35 | | | weathered bedrock |
| 26-Jul-11 | James Henderson | OV-0845 | 1218961 | 7064030.75 | 422973.88 | 1161 | 60-70 | c | dark grey | | 25 | | 50 | | 25 | weathered bedrock |
| 26-Jul-11 | James Henderson | OV-0846 | 1218962 | 7064082.22 | 422963.54 | 1142 | 30-40 | c | light brown | | 20 | | 50 | | 30 | weathered bedrock |
| 26-Jul-11 | James Henderson | OV-0847 | 1218963 | 7064123.03 | 422940.39 | 1136 | 50-60 | c | light grey | | 20 | | 60 | | 20 | weathered bedrock |
| 26-Jul-11 | James Henderson | OV-0848 | 1218964 | 7064158.87 | 422913.81 | 1133 | 50-60 | b/c | light brown | | 20 | 20 | 40 | | 20 | weathered bedrock |
| 26-Jul-11 | James Henderson | OV-0849 | 1218965 | 7064203.45 | 422881.53 | 1128 | 30-40 | b/c | dark brown | | 40 | 40 | 20 | | | weathered bedrock |
| 26-Jul-11 | James Henderson | OV-0850 | 1218966 | 7064242.59 | 422849.05 | 1132 | 20-30 | b/c | light brown | | 35 | | 30 | | 30 | weathered bedrock |
| 26-Jul-11 | James Henderson | OV-0851 | 1218967 | 7064280.31 | 422822.22 | 1128 | 20-30 | c | light brown | 10 | 40 | | 40 | | 10 | weathered bedrock |
| 26-Jul-11 | James Henderson | OV-0852 | 1218968 | 7064323.06 | 422788.19 | 1121 | 30-40 | c | light brown | | | | 85 | | 15 | weathered bedrock |
| | | | 1218969 | | | | | | | | | | | | | |
| | | | 1218970 | | | | | | | | | | | | | |
| 26-Jul-11 | James Henderson | OV-0853 | 1218971 | 7064397.45 | 422733.03 | | 30-40 | c | light brown | 15 | 40 | | 40 | | 5 | weathered bedrock |
| 26-Jul-11 | James Henderson | OV-0854 | 1218972 | 7064361.49 | 422763.20 | 1105 | 30-40 | b/c | light brown | 20 | 40 | | 40 | | | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0693 | 1219123 | 7064798.27 | 425677.83 | 1492 | 20-30 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0694 | 1219124 | 7064758.17 | 425652.67 | 1488 | 30-40 | c | light brown | | 20 | | | | 80 | |
| 23-Jul-11 | Andrew Blampin | OV-0695 | 1219125 | 7064723.03 | 425622.89 | 1480 | 50-60 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0696 | 1219126 | 7064686.35 | 425595.33 | 1475 | 40-50 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0697 | 1219127 | 7064637.10 | 425563.00 | 1468 | 60-70 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0698 | 1219128 | 7064595.14 | 425536.81 | 1462 | 40-50 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0699 | 1219129 | 7064557.44 | 425514.24 | 1462 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0700 | 1219130 | 7064512.60 | 425489.03 | 1454 | 40-50 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0701 | 1219131 | 7064468.99 | 425456.81 | 1448 | 40-50 | c | light brown | | 10 | | | | 90 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | | Parent Material |
|-----------|-------------------------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|------------------|----------------|-----------|--------|------|------|------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | Clay | |
| 23-Jul-11 | Andrew Blampin | OV-0702 | 1219132 | 7064435.51 | 425432.11 | 1441 | 40-50 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0703 | 1219133 | 7064386.35 | 425398.48 | 1437 | 50-60 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0704 | 1219134 | 7064340.84 | 425370.91 | 1426 | 20-30 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0705 | 1219135 | 7064304.16 | 425343.08 | 1420 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0706 | 1219136 | 7064260.59 | 425314.16 | 1411 | 40-50 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0707 | 1219137 | 7064220.04 | 425288.25 | 1409 | 30-40 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0708 | 1219138 | 7064182.67 | 425267.37 | 1397 | 30-40 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0709 | 1219139 | 7064132.42 | 425233.95 | 1396 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0710 | 1219140 | 7064094.84 | 425207.26 | 1388 | 60-70 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0711 | 1219141 | 7064057.22 | 425174.77 | 1382 | 40-50 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0712 | 1219142 | 7064033.27 | 425132.20 | 1378 | 30-40 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0713 | 1219143 | 7064006.40 | 425084.06 | 1369 | >80 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0714 | 1219144 | 7063989.62 | 425034.97 | 1372 | 40-50 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0715 | 1219145 | 7063964.29 | 425002.25 | 1357 | 40-50 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0716 | 1219146 | 7063946.10 | 424957.78 | 1353 | 50-60 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0717 | 1219147 | 7063917.81 | 424911.25 | 1346 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0718 | 1219148 | 7063889.07 | 424865.24 | 1348 | >80 | c | light brown | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0719 | 1219149 | 7063862.73 | 424818.26 | 1336 | 50-60 | c | light brown | | | | | 20 | 80 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0720 | 1219150 | 7063844.92 | 424774.90 | 1337 | 40-50 | c | light brown | | 10 | | | 10 | 80 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0721 | 1219151 | 7063831.85 | 424730.04 | 1333 | 10-20 | c | light grey | | 30 | | | 10 | 60 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0722 | 1219152 | 7063809.12 | 424690.70 | 1326 | 50-60 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0723 | 1219153 | 7063777.11 | 424644.57 | 1328 | 30-40 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0724 | 1219154 | 7063760.51 | 424601.90 | 1310 | 50-60 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0725 | 1219155 | 7063732.70 | 424554.96 | 1308 | 50-60 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0726 | 1219156 | 7063714.77 | 424516.71 | 1299 | 40-50 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0727 | 1219157 | 7063679.57 | 424465.58 | 1294 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0728 | 1219158 | 7063665.24 | 424428.56 | 1292 | 30-40 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0729 | 1219159 | 7063638.86 | 424379.38 | 1289 | 20-30 | c | yellowish orange | | 10 | | | | 90 | weathered bedrock |
| 23-Jul-11 | Andrew Blampin | OV-0730 | 1219160 | 7063612.48 | 424331.89 | 1282 | 20-30 | c | light grey | | | | | 10 | 90 | weathered bedrock |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0069 | 1219161 | 7062677.73 | 433927.94 | 946 | 20-30 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0070 | 1219162 | 7062618.88 | 433901.99 | 939 | 40-50 | c | light brown | | | | | 40 | 60 | weathered bedrock |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0071 | 1219163 | 7062584.59 | 433874.53 | 937 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0072 | 1219164 | 7062536.19 | 433849.07 | 927 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0073 | 1219165 | 7062496.99 | 433827.73 | 929 | 20-30 | b/c | light brown | | 20 | | | | 80 | weathered bedrock |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0074 | 1219166 | 7062452.58 | 433801.06 | 920 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | | Parent Material |
|-----------|-------------------------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | Clay | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0075 | 1219167 | 7062405.01 | 433774.57 | 915 | 20-30 | c | light brown | | 15 | | | | 85 | weathered bedrock |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0076 | 1219168 | 7062362.63 | 433745.18 | 908 | 30-40 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0077 | 1219169 | 7062314.41 | 433723.16 | 896 | 30-40 | c | light brown | | | | | 30 | 70 | weathered bedrock |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0078 | 1219170 | 7062285.18 | 433698.78 | 895 | 60-70 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0079 | 1219171 | 7062225.18 | 433659.10 | 886 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0080 | 1219172 | 7062194.03 | 433646.78 | 868 | 20-30 | c | light grey | | 40 | | | | 60 | weathered bedrock |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0081 | 1219173 | 7062147.99 | 433609.21 | 858 | 40-50 | c | light brown | | | | | 30 | 70 | weathered bedrock |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0082 | 1219174 | 7062110.00 | 433600.49 | 842 | 30-40 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0083 | 1219175 | 7062058.43 | 433566.50 | 828 | | | | | 20 | | | | 80 | weathered bedrock |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0084 | 1219176 | 7062031.91 | 433542.04 | 821 | 30-40 | c | light grey | | 20 | | | | 80 | weathered bedrock |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0085 | 1219177 | 7061985.28 | 433519.34 | 804 | 20-30 | c | light grey | | 20 | | | | 80 | weathered bedrock |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0086 | 1219178 | 7061927.84 | 433490.73 | 796 | 30-40 | c | light brown | | 10 | | | 10 | 80 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0087 | 1219179 | 7061903.32 | 433467.81 | 779 | 30-40 | c | light brown | | 25 | | | | 75 | weathered bedrock |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0088 | 1219180 | 7061842.29 | 433440.62 | 769 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0089 | 1219181 | 7061817.20 | 433426.63 | 768 | 40-50 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0731 | 1219182 | 7063595.47 | 424289.80 | 1277 | 40-50 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0732 | 1219183 | 7063567.21 | 424241.38 | 1274 | 20-30 | c | light brown | | | | | 20 | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0733 | 1219184 | 7063544.81 | 424194.93 | 1269 | 20-30 | c | light brown | | | | | 20 | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0734 | 1219185 | 7063526.14 | 424154.54 | 1266 | 20-30 | c | light brown | | 10 | | 20 | | 70 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0735 | 1219186 | 7063504.53 | 424109.45 | 1251 | 30-40 | c | light brown | | | | 10 | 10 | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0736 | 1219187 | 7063477.01 | 424065.84 | 1261 | 50-60 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0737 | 1219188 | 7063458.18 | 424022.94 | 1259 | 30-40 | c | light brown | | | | | 20 | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0738 | 1219189 | 7063423.26 | 423973.39 | 1261 | 30-40 | c | light brown | | | | | 20 | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0739 | 1219190 | 7063403.07 | 423928.14 | 1265 | 50-60 | c | light brown | | | | | 20 | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0740 | 1219191 | 7063381.57 | 423892.84 | 1267 | 40-50 | c | light brown | | 20 | | | | 80 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0741 | 1219192 | 7063357.60 | 423840.58 | 1262 | 40-50 | c | light brown | | | | | 20 | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0742 | 1219193 | 7063336.34 | 423806.99 | 1269 | 40-50 | c | light brown | | | | | 20 | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0743 | 1219194 | 7063306.59 | 423756.29 | 1276 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0744 | 1219195 | 7063290.60 | 423710.19 | 1285 | 40-50 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0745 | 1219196 | 7063269.57 | 423670.22 | 1287 | 40-50 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0746 | 1219197 | 7063245.53 | 423618.44 | 1284 | 40-50 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0747 | 1219198 | 7063223.08 | 423572.15 | 1291 | 30-40 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0748 | 1219199 | 7063208.70 | 423523.63 | 1290 | 30-40 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0749 | 1219200 | 7063186.99 | 423482.54 | 1291 | 40-50 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0750 | 1219201 | 7063170.02 | 423438.57 | 1289 | 40-50 | c | light brown | | 20 | | | | 80 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | Parent Material |
|-----------|----------------------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0751 | 1219202 | 7063154.49 | 423387.78 | 1290 | 40-50 | c | light brown | | 20 | | | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0752 | 1219203 | 7063133.26 | 423341.78 | 1299 | 40-50 | c | light brown | | 20 | | | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0753 | 1219204 | 7063107.64 | 423300.70 | 1297 | 30-40 | c | light brown | | 20 | | | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0754 | 1219205 | 7063084.24 | 423254.29 | 1302 | 40-50 | c | light brown | | 20 | | | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0755 | 1219206 | 7063074.21 | 423213.57 | 1306 | 40-50 | c | light brown | | 20 | | | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0756 | 1219207 | 7063055.92 | 423160.64 | 1308 | 30-40 | c | light brown | | 20 | | | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0757 | 1219208 | 7063041.82 | 423113.01 | 1316 | 40-50 | c | light brown | | 20 | | | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0758 | 1219209 | 7063015.55 | 423069.55 | 1309 | 40-50 | c | light grey | | 20 | | | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0759 | 1219210 | 7062993.54 | 423017.02 | 1310 | 50-60 | c | light grey | | 20 | | | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0825 | 1219211 | 7063045.12 | 422989.21 | 1313 | 50-60 | c | light grey | | 20 | | | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0826 | 1219212 | 7063098.74 | 423002.81 | 1314 | 50-60 | c | light brown | | 10 | | | 90 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0827 | 1219213 | 7063143.62 | 423011.55 | 1318 | 30-40 | c | light brown | | 20 | | | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0828 | 1219214 | 7063185.08 | 423015.29 | 1312 | 40-50 | c | light grey | | 20 | | | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0829 | 1219215 | 7063246.48 | 423027.51 | 1316 | 40-50 | c | dark grey | | 20 | | | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0830 | 1219216 | 7063295.09 | 423038.25 | 1308 | 40-50 | c | light brown | | 30 | | | 70 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0831 | 1219217 | 7063336.43 | 423041.54 | 1311 | 40-50 | c | light grey | | 20 | | | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0832 | 1219218 | 7063387.92 | 423050.15 | 1299 | 30-40 | c | light brown | | 20 | | | 80 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0833 | 1219219 | 7063435.23 | 423060.53 | 1301 | | c | light brown | | 25 | | | 75 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0834 | 1219220 | 7063490.51 | 423066.40 | 1292 | 20-30 | c | light brown | | 30 | | | 70 | weathered bedrock |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0835 | 1219221 | 7063531.52 | 423073.21 | 1289 | 50-60 | c | light grey | | 30 | | | 70 | weathered bedrock |
| 26-Jul-11 | Andrew Blampin | OV-0935 | 1219222 | 7063963.09 | 420613.77 | 990 | 20-30 | c | light brown | | 30 | | | 70 | weathered bedrock |
| 26-Jul-11 | Andrew Blampin | OV-0936 | 1219223 | 7063940.30 | 420565.62 | 983 | 20-30 | c | light grey | | 40 | | | 60 | weathered bedrock |
| 26-Jul-11 | Andrew Blampin | OV-0937 | 1219224 | 7063912.23 | 420521.81 | 982 | >80 | c | light grey | | 20 | | | 80 | weathered bedrock |
| 26-Jul-11 | Andrew Blampin | OV-0938 | 1219225 | 7063893.53 | 420478.15 | 979 | 20-30 | c | light brown | | 10 | | 10 | 80 | weathered bedrock |
| 26-Jul-11 | Andrew Blampin | OV-0939 | 1219226 | 7063865.39 | 420431.21 | 975 | 10-20 | c | light brown | | 20 | | | 80 | weathered bedrock |
| 26-Jul-11 | Andrew Blampin | OV-0940 | 1219227 | 7063857.46 | 420388.28 | 966 | 30-40 | c | light brown | | 10 | | 10 | 80 | weathered bedrock |
| 26-Jul-11 | Andrew Blampin | OV-0941 | 1219228 | 7063835.74 | 420350.23 | 957 | 10-20 | c | light grey | | 10 | | 10 | 80 | weathered bedrock |
| 26-Jul-11 | Andrew Blampin | OV-0942 | 1219229 | 7063808.36 | 420299.05 | 936 | 70-80 | c | light grey | | 20 | | | 80 | weathered bedrock |
| 26-Jul-11 | Andrew Blampin | OV-0943 | 1219230 | 7063791.64 | 420249.72 | 926 | 50-60 | c | light grey | | 10 | | 20 | 70 | weathered bedrock |
| 26-Jul-11 | Andrew Blampin | OV-0944 | 1219231 | 7063770.99 | 420205.43 | 916 | 30-40 | c | light brown | | 20 | | | 80 | weathered bedrock |
| 26-Jul-11 | Andrew Blampin | OV-0945 | 1219232 | 7063755.41 | 420165.17 | 904 | 30-40 | c | light brown | | 20 | | | 80 | weathered bedrock |
| 26-Jul-11 | Andrew Blampin | OV-0946 | 1219233 | 7063723.78 | 420117.71 | 895 | 20-30 | c | light brown | | 20 | | | 80 | weathered bedrock |
| 26-Jul-11 | Andrew Blampin | OV-0947 | 1219234 | 7063707.30 | 420054.64 | 881 | 30-40 | c | light brown | | 20 | | | 80 | weathered bedrock |
| 26-Jul-11 | Andrew Blampin | OV-0948 | 1219235 | 7063694.35 | 420020.24 | 867 | 60-70 | c | light grey | | 20 | | 20 | 60 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | Parent Material | |
|-----------|----------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|-----------------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | | Clay |
| 26-Jul-11 | Andrew Blampin | OV-0949 | 1219236 | 7063688.30 | 419965.61 | 853 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 26-Jul-11 | Andrew Blampin | OV-0950 | 1219237 | 7063661.68 | 419924.35 | 840 | 40-50 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 26-Jul-11 | Andrew Blampin | OV-0951 | 1219238 | 7063643.21 | 419876.07 | 832 | 30-40 | c | light grey | | 30 | | | | 70 | weathered bedrock |
| 26-Jul-11 | Andrew Blampin | OV-0952 | 1219239 | 7063635.78 | 419838.15 | 822 | 20-30 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 26-Jul-11 | Andrew Blampin | OV-0953 | 1219240 | 7063614.29 | 419778.79 | 807 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 26-Jul-11 | Andrew Blampin | OV-0954 | 1219241 | 7063605.31 | 419742.39 | 795 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 26-Jul-11 | Andrew Blampin | OV-0955 | 1219242 | 7063600.67 | 419685.28 | 780 | 30-40 | c | light grey | | 30 | | | | 70 | weathered bedrock |
| 26-Jul-11 | Andrew Blampin | OV-0956 | 1219243 | 7063573.10 | 419642.40 | 770 | 40-50 | c | light grey | | 30 | | | | 70 | weathered bedrock |
| 26-Jul-11 | Andrew Blampin | OV-0957 | 1219244 | 7063560.09 | 419599.91 | 753 | 30-40 | c | light grey | | 30 | | | | 70 | weathered bedrock |
| 26-Jul-11 | Andrew Blampin | OV-0958 | 1219245 | 7063552.11 | 419538.92 | 746 | 20-30 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 26-Jul-11 | Andrew Blampin | OV-0959 | 1219246 | 7063545.55 | 419539.40 | 748 | 40-50 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0597 | 1219351 | 7065676.20 | 425812.32 | 1587 | 20-30 | c | light grey | | 60 | | | | 40 | talus |
| 23-Jul-11 | Alec McAlister | OV-0599 | 1219352 | 7065573.29 | 425787.26 | 1591 | 50-60 | c | light brown | | 60 | | | | 40 | talus |
| 23-Jul-11 | Alec McAlister | OV-0601 | 1219353 | 7065468.53 | 425768.66 | 1581 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0603 | 1219354 | 7065372.48 | 425750.35 | 1572 | 60-70 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0605 | 1219355 | 7065274.19 | 425730.97 | 1546 | 50-60 | c | white | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0607 | 1219356 | 7065172.47 | 425713.83 | 1529 | 60-70 | c | light brown | | | 10 | | | 90 | talus |
| 23-Jul-11 | Alec McAlister | OV-0609 | 1219357 | 7065073.91 | 425697.13 | 1515 | 40-50 | c | light brown | | | 60 | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0611 | 1219358 | 7064984.85 | 425678.33 | 1505 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0613 | 1219359 | 7064879.11 | 425693.74 | 1494 | 60-70 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0615 | 1219360 | 7064779.27 | 425695.19 | 1488 | 50-60 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0617 | 1219361 | 7064685.25 | 425700.48 | 1482 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0619 | 1219362 | 7064568.62 | 425706.41 | 1475 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0621 | 1219363 | 7064478.76 | 425721.65 | 1469 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0623 | 1219364 | 7064379.98 | 425724.38 | 1461 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0625 | 1219365 | 7064282.23 | 425734.06 | 1452 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0627 | 1219366 | 7064182.55 | 425747.68 | 1444 | 60-70 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0629 | 1219367 | 7064090.90 | 425776.95 | 1438 | 20-30 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0631 | 1219368 | 7063990.52 | 425802.47 | 1432 | 40-50 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0633 | 1219369 | 7063890.74 | 425828.41 | 1430 | 40-50 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0635 | 1219370 | 7063797.78 | 425854.09 | 1409 | 30-40 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0637 | 1219371 | 7063696.19 | 425885.34 | 1401 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0639 | 1219372 | 7063599.46 | 425901.05 | 1395 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0641 | 1219373 | 7063510.16 | 425934.55 | 1390 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | Parent Material | |
|-----------|----------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|-----------------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | | Clay |
| 23-Jul-11 | Alec McAlister | OV-0643 | 1219374 | 7063438.76 | 425990.59 | 1367 | 60-70 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0645 | 1219375 | 7063368.04 | 426069.73 | 1326 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0647 | 1219376 | 7063309.06 | 426147.90 | 1281 | 60-70 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0649 | 1219377 | 7063229.07 | 426212.67 | 1250 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0651 | 1219378 | 7063167.59 | 426294.51 | 1222 | 60-70 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0653 | 1219379 | 7063108.01 | 426367.78 | 1198 | 60-70 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0655 | 1219380 | 7063034.46 | 426450.19 | 1172 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0657 | 1219381 | 7062956.51 | 426517.32 | 1152 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0659 | 1219382 | 7062900.01 | 426594.70 | 1139 | 50-60 | c | light brown | | | | | | | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0661 | 1219383 | 7062825.11 | 426657.76 | 1108 | 60-70 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0663 | 1219384 | 7062750.22 | 426720.81 | 1077 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0665 | 1219385 | 7062662.57 | 426785.55 | 1048 | | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0667 | 1219386 | 7062585.46 | 426846.16 | 1020 | 40-50 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0669 | 1219387 | 7062513.69 | 426906.10 | 1000 | >80 | c | light brown | | 100 | | | | | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0671 | 1219388 | 7062428.59 | 426969.13 | 981 | 60-70 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0673 | 1219389 | 7062354.62 | 427033.15 | 958 | 60-70 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0675 | 1219390 | 7062274.32 | 427085.12 | 930 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0677 | 1219391 | 7062177.10 | 427116.67 | 920 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0679 | 1219392 | 7062078.94 | 427135.30 | 896 | 70-80 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0681 | 1219393 | 7061972.89 | 427159.12 | 867 | >80 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0683 | 1219394 | 7061878.75 | 427180.17 | 851 | 60-70 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0685 | 1219395 | 7061784.55 | 427210.57 | 834 | 70-80 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0687 | 1219396 | 7061691.54 | 427236.16 | 818 | >80 | c | | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0689 | 1219397 | 7061595.03 | 427267.48 | 790 | >80 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 23-Jul-11 | Alec McAlister | OV-0691 | 1219398 | 7061503.47 | 427284.64 | 1587 | >80 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0858 | 1219401 | 7065296.29 | 423775.52 | 1296 | 50-60 | c | light brown | | 100 | | | | | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0859 | 1219402 | 7065304.38 | 423728.86 | 1283 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0860 | 1219403 | 7065314.70 | 423683.56 | 1275 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0861 | 1219404 | 7065342.22 | 423636.19 | 1264 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0862 | 1219405 | 7065356.87 | 423588.70 | 1253 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0863 | 1219406 | 7065373.08 | 423537.21 | 1247 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0864 | 1219407 | 7065398.74 | 423496.34 | 1247 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | Parent Material | |
|-----------|----------------|---------------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|-----------------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | | Clay |
| 26-Jul-11 | Alec McAlister | OV-0865 | 1219408 | 7065416.34 | 423453.97 | 1249 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0866 | 1219409 | 7065438.16 | 423404.43 | 1246 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0867 | 1219410 | 7065453.55 | 423361.39 | 1247 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0868 | 1219411 | 7065474.34 | 423317.32 | 1252 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0869 | 1219412 | 7065489.98 | 423262.11 | 1259 | 60-70 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0870 | 1219413 | 7065519.03 | 423215.94 | 1263 | 60-70 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0871 | 1219414 | 7065530.02 | 423175.15 | 1265 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0872 | 1219415 | 7065549.43 | 423131.64 | 1271 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0873 | 1219416 | 7065574.17 | 423080.25 | 1269 | 60-70 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0874 | 1219417 | 7065592.33 | 423030.42 | 1264 | 60-70 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0875 | 1219418 | 7065596.12 | 422989.86 | 1260 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0876 | 1219419 | 7065596.69 | 422934.75 | 1263 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0877 | 1219420 | 7065598.64 | 422884.92 | 1267 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0878 | 1219421 | 7065604.07 | 422836.72 | 1279 | 60-70 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0879 | 1219422 | 7065601.77 | 422785.08 | 1284 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0880 | 1219423 | 7065608.13 | 422738.99 | 1279 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0881 | 1219424 | 7065607.83 | 422687.28 | 1270 | 60-70 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0882 | 1219425 | 7065610.42 | 422640.92 | 1261 | 60-70 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 26-Jul-11 | Alec McAlister | OV-0883 | 1219426 | 7065609.80 | 422586.22 | 1249 | 50-60 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219501 | 7071808.15 | 424875.00 | 815 | 70-80 | b/c | light grey | | | | 20 | 30 | 50 | weathered bedrock |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219502 | 7071803.92 | 424820.45 | 813 | 20-30 | b/c | light brown | 20 | 10 | | | | 90 | weathered bedrock |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219503 | 7071785.76 | 424776.85 | 811 | 20-30 | c | light grey | | 20 | | | | 80 | weathered bedrock |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219504 | 7071753.71 | 424737.60 | 811 | 20-30 | c | dark grey | | 20 | | | 10 | 70 | weathered bedrock |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219505 | 7071730.56 | 424698.43 | 801 | 60-70 | c | light grey | | 20 | | | | 80 | weathered bedrock |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219506 | 7071700.38 | 424658.35 | 806 | 40-50 | c | light grey | | 30 | | | | 70 | weathered bedrock |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219507 | 7071678.79 | 424617.32 | 806 | 40-50 | c | light grey | | 30 | | | | 70 | weathered bedrock |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219508 | 7071634.49 | 424591.49 | 815 | 40-50 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219509 | 7071587.24 | 424575.63 | 813 | 30-40 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219510 | 7071543.67 | 424554.31 | 819 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219511 | 7071486.23 | 424551.41 | 816 | 40-50 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219512 | 7071430.14 | 424563.10 | 829 | 60-70 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219513 | 7071402.53 | 424526.31 | 812 | 40-50 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219514 | 7071348.85 | 424506.07 | 795 | 20-30 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219515 | 7071295.39 | 424474.81 | 799 | 10-20 | c | light brown | | 60 | | | | 40 | weathered bedrock |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219516 | 7071246.97 | 424455.56 | 797 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | | Parent Material |
|-----------|----------------|---------------|----------------|--------------|-------------|-----------|-------------------|-----------------|------------------|----------------|-----------|--------|------|------|------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | Clay | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219517 | 7071182.80 | 424414.04 | 804 | 40-50 | c | dark grey | | 30 | | | | 70 | weathered bedrock |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219518 | 7071218.12 | 424351.31 | 837 | 40-50 | c | dark grey | | 30 | | | | 70 | weathered bedrock |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219519 | 7071247.08 | 424317.97 | 817 | 30-40 | c | light grey | | 30 | | | | 70 | weathered bedrock |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219520 | 7071300.97 | 424303.84 | 798 | 30-40 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219521 | 7071321.33 | 424251.64 | 790 | 30-40 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219522 | 7071311.66 | 424197.13 | 804 | 40-50 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219523 | 7071265.65 | 424149.00 | 811 | 30-40 | c | light brown | | | | | 20 | 80 | weathered bedrock |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219524 | 7071223.79 | 424117.49 | 818 | 30-40 | c | light brown | | 30 | | | | 70 | weathered bedrock |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219525 | 7071193.61 | 424086.20 | 834 | 40-50 | c | light grey | | 30 | | | | 70 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0898 | 1219551 | 7065226.50 | 421945.16 | 1134 | 40-50 | c | greenish grey | | | 25 | 25 | | 50 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0899 | 1219552 | 7065199.49 | 421896.75 | 1128 | 40-50 | c | greenish grey | | | 25 | 25 | | 50 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0900 | 1219553 | 7065174.09 | 421859.26 | 1125 | 40-50 | b/c | greenish grey | | | 25 | 25 | | 50 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0901 | 1219554 | 7065148.48 | 421813.94 | 1121 | 40-50 | b/c | greenish grey | | 25 | 25 | | | 50 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0902 | 1219555 | 7065121.50 | 421778.06 | 1118 | 50-60 | c | light brown | | | 25 | 25 | | 50 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0903 | 1219556 | 7065088.14 | 421737.91 | 1115 | 60-70 | c | light brown | | 25 | 25 | | 25 | 25 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0904 | 1219557 | 7065052.20 | 421701.61 | 1111 | 50-60 | c | greenish grey | | 25 | 25 | | | 50 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0905 | 1219558 | 7065022.42 | 421656.02 | 1104 | 50-60 | b/c | light brown | | | 25 | 25 | | 50 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0906 | 1219559 | 7064991.77 | 421623.42 | 1098 | 50-60 | b/c | light brown | | | 25 | 25 | | 50 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0907 | 1219560 | 7064958.47 | 421574.73 | 1087 | 50-60 | b/c | light brown | | | 25 | 25 | | 50 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0908 | 1219561 | 7064923.74 | 421541.77 | 1080 | 50-60 | b/c | light brown | | | 25 | 25 | | 50 | weathered bedrock |
| 26-Jul-11 | Ryan West | OV-0909 | 1219562 | 7064892.26 | 421501.81 | 1074 | 50-60 | b/c | light brown | | | 25 | 25 | | 50 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0421 | 1219651 | 7065706.94 | 425835.00 | 1604 | 40-50 | c | dark brown | | 20 | | | | 80 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0422 | 1219652 | 7065714.52 | 425789.05 | 1603 | 40-50 | b/c | dark brown | | | | | | 100 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0423 | 1219653 | 7065718.47 | 425736.30 | 1601 | 50-60 | c | dark brown | | 10 | | | | 90 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0424 | 1219654 | 7065728.37 | 425684.24 | 1601 | 20-30 | b/c | dark brown | | | | | | 100 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0425 | 1219655 | 7065731.58 | 425640.05 | 1593 | 20-30 | b/c | dark brown | 10 | | | | | 90 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0426 | 1219656 | 7065733.06 | 425587.42 | 1583 | 40-50 | b/c | dark brown | | 10 | | | | 90 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0427 | 1219657 | 7065743.94 | 425537.82 | 1581 | 30-40 | b/c | dark brown | | | | | | 100 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0428 | 1219658 | 7065744.60 | 425487.92 | 1579 | 40-50 | b/c | dark brown | | | | | | 100 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0429 | 1219659 | 7065749.81 | 425438.72 | 1577 | 70-80 | c | light brown | | | | | | 100 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0430 | 1219660 | 7065755.22 | 425391.19 | 1571 | 10-20 | c | light brown | | | | | | 100 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0431 | 1219661 | 7065759.90 | 425339.87 | 1568 | 50-60 | c | light grey | | 10 | | | | 90 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0432 | 1219662 | 7065752.95 | 425290.25 | 1566 | 70-80 | c | yellowish orange | | | | | | 100 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0433 | 1219663 | 7065740.44 | 425241.50 | 1561 | 60-70 | c | light grey | | | | | | 100 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0434 | 1219664 | 7065735.68 | 425189.41 | 1556 | 50-60 | c | light brown | | | | | | 100 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | Parent Material |
|-----------|--------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|------------------|----------------|-----------|--------|------|------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | |
| 22-Jul-11 | Kevin Trudel | OV-0435 | 1219665 | 7065728.85 | 425142.90 | 1554 | 60-70 | c | light brown | | | | | 100 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0436 | 1219666 | 7065716.15 | 425092.46 | 1548 | 50-60 | c | light grey | | 10 | | | 90 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0437 | 1219667 | 7065706.95 | 425043.67 | 1545 | 50-60 | c | light grey | | | | | 100 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0438 | 1219668 | 7065692.97 | 424995.02 | 1539 | 70-80 | c | dark grey | | 20 | | | 80 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0439 | 1219669 | 7065692.00 | 424946.98 | 1537 | 50-60 | c | dark grey | | 20 | | | 80 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0440 | 1219670 | 7065677.55 | 424897.23 | 1531 | 40-50 | b/c | dark grey | | 35 | | | 65 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0441 | 1219671 | 7065670.71 | 424850.98 | 1526 | 40-50 | b/c | dark grey | | 25 | | | 75 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0442 | 1219672 | 7065662.45 | 424800.12 | 1520 | 50-60 | c | light brown | | 20 | | | 80 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0443 | 1219673 | 7065650.55 | 424750.04 | 1507 | 40-50 | b/c | dark grey | | 30 | | | 70 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0444 | 1219674 | 7065637.58 | 424702.81 | 1499 | 70-80 | c | dark brown | | 30 | | | 70 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0445 | 1219675 | 7065628.65 | 424650.59 | 1488 | 30-40 | b/c | dark grey | 20 | | | | 80 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0446 | 1219676 | 7065617.02 | 424603.88 | 1476 | 40-50 | b/c | dark brown | | 20 | | | 80 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0447 | 1219677 | 7065614.99 | 424557.93 | 1463 | 60-70 | c | dark brown | | | | | 100 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0448 | 1219678 | 7065596.97 | 424506.59 | 1458 | 60-70 | c | dark grey | | 10 | | | 90 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0449 | 1219679 | 7065591.04 | 424455.34 | 1452 | 40-50 | c | dark grey | | | | | 100 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0450 | 1219680 | 7065577.85 | 424409.03 | 1448 | 40-50 | c | light brown | | | | | 100 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0451 | 1219681 | 7065571.17 | 424357.83 | 1427 | 40-50 | b/c | dark brown | | 20 | | | 80 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0452 | 1219682 | 7065558.92 | 424307.79 | 1408 | 40-50 | b/c | light brown | | | | | 100 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0453 | 1219683 | 7065538.16 | 424266.54 | 1398 | 30-40 | b/c | dark brown | | 30 | | | 70 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0454 | 1219684 | 7065516.60 | 424218.99 | 1386 | 40-50 | b/c | light brown | | 20 | | | 80 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0455 | 1219685 | 7065489.59 | 424173.09 | 1376 | 70-80 | c | dark grey | | | | | 100 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0456 | 1219686 | 7065468.80 | 424133.43 | 1373 | 70-80 | c | yellowish orange | | 30 | | | 70 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0457 | 1219687 | 7065443.21 | 424089.36 | 1371 | 60-70 | c | light brown | | 30 | | | 70 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0458 | 1219688 | 7065425.43 | 424048.60 | 1366 | 60-70 | c | light brown | | 20 | | | 80 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0459 | 1219689 | 7065400.21 | 424003.13 | 1361 | 60-70 | c | light brown | | | | | 100 | weathered bedrock |
| 22-Jul-11 | Kevin Trudel | OV-0460 | 1219690 | 7065369.87 | 423957.16 | 1346 | 40-50 | b/c | light brown | | 20 | | | 80 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0960 | 1219691 | 7065781.60 | 425824.95 | 1609 | 40-50 | c | light brown | | 10 | | | 90 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0961 | 1219692 | 7065831.66 | 425835.33 | 1607 | 40-50 | c | light brown | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0962 | 1219693 | 7065881.69 | 425842.47 | 1606 | 40-50 | c | light brown | | 10 | | | 90 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0963 | 1219694 | 7065928.68 | 425857.29 | 1604 | 40-50 | c | light brown | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0964 | 1219695 | 7065977.45 | 425868.65 | 1601 | 30-40 | c | light brown | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0965 | 1219696 | 7066025.13 | 425876.48 | 1594 | 30-40 | b/c | light grey | | 40 | | | 60 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0966 | 1219697 | 7066074.00 | 425885.00 | | 10-20 | b | dark brown | 30 | | | | 70 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0967 | 1219698 | 7066121.25 | 425897.40 | 1575 | 30-40 | b/c | light grey | | 30 | | | 70 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0968 | 1219699 | 7066174.41 | 425910.04 | 1568 | 20-30 | b | dark brown | 20 | | | | 80 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | | Parent Material |
|-----------|--------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|-------------------|----------------|-----------|--------|------|------|------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | Clay | |
| 23-Jul-11 | Kevin Trudel | OV-0969 | 1219700 | 7066223.77 | 425921.29 | 1562 | 30-40 | b/c | light brown | | 10 | | | | 90 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0970 | 1219701 | 7066271.88 | 425931.24 | 1556 | 40-50 | b/c | light brown | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0971 | 1219702 | 7066317.72 | 425943.43 | 1554 | 40-50 | b/c | dark brown | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0972 | 1219703 | 7066366.71 | 425949.97 | 1550 | 40-50 | b/c | dark brown | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0973 | 1219704 | 7066414.69 | 425968.29 | 1543 | 50-60 | c | light brown | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0974 | 1219705 | 7066463.97 | 425982.26 | 1539 | 50-60 | c | light brown | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0975 | 1219706 | 7066510.93 | 425999.18 | 1533 | 40-50 | c | light brown | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0976 | 1219707 | 7066559.62 | 426009.27 | 1528 | 40-50 | c | light brown | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0977 | 1219708 | 7066604.50 | 426037.45 | 1524 | 40-50 | c | light brown | | 10 | | | | 90 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0978 | 1219709 | 7066655.70 | 426045.49 | 1514 | 30-40 | b/c | dark brown | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0979 | 1219710 | 7066704.74 | 426055.43 | 1506 | 40-50 | c | dark brown | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0980 | 1219711 | 7066748.00 | 426073.81 | 1500 | 30-40 | b/c | dark brown | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0981 | 1219712 | 7066796.43 | 426084.27 | 1483 | 30-40 | b/c | dark brown | | 40 | | | | 60 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0982 | 1219713 | 7066847.29 | 426099.92 | 1475 | 40-50 | b/c | dark brown | 10 | | | | | 90 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0983 | 1219714 | 7066894.37 | 426118.86 | 1471 | 40-50 | c | dark brown | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0984 | 1219715 | 7066930.22 | 426149.30 | 1466 | 70-80 | c | white | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0985 | 1219716 | 7066952.20 | 426191.30 | 1463 | >80 | c | white | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0986 | 1219717 | 7066986.46 | 426234.17 | 1458 | 50-60 | c | light grey | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0987 | 1219718 | 7067008.66 | 426275.65 | 1454 | 50-60 | c | light brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0988 | 1219719 | 7067041.34 | 426312.41 | 1451 | 40-50 | c | light brown | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0989 | 1219720 | 7067061.63 | 426354.50 | 1449 | 40-50 | b/c | dark brown | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0990 | 1219721 | 7067095.29 | 426394.93 | 1448 | 40-50 | b/c | dark brown | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0991 | 1219722 | 7067123.13 | 426436.67 | 1443 | 40-50 | b/c | dark brown | | | | | | 90 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0992 | 1219723 | 7067153.12 | 426479.76 | 1438 | 30-40 | b/c | dark brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0993 | 1219724 | 7067180.41 | 426517.40 | 1434 | 50-60 | c | light brown | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0994 | 1219725 | 7067209.66 | 426561.51 | 1438 | 30-40 | b/c | dark brown | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0995 | 1219726 | 7067242.30 | 426606.27 | 1441 | 30-40 | b/c | dark brown | | 10 | | | | 90 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0996 | 1219727 | 7067259.61 | 426647.37 | 1444 | 40-50 | b/c | light brown | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0997 | 1219728 | 7067294.19 | 426693.97 | 1449 | 30-40 | b/c | light brown | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0998 | 1219729 | 7067316.17 | 426729.70 | 1452 | 60-70 | c | light brown | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-0999 | 1219730 | 7067336.87 | 426781.27 | 1450 | 70-80 | c | yellowish orange | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-1000 | 1219731 | 7067355.56 | 426829.68 | 1448 | 70-80 | c | white | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-1001 | 1219732 | 7067367.49 | 426870.30 | 1446 | 60-70 | c | light brown | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-1002 | 1219733 | 7067394.61 | 426914.34 | 1444 | 70-80 | c | ash (salt&pepper) | | 20 | | | | 80 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-1003 | 1219734 | 7067416.92 | 426960.44 | 1445 | 70-80 | c | light grey | | 20 | | | | 80 | weathered bedrock |

| Date | Soil Sampler | Station | Lab Tag Number | UTM Northing | UTM Easting | Elevation | Sample Depth (cm) | Horizon Sampled | Sample Colour | Sample Comp. % | | | | | | Parent Material |
|-----------|--------------|---------|----------------|--------------|-------------|-----------|-------------------|-----------------|---------------|----------------|-----------|--------|------|------|------|-------------------|
| | | | | | | | | | | Organics | Ang. Rock | Gravel | Sand | Silt | Clay | |
| 23-Jul-11 | Kevin Trudel | OV-1004 | 1219735 | 7067430.11 | 427006.39 | 1444 | 50-60 | c | light brown | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-1005 | 1219736 | 7067453.28 | 427050.31 | 1438 | 30-40 | c | dark brown | | 10 | | | | 90 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-1006 | 1219737 | 7067469.09 | 427100.26 | 1435 | 50-60 | c | light brown | | | | | | 100 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-1007 | 1219738 | 7067493.54 | 427144.55 | 1429 | 30-40 | b/c | light brown | | 10 | | | | 90 | weathered bedrock |
| 23-Jul-11 | Kevin Trudel | OV-1008 | 1219739 | 7067512.26 | 427194.28 | 1422 | 40-50 | b/c | light brown | | | | | | 100 | weathered bedrock |



| |
|--------------------|
| Property: |
| Project Geologist: |
| GPS Datum & Zone: |
| Lab: |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|----------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---------------------------------|
| 27-Jul-11 | Michael Glynn | | 1207751 | | | | | 28-Jul-11 | #3 | gossanous soils from old trench |
| 9-Jul-11 | Andrew Blampin | | 1217001 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | sent to lab as Arizona samples |
| 9-Jul-11 | Andrew Blampin | | 1217002 | wet | evergreen forest | mid slope | | 18-Jul-11 | | sent to lab as Arizona samples |
| 9-Jul-11 | Andrew Blampin | | 1217003 | moist | evergreen forest | mid slope | | 18-Jul-11 | | sent to lab as Arizona samples |
| 9-Jul-11 | Andrew Blampin | | 1217004 | moist | evergreen forest | mid slope | | 18-Jul-11 | | sent to lab as Arizona samples |
| 9-Jul-11 | Andrew Blampin | | 1217005 | moist | evergreen forest | mid slope | | 18-Jul-11 | | sent to lab as Arizona samples |
| 9-Jul-11 | Andrew Blampin | | 1217006 | moist | evergreen forest | mid slope | | 18-Jul-11 | | sent to lab as Arizona samples |
| 9-Jul-11 | Andrew Blampin | | 1217007 | moist | evergreen forest | mid slope | | 18-Jul-11 | | sent to lab as Arizona samples |
| 9-Jul-11 | Andrew Blampin | | 1217008 | moist | evergreen forest | mid slope | | 18-Jul-11 | | sent to lab as Arizona samples |
| 9-Jul-11 | Andrew Blampin | | 1217009 | moist | evergreen forest | mid slope | | 18-Jul-11 | | sent to lab as Arizona samples |
| 9-Jul-11 | Andrew Blampin | | 1217010 | moist | evergreen forest | mid slope | | 18-Jul-11 | | sent to lab as Arizona samples |
| 9-Jul-11 | Andrew Blampin | | 1217011 | moist | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 9-Jul-11 | Andrew Blampin | | 1217012 | moist | evergreen forest | mid slope | | 18-Jul-11 | | sent to lab as Arizona samples |
| 9-Jul-11 | Andrew Blampin | | 1217013 | moist | evergreen forest | mid slope | | 18-Jul-11 | | sent to lab as Arizona samples |
| 9-Jul-11 | Andrew Blampin | | 1217014 | moist | deciduous forest | mid slope | | 18-Jul-11 | | sent to lab as Arizona samples |
| 9-Jul-11 | Andrew Blampin | | 1217015 | moist | evergreen forest | mid slope | | 18-Jul-11 | | sent to lab as Arizona samples |
| 9-Jul-11 | Andrew Blampin | | 1217016 | moist | evergreen forest | mid slope | | 18-Jul-11 | | sent to lab as Arizona samples |
| 9-Jul-11 | Andrew Blampin | | 1217017 | moist | deciduous forest | mid slope | | 18-Jul-11 | | sent to lab as Arizona samples |
| 9-Jul-11 | Andrew Blampin | | 1217018 | moist | deciduous forest | mid slope | | 18-Jul-11 | | sent to lab as Arizona samples |
| 9-Jul-11 | Andrew Blampin | | 1217019 | moist | deciduous forest | mid slope | | 18-Jul-11 | | sent to lab as Arizona samples |
| 9-Jul-11 | Andrew Blampin | | 1217020 | moist | deciduous forest | mid slope | | 18-Jul-11 | | sent to lab as Arizona samples |
| 9-Jul-11 | Andrew Blampin | | 1217021 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Andrew Blampin | | 1217022 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Andrew Blampin | | 1217023 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Andrew Blampin | | 1217024 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Andrew Blampin | | 1217025 | dry | evergreen forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Andrew Blampin | | 1217026 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0040 | 1217029 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|----------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---|
| 15-Jul-11 | Andrew Blampin | OV-0041 | 1217030 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0042 | 1217031 | moist | buck brush | plateau | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0043 | 1217032 | moist | buck brush | plateau | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0044 | 1217033 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0045 | 1217034 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0046 | 1217035 | moist | buck brush | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0047 | 1217036 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0048 | 1217037 | moist | buck brush | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0049 | 1217038 | moist | buck brush | plateau | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0050 | 1217039 | moist | buck brush | plateau | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0051 | 1217040 | moist | buck brush | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0052 | 1217041 | moist | buck brush | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0053 | 1217042 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0054 | 1217043 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0055 | 1217044 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0056 | 1217045 | moist | buck brush | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0057 | 1217046 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0058 | 1217047 | moist | buck brush | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0059 | 1217048 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0060 | 1217049 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0061 | 1217050 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0062 | 1217051 | moist | buck brush | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0063 | 1217052 | moist | buck brush | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0064 | 1217053 | moist | buck brush | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0065 | 1217054 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0066 | 1217055 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0067 | 1217056 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | OV-0068 | 1217057 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Andrew Blampin | | 1217058 | moist | buck brush | mid slope | | 18-Jul-11 | | no sample location within field notes or gps downloads, coordinates estimated based on previous sample locations no acme sample book |
| 15-Jul-11 | Andrew Blampin | | 1217059 | | | | | 18-Jul-11 | | no sample location or field notes, location is estimated based on previous samples |
| 15-Jul-11 | Andrew Blampin | | 1217060 | | | | | 18-Jul-11 | | no sample location or field notes, location is estimated based on previous samples |
| 8-Jul-11 | Conner McKay | | 1217151 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |

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|----------|--------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---------|
| 8-Jul-11 | Conner McKay | | 1217152 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217153 | saturated | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217154 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217155 | wet | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217156 | wet | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217157 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217158 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217159 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217160 | dry | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217161 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217162 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217163 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217164 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217165 | dry | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217166 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217167 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217168 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217169 | saturated | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217170 | wet | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217171 | wet | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217172 | saturated | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217173 | saturated | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217174 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217175 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217176 | dry | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217177 | dry | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217178 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217179 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 8-Jul-11 | Conner McKay | | 1217180 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Conner McKay | | 1217181 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Conner McKay | | 1217182 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Conner McKay | | 1217183 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Conner McKay | | 1217184 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Conner McKay | | 1217185 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Conner McKay | | 1217186 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|--------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---|
| 9-Jul-11 | Conner McKay | | 1217187 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Conner McKay | | 1217188 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Conner McKay | | 1217189 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Conner McKay | | 1217190 | moist | deciduous forest | mid slope | | 18-Jul-11 | | estimated location |
| 9-Jul-11 | Conner McKay | | 1217191 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Conner McKay | | 1217192 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Conner McKay | | 1217193 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Conner McKay | | 1217194 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Conner McKay | | 1217195 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Conner McKay | | 1217196 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Conner McKay | | 1217197 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Conner McKay | | 1217198 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Conner McKay | | 1217199 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Conner McKay | | 1217200 | partially frozen | deciduous forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Conner McKay | | 1217201 | partially frozen | deciduous forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Conner McKay | | 1217202 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217203 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217204 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217205 | moist | evergreen forest | mid slope | 49 | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217206 | dry | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217207 | moist | deciduous forest | mid slope | 50 | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217208 | wet | evergreen forest | mid slope | | 18-Jul-11 | | sample depth description missing from field notes |
| 10-Jul-11 | Conner McKay | | 1217209 | partially frozen | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217210 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217211 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217212 | s | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217213 | partially frozen | evergreen forest | mid slope | 56 | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217214 | wet | evergreen forest | mid slope | 57 | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217215 | partially frozen | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217216 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217217 | partially frozen | evergreen forest | mid slope | 60 | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217218 | | | | 61 | 18-Jul-11 | | sample description missing from field notes |
| 10-Jul-11 | Conner McKay | | 1217219 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217220 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |

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|-----------|--------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---------|
| 10-Jul-11 | Conner McKay | | 1217221 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217222 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217223 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217224 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217225 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217226 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217227 | partially frozen | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217228 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217229 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217230 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217231 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Conner McKay | | 1217232 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217233 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217234 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217235 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217236 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217237 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217238 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217239 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217240 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217241 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217242 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217243 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217244 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217245 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217246 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217247 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217248 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217249 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217250 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217251 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217252 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217253 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217254 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217255 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |

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| 13-Jul-11 | Conner McKay | | 1217256 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217257 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217258 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217259 | dry | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Conner McKay | | 1217260 | dry | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0134 | 1217261 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0140 | 1217262 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0141 | 1217263 | dry | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0142 | 1217264 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0143 | 1217265 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0144 | 1217266 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0145 | 1217267 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0146 | 1217268 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0147 | 1217269 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0148 | 1217270 | moist | evergreen forest | ridge top | | 18-Jul-11 | | estimated location |
| 14-Jul-11 | Conner McKay | OV-0149 | 1217271 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0150 | 1217272 | wet | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0151 | 1217273 | wet | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0152 | 1217274 | dry | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0153 | 1217275 | dry | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0154 | 1217276 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0155 | 1217277 | dry | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0156 | 1217278 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0157 | 1217279 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0158 | 1217280 | dry | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0159 | 1217281 | wet | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0160 | 1217282 | dry | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0161 | 1217283 | | evergreen forest | ridge top | | 18-Jul-11 | | field notes missing moisture content description |
| 14-Jul-11 | Conner McKay | OV-0162 | 1217284 | dry | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0163 | 1217285 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0164 | 1217286 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0165 | 1217287 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0166 | 1217288 | dry | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0167 | 1217289 | dry | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Conner McKay | OV-0168 | 1217290 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |

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| 14-Jul-11 | Conner McKay | OV-0169 | 1217291 | dry | evergreen forest | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Conner McKay | OV-0350 | 1217292 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Conner McKay | OV-0331 | 1217293 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Conner McKay | OV-0332 | 1217294 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Conner McKay | OV-0333 | 1217295 | wet | evergreen forest | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Conner McKay | OV-0334 | 1217296 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Conner McKay | OV-0335 | 1217297 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Conner McKay | OV-0336 | 1217298 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Conner McKay | OV-0337 | 1217299 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Conner McKay | OV-0338 | 1217300 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 9-Jul-11 | Myles Rusk | OV-0001 | 1217301 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Myles Rusk | OV-0002 | 1217302 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Myles Rusk | OV-0003 | 1217303 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Myles Rusk | OV-0004 | 1217304 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Myles Rusk | OV-0005 | 1217305 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Myles Rusk | OV-0006 | 1217306 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Myles Rusk | OV-0007 | 1217307 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Myles Rusk | OV-0008 | 1217308 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Myles Rusk | OV-0009 | 1217309 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Myles Rusk | OV-0010 | 1217310 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Myles Rusk | OV-0011 | 1217311 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Myles Rusk | OV-0012 | 1217312 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Myles Rusk | OV-0013 | 1217313 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Myles Rusk | OV-0014 | 1217314 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Myles Rusk | OV-0015 | 1217315 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Myles Rusk | OV-0016 | 1217316 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Myles Rusk | OV-0017 | 1217317 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Myles Rusk | OV-0018 | 1217318 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Myles Rusk | OV-0019 | 1217319 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Myles Rusk | OV-0020 | 1217320 | dry | evergreen forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Myles Rusk | OV-0021 | 1217321 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Myles Rusk | OV-0022 | 1217322 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Myles Rusk | OV-0023 | 1217323 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 9-Jul-11 | Myles Rusk | OV-0024 | 1217324 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|--------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---|
| | | | 1217325 | | | | | 18-Jul-11 | | no sample taken, although Acme indicates this sample was processed as WHI11000757 there is no assay values for this sample in the spreadsheet |
| 10-Jul-11 | Lukasz Malek | | 1217326 | moist | evergreen forest | mid slope | | 18-Jul-11 | | missing hard copy field sample notes |
| 10-Jul-11 | Lukasz Malek | | 1217327 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Lukasz Malek | | 1217328 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Lukasz Malek | | 1217329 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Lukasz Malek | | 1217330 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Lukasz Malek | | 1217331 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Lukasz Malek | | 1217332 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Lukasz Malek | | 1217333 | moist | | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Lukasz Malek | | 1217334 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Lukasz Malek | | 1217335 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Lukasz Malek | | 1217336 | | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Lukasz Malek | | 1217337 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Lukasz Malek | | 1217338 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Lukasz Malek | | 1217339 | frozen | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Lukasz Malek | | 1217340 | partially frozen | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Lukasz Malek | | 1217341 | wet | | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Lukasz Malek | | 1217342 | wet | evergreen forest | mid slope | | | | no record of sample being shipped to acme |
| 10-Jul-11 | Lukasz Malek | | 1217343 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Lukasz Malek | | 1217344 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Lukasz Malek | | 1217345 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Lukasz Malek | | 1217346 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 10-Jul-11 | Lukasz Malek | | 1217347 | moist | evergreen forest | mid slope | | | | no record of sample being shipped to acme |
| 13-Jul-11 | Myles Rusk | | 1217401 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217402 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217403 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217404 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217405 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217406 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217407 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217408 | dry | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217409 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217410 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|--------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|--|
| 13-Jul-11 | Myles Rusk | | 1217411 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217412 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217413 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217414 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217415 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217416 | dry | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217417 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217418 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217419 | dry | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217420 | dry | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217421 | dry | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217422 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217423 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217424 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217425 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217426 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217427 | moist | evergreen forest | mid slope | | 18-Jul-11 | | sample colour description missing from field notes |
| 13-Jul-11 | Myles Rusk | | 1217428 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217429 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Myles Rusk | | 1217430 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0090 | 1217431 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0091 | 1217432 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0092 | 1217433 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0093 | 1217434 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0094 | 1217435 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0095 | 1217436 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0096 | 1217437 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0097 | 1217438 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0098 | 1217439 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0099 | 1217440 | partially frozen | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0100 | 1217441 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0101 | 1217442 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0102 | 1217443 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0103 | 1217444 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|--------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---|
| 14-Jul-11 | Myles Rusk | OV-0104 | 1217445 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0105 | 1217446 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0106 | 1217447 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0107 | 1217448 | partially frozen | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0108 | 1217449 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0109 | 1217450 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Sam Snelling | | 1217451 | saturated | buck brush | mid slope | | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217452 | | | | | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217453 | | | | | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217454 | saturated | buck brush | mid slope | | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217455 | saturated | buck brush | mid slope | 2 | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217456 | saturated | buck brush | mid slope | | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217457 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217458 | saturated | | mid slope | | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217459 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217460 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217461 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217462 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217463 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217464 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217465 | saturated | evergreen forest | mid slope | 8 | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217466 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217467 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217468 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217469 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217470 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217471 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217472 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217473 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217474 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217475 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 13-Jul-11 | Sam Snelling | | 1217476 | saturated | evergreen forest | mid slope | | 18-Jul-11 | | incomplete sample descriptions in field notes |
| 14-Jul-11 | Sam Snelling | OV-0294 | 1217477 | moist | evergreen forest | valley bottom | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0293 | 1217478 | moist | evergreen forest | valley bottom | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0292 | 1217479 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|--------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|------------------------------------|
| 14-Jul-11 | Sam Snelling | OV-0291 | 1217480 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0290 | 1217481 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0289 | 1217482 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0288 | 1217483 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0287 | 1217484 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0286 | 1217485 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0285 | 1217486 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0284 | 1217487 | moist | deciduous forest | mid slope | 2 | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0283 | 1217488 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0282 | 1217489 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0546 | 1217490 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0595 | 1217491 | moist | deciduous forest | mid slope | | | | certificate re-issued Jan. 3, 2011 |
| 14-Jul-11 | Sam Snelling | OV-0594 | 1217492 | moist | deciduous forest | mid slope | | | | certificate re-issued Jan. 3, 2011 |
| 14-Jul-11 | Sam Snelling | OV-0593 | 1217493 | moist | deciduous forest | mid slope | | | | certificate re-issued Jan. 3, 2011 |
| 14-Jul-11 | Sam Snelling | OV-0592 | 1217494 | moist | deciduous forest | mid slope | | | | certificate re-issued Jan. 3, 2011 |
| 14-Jul-11 | Sam Snelling | OV-0591 | 1217495 | moist | deciduous forest | mid slope | | | | certificate re-issued Jan. 3, 2011 |
| 14-Jul-11 | Sam Snelling | OV-0590 | 1217496 | moist | deciduous forest | mid slope | | | | certificate re-issued Jan. 3, 2011 |
| 14-Jul-11 | Sam Snelling | OV-0589 | 1217497 | moist | deciduous forest | mid slope | | | | certificate re-issued Jan. 3, 2011 |
| 14-Jul-11 | Sam Snelling | OV-0588 | 1217498 | moist | deciduous forest | mid slope | 4 | | | certificate re-issued Jan. 3, 2011 |
| 14-Jul-11 | Sam Snelling | OV-0587 | 1217499 | moist | deciduous forest | mid slope | | | | certificate re-issued Jan. 3, 2011 |
| 14-Jul-11 | Sam Snelling | OV-0586 | 1217500 | moist | deciduous forest | mid slope | | | | certificate re-issued Jan. 3, 2011 |
| 15-Jul-11 | Conner McKay | OV-0331 | 1217501 | moist | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0340 | 1217502 | moist | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0341 | 1217503 | moist | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0342 | 1217504 | moist | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0343 | 1217505 | wet | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0344 | 1217506 | moist | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0345 | 1217507 | moist | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0346 | 1217508 | moist | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0347 | 1217509 | moist | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0348 | 1217510 | moist | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0349 | 1217511 | moist | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0350 | 1217512 | moist | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0351 | 1217513 | moist | evergreen forest | mid slope | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0352 | 1217514 | moist | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|--------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|--|
| 15-Jul-11 | Conner McKay | OV-0353 | 1217515 | moist | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0354 | 1217516 | moist | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0355 | 1217517 | moist | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0356 | 1217518 | moist | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0357 | 1217519 | moist | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0358 | 1217520 | | | | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0359 | 1217521 | moist | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0360 | 1217522 | | | | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0361 | 1217523 | moist | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0362 | 1217524 | moist | | | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0363 | 1217525 | moist | evergreen forest | mid slope | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0364 | 1217526 | moist | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0365 | 1217527 | wet | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0366 | 1217528 | wet | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0367 | 1217529 | moist | evergreen forest | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0368 | 1217530 | moist | evergreen forest | mid slope | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0369 | 1217531 | moist | buck brush | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 15-Jul-11 | Conner McKay | OV-0370 | 1217532 | moist | buck brush | ridge top | | 18-Jul-11 | | sent to lab as Arizona samples |
| 23-Jul-11 | Conner McKay | OV-1087 | 1217664 | moist | evergreen forest | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1088 | 1217665 | moist | evergreen forest | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1089 | 1217666 | moist | evergreen forest | ridge top | | 24-Jul-11 | #2 | missing horizon sampled description from field notes |
| 23-Jul-11 | Conner McKay | OV-1090 | 1217667 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1091 | 1217668 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1092 | 1217669 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1093 | 1217670 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1094 | 1217671 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1095 | 1217672 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1096 | 1217673 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | missing horizon sampled information from field notes |
| 23-Jul-11 | Conner McKay | OV-1097 | 1217674 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1098 | 1217675 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1099 | 1217676 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1100 | 1217677 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1101 | 1217678 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1102 | 1217679 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|--------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|--|
| 23-Jul-11 | Conner McKay | OV-1103 | 1217680 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1104 | 1217681 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1105 | 1217682 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1106 | 1217683 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1107 | 1217684 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1108 | 1217685 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1109 | 1217686 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1110 | 1217687 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1111 | 1217688 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1112 | 1217689 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1113 | 1217690 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1114 | 1217691 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1115 | 1217692 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1116 | 1217693 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1117 | 1217694 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1118 | 1217695 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1119 | 1217696 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1120 | 1217697 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1121 | 1217698 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1122 | 1217699 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1123 | 1217700 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1124 | 1217701 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1125 | 1217702 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1126 | 1217703 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1127 | 1217704 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1128 | 1217705 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1129 | 1217706 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1130 | 1217707 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1131 | 1217708 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1132 | 1217709 | | | | | 24-Jul-11 | #2 | no sample description in field notes |
| 23-Jul-11 | Conner McKay | OV-1133 | 1217710 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1134 | 1217711 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1135 | 1217712 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Conner McKay | OV-1136 | 1217713 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | missing sample colour description in field notes |
| 23-Jul-11 | Conner McKay | OV-1137 | 1217714 | moist | evergreen forest | mid slope | | | | no record of sample being shipped to acme |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|--------------------------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---------|
| 25-Jul-11 | Conner McKay & James Henderson | OV-0461 | 1217715 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0462 | 1217716 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0463 | 1217717 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0464 | 1217718 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0465 | 1217719 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0466 | 1217720 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0467 | 1217721 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0468 | 1217722 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0469 | 1217723 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0470 | 1217724 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0471 | 1217725 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0472 | 1217726 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0473 | 1217727 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0474 | 1217728 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0475 | 1217729 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0476 | 1217730 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0477 | 1217731 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0478 | 1217732 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0479 | 1217733 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Conner McKay | OV-0910 | 1217734 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Conner McKay | OV-0911 | 1217735 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Conner McKay | OV-0912 | 1217736 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Conner McKay | OV-0913 | 1217737 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Conner McKay | OV-0914 | 1217738 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Conner McKay | OV-0915 | 1217739 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Conner McKay | OV-0916 | 1217740 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Conner McKay | OV-0917 | 1217741 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Conner McKay | OV-0918 | 1217742 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Conner McKay | OV-0919 | 1217743 | moist | evergreen forest | ridge top | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Conner McKay | OV-0920 | 1217744 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Conner McKay | OV-0921 | 1217745 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Conner McKay | OV-0922 | 1217746 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Conner McKay | OV-0923 | 1217747 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Conner McKay | OV-0924 | 1217748 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Conner McKay | OV-0925 | 1217749 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|--------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|--|
| 26-Jul-11 | Conner McKay | OV-0926 | 1217750 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Conner McKay | OV-0927 | 1217951 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Conner McKay | OV-0928 | 1217952 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Conner McKay | OV-0929 | 1217953 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Conner McKay | OV-0930 | 1217954 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Conner McKay | OV-0931 | 1217955 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Conner McKay | OV-0932 | 1217956 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Conner McKay | OV-0933 | 1217957 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Conner McKay | OV-0934 | 1217958 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 22-Jul-11 | Ryan West | OV-1049 | 1218138 | moist | evergreen forest | mid slope | 7 | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1050 | 1218139 | moist | alpine | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1051 | 1218140 | moist | alpine | | | 24-Jul-11 | #2 | no topo position description in field notes |
| 22-Jul-11 | Ryan West | OV-1052 | 1218141 | | | | | 24-Jul-11 | #2 | no sample taken |
| 22-Jul-11 | Ryan West | OV-1053 | 1218142 | moist | alpine | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1054 | 1218143 | moist | buck brush | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1055 | 1218144 | moist | buck brush | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1056 | 1218145 | moist | buck brush | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1057 | 1218146 | moist | buck brush | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1058 | 1218147 | moist | buck brush | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1059 | 1218148 | moist | buck brush | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1060 | 1218149 | moist | evergreen forest | mid slope | 8 | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1061 | 1218150 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1062 | 1218151 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1063 | 1218152 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1064 | 1218153 | moist | evergreen forest | mid slope | 9 | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1065 | 1218154 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1066 | 1218155 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1067 | 1218156 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1068 | 1218157 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | not horizon sampled description in field notes |
| 22-Jul-11 | Ryan West | OV-1069 | 1218158 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1070 | 1218159 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1071 | 1218160 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1072 | 1218161 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1073 | 1218162 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1074 | 1218163 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|--------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|--|
| 22-Jul-11 | Ryan West | OV-1075 | 1218164 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1076 | 1218165 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1077 | 1218166 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1078 | 1218167 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1079 | 1218168 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1080 | 1218169 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1081 | 1218170 | moist | evergreen forest | mid slope | 10 | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1082 | 1218171 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1083 | 1218172 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1084 | 1218173 | wet | buck brush | valley bottom | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1085 | 1218174 | wet | evergreen forest | valley bottom | 11 | 24-Jul-11 | #2 | |
| 22-Jul-11 | Ryan West | OV-1086 | 1218175 | wet | buck brush | valley bottom | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0598 | 1218176 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0600 | 1218177 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0602 | 1218178 | dry | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0604 | 1218179 | dry | alpine | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0606 | 1218180 | dry | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0608 | 1218181 | dry | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0610 | 1218182 | dry | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0612 | 1218183 | dry | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0614 | 1218184 | | alpine | ridge top | | 24-Jul-11 | #2 | missing sample description in field notes |
| 23-Jul-11 | Ryan West | OV-0616 | 1218185 | dry | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0618 | 1218186 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0620 | 1218187 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0622 | 1218188 | moist | alpine | | | 24-Jul-11 | #2 | topo position description missing from field notes |
| 23-Jul-11 | Ryan West | OV-0624 | 1218189 | dry | | | | 24-Jul-11 | #2 | missing sample description in field notes |
| 23-Jul-11 | Ryan West | OV-0626 | 1218190 | moist | alpine | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0628 | 1218191 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0630 | 1218192 | dry | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0632 | 1218193 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0634 | 1218194 | | | | | 24-Jul-11 | #2 | no sample taken |
| 23-Jul-11 | Ryan West | OV-0636 | 1218195 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0638 | 1218196 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0640 | 1218197 | | | | | 24-Jul-11 | #2 | no sample taken - talus |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|--------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---|
| 23-Jul-11 | Ryan West | OV-0642 | 1218198 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0644 | 1218199 | | | mid slope | | 24-Jul-11 | #2 | missing sample description in field notes |
| 23-Jul-11 | Ryan West | OV-0646 | 1218200 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | missing parent material sample description in field notes |
| 23-Jul-11 | Ryan West | OV-0648 | 1218201 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0650 | 1218202 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0652 | 1218203 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0654 | 1218204 | moist | alpine | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0656 | 1218205 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0658 | 1218206 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0660 | 1218207 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0662 | 1218208 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0664 | 1218209 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0666 | 1218210 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0668 | 1218211 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | missing parent material description from field notes |
| 23-Jul-11 | Ryan West | OV-0670 | 1218212 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0672 | 1218213 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0674 | 1218214 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | missing horizon samples description from field notes |
| 23-Jul-11 | Ryan West | OV-0676 | 1218215 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0678 | 1218216 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0680 | 1218217 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0682 | 1218218 | saturated | tundra | bench | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0684 | 1218219 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0686 | 1218220 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0688 | 1218221 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0690 | 1218222 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Ryan West | OV-0692 | 1218223 | | | | | 24-Jul-11 | #2 | missing sample description information from field notes |
| 24-Jul-11 | Ryan West | OV-0013 | 1218224 | moist | evergreen forest | ridge top | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Ryan West | OV-0015 | 1218225 | moist | evergreen forest | ridge top | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Ryan West | OV-0017 | 1218226 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Ryan West | OV-0019 | 1218227 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Ryan West | OV-0021 | 1218228 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Ryan West | OV-0023 | 1218229 | | | | | 28-Jul-11 | #3 | no sample taken |
| 24-Jul-11 | Ryan West | OV-0025 | 1218230 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|-----------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|--|
| 24-Jul-11 | Ryan West | OV-0027 | 1218231 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Ryan West | OV-0029 | 1218232 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Ryan West | OV-0031 | 1218233 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | blue coloured granite |
| 24-Jul-11 | Ryan West | OV-0033 | 1218234 | partially frozen | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Ryan West | OV-0035 | 1218235 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Ryan West | OV-0037 | 1218236 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0884 | 1218237 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0885 | 1218238 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0886 | 1218239 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0887 | 1218240 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0888 | 1218241 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0889 | 1218242 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0890 | 1218243 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0891 | 1218244 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0892 | 1218245 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0893 | 1218246 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0894 | 1218247 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0895 | 1218248 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0896 | 1218249 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0897 | 1218250 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | missing sample colour description from field notes |
| 22-Jul-11 | Thomas Barrette | OV-0420 | 1218351 | moist | alpine | ridge top | 1 | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0419 | 1218352 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0418 | 1218353 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0417 | 1218354 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0416 | 1218355 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0415 | 1218356 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0414 | 1218357 | moist | alpine | ridge top | 2 | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0413 | 1218358 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0412 | 1218359 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0411 | 1218360 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0410 | 1218361 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0409 | 1218362 | moist | alpine | ridge top | 3 | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0408 | 1218363 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0407 | 1218364 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|-----------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---|
| 22-Jul-11 | Thomas Barrette | OV-0406 | 1218365 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0405 | 1218366 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0404 | 1218367 | moist | alpine | ridge top | 4 | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0403 | 1218368 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0402 | 1218369 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0401 | 1218370 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0400 | 1218371 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0399 | 1218372 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0398 | 1218373 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0397 | 1218374 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0396 | 1218375 | moist | alpine | ridge top | 5 | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0395 | 1218376 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0394 | 1218377 | moist | alpine | ridge top | 6 | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0393 | 1218378 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0392 | 1218379 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0391 | 1218380 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0390 | 1218381 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0389 | 1218382 | moist | alpine | ridge top | 7 | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0388 | 1218383 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0387 | 1218384 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0386 | 1218385 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0385 | 1218386 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0384 | 1218387 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0383 | 1218388 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0382 | 1218389 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0381 | 1218390 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0380 | 1218391 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0379 | 1218392 | moist | alpine | ridge top | 8 | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0378 | 1218393 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0377 | 1218394 | moist | alpine | ridge top | | 24-Jul-11 | #2 | no sample colour description in field notes |
| 22-Jul-11 | Thomas Barrette | OV-0376 | 1218395 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0375 | 1218396 | moist | buck brush | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0374 | 1218397 | moist | buck brush | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0373 | 1218398 | moist | buck brush | ridge top | | 24-Jul-11 | #2 | |
| 22-Jul-11 | Thomas Barrette | OV-0372 | 1218399 | moist | buck brush | ridge top | | 24-Jul-11 | #2 | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|-----------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---------|
| 22-Jul-11 | Thomas Barrette | OV-0371 | 1218400 | moist | buck brush | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1009 | 1218401 | moist | buck brush | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1010 | 1218402 | moist | buck brush | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1011 | 1218403 | moist | buck brush | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1012 | 1218404 | moist | buck brush | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1013 | 1218405 | moist | buck brush | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1014 | 1218406 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1015 | 1218407 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1016 | 1218408 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1017 | 1218409 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1018 | 1218410 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1019 | 1218411 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1020 | 1218412 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1021 | 1218413 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1022 | 1218414 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1023 | 1218415 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1024 | 1218416 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1025 | 1218417 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1026 | 1218418 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1027 | 1218419 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1028 | 1218420 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1029 | 1218421 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1030 | 1218422 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1031 | 1218423 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1032 | 1218424 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1033 | 1218425 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1034 | 1218426 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1035 | 1218427 | wet | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1036 | 1218428 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1037 | 1218429 | partially frozen | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1038 | 1218430 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1039 | 1218431 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1040 | 1218432 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1041 | 1218433 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1042 | 1218434 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|-----------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|-----------------|
| 23-Jul-11 | Thomas Barrette | OV-1043 | 1218435 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1044 | 1218436 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1045 | 1218437 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1046 | 1218438 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1047 | 1218439 | partially frozen | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Thomas Barrette | OV-1048 | 1218440 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 24-Jul-11 | Thomas Barrette | OV-0014 | 1218441 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Thomas Barrette | OV-0016 | 1218442 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Thomas Barrette | OV-0018 | 1218443 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Thomas Barrette | OV-0020 | 1218444 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Thomas Barrette | OV-0022 | 1218445 | partially frozen | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Thomas Barrette | OV-0024 | 1218446 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Thomas Barrette | OV-0026 | 1218447 | moist | evergreen forest | plateau | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Thomas Barrette | OV-0028 | 1218448 | moist | evergreen forest | plateau | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Thomas Barrette | OV-0030 | 1218449 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Thomas Barrette | OV-0032 | 1218450 | partially frozen | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Thomas Barrette | OV-0034 | 1218451 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Thomas Barrette | OV-0036 | 1218452 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Thomas Barrette | OV-0038 | 1218453 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Thomas Barrette | OV-0040 | 1218454 | wet | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| | | | 1218455 | | | | | | | no sample taken |
| 25-Jul-11 | Thomas Barrette | OV-0760 | 1218456 | moist | evergreen forest | ridge top | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0761 | 1218457 | moist | evergreen forest | ridge top | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0762 | 1218458 | moist | evergreen forest | ridge top | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0763 | 1218459 | moist | buck brush | ridge top | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0764 | 1218460 | moist | buck brush | ridge top | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0765 | 1218461 | moist | buck brush | ridge top | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0766 | 1218462 | moist | buck brush | ridge top | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0767 | 1218463 | moist | buck brush | ridge top | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0768 | 1218464 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0769 | 1218465 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0770 | 1218466 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0771 | 1218467 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0772 | 1218468 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0773 | 1218469 | dry | buck brush | mid slope | | 28-Jul-11 | #3 | |

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| 25-Jul-11 | Thomas Barrette | OV-0774 | 1218470 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0775 | 1218471 | moist | buck brush | ridge top | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0776 | 1218472 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0777 | 1218473 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0778 | 1218474 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0779 | 1218475 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0780 | 1218476 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0781 | 1218477 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0782 | 1218478 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0783 | 1218479 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0784 | 1218480 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0785 | 1218481 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0786 | 1218482 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0787 | 1218483 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0788 | 1218484 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0789 | 1218485 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0790 | 1218486 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0791 | 1218487 | partially frozen | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Thomas Barrette | OV-0792 | 1218488 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Thomas Barrette | OV-0793 | 1218489 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Thomas Barrette | OV-0794 | 1218490 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Thomas Barrette | OV-0795 | 1218491 | moist | evergreen forest | mid slope | | 18-Jul-11 | | also shipped on July 28, 2011 with #3, resolved with certificate 0757 on Jan. 3, 2012 |
| 26-Jul-11 | Thomas Barrette | OV-0796 | 1218492 | dry | evergreen forest | mid slope | | 18-Jul-11 | | also shipped on July 28, 2011 with #3, resolved with certificate 0757 on Jan. 3, 2012 |
| 26-Jul-11 | Thomas Barrette | OV-0797 | 1218493 | moist | evergreen forest | mid slope | | 18-Jul-11 | | also shipped on July 28, 2011 with #3, resolved with certificate 0757 on Jan. 3, 2012 |
| 26-Jul-11 | Thomas Barrette | OV-0798 | 1218494 | moist | evergreen forest | mid slope | | 18-Jul-11 | | also shipped on July 28, 2011 with #3, resolved with certificate 0757 on Jan. 3, 2012 |
| 26-Jul-11 | Thomas Barrette | OV-0799 | 1218495 | dry | evergreen forest | mid slope | | 18-Jul-11 | | also shipped on July 28, 2011 with #3, resolved with certificate 0757 on Jan. 3, 2012 |
| 26-Jul-11 | Thomas Barrette | OV-0800 | 1218496 | moist | evergreen forest | mid slope | | 18-Jul-11 | | also shipped on July 28, 2011 with #3, resolved with certificate 0757 on Jan. 3, 2012 |
| 26-Jul-11 | Thomas Barrette | OV-0801 | 1218497 | moist | evergreen forest | mid slope | | 18-Jul-11 | | also shipped on July 28, 2011 with #3, resolved with certificate 0757 on Jan. 3, 2012 |
| 26-Jul-11 | Thomas Barrette | OV-0802 | 1218498 | moist | evergreen forest | mid slope | | 18-Jul-11 | | also shipped on July 28, 2011 with #3, resolved with certificate 0757 on Jan. 3, 2012 |
| 26-Jul-11 | Thomas Barrette | OV-0803 | 1218499 | moist | evergreen forest | mid slope | | 18-Jul-11 | | also shipped on July 28, 2011 with #3, resolved with certificate 0757 on Jan. 3, 2012 |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|-----------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---|
| 26-Jul-11 | Thomas Barrette | OV-0804 | 1218500 | moist | evergreen forest | mid slope | | 18-Jul-11 | | also shipped on July 28, 2011 with #3, resolved with certificate 0757 on Jan. 3, 2012 |
| 14-Jul-11 | Sam Snelling | OV-0585 | 1218501 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0584 | 1218502 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0583 | 1218503 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0582 | 1218504 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0581 | 1218505 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0580 | 1218506 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0579 | 1218507 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0578 | 1218508 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0577 | 1218509 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0576 | 1218510 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0575 | 1218511 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0574 | 1218512 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0573 | 1218513 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Sam Snelling | OV-0572 | 1218514 | moist | deciduous forest | mid slope | | 18-Jul-11 | | estimated location |
| 15-Jul-11 | Sam Snelling | OV-0523 | 1218515 | moist | alpine | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0524 | 1218516 | moist | alpine | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0525 | 1218517 | moist | buck brush | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0526 | 1218518 | moist | buck brush | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0527 | 1218519 | moist | buck brush | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0528 | 1218520 | moist | buck brush | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0529 | 1218521 | moist | buck brush | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0530 | 1218522 | moist | buck brush | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0531 | 1218523 | moist | buck brush | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0532 | 1218524 | moist | buck brush | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0533 | 1218525 | moist | buck brush | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0534 | 1218526 | moist | buck brush | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0535 | 1218527 | moist | buck brush | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0536 | 1218528 | moist | buck brush | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0537 | 1218529 | moist | buck brush | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0538 | 1218530 | moist | buck brush | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0539 | 1218531 | moist | buck brush | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0540 | 1218532 | moist | buck brush | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0541 | 1218533 | moist | buck brush | ridge top | | 18-Jul-11 | | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|-----------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---------|
| 15-Jul-11 | Sam Snelling | OV-0542 | 1218534 | moist | buck brush | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0543 | 1218535 | moist | buck brush | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0544 | 1218536 | moist | buck brush | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0545 | 1218537 | moist | buck brush | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0546 | 1218538 | moist | buck brush | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0547 | 1218539 | moist | buck brush | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0548 | 1218540 | moist | buck brush | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0549 | 1218541 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0550 | 1218542 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0551 | 1218543 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0552 | 1218544 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0553 | 1218545 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0554 | 1218546 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0555 | 1218547 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0556 | 1218548 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0557 | 1218549 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0558 | 1218550 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0559 | 1218551 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0560 | 1218552 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0561 | 1218553 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0562 | 1218554 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0563 | 1218555 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0564 | 1218556 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0565 | 1218557 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0566 | 1218558 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0567 | 1218559 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0568 | 1218560 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0569 | 1218561 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0570 | 1218562 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Sam Snelling | OV-0571 | 1218563 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218601 | moist | evergreen forest | ridge top | 7 | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218602 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218603 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218604 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218605 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|-----------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---------|
| 13-Jul-11 | Thomas Barrette | | 1218606 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218607 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218608 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218609 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218610 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218611 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218612 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218613 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218614 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218615 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218616 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218617 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218618 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218619 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218620 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218621 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218622 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218623 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218624 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218625 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218626 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 13-Jul-11 | Thomas Barrette | | 1218627 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0196 | 1218628 | moist | evergreen forest | ridge top | 1 | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0195 | 1218629 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0194 | 1218630 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0193 | 1218631 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0192 | 1218632 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0191 | 1218633 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0190 | 1218634 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0189 | 1218635 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0188 | 1218636 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0187 | 1218637 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0186 | 1218638 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0185 | 1218639 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0184 | 1218640 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|-----------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---------|
| 14-Jul-11 | Thomas Barrette | OV-0183 | 1218641 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0182 | 1218642 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0181 | 1218643 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0180 | 1218644 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0179 | 1218645 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0178 | 1218646 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0177 | 1218647 | moist | evergreen forest | ridge top | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0176 | 1218648 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0175 | 1218649 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0174 | 1218650 | partially frozen | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0173 | 1218651 | partially frozen | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0172 | 1218652 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0171 | 1218653 | moist | evergreen forest | plateau | | 18-Jul-11 | | |
| 14-Jul-11 | Thomas Barrette | OV-0170 | 1218654 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0480 | 1218655 | moist | alpine | ridge top | 1 | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0481 | 1218656 | moist | alpine | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0482 | 1218657 | moist | alpine | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0483 | 1218658 | moist | alpine | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0484 | 1218659 | moist | alpine | ridge top | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0485 | 1218660 | moist | alpine | ridge top | 2 | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0486 | 1218661 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0487 | 1218662 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0488 | 1218663 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0489 | 1218664 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0490 | 1218665 | moist | evergreen forest | mid slope | 3 | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0491 | 1218666 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0492 | 1218667 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0493 | 1218668 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0494 | 1218669 | partially frozen | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0495 | 1218670 | moist | evergreen forest | mid slope | 4 | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0496 | 1218671 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0497 | 1218672 | partially frozen | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0498 | 1218673 | partially frozen | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0499 | 1218674 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0500 | 1218675 | moist | evergreen forest | mid slope | 5 | 18-Jul-11 | | |

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|-----------|-----------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---------|
| 15-Jul-11 | Thomas Barrette | OV-0501 | 1218676 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0502 | 1218677 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0503 | 1218678 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0504 | 1218679 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0505 | 1218680 | moist | evergreen forest | mid slope | 6 | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0506 | 1218681 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0507 | 1218682 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0508 | 1218683 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0509 | 1218684 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0510 | 1218685 | moist | evergreen forest | mid slope | 7 | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0511 | 1218686 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0512 | 1218687 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0513 | 1218688 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0514 | 1218689 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0515 | 1218690 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0516 | 1218691 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0517 | 1218692 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0518 | 1218693 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0519 | 1218694 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0520 | 1218695 | partially frozen | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0521 | 1218696 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Thomas Barrette | OV-0522 | 1218697 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0110 | 1218751 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0111 | 1218752 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0112 | 1218753 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0113 | 1218754 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0114 | 1218755 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0115 | 1218756 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0116 | 1218757 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0117 | 1218758 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0118 | 1218759 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0119 | 1218760 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0120 | 1218761 | wet | buck brush | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0121 | 1218762 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0122 | 1218763 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |

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|-----------|-----------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---------|
| 14-Jul-11 | Myles Rusk | OV-0123 | 1218764 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0124 | 1218765 | moist | buck brush | mid slope | | 18-Jul-11 | | |
| 14-Jul-11 | Myles Rusk | OV-0125 | 1218766 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0126 | 1218767 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0127 | 1218768 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0128 | 1218769 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0129 | 1218770 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0130 | 1218771 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0131 | 1218772 | dry | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0132 | 1218773 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0133 | 1218774 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0134 | 1218775 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0135 | 1218776 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0136 | 1218777 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0137 | 1218778 | wet | deciduous forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0138 | 1218779 | moist | deciduous forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0001 | 1218780 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0002 | 1218781 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0003 | 1218782 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0004 | 1218783 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0005 | 1218784 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0006 | 1218785 | wet | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0007 | 1218786 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0008 | 1218787 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0009 | 1218788 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0010 | 1218789 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0011 | 1218790 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 15-Jul-11 | Myles Rusk | OV-0012 | 1218791 | moist | evergreen forest | mid slope | | 18-Jul-11 | | |
| 26-Jul-11 | Thomas Barrette | OV-0805 | 1218858 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Thomas Barrette | OV-0806 | 1218859 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Thomas Barrette | OV-0807 | 1218860 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Thomas Barrette | OV-0808 | 1218861 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Thomas Barrette | OV-0809 | 1218862 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Thomas Barrette | OV-0810 | 1218863 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Thomas Barrette | OV-0811 | 1218864 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |

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|-----------|-----------------|---------------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---------|
| 26-Jul-11 | Thomas Barrette | OV-0812 | 1218865 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Thomas Barrette | OV-0813 | 1218866 | partially frozen | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Thomas Barrette | OV-0814 | 1218867 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Thomas Barrette | OV-0815 | 1218868 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Thomas Barrette | OV-0816 | 1218869 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Thomas Barrette | OV-0817 | 1218870 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Thomas Barrette | OV-0818 | 1218871 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Thomas Barrette | OV-0819 | 1218872 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Thomas Barrette | OV-0820 | 1218873 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Thomas Barrette | OV-0821 | 1218874 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Thomas Barrette | OV-0822 | 1218875 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Thomas Barrette | OV-0823 | 1218876 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Thomas Barrette | OV-0824 | 1218877 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218878 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218879 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218880 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218881 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218882 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218883 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218884 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218885 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218886 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218887 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218888 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218889 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218890 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218891 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218892 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218893 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218894 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218895 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218896 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218897 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218898 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218899 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|-----------------|---------------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|--|
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218900 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218901 | wet | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218902 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | James Henderson | OV-0835 | 1218951 | wet | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | James Henderson | OV-0836 | 1218952 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | missing horizon sampled description from field notes |
| 26-Jul-11 | James Henderson | OV-0837 | 1218953 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | James Henderson | OV-0838 | 1218954 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | James Henderson | OV-0839 | 1218955 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | James Henderson | OV-0840 | 1218956 | dry | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | James Henderson | OV-0841 | 1218957 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | James Henderson | OV-0842 | 1218958 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | James Henderson | OV-0843 | 1218959 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | James Henderson | OV-0844 | 1218960 | dry | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | James Henderson | OV-0845 | 1218961 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | James Henderson | OV-0846 | 1218962 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | James Henderson | OV-0847 | 1218963 | wet | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | James Henderson | OV-0848 | 1218964 | wet | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | James Henderson | OV-0849 | 1218965 | dry | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | James Henderson | OV-0850 | 1218966 | dry | buck brush | bench | | 28-Jul-11 | #3 | |
| 26-Jul-11 | James Henderson | OV-0851 | 1218967 | dry | buck brush | bench | | 28-Jul-11 | #3 | |
| 26-Jul-11 | James Henderson | OV-0852 | 1218968 | dry | buck brush | mid slope | | 28-Jul-11 | #3 | |
| | | | 1218969 | | | | | | | no sample taken |
| | | | 1218970 | | | | | | | no sample taken |
| 26-Jul-11 | James Henderson | OV-0853 | 1218971 | dry | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | James Henderson | OV-0854 | 1218972 | dry | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 23-Jul-11 | Andrew Blampin | OV-0693 | 1219123 | moist | alpine | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0694 | 1219124 | | | | | 24-Jul-11 | #2 | missing sample information in field book |
| 23-Jul-11 | Andrew Blampin | OV-0695 | 1219125 | moist | alpine | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0696 | 1219126 | moist | alpine | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0697 | 1219127 | dry | alpine | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0698 | 1219128 | dry | alpine | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0699 | 1219129 | dry | buck brush | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0700 | 1219130 | wet | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0701 | 1219131 | moist | buck brush | mid slope | | 24-Jul-11 | #2 | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|-------------------------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---------|
| 23-Jul-11 | Andrew Blampin | OV-0702 | 1219132 | moist | buck brush | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0703 | 1219133 | dry | buck brush | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0704 | 1219134 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0705 | 1219135 | dry | buck brush | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0706 | 1219136 | moist | buck brush | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0707 | 1219137 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0708 | 1219138 | moist | buck brush | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0709 | 1219139 | moist | buck brush | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0710 | 1219140 | wet | buck brush | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0711 | 1219141 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0712 | 1219142 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0713 | 1219143 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0714 | 1219144 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0715 | 1219145 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0716 | 1219146 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0717 | 1219147 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0718 | 1219148 | moist | evergreen forest | bench | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0719 | 1219149 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0720 | 1219150 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0721 | 1219151 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0722 | 1219152 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0723 | 1219153 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0724 | 1219154 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0725 | 1219155 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0726 | 1219156 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0727 | 1219157 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0728 | 1219158 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0729 | 1219159 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Andrew Blampin | OV-0730 | 1219160 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0069 | 1219161 | dry | deciduous forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0070 | 1219162 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0071 | 1219163 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0072 | 1219164 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0073 | 1219165 | wet | deciduous forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0074 | 1219166 | moist | deciduous forest | mid slope | | 28-Jul-11 | #3 | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|-------------------------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---|
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0075 | 1219167 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0076 | 1219168 | moist | deciduous forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0077 | 1219169 | moist | deciduous forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0078 | 1219170 | moist | deciduous forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0079 | 1219171 | moist | deciduous forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0080 | 1219172 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0081 | 1219173 | moist | deciduous forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0082 | 1219174 | moist | deciduous forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0083 | 1219175 | moist | deciduous forest | mid slope | | 28-Jul-11 | #3 | missing sample description in field notes |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0084 | 1219176 | moist | deciduous forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0085 | 1219177 | moist | deciduous forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0086 | 1219178 | | | | | 28-Jul-11 | #3 | missing sample description in field notes |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0087 | 1219179 | moist | deciduous forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0088 | 1219180 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0089 | 1219181 | moist | evergreen forest | bench | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0731 | 1219182 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0732 | 1219183 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0733 | 1219184 | dry | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0734 | 1219185 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0735 | 1219186 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0736 | 1219187 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0737 | 1219188 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0738 | 1219189 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0739 | 1219190 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0740 | 1219191 | | | | | 28-Jul-11 | #3 | missing sample description in field notes |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0741 | 1219192 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0742 | 1219193 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0743 | 1219194 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0744 | 1219195 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0745 | 1219196 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0746 | 1219197 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0747 | 1219198 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0748 | 1219199 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0749 | 1219200 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0750 | 1219201 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|----------------------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---|
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0751 | 1219202 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0752 | 1219203 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0753 | 1219204 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0754 | 1219205 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0755 | 1219206 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0756 | 1219207 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0757 | 1219208 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0758 | 1219209 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0759 | 1219210 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0825 | 1219211 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0826 | 1219212 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0827 | 1219213 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0828 | 1219214 | moist | evergreen forest | plateau | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0829 | 1219215 | moist | evergreen forest | plateau | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0830 | 1219216 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0831 | 1219217 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0832 | 1219218 | moist | buck brush | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0833 | 1219219 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | missing sample depth description from field notes |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0834 | 1219220 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0835 | 1219221 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Andrew Blampin | OV-0935 | 1219222 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Andrew Blampin | OV-0936 | 1219223 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Andrew Blampin | OV-0937 | 1219224 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Andrew Blampin | OV-0938 | 1219225 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Andrew Blampin | OV-0939 | 1219226 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Andrew Blampin | OV-0940 | 1219227 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Andrew Blampin | OV-0941 | 1219228 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Andrew Blampin | OV-0942 | 1219229 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Andrew Blampin | OV-0943 | 1219230 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Andrew Blampin | OV-0944 | 1219231 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Andrew Blampin | OV-0945 | 1219232 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Andrew Blampin | OV-0946 | 1219233 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Andrew Blampin | OV-0947 | 1219234 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Andrew Blampin | OV-0948 | 1219235 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|----------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---|
| 26-Jul-11 | Andrew Blampin | OV-0949 | 1219236 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Andrew Blampin | OV-0950 | 1219237 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Andrew Blampin | OV-0951 | 1219238 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Andrew Blampin | OV-0952 | 1219239 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Andrew Blampin | OV-0953 | 1219240 | moist | deciduous forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Andrew Blampin | OV-0954 | 1219241 | moist | deciduous forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Andrew Blampin | OV-0955 | 1219242 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Andrew Blampin | OV-0956 | 1219243 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Andrew Blampin | OV-0957 | 1219244 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Andrew Blampin | OV-0958 | 1219245 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Andrew Blampin | OV-0959 | 1219246 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 23-Jul-11 | Alec McAlister | OV-0597 | 1219351 | dry | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0599 | 1219352 | dry | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0601 | 1219353 | dry | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0603 | 1219354 | dry | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0605 | 1219355 | dry | alpine | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0607 | 1219356 | | alpine | mid slope | | 24-Jul-11 | #2 | missing moisture content description from field notes |
| 23-Jul-11 | Alec McAlister | OV-0609 | 1219357 | dry | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0611 | 1219358 | dry | alpine | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0613 | 1219359 | dry | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0615 | 1219360 | dry | evergreen forest | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0617 | 1219361 | dry | alpine | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0619 | 1219362 | dry | evergreen forest | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0621 | 1219363 | dry | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0623 | 1219364 | dry | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0625 | 1219365 | dry | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0627 | 1219366 | dry | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0629 | 1219367 | dry | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0631 | 1219368 | moist | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0633 | 1219369 | dry | alpine | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0635 | 1219370 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0637 | 1219371 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0639 | 1219372 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0641 | 1219373 | dry | alpine | mid slope | | 24-Jul-11 | #2 | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|----------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---|
| 23-Jul-11 | Alec McAlister | OV-0643 | 1219374 | dry | alpine | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0645 | 1219375 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0647 | 1219376 | dry | alpine | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0649 | 1219377 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0651 | 1219378 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0653 | 1219379 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0655 | 1219380 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0657 | 1219381 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0659 | 1219382 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | missing sample composition description from field notes |
| 23-Jul-11 | Alec McAlister | OV-0661 | 1219383 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | missing coordinates from field book and gps imports, coordinates estimated based on surrounding samples |
| 23-Jul-11 | Alec McAlister | OV-0663 | 1219384 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0665 | 1219385 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | missing sample depth description from field notes |
| 23-Jul-11 | Alec McAlister | OV-0667 | 1219386 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0669 | 1219387 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0671 | 1219388 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0673 | 1219389 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0675 | 1219390 | dry | alpine | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0677 | 1219391 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0679 | 1219392 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0681 | 1219393 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0683 | 1219394 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0685 | 1219395 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0687 | 1219396 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | missing sample colour description from field notes |
| 23-Jul-11 | Alec McAlister | OV-0689 | 1219397 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Alec McAlister | OV-0691 | 1219398 | dry | evergreen forest | mid slope | | 24-Jul-11 | #2 | |
| 26-Jul-11 | Alec McAlister | OV-0858 | 1219401 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Alec McAlister | OV-0859 | 1219402 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Alec McAlister | OV-0860 | 1219403 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Alec McAlister | OV-0861 | 1219404 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Alec McAlister | OV-0862 | 1219405 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Alec McAlister | OV-0863 | 1219406 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Alec McAlister | OV-0864 | 1219407 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|----------------|---------------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|--|
| 26-Jul-11 | Alec McAlister | OV-0865 | 1219408 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Alec McAlister | OV-0866 | 1219409 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Alec McAlister | OV-0867 | 1219410 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Alec McAlister | OV-0868 | 1219411 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Alec McAlister | OV-0869 | 1219412 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Alec McAlister | OV-0870 | 1219413 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Alec McAlister | OV-0871 | 1219414 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Alec McAlister | OV-0872 | 1219415 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Alec McAlister | OV-0873 | 1219416 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Alec McAlister | OV-0874 | 1219417 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Alec McAlister | OV-0875 | 1219418 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Alec McAlister | OV-0876 | 1219419 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Alec McAlister | OV-0877 | 1219420 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Alec McAlister | OV-0878 | 1219421 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Alec McAlister | OV-0879 | 1219422 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Alec McAlister | OV-0880 | 1219423 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Alec McAlister | OV-0881 | 1219424 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Alec McAlister | OV-0882 | 1219425 | dry | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Alec McAlister | OV-0883 | 1219426 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219501 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219502 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219503 | | evergreen forest | mid slope | | 28-Jul-11 | #3 | no moisture content description in field notes |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219504 | wet | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219505 | wet | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219506 | wet | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219507 | moist | deciduous forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219508 | moist | evergreen forest | bench | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219509 | wet | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219510 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219511 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219512 | moist | deciduous forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219513 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219514 | moist | deciduous forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219515 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219516 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|----------------|---------------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---|
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219517 | moist | deciduous forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219518 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219519 | wet | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219520 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219521 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219522 | wet | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219523 | wet | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219524 | wet | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219525 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0898 | 1219551 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0899 | 1219552 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0900 | 1219553 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0901 | 1219554 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0902 | 1219555 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0903 | 1219556 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | sample was almost a pink shade of brown |
| 26-Jul-11 | Ryan West | OV-0904 | 1219557 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0905 | 1219558 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0906 | 1219559 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0907 | 1219560 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0908 | 1219561 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 26-Jul-11 | Ryan West | OV-0909 | 1219562 | moist | evergreen forest | mid slope | | 28-Jul-11 | #3 | |
| 22-Jul-11 | Kevin Trudel | OV-0421 | 1219651 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0422 | 1219652 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0423 | 1219653 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0424 | 1219654 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0425 | 1219655 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0426 | 1219656 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0427 | 1219657 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0428 | 1219658 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0429 | 1219659 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0430 | 1219660 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0431 | 1219661 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0432 | 1219662 | frozen | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0433 | 1219663 | partially frozen | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0434 | 1219664 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|--------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|-------------------------------------|
| 22-Jul-11 | Kevin Trudel | OV-0435 | 1219665 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0436 | 1219666 | frozen | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0437 | 1219667 | frozen | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0438 | 1219668 | wet | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0439 | 1219669 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0440 | 1219670 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0441 | 1219671 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0442 | 1219672 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0443 | 1219673 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0444 | 1219674 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0445 | 1219675 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0446 | 1219676 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0447 | 1219677 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0448 | 1219678 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0449 | 1219679 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0450 | 1219680 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0451 | 1219681 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0452 | 1219682 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0453 | 1219683 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0454 | 1219684 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0455 | 1219685 | moist | buck brush | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0456 | 1219686 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0457 | 1219687 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0458 | 1219688 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0459 | 1219689 | moist | alpine | ridge top | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 22-Jul-11 | Kevin Trudel | OV-0460 | 1219690 | moist | alpine | mid slope | | 26-Jul-11 | | sample shipped to lab under Arizona |
| 23-Jul-11 | Kevin Trudel | OV-0960 | 1219691 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0961 | 1219692 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0962 | 1219693 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0963 | 1219694 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0964 | 1219695 | moist | alpine | ridge top | 1 | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0965 | 1219696 | dry | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0966 | 1219697 | dry | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0967 | 1219698 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0968 | 1219699 | dry | alpine | ridge top | | 24-Jul-11 | #2 | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|--------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---------|
| 23-Jul-11 | Kevin Trudel | OV-0969 | 1219700 | moist | alpine | ridge top | 2 | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0970 | 1219701 | wet | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0971 | 1219702 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0972 | 1219703 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0973 | 1219704 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0974 | 1219705 | moist | alpine | ridge top | 3 | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0975 | 1219706 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0976 | 1219707 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0977 | 1219708 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0978 | 1219709 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0979 | 1219710 | moist | alpine | ridge top | 4 | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0980 | 1219711 | wet | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0981 | 1219712 | wet | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0982 | 1219713 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0983 | 1219714 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0984 | 1219715 | moist | alpine | ridge top | 5 | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0985 | 1219716 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0986 | 1219717 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0987 | 1219718 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0988 | 1219719 | moist | buck brush | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0989 | 1219720 | moist | buck brush | ridge top | 6 | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0990 | 1219721 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0991 | 1219722 | moist | buck brush | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0992 | 1219723 | moist | buck brush | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0993 | 1219724 | moist | buck brush | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0994 | 1219725 | wet | buck brush | ridge top | 7 | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0995 | 1219726 | moist | buck brush | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0996 | 1219727 | moist | buck brush | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0997 | 1219728 | moist | buck brush | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0998 | 1219729 | moist | buck brush | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-0999 | 1219730 | moist | buck brush | ridge top | 8 | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-1000 | 1219731 | moist | alpine | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-1001 | 1219732 | moist | buck brush | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-1002 | 1219733 | moist | buck brush | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-1003 | 1219734 | moist | buck brush | ridge top | | 24-Jul-11 | #2 | |

| Date | Soil Sampler | Station | Lab Tag Number | Moisture Content | Vegetation Cover | Topo Position | Photograph Number | Date Shipped | Shipping Number | Comment |
|-----------|--------------|---------|----------------|------------------|------------------|---------------|-------------------|--------------|-----------------|---------|
| 23-Jul-11 | Kevin Trudel | OV-1004 | 1219735 | moist | buck brush | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-1005 | 1219736 | moist | buck brush | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-1006 | 1219737 | moist | buck brush | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-1007 | 1219738 | moist | buck brush | ridge top | | 24-Jul-11 | #2 | |
| 23-Jul-11 | Kevin Trudel | OV-1008 | 1219739 | moist | buck brush | ridge top | | 24-Jul-11 | #2 | |



| |
|--------------------|
| Property: |
| Project Geologist: |
| GPS Datum & Zone: |
| Lab: |

| Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | |
| PPM | PPM | PPM | PPM | PPM | PPM | PPM | PPM | % | PPM | PPM | PPB | PPM | PPM | |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm |
|-----------|----------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 27-Jul-11 | Michael Glynn | | 1207751 | 1207751 | WHI11000989 | 1DX15 | 3.1 | 506 | 56.5 | 164 | 3.6 | 9.4 | 3.8 | 175 | 17.37 | 227.9 | 22.1 | 10 | 11 |
| 9-Jul-11 | Andrew Blampin | | 1217001 | 1217001 | WHI11000809 | 1DX15 | 0.6 | 26.3 | 20.1 | 72 | 0.1 | 22.7 | 8.7 | 337 | 2.92 | 22.6 | 3.4 | 8 | 36 |
| 9-Jul-11 | Andrew Blampin | | 1217002 | 1217002 | WHI11000809 | 1DX15 | 0.8 | 27.2 | 18.8 | 74 | 0.1 | 26 | 10.4 | 375 | 2.92 | 15.5 | 7.2 | 12.5 | 18 |
| 9-Jul-11 | Andrew Blampin | | 1217003 | 1217003 | WHI11000809 | 1DX15 | 1.1 | 29.8 | 18.4 | 76 | 0.1 | 26.4 | 10.5 | 399 | 2.85 | 24.1 | 3.6 | 10.6 | 23 |
| 9-Jul-11 | Andrew Blampin | | 1217004 | 1217004 | WHI11000809 | 1DX15 | 0.9 | 30.2 | 17.8 | 74 | <0.1 | 30.9 | 12 | 754 | 2.96 | 20.4 | 3.2 | 13.4 | 18 |
| 9-Jul-11 | Andrew Blampin | | 1217005 | 1217005 | WHI11000809 | 1DX15 | 0.7 | 31.8 | 21.2 | 82 | 0.1 | 26.8 | 11.7 | 408 | 3.13 | 26 | 8.4 | 13.6 | 22 |
| 9-Jul-11 | Andrew Blampin | | 1217006 | 1217006 | WHI11000809 | 1DX15 | 0.8 | 30.1 | 17.4 | 80 | 0.1 | 26.9 | 11.6 | 405 | 2.88 | 34.7 | 4.3 | 12.3 | 23 |
| 9-Jul-11 | Andrew Blampin | | 1217007 | 1217007 | WHI11000809 | 1DX15 | 0.8 | 29.2 | 18.1 | 78 | 0.1 | 26.9 | 11.7 | 444 | 2.73 | 38.8 | 9.5 | 11.4 | 23 |
| 9-Jul-11 | Andrew Blampin | | 1217008 | 1217008 | WHI11000809 | 1DX15 | 0.8 | 23.2 | 14.4 | 59 | <0.1 | 21.4 | 8.5 | 220 | 2.52 | 29.6 | 4.5 | 8.2 | 10 |
| 9-Jul-11 | Andrew Blampin | | 1217009 | 1217009 | WHI11000809 | 1DX15 | 0.5 | 28.7 | 15.8 | 70 | 0.1 | 24.7 | 10.3 | 362 | 2.75 | 32.4 | 3.9 | 11.2 | 19 |
| 9-Jul-11 | Andrew Blampin | | 1217010 | 1217010 | WHI11000809 | 1DX15 | 0.7 | 32.2 | 16.4 | 83 | 0.1 | 28.3 | 12 | 468 | 2.88 | 53 | 5.6 | 10.6 | 25 |
| 9-Jul-11 | Andrew Blampin | | 1217011 | 1217011 | WHI11000809 | 1DX15 | 0.5 | 23.9 | 17.5 | 63 | <0.1 | 23.6 | 10.5 | 291 | 2.7 | 23.8 | 9.6 | 12 | 15 |
| 9-Jul-11 | Andrew Blampin | | 1217012 | 1217012 | WHI11000809 | 1DX15 | 0.7 | 18.7 | 13.1 | 56 | <0.1 | 20.6 | 8.8 | 264 | 2.57 | 23.8 | 21.8 | 6.7 | 12 |
| 9-Jul-11 | Andrew Blampin | | 1217013 | 1217013 | WHI11000809 | 1DX15 | 0.5 | 38.4 | 15.1 | 65 | <0.1 | 34.3 | 15.8 | 349 | 3.31 | 192 | 17.3 | 18.8 | 30 |
| 9-Jul-11 | Andrew Blampin | | 1217014 | 1217014 | WHI11000809 | 1DX15 | 0.6 | 27.1 | 9 | 42 | <0.1 | 25 | 9.7 | 427 | 2.38 | 9 | 2.7 | 12.5 | 14 |
| 9-Jul-11 | Andrew Blampin | | 1217015 | 1217015 | WHI11000809 | 1DX15 | 1.1 | 31.9 | 17.7 | 64 | 0.1 | 31.7 | 11.6 | 334 | 3.78 | 16.4 | 2.8 | 13.2 | 15 |
| 9-Jul-11 | Andrew Blampin | | 1217016 | 1217016 | WHI11000809 | 1DX15 | 1.3 | 21.2 | 10.2 | 44 | <0.1 | 15.6 | 4.9 | 210 | 3.23 | 6.2 | 1.1 | 6.9 | 10 |
| 9-Jul-11 | Andrew Blampin | | 1217017 | 1217017 | WHI11000809 | 1DX15 | 1 | 40.9 | 18.1 | 95 | <0.1 | 48.3 | 19.5 | 535 | 4.7 | 16.4 | 3.2 | 18.3 | 19 |
| 9-Jul-11 | Andrew Blampin | | 1217018 | 1217018 | WHI11000809 | 1DX15 | 1 | 40.8 | 21.7 | 86 | <0.1 | 35.7 | 14.2 | 312 | 4.21 | 6.9 | 2.3 | 20.1 | 18 |
| 9-Jul-11 | Andrew Blampin | | 1217019 | 1217019 | WHI11000809 | 1DX15 | 1.2 | 49.3 | 20.4 | 68 | <0.1 | 28.3 | 13.4 | 316 | 3.88 | 7.5 | 0.6 | 16.6 | 16 |
| 9-Jul-11 | Andrew Blampin | | 1217020 | 1217020 | WHI11000809 | 1DX15 | 1 | 34.1 | 15.8 | 60 | <0.1 | 34.1 | 10 | 269 | 3.24 | 10 | 1.9 | 12.7 | 11 |
| 9-Jul-11 | Andrew Blampin | | 1217021 | 1217021 | WHI11000758 | 1DX15 | 1.4 | 49.7 | 18 | 86 | 0.1 | 46.4 | 22.3 | 416 | 4.57 | 20.1 | 1 | 16.6 | 34 |
| 9-Jul-11 | Andrew Blampin | | 1217022 | 1217022 | WHI11000758 | 1DX15 | 0.9 | 34.4 | 14.1 | 78 | <0.1 | 37 | 17.8 | 432 | 3.54 | 11 | 0.7 | 12.4 | 14 |
| 9-Jul-11 | Andrew Blampin | | 1217023 | 1217023 | WHI11000758 | 1DX15 | 1.6 | 46.1 | 30.9 | 82 | <0.1 | 49 | 23 | 688 | 4.01 | 5.8 | 2.7 | 13.1 | 21 |
| 9-Jul-11 | Andrew Blampin | | 1217024 | 1217024 | WHI11000758 | 1DX15 | 0.9 | 23.7 | 9 | 46 | <0.1 | 21.7 | 9.4 | 206 | 2.42 | 14.3 | 4.6 | 8.1 | 10 |
| 9-Jul-11 | Andrew Blampin | | 1217025 | 1217025 | WHI11000758 | 1DX15 | 1.2 | 37.9 | 11.6 | 76 | <0.1 | 40.4 | 20.3 | 349 | 3.56 | 11.6 | 2.4 | 11.6 | 16 |
| 9-Jul-11 | Andrew Blampin | | 1217026 | 1217026 | WHI11000758 | 1DX15 | 0.9 | 28.9 | 14.2 | 57 | <0.1 | 24.8 | 9.6 | 334 | 2.58 | 36.6 | 4.1 | 8.9 | 14 |
| 15-Jul-11 | Andrew Blampin | OV-0040 | 1217029 | 1217029 | WHI11000758 | 1DX15 | 1.6 | 32.9 | 8.8 | 90 | <0.1 | 26.2 | 8.2 | 295 | 2.13 | 10.3 | 0.9 | 3.4 | 21 |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|----------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 15-Jul-11 | Andrew Blampin | OV-0041 | 1217030 | 1217030 | WHI11000758 | 1DX15 | 0.9 | 14.2 | 7.7 | 35 | <0.1 | 13.7 | 5.3 | 115 | 2.07 | 11.5 | 1.4 | 2.7 | 5 | |
| 15-Jul-11 | Andrew Blampin | OV-0042 | 1217031 | 1217031 | WHI11000758 | 1DX15 | 0.2 | 17.4 | 12.6 | 36 | <0.1 | 12.6 | 7.6 | 299 | 1.89 | 2.4 | 1.3 | 5.1 | 3 | |
| 15-Jul-11 | Andrew Blampin | OV-0043 | 1217032 | 1217032 | WHI11000758 | 1DX15 | 0.4 | 30.4 | 4.7 | 63 | <0.1 | 30 | 12.3 | 452 | 3.16 | 5.7 | 0.8 | 17 | 8 | |
| 15-Jul-11 | Andrew Blampin | OV-0044 | 1217033 | 1217033 | WHI11000758 | 1DX15 | 0.7 | 22.4 | 13.2 | 58 | <0.1 | 22.3 | 10.8 | 378 | 2.36 | 6.2 | 4.7 | 10.6 | 6 | |
| 15-Jul-11 | Andrew Blampin | OV-0045 | 1217034 | 1217034 | WHI11000758 | 1DX15 | 1.1 | 30.7 | 14.7 | 74 | <0.1 | 35 | 15.7 | 498 | 2.86 | 6.4 | 1.8 | 14.2 | 11 | |
| 15-Jul-11 | Andrew Blampin | OV-0046 | 1217035 | 1217035 | WHI11000758 | 1DX15 | 0.6 | 24.4 | 11.9 | 51 | <0.1 | 19.8 | 8.4 | 313 | 2.04 | 8.7 | 1.6 | 7 | 6 | |
| 15-Jul-11 | Andrew Blampin | OV-0047 | 1217036 | 1217036 | WHI11000758 | 1DX15 | 0.9 | 26.9 | 20.7 | 57 | <0.1 | 24.1 | 10.7 | 297 | 2.58 | 7.5 | 2.4 | 11.9 | 7 | |
| 15-Jul-11 | Andrew Blampin | OV-0048 | 1217037 | 1217037 | WHI11000758 | 1DX15 | 0.8 | 37.9 | 16.8 | 83 | <0.1 | 38.6 | 18.4 | 643 | 3.63 | 8.2 | 0.7 | 14.1 | 18 | |
| 15-Jul-11 | Andrew Blampin | OV-0049 | 1217038 | 1217038 | WHI11000758 | 1DX15 | 0.7 | 25.6 | 14.6 | 53 | <0.1 | 21.2 | 9.7 | 389 | 2.32 | 8.4 | 2.3 | 4.5 | 7 | |
| 15-Jul-11 | Andrew Blampin | OV-0050 | 1217039 | 1217039 | WHI11000758 | 1DX15 | 0.6 | 29 | 15.5 | 58 | <0.1 | 22 | 10.9 | 353 | 2.35 | 8.2 | 1.8 | 8.8 | 7 | |
| 15-Jul-11 | Andrew Blampin | OV-0051 | 1217040 | 1217040 | WHI11000758 | 1DX15 | 0.7 | 29.2 | 14.4 | 57 | <0.1 | 20.6 | 9.8 | 234 | 2.45 | 7 | 1.4 | 10.6 | 6 | |
| 15-Jul-11 | Andrew Blampin | OV-0052 | 1217041 | 1217041 | WHI11000758 | 1DX15 | 0.5 | 21.5 | 15.7 | 53 | <0.1 | 17.2 | 6.9 | 189 | 2.42 | 14.1 | 1.8 | 11.6 | 5 | |
| 15-Jul-11 | Andrew Blampin | OV-0053 | 1217042 | 1217042 | WHI11000758 | 1DX15 | 0.6 | 27.6 | 16.1 | 54 | <0.1 | 21.2 | 9.1 | 340 | 2.15 | 19.6 | 2.4 | 8.8 | 5 | |
| 15-Jul-11 | Andrew Blampin | OV-0054 | 1217043 | 1217043 | WHI11000758 | 1DX15 | 0.7 | 19.2 | 9.8 | 43 | <0.1 | 16.9 | 6.2 | 142 | 1.94 | 10.6 | 2.9 | 5.4 | 5 | |
| 15-Jul-11 | Andrew Blampin | OV-0055 | 1217044 | 1217044 | WHI11000758 | 1DX15 | 0.5 | 20.9 | 12.2 | 48 | <0.1 | 19.7 | 7.8 | 184 | 2.35 | 16.8 | 3.2 | 8.6 | 5 | |
| 15-Jul-11 | Andrew Blampin | OV-0056 | 1217045 | 1217045 | WHI11000758 | 1DX15 | 0.8 | 22.1 | 9.8 | 46 | <0.1 | 19.8 | 8.1 | 284 | 1.96 | 18.4 | 1.9 | 6.4 | 7 | |
| 15-Jul-11 | Andrew Blampin | OV-0057 | 1217046 | 1217046 | WHI11000758 | 1DX15 | 0.8 | 14.6 | 10.2 | 39 | <0.1 | 16.6 | 7.2 | 173 | 1.94 | 13.4 | 4.1 | 3.4 | 4 | |
| 15-Jul-11 | Andrew Blampin | OV-0058 | 1217047 | 1217047 | WHI11000758 | 1DX15 | 0.2 | 19.2 | 21 | 50 | <0.1 | 15.6 | 8 | 260 | 1.9 | <0.5 | <0.5 | 15.7 | 9 | |
| 15-Jul-11 | Andrew Blampin | OV-0059 | 1217048 | 1217048 | WHI11000758 | 1DX15 | 0.9 | 8.1 | 7.8 | 46 | <0.1 | 14 | 5.4 | 199 | 2.2 | 6.9 | 1 | 3.4 | 8 | |
| 15-Jul-11 | Andrew Blampin | OV-0060 | 1217049 | 1217049 | WHI11000758 | 1DX15 | 0.7 | 20.1 | 10.3 | 37 | <0.1 | 20.7 | 7.6 | 136 | 2.08 | 10.7 | 6.3 | 5.3 | 6 | |
| 15-Jul-11 | Andrew Blampin | OV-0061 | 1217050 | 1217050 | WHI11000758 | 1DX15 | 0.5 | 33.2 | 12.5 | 78 | <0.1 | 39.5 | 17.8 | 643 | 3.43 | 10.7 | 1.4 | 13 | 8 | |
| 15-Jul-11 | Andrew Blampin | OV-0062 | 1217051 | 1217051 | WHI11000758 | 1DX15 | 0.4 | 35.7 | 5.3 | 55 | <0.1 | 27.4 | 11.8 | 312 | 2.92 | 6.8 | 1.4 | 10.2 | 7 | |
| 15-Jul-11 | Andrew Blampin | OV-0063 | 1217052 | 1217052 | WHI11000758 | 1DX15 | 0.4 | 45.6 | 8.8 | 76 | <0.1 | 38.8 | 18.8 | 547 | 3.46 | 16.5 | 1.3 | 16.5 | 8 | |
| 15-Jul-11 | Andrew Blampin | OV-0064 | 1217053 | 1217053 | WHI11000758 | 1DX15 | 0.6 | 14.7 | 6.8 | 40 | <0.1 | 15.8 | 7.9 | 344 | 1.56 | 12.9 | 1.6 | 3.9 | 9 | |
| 15-Jul-11 | Andrew Blampin | OV-0065 | 1217054 | 1217054 | WHI11000758 | 1DX15 | 1 | 18.9 | 9.2 | 47 | <0.1 | 19.8 | 6.8 | 143 | 2 | 15.9 | 2.1 | 3.4 | 5 | |
| 15-Jul-11 | Andrew Blampin | OV-0066 | 1217055 | 1217055 | WHI11000758 | 1DX15 | 0.9 | 25.9 | 10.5 | 54 | <0.1 | 21.6 | 8.8 | 253 | 2.26 | 16.1 | 5.5 | 5.1 | 7 | |
| 15-Jul-11 | Andrew Blampin | OV-0067 | 1217056 | 1217056 | WHI11000758 | 1DX15 | 1.1 | 13.2 | 10.8 | 37 | <0.1 | 13.4 | 5.8 | 168 | 2.12 | 14.4 | 1.7 | 3.8 | 4 | |
| 15-Jul-11 | Andrew Blampin | OV-0068 | 1217057 | 1217057 | WHI11000758 | 1DX15 | 0.6 | 20.6 | 6.7 | 38 | <0.1 | 15.8 | 5.7 | 232 | 1.38 | 13.4 | 2 | 3.4 | 9 | |
| 15-Jul-11 | Andrew Blampin | | 1217058 | 1217058 | WHI11000758 | 1DX15 | 1.1 | 8.7 | 8.7 | 39 | <0.1 | 11.3 | 4.4 | 150 | 1.88 | 11.9 | 60.1 | 2.9 | 6 | |
| 15-Jul-11 | Andrew Blampin | | 1217059 | 1217059 | WHI11000758 | 1DX15 | 1.9 | 32.8 | 7.5 | 92 | 0.3 | 36.4 | 14.3 | 472 | 3.06 | 6.2 | 2.1 | 1.6 | 96 | |
| 15-Jul-11 | Andrew Blampin | | 1217060 | 1217060 | WHI11000758 | 1DX15 | 1.8 | 27.7 | 6.3 | 96 | 0.2 | 37.7 | 16.5 | 472 | 3.55 | 5.5 | 5.3 | 1.2 | 77 | |
| 8-Jul-11 | Conner McKay | | 1217151 | 1217151 | WHI11000757 | 1DX15 | 0.5 | 30.6 | 16.4 | 77 | <0.1 | 26.7 | 12.2 | 458 | 3.27 | 59.2 | 41.2 | 17.2 | 17 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|----------|--------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 8-Jul-11 | Conner McKay | | 1217152 | 1217152 | WHI11000757 | 1DX15 | 0.6 | 23.8 | 14.7 | 62 | <0.1 | 23.7 | 8.6 | 308 | 2.6 | 50.7 | 40.7 | 11.5 | 30 | |
| 8-Jul-11 | Conner McKay | | 1217153 | 1217153 | WHI11000757 | 1DX15 | 0.5 | 18.1 | 12.1 | 57 | <0.1 | 17.3 | 7.8 | 339 | 1.93 | 9 | 3.1 | 7.3 | 35 | |
| 8-Jul-11 | Conner McKay | | 1217154 | 1217154 | WHI11000757 | 1DX15 | 0.5 | 34.1 | 15.7 | 92 | <0.1 | 30.9 | 12.4 | 443 | 3.49 | 9.5 | 1.9 | 17.5 | 17 | |
| 8-Jul-11 | Conner McKay | | 1217155 | 1217155 | WHI11000757 | 1DX15 | 0.6 | 19.5 | 11.7 | 55 | <0.1 | 17.5 | 7.4 | 309 | 2.03 | 14.2 | 4.4 | 9.1 | 21 | |
| 8-Jul-11 | Conner McKay | | 1217156 | 1217156 | WHI11000757 | 1DX15 | 0.6 | 18 | 14.9 | 50 | <0.1 | 16.9 | 9.8 | 442 | 2.25 | 8.4 | 3.1 | 7.4 | 36 | |
| 8-Jul-11 | Conner McKay | | 1217157 | 1217157 | WHI11000757 | 1DX15 | 0.6 | 25.5 | 17.4 | 57 | <0.1 | 20.6 | 8.8 | 375 | 2.8 | 7.9 | <0.5 | 10.3 | 8 | |
| 8-Jul-11 | Conner McKay | | 1217158 | 1217158 | WHI11000757 | 1DX15 | 0.7 | 16 | 13.2 | 45 | <0.1 | 16.2 | 8 | 503 | 2.07 | 10.7 | 1 | 7.1 | 12 | |
| 8-Jul-11 | Conner McKay | | 1217159 | 1217159 | WHI11000757 | 1DX15 | 0.7 | 18.9 | 12.8 | 45 | <0.1 | 18.6 | 7 | 162 | 2.05 | 9.5 | 1.8 | 7.2 | 13 | |
| 8-Jul-11 | Conner McKay | | 1217160 | 1217160 | WHI11000757 | 1DX15 | 0.4 | 25.2 | 14 | 59 | 0.1 | 23.3 | 9.5 | 460 | 2.43 | 12 | 0.7 | 10.2 | 13 | |
| 8-Jul-11 | Conner McKay | | 1217161 | 1217161 | WHI11000757 | 1DX15 | 0.6 | 6.9 | 10.8 | 33 | <0.1 | 12.3 | 5.2 | 82 | 1.64 | 6.4 | 3.8 | 4.4 | 6 | |
| 8-Jul-11 | Conner McKay | | 1217162 | 1217162 | WHI11000757 | 1DX15 | 0.6 | 19.6 | 12.1 | 43 | <0.1 | 22.9 | 7.5 | 413 | 1.96 | 9.8 | 1.7 | 5.3 | 25 | |
| 8-Jul-11 | Conner McKay | | 1217163 | 1217163 | WHI11000757 | 1DX15 | 0.5 | 13 | 10.2 | 39 | <0.1 | 13.6 | 6.5 | 355 | 1.46 | 6.9 | 1.2 | 3.5 | 42 | |
| 8-Jul-11 | Conner McKay | | 1217164 | 1217164 | WHI11000757 | 1DX15 | 0.7 | 13.7 | 13.4 | 41 | <0.1 | 16.2 | 6.3 | 174 | 1.88 | 7.2 | 1.4 | 6.7 | 26 | |
| 8-Jul-11 | Conner McKay | | 1217165 | 1217165 | WHI11000757 | 1DX15 | 0.8 | 17.5 | 12.7 | 56 | 0.1 | 23.5 | 9.1 | 300 | 2.33 | 7.5 | 1.5 | 7.1 | 33 | |
| 8-Jul-11 | Conner McKay | | 1217166 | 1217166 | WHI11000757 | 1DX15 | 0.4 | 14.9 | 11.1 | 38 | <0.1 | 16.3 | 6.8 | 309 | 1.65 | 5.3 | 2.4 | 4.7 | 56 | |
| 8-Jul-11 | Conner McKay | | 1217167 | 1217167 | WHI11000757 | 1DX15 | 0.3 | 16 | 11.6 | 56 | <0.1 | 16.8 | 7.6 | 285 | 1.72 | 6.3 | 0.5 | 5.7 | 70 | |
| 8-Jul-11 | Conner McKay | | 1217168 | 1217168 | WHI11000757 | 1DX15 | 0.4 | 17 | 11.7 | 49 | <0.1 | 18 | 7.4 | 338 | 1.73 | 13.1 | 0.5 | 5.5 | 51 | |
| 8-Jul-11 | Conner McKay | | 1217169 | 1217169 | WHI11000757 | 1DX15 | 0.4 | 19.4 | 11.8 | 48 | <0.1 | 19.6 | 7.5 | 275 | 1.85 | 11.3 | 1.9 | 6.1 | 34 | |
| 8-Jul-11 | Conner McKay | | 1217170 | 1217170 | WHI11000757 | 1DX15 | 0.5 | 20.1 | 12.3 | 51 | <0.1 | 21.6 | 8.4 | 339 | 2.07 | 9.5 | 2 | 7.2 | 34 | |
| 8-Jul-11 | Conner McKay | | 1217171 | 1217171 | WHI11000757 | 1DX15 | 0.7 | 21.7 | 12.8 | 47 | <0.1 | 21.5 | 8.3 | 358 | 2.15 | 14.6 | 4.9 | 5.2 | 47 | |
| 8-Jul-11 | Conner McKay | | 1217172 | 1217172 | WHI11000757 | 1DX15 | 0.4 | 14.7 | 10.6 | 50 | <0.1 | 15.1 | 6.6 | 285 | 1.65 | 15.8 | 5 | 4.6 | 53 | |
| 8-Jul-11 | Conner McKay | | 1217173 | 1217173 | WHI11000757 | 1DX15 | 0.6 | 20.7 | 13.4 | 50 | <0.1 | 19.2 | 6.8 | 163 | 1.87 | 10.3 | 1.9 | 6.7 | 33 | |
| 8-Jul-11 | Conner McKay | | 1217174 | 1217174 | WHI11000757 | 1DX15 | 0.4 | 19.8 | 11.9 | 52 | <0.1 | 19.6 | 8.3 | 339 | 1.95 | 19.3 | 3.2 | 6.3 | 43 | |
| 8-Jul-11 | Conner McKay | | 1217175 | 1217175 | WHI11000757 | 1DX15 | 0.5 | 18.6 | 9.3 | 43 | <0.1 | 16.9 | 6.1 | 133 | 2 | 16.9 | 1.7 | 7.3 | 6 | |
| 8-Jul-11 | Conner McKay | | 1217176 | 1217176 | WHI11000757 | 1DX15 | 1.1 | 20.4 | 22.6 | 37 | 0.3 | 25.3 | 8.1 | 273 | 2.81 | 29.8 | 16.5 | 7 | 7 | |
| 8-Jul-11 | Conner McKay | | 1217177 | 1217177 | WHI11000757 | 1DX15 | 0.9 | 20.8 | 11.7 | 51 | <0.1 | 21 | 8.1 | 359 | 2.23 | 24.2 | 1.2 | 8 | 15 | |
| 8-Jul-11 | Conner McKay | | 1217178 | 1217178 | WHI11000757 | 1DX15 | 0.6 | 21.7 | 14.8 | 62 | <0.1 | 24.8 | 10.1 | 283 | 2.49 | 17.9 | 1.3 | 9.9 | 32 | |
| 8-Jul-11 | Conner McKay | | 1217179 | 1217179 | WHI11000757 | 1DX15 | 0.7 | 28.9 | 13.5 | 65 | <0.1 | 32.5 | 12.7 | 364 | 2.56 | 34.8 | 11 | 13 | 40 | |
| 8-Jul-11 | Conner McKay | | 1217180 | 1217180 | WHI11000757 | 1DX15 | 0.8 | 27.5 | 13.1 | 59 | <0.1 | 29.1 | 11 | 249 | 2.57 | 26.3 | 5.4 | 12.3 | 26 | |
| 9-Jul-11 | Conner McKay | | 1217181 | 1217181 | WHI11000757 | 1DX15 | 0.9 | 19.1 | 12.5 | 46 | <0.1 | 20 | 7.4 | 171 | 2.34 | 9.6 | 0.8 | 6.7 | 8 | |
| 9-Jul-11 | Conner McKay | | 1217182 | 1217182 | WHI11000757 | 1DX15 | 0.7 | 12.7 | 10.3 | 33 | <0.1 | 14.7 | 5 | 102 | 1.88 | 8.2 | <0.5 | 4.8 | 8 | |
| 9-Jul-11 | Conner McKay | | 1217183 | 1217183 | WHI11000757 | 1DX15 | 1.2 | 9.2 | 10.3 | 35 | <0.1 | 11.3 | 4.5 | 104 | 2.11 | 11.3 | 0.6 | 3.5 | 9 | |
| 9-Jul-11 | Conner McKay | | 1217184 | 1217184 | WHI11000757 | 1DX15 | 0.9 | 13.9 | 10.2 | 40 | <0.1 | 15.1 | 6.4 | 171 | 2.11 | 9.5 | <0.5 | 4.1 | 8 | |
| 9-Jul-11 | Conner McKay | | 1217185 | 1217185 | WHI11000757 | 1DX15 | 0.4 | 5.7 | 9 | 22 | <0.1 | 5.9 | 2.5 | 78 | 1.21 | 3.6 | 23.6 | 4 | 7 | |
| 9-Jul-11 | Conner McKay | | 1217186 | 1217186 | WHI11000757 | 1DX15 | 0.8 | 42 | 12.2 | 47 | <0.1 | 19.9 | 7.2 | 182 | 2.19 | 7.1 | 0.9 | 11.2 | 11 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|--------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 9-Jul-11 | Conner McKay | | 1217187 | 1217187 | WHI11000757 | 1DX15 | 0.7 | 20.8 | 10.4 | 44 | <0.1 | 18 | 7.5 | 200 | 2.04 | 6.6 | 3.4 | 5.5 | 8 | |
| 9-Jul-11 | Conner McKay | | 1217188 | 1217188 | WHI11000757 | 1DX15 | 0.7 | 19.6 | 11.3 | 45 | <0.1 | 16.6 | 8.1 | 267 | 2.3 | 13.7 | 3.8 | 4.6 | 7 | |
| 9-Jul-11 | Conner McKay | | 1217189 | 1217189 | WHI11000757 | 1DX15 | 0.8 | 15.9 | 12.5 | 40 | <0.1 | 20.4 | 9.3 | 181 | 2.04 | 11 | 6.7 | 4.6 | 9 | |
| 9-Jul-11 | Conner McKay | | 1217190 | 1217190 | WHI11000757 | 1DX15 | 0.7 | 39.6 | 11.8 | 57 | <0.1 | 23.5 | 11.6 | 242 | 2.3 | 10.8 | 13.9 | 7.4 | 8 | |
| 9-Jul-11 | Conner McKay | | 1217191 | 1217191 | WHI11000757 | 1DX15 | 1 | 17.8 | 16.8 | 55 | <0.1 | 21 | 9.3 | 182 | 2.53 | 8.3 | 1.7 | 9.2 | 7 | |
| 9-Jul-11 | Conner McKay | | 1217192 | 1217192 | WHI11000757 | 1DX15 | 0.6 | 26.4 | 12.4 | 49 | <0.1 | 21.9 | 8.6 | 153 | 2.31 | 3.4 | 3 | 10.5 | 8 | |
| 9-Jul-11 | Conner McKay | | 1217193 | 1217193 | WHI11000757 | 1DX15 | 0.7 | 13.5 | 11 | 49 | <0.1 | 21.3 | 7.6 | 186 | 2.59 | 9.4 | 2.8 | 7.8 | 7 | |
| 9-Jul-11 | Conner McKay | | 1217194 | 1217194 | WHI11000757 | 1DX15 | 0.7 | 21.9 | 11.5 | 46 | <0.1 | 22 | 6.9 | 124 | 2.55 | 8.3 | 20.7 | 8.8 | 7 | |
| 9-Jul-11 | Conner McKay | | 1217195 | 1217195 | WHI11000757 | 1DX15 | 0.8 | 18.7 | 9.2 | 44 | <0.1 | 18 | 7.3 | 162 | 2.27 | 12.6 | <0.5 | 5.8 | 7 | |
| 9-Jul-11 | Conner McKay | | 1217196 | 1217196 | WHI11000757 | 1DX15 | 0.8 | 11.5 | 11.5 | 54 | 0.1 | 17.6 | 7.6 | 177 | 2.54 | 9.7 | 0.6 | 5.7 | 10 | |
| 9-Jul-11 | Conner McKay | | 1217197 | 1217197 | WHI11000757 | 1DX15 | 0.7 | 20.8 | 10.3 | 44 | <0.1 | 17.9 | 7.3 | 172 | 2.08 | 11.8 | 1 | 6.6 | 6 | |
| 9-Jul-11 | Conner McKay | | 1217198 | 1217198 | WHI11000757 | 1DX15 | 0.9 | 26.9 | 12.2 | 55 | <0.1 | 21 | 7.4 | 208 | 2.51 | 10.9 | 2.3 | 9.4 | 8 | |
| 9-Jul-11 | Conner McKay | | 1217199 | 1217199 | WHI11000757 | 1DX15 | 0.9 | 12.8 | 10 | 40 | <0.1 | 16.2 | 5.8 | 145 | 2.08 | 11.2 | 6.7 | 5.5 | 11 | |
| 9-Jul-11 | Conner McKay | | 1217200 | 1217200 | WHI11000757 | 1DX15 | 0.7 | 17 | 11.1 | 43 | <0.1 | 14.8 | 5.6 | 137 | 2 | 9.9 | 0.7 | 5.5 | 8 | |
| 9-Jul-11 | Conner McKay | | 1217201 | 1217201 | WHI11000757 | 1DX15 | 0.5 | 12 | 8.8 | 39 | <0.1 | 13.5 | 5.1 | 129 | 2.07 | 9.7 | 1.1 | 6.1 | 6 | |
| 9-Jul-11 | Conner McKay | | 1217202 | 1217202 | WHI11000757 | 1DX15 | 0.7 | 9.3 | 10.7 | 29 | <0.1 | 9.8 | 3.4 | 82 | 1.92 | 7.6 | <0.5 | 5 | 7 | |
| 10-Jul-11 | Conner McKay | | 1217203 | 1217203 | WHI11000757 | 1DX15 | 0.6 | 26.8 | 17 | 64 | <0.1 | 22.6 | 10.2 | 255 | 2.9 | 5.4 | 1.7 | 15.7 | 8 | |
| 10-Jul-11 | Conner McKay | | 1217204 | 1217204 | WHI11000757 | 1DX15 | 0.8 | 19.8 | 10.4 | 44 | <0.1 | 15 | 6 | 142 | 2.21 | 10.5 | 2.1 | 5 | 8 | |
| 10-Jul-11 | Conner McKay | | 1217205 | 1217205 | WHI11000757 | 1DX15 | 0.6 | 14.8 | 14.7 | 37 | <0.1 | 13.2 | 6 | 138 | 1.73 | 6.6 | 8 | 8.3 | 8 | |
| 10-Jul-11 | Conner McKay | | 1217206 | 1217206 | WHI11000757 | 1DX15 | 0.9 | 11 | 10.4 | 36 | <0.1 | 12.3 | 4.9 | 150 | 1.93 | 10.3 | 7.4 | 4.6 | 11 | |
| 10-Jul-11 | Conner McKay | | 1217207 | 1217207 | WHI11000757 | 1DX15 | 0.6 | 15 | 10.5 | 39 | <0.1 | 14.4 | 6 | 152 | 2.08 | 9.8 | 0.7 | 5.9 | 8 | |
| 10-Jul-11 | Conner McKay | | 1217208 | 1217208 | WHI11000757 | 1DX15 | 0.6 | 15.8 | 9 | 43 | <0.1 | 16.4 | 6.2 | 224 | 1.59 | 5.2 | <0.5 | 7.4 | 19 | |
| 10-Jul-11 | Conner McKay | | 1217209 | 1217209 | WHI11000757 | 1DX15 | 0.7 | 20 | 15.7 | 61 | 0.1 | 26.2 | 13.4 | 2017 | 2.81 | 7.1 | 1 | 6.4 | 38 | |
| 10-Jul-11 | Conner McKay | | 1217210 | 1217210 | WHI11000757 | 1DX15 | 0.5 | 23.3 | 16.5 | 53 | <0.1 | 15.9 | 7.9 | 219 | 2.29 | 6.7 | 1.4 | 10 | 21 | |
| 10-Jul-11 | Conner McKay | | 1217211 | 1217211 | WHI11000757 | 1DX15 | 0.9 | 20 | 14.2 | 59 | 0.1 | 20.7 | 8.7 | 297 | 2.49 | 9.9 | 6.4 | 9.4 | 22 | |
| 10-Jul-11 | Conner McKay | | 1217212 | 1217212 | WHI11000757 | 1DX15 | 1 | 32.5 | 22.8 | 84 | 0.1 | 35.6 | 13.1 | 426 | 3.22 | 27.9 | 13.2 | 15.3 | 43 | |
| 10-Jul-11 | Conner McKay | | 1217213 | 1217213 | WHI11000757 | 1DX15 | 0.6 | 20.3 | 18.4 | 46 | 0.3 | 16 | 7.8 | 374 | 1.89 | 7.8 | 1.2 | 3.3 | 64 | |
| 10-Jul-11 | Conner McKay | | 1217214 | 1217214 | WHI11000757 | 1DX15 | 0.8 | 18.2 | 20.9 | 57 | 0.3 | 17.4 | 8.6 | 207 | 2.41 | 8.1 | 1.5 | 7.4 | 50 | |
| 10-Jul-11 | Conner McKay | | 1217215 | 1217215 | WHI11000757 | 1DX15 | 0.7 | 16.8 | 16.8 | 48 | 0.1 | 18.3 | 9.3 | 275 | 2.2 | 9.2 | 1 | 6.9 | 67 | |
| 10-Jul-11 | Conner McKay | | 1217216 | 1217216 | WHI11000757 | 1DX15 | 0.7 | 18.2 | 14.1 | 52 | 0.2 | 15.3 | 7.4 | 191 | 2.09 | 17.1 | 24.8 | 5 | 82 | |
| 10-Jul-11 | Conner McKay | | 1217217 | 1217217 | WHI11000757 | 1DX15 | 0.6 | 14.8 | 19.9 | 46 | 0.2 | 14.2 | 6.8 | 781 | 1.82 | 12.9 | 1.4 | 3.9 | 82 | |
| 10-Jul-11 | Conner McKay | | 1217218 | 1217218 | WHI11000757 | 1DX15 | 0.6 | 27.5 | 18.7 | 75 | <0.1 | 31 | 13 | 451 | 3.03 | 44.5 | 1.6 | 16.1 | 24 | |
| 10-Jul-11 | Conner McKay | | 1217219 | 1217219 | WHI11000757 | 1DX15 | 0.7 | 30.3 | 20.8 | 72 | <0.1 | 34.9 | 12.6 | 534 | 3.06 | 21.1 | 1 | 17.5 | 20 | |
| 10-Jul-11 | Conner McKay | | 1217220 | 1217220 | WHI11000757 | 1DX15 | 0.6 | 28 | 16.9 | 75 | <0.1 | 31.8 | 13.3 | 572 | 2.95 | 17.3 | 0.9 | 15.3 | 30 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|--------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 10-Jul-11 | Conner McKay | | 1217221 | 1217221 | WHI11000757 | 1DX15 | 0.5 | 31.1 | 15.9 | 82 | <0.1 | 35 | 14.5 | 436 | 3.1 | 20.5 | 0.7 | 13.6 | 26 | |
| 10-Jul-11 | Conner McKay | | 1217222 | 1217222 | WHI11000757 | 1DX15 | 1 | 23.3 | 21 | 70 | 0.1 | 22.7 | 9.5 | 401 | 2.75 | 21.7 | 1 | 7.7 | 69 | |
| 10-Jul-11 | Conner McKay | | 1217223 | 1217223 | WHI11000757 | 1DX15 | 0.5 | 21.8 | 12.6 | 39 | 0.2 | 20.4 | 10.6 | 932 | 1.9 | 12.4 | 1.2 | 2.6 | 134 | |
| 10-Jul-11 | Conner McKay | | 1217224 | 1217224 | WHI11000757 | 1DX15 | 0.7 | 17.9 | 10.9 | 44 | <0.1 | 20.9 | 8.3 | 299 | 2.02 | 11.5 | 0.5 | 5.9 | 18 | |
| 10-Jul-11 | Conner McKay | | 1217225 | 1217225 | WHI11000757 | 1DX15 | 0.9 | 24.3 | 18.1 | 60 | <0.1 | 27.6 | 12.2 | 327 | 2.49 | 18.7 | 6.9 | 10.9 | 27 | |
| 10-Jul-11 | Conner McKay | | 1217226 | 1217226 | WHI11000757 | 1DX15 | 0.5 | 17.8 | 11 | 43 | <0.1 | 18.2 | 7.4 | 150 | 2.25 | 12.1 | 1 | 7.6 | 7 | |
| 10-Jul-11 | Conner McKay | | 1217227 | 1217227 | WHI11000757 | 1DX15 | 0.8 | 12.3 | 11.4 | 45 | <0.1 | 16.6 | 6.8 | 173 | 2.33 | 11.2 | 1.2 | 6.2 | 6 | |
| 10-Jul-11 | Conner McKay | | 1217228 | 1217228 | WHI11000757 | 1DX15 | 0.6 | 17.5 | 11 | 46 | <0.1 | 20.1 | 7.5 | 245 | 2.13 | 12.4 | 1.1 | 7.5 | 27 | |
| 10-Jul-11 | Conner McKay | | 1217229 | 1217229 | WHI11000757 | 1DX15 | 0.6 | 16.9 | 10.9 | 44 | <0.1 | 19.5 | 7.6 | 371 | 1.92 | 33.6 | 2.6 | 6.1 | 26 | |
| 10-Jul-11 | Conner McKay | | 1217230 | 1217230 | WHI11000757 | 1DX15 | 0.8 | 15.1 | 8.3 | 39 | <0.1 | 14.7 | 6.3 | 133 | 2.07 | 35.2 | 3.2 | 3.6 | 8 | |
| 10-Jul-11 | Conner McKay | | 1217231 | 1217231 | WHI11000757 | 1DX15 | 0.6 | 14.3 | 7.4 | 34 | <0.1 | 14.3 | 5.8 | 134 | 1.86 | 23.2 | 2.5 | 3.7 | 6 | |
| 10-Jul-11 | Conner McKay | | 1217232 | 1217232 | WHI11000757 | 1DX15 | 0.8 | 12.7 | 8.6 | 35 | <0.1 | 13.2 | 5.6 | 139 | 2.08 | 12.9 | 48.9 | 4.1 | 6 | |
| 13-Jul-11 | Conner McKay | | 1217233 | 1217233 | WHI11000757 | 1DX15 | 1.2 | 18.1 | 12 | 59 | <0.1 | 17.7 | 9.8 | 282 | 2.71 | 13 | 2.8 | 4 | 8 | |
| 13-Jul-11 | Conner McKay | | 1217234 | 1217234 | WHI11000757 | 1DX15 | 0.5 | 8.8 | 8.1 | 26 | <0.1 | 8.4 | 3.7 | 105 | 1.35 | 6.9 | 10.2 | 1.1 | 6 | |
| 13-Jul-11 | Conner McKay | | 1217235 | 1217235 | WHI11000757 | 1DX15 | 0.7 | 15.9 | 8 | 44 | <0.1 | 15.5 | 6.8 | 208 | 1.9 | 8.5 | 1.7 | 0.9 | 6 | |
| 13-Jul-11 | Conner McKay | | 1217236 | 1217236 | WHI11000757 | 1DX15 | 1 | 15.8 | 12.1 | 56 | <0.1 | 19.9 | 8.8 | 227 | 2.32 | 11.3 | 1.5 | 4.7 | 6 | |
| 13-Jul-11 | Conner McKay | | 1217237 | 1217237 | WHI11000757 | 1DX15 | 0.8 | 19.6 | 10.9 | 58 | <0.1 | 17 | 7.8 | 265 | 2.44 | 8.5 | 1.7 | 5.4 | 5 | |
| 13-Jul-11 | Conner McKay | | 1217238 | 1217238 | WHI11000757 | 1DX15 | 0.9 | 13.1 | 9.1 | 41 | <0.1 | 13.2 | 5.8 | 168 | 1.9 | 9.4 | 6.1 | 1.9 | 6 | |
| 13-Jul-11 | Conner McKay | | 1217239 | 1217239 | WHI11000757 | 1DX15 | 0.6 | 14 | 8.5 | 35 | <0.1 | 11.5 | 5.1 | 151 | 1.57 | 8.3 | 0.8 | 2 | 6 | |
| 13-Jul-11 | Conner McKay | | 1217240 | 1217240 | WHI11000757 | 1DX15 | 0.9 | 12.5 | 9.3 | 34 | <0.1 | 11.2 | 3.8 | 110 | 1.73 | 7.9 | 1.6 | 2.5 | 5 | |
| 13-Jul-11 | Conner McKay | | 1217241 | 1217241 | WHI11000757 | 1DX15 | 0.8 | 11.4 | 9.8 | 95 | 0.1 | 13.9 | 7.7 | 376 | 2.07 | 6.2 | 2.6 | 1.1 | 8 | |
| 13-Jul-11 | Conner McKay | | 1217242 | 1217242 | WHI11000757 | 1DX15 | 0.8 | 18.8 | 8.7 | 50 | 0.1 | 18.1 | 6.9 | 166 | 2.06 | 9 | 1.2 | 1.5 | 8 | |
| 13-Jul-11 | Conner McKay | | 1217243 | 1217243 | WHI11000757 | 1DX15 | 0.6 | 9.9 | 6.8 | 39 | <0.1 | 11.6 | 4.8 | 128 | 1.59 | 7.1 | <0.5 | 0.6 | 7 | |
| 13-Jul-11 | Conner McKay | | 1217244 | 1217244 | WHI11000757 | 1DX15 | 0.7 | 15.9 | 9.3 | 41 | <0.1 | 14.1 | 5.8 | 173 | 2.27 | 5.9 | 0.9 | 2.5 | 6 | |
| 13-Jul-11 | Conner McKay | | 1217245 | 1217245 | WHI11000757 | 1DX15 | 0.9 | 8.3 | 9.3 | 25 | 0.1 | 7.7 | 2.7 | 79 | 1.28 | 5.2 | <0.5 | 0.5 | 7 | |
| 13-Jul-11 | Conner McKay | | 1217246 | 1217246 | WHI11000757 | 1DX15 | 0.9 | 14.1 | 8.7 | 46 | <0.1 | 17.7 | 6.3 | 131 | 2.36 | 11 | 0.7 | 4.2 | 8 | |
| 13-Jul-11 | Conner McKay | | 1217247 | 1217247 | WHI11000757 | 1DX15 | 1 | 12.3 | 8.8 | 48 | <0.1 | 14.7 | 6.1 | 324 | 1.74 | 6.7 | 8.1 | 1.6 | 12 | |
| 13-Jul-11 | Conner McKay | | 1217248 | 1217248 | WHI11000757 | 1DX15 | 0.6 | 15.7 | 10.9 | 43 | <0.1 | 15.3 | 6 | 140 | 1.86 | 4.4 | <0.5 | 6.3 | 6 | |
| 13-Jul-11 | Conner McKay | | 1217249 | 1217249 | WHI11000757 | 1DX15 | 0.7 | 16.6 | 8.3 | 42 | <0.1 | 16.5 | 5.2 | 121 | 2.07 | 13.6 | 0.9 | 3.1 | 10 | |
| 13-Jul-11 | Conner McKay | | 1217250 | 1217250 | WHI11000757 | 1DX15 | 1.1 | 18.7 | 9 | 39 | <0.1 | 16.4 | 6.2 | 131 | 2.57 | 11.6 | 0.7 | 3.5 | 7 | |
| 13-Jul-11 | Conner McKay | | 1217251 | 1217251 | WHI11000757 | 1DX15 | 0.6 | 23.4 | 9.2 | 50 | <0.1 | 19.5 | 7.1 | 163 | 2.15 | 7.9 | 1.1 | 7.2 | 6 | |
| 13-Jul-11 | Conner McKay | | 1217252 | 1217252 | WHI11000757 | 1DX15 | 0.8 | 35.2 | 8.7 | 54 | <0.1 | 22.9 | 8.9 | 175 | 2.47 | 6.3 | 4.4 | 11.1 | 7 | |
| 13-Jul-11 | Conner McKay | | 1217253 | 1217253 | WHI11000757 | 1DX15 | 0.8 | 24.7 | 8.4 | 56 | <0.1 | 21.3 | 8.1 | 172 | 2.23 | 6.7 | 5.8 | 6.6 | 6 | |
| 13-Jul-11 | Conner McKay | | 1217254 | 1217254 | WHI11000757 | 1DX15 | 0.9 | 12.2 | 8.9 | 45 | 0.2 | 14.8 | 5.8 | 137 | 2.12 | 10.2 | 11.2 | 3.8 | 8 | |
| 13-Jul-11 | Conner McKay | | 1217255 | 1217255 | WHI11000757 | 1DX15 | 0.7 | 13.7 | 6.6 | 41 | <0.1 | 16.1 | 5.5 | 145 | 1.71 | 7.5 | 6.5 | 4.3 | 8 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|--------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 13-Jul-11 | Conner McKay | | 1217256 | 1217256 | WHI11000757 | 1DX15 | 0.9 | 10 | 8.3 | 42 | 0.2 | 14 | 5.5 | 230 | 1.97 | 8.7 | 2 | 2.8 | 11 | |
| 13-Jul-11 | Conner McKay | | 1217257 | 1217257 | WHI11000757 | 1DX15 | 0.8 | 9.7 | 8.3 | 35 | <0.1 | 11.5 | 4.1 | 126 | 1.61 | 10.6 | 1.2 | 2.9 | 12 | |
| 13-Jul-11 | Conner McKay | | 1217258 | 1217258 | WHI11000757 | 1DX15 | 0.6 | 6.7 | 7.6 | 35 | <0.1 | 11.4 | 4.8 | 188 | 1.46 | 4.7 | 0.6 | 3 | 11 | |
| 13-Jul-11 | Conner McKay | | 1217259 | 1217259 | WHI11000757 | 1DX15 | 0.7 | 11 | 8.5 | 39 | <0.1 | 15.6 | 5.5 | 140 | 1.67 | 9.1 | 10.8 | 3.4 | 11 | |
| 13-Jul-11 | Conner McKay | | 1217260 | 1217260 | WHI11000757 | 1DX15 | 0.5 | 7.9 | 7.5 | 31 | <0.1 | 12.2 | 5.3 | 224 | 1.47 | 6.6 | 13.8 | 3 | 9 | |
| 14-Jul-11 | Conner McKay | OV-0134 | 1217261 | 1217261 | WHI11000757 | 1DX15 | 1 | 15.6 | 12.1 | 65 | <0.1 | 15.8 | 6.6 | 300 | 2.31 | 10.9 | 3.9 | 0.6 | 7 | |
| 14-Jul-11 | Conner McKay | OV-0140 | 1217262 | 1217262 | WHI11000757 | 1DX15 | 0.7 | 8.1 | 9.3 | 44 | <0.1 | 10.2 | 4 | 177 | 1.98 | 10.5 | 6.6 | 0.2 | 7 | |
| 14-Jul-11 | Conner McKay | OV-0141 | 1217263 | 1217263 | WHI11000757 | 1DX15 | 0.7 | 15.1 | 9.9 | 51 | <0.1 | 15.2 | 6.7 | 258 | 1.96 | 9.1 | 1.3 | 1 | 8 | |
| 14-Jul-11 | Conner McKay | OV-0142 | 1217264 | 1217264 | WHI11000757 | 1DX15 | 0.7 | 11.6 | 9.7 | 45 | <0.1 | 12 | 4.7 | 154 | 1.9 | 10.7 | 1.3 | 0.7 | 8 | |
| 14-Jul-11 | Conner McKay | OV-0143 | 1217265 | 1217265 | WHI11000757 | 1DX15 | 0.6 | 16 | 9.6 | 49 | <0.1 | 15 | 6.2 | 206 | 1.9 | 8.4 | 25.2 | 1.2 | 8 | |
| 14-Jul-11 | Conner McKay | OV-0144 | 1217266 | 1217266 | WHI11000757 | 1DX15 | 0.8 | 12.8 | 10.2 | 50 | <0.1 | 13.2 | 6.7 | 281 | 2.07 | 10.3 | 8.1 | 0.9 | 8 | |
| 14-Jul-11 | Conner McKay | OV-0145 | 1217267 | 1217267 | WHI11000757 | 1DX15 | 0.7 | 10.2 | 10.5 | 44 | <0.1 | 11.4 | 4.5 | 156 | 1.86 | 8.7 | 4 | 0.3 | 7 | |
| 14-Jul-11 | Conner McKay | OV-0146 | 1217268 | 1217268 | WHI11000757 | 1DX15 | 0.6 | 14.3 | 9.1 | 45 | <0.1 | 14.1 | 4.5 | 153 | 1.69 | 8.5 | 3.4 | 0.9 | 8 | |
| 14-Jul-11 | Conner McKay | OV-0147 | 1217269 | 1217269 | WHI11000757 | 1DX15 | 0.8 | 10.2 | 10.8 | 44 | <0.1 | 11.3 | 4.7 | 165 | 1.75 | 8.9 | 3 | 0.5 | 8 | |
| 14-Jul-11 | Conner McKay | OV-0148 | 1217270 | 1217270 | WHI11000757 | 1DX15 | 0.7 | 10.8 | 8.6 | 43 | <0.1 | 12.4 | 4.7 | 172 | 1.71 | 8.6 | 22.5 | 1 | 8 | |
| 14-Jul-11 | Conner McKay | OV-0149 | 1217271 | 1217271 | WHI11000757 | 1DX15 | 0.7 | 14 | 11.5 | 54 | <0.1 | 16 | 6.3 | 232 | 2.18 | 11 | 10.2 | 1.1 | 6 | |
| 14-Jul-11 | Conner McKay | OV-0150 | 1217272 | 1217272 | WHI11000757 | 1DX15 | 0.4 | 8.9 | 10.8 | 41 | 0.1 | 13 | 3.7 | 91 | 1.49 | 5.7 | 0.9 | 0.7 | 8 | |
| 14-Jul-11 | Conner McKay | OV-0151 | 1217273 | 1217273 | WHI11000757 | 1DX15 | 0.7 | 10.5 | 13 | 35 | <0.1 | 9.8 | 3.4 | 95 | 1.6 | 7.9 | 2.4 | 0.4 | 8 | |
| 14-Jul-11 | Conner McKay | OV-0152 | 1217274 | 1217274 | WHI11000757 | 1DX15 | 0.7 | 11.9 | 10.6 | 38 | <0.1 | 11.9 | 4 | 108 | 1.75 | 8.7 | 4.7 | 0.4 | 8 | |
| 14-Jul-11 | Conner McKay | OV-0153 | 1217275 | 1217275 | WHI11000757 | 1DX15 | 0.9 | 12.1 | 11.8 | 38 | <0.1 | 11.7 | 3.8 | 124 | 1.79 | 8.7 | 2.9 | 0.6 | 6 | |
| 14-Jul-11 | Conner McKay | OV-0154 | 1217276 | 1217276 | WHI11000757 | 1DX15 | 0.6 | 6.3 | 11.7 | 30 | <0.1 | 8.3 | 3.2 | 126 | 1.75 | 8.6 | 1.7 | 0.2 | 7 | |
| 14-Jul-11 | Conner McKay | OV-0155 | 1217277 | 1217277 | WHI11000757 | 1DX15 | 0.9 | 10.5 | 10.4 | 42 | <0.1 | 11.3 | 4.8 | 157 | 2 | 11.6 | 2.1 | 0.9 | 7 | |
| 14-Jul-11 | Conner McKay | OV-0156 | 1217278 | 1217278 | WHI11000757 | 1DX15 | 0.6 | 23 | 11.6 | 56 | <0.1 | 20.4 | 8.7 | 304 | 2.11 | 13.5 | 1.6 | 4.8 | 10 | |
| 14-Jul-11 | Conner McKay | OV-0157 | 1217279 | 1217279 | WHI11000757 | 1DX15 | 0.8 | 13.3 | 12.6 | 46 | <0.1 | 14.8 | 6.4 | 254 | 2.22 | 10.7 | 2.6 | 1.3 | 7 | |
| 14-Jul-11 | Conner McKay | OV-0158 | 1217280 | 1217280 | WHI11000757 | 1DX15 | 1 | 11.3 | 13.6 | 45 | <0.1 | 11.9 | 5.1 | 196 | 1.68 | 9.4 | 0.8 | 1 | 8 | |
| 14-Jul-11 | Conner McKay | OV-0159 | 1217281 | 1217281 | WHI11000757 | 1DX15 | 0.4 | 7.2 | 8.5 | 23 | <0.1 | 7.2 | 2 | 55 | 1.2 | 6.4 | 2.5 | 0.3 | 5 | |
| 14-Jul-11 | Conner McKay | OV-0160 | 1217282 | 1217282 | WHI11000757 | 1DX15 | 0.8 | 9.2 | 9.4 | 42 | <0.1 | 11.6 | 6.2 | 222 | 2.04 | 11.6 | 1.6 | 2.2 | 7 | |
| 14-Jul-11 | Conner McKay | OV-0161 | 1217283 | 1217283 | WHI11000757 | 1DX15 | 0.8 | 14.3 | 10.5 | 49 | <0.1 | 13.7 | 8.4 | 388 | 1.98 | 9.7 | 3 | 1.2 | 9 | |
| 14-Jul-11 | Conner McKay | OV-0162 | 1217284 | 1217284 | WHI11000757 | 1DX15 | 0.5 | 6.9 | 8.7 | 27 | <0.1 | 6.5 | 2.3 | 74 | 1.34 | 7.3 | 4.3 | 0.2 | 6 | |
| 14-Jul-11 | Conner McKay | OV-0163 | 1217285 | 1217285 | WHI11000757 | 1DX15 | 0.7 | 11.1 | 12.1 | 42 | <0.1 | 13.6 | 5.7 | 212 | 2.31 | 8.4 | 0.7 | 2.1 | 5 | |
| 14-Jul-11 | Conner McKay | OV-0164 | 1217286 | 1217286 | WHI11000757 | 1DX15 | 0.8 | 11.5 | 9.1 | 41 | <0.1 | 11.2 | 3.9 | 128 | 1.88 | 10.3 | 1.8 | 0.8 | 7 | |
| 14-Jul-11 | Conner McKay | OV-0165 | 1217287 | 1217287 | WHI11000757 | 1DX15 | 0.9 | 11 | 11.8 | 48 | <0.1 | 12.6 | 8.5 | 363 | 2.1 | 11 | 1.4 | 1.5 | 9 | |
| 14-Jul-11 | Conner McKay | OV-0166 | 1217288 | 1217288 | WHI11000757 | 1DX15 | 0.5 | 7.2 | 11.4 | 28 | <0.1 | 7.1 | 2.5 | 75 | 1.74 | 8.1 | 3.2 | 0.4 | 7 | |
| 14-Jul-11 | Conner McKay | OV-0167 | 1217289 | 1217289 | WHI11000757 | 1DX15 | 0.6 | 13.6 | 11.2 | 48 | <0.1 | 15.6 | 7 | 288 | 1.93 | 13.2 | 3.2 | 2 | 7 | |
| 14-Jul-11 | Conner McKay | OV-0168 | 1217290 | 1217290 | WHI11000757 | 1DX15 | 1.2 | 10.9 | 13.9 | 47 | <0.1 | 12.6 | 6 | 282 | 2.91 | 13.4 | 1.4 | 1.7 | 8 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|--------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 14-Jul-11 | Conner McKay | OV-0169 | 1217291 | 1217291 | WHI11000757 | 1DX15 | 0.5 | 5.1 | 12.1 | 25 | <0.1 | 5.7 | 2.4 | 73 | 1.36 | 7 | 1 | 0.3 | 6 | |
| 15-Jul-11 | Conner McKay | OV-0350 | 1217292 | 1217292 | WHI11000757 | 1DX15 | 0.7 | 10.7 | 8.2 | 35 | <0.1 | 8.9 | 3.3 | 115 | 1.68 | 7.1 | 1 | 0.4 | 6 | |
| 15-Jul-11 | Conner McKay | OV-0331 | 1217293 | 1217293 | WHI11000757 | 1DX15 | 0.9 | 16.6 | 8.5 | 45 | <0.1 | 13.1 | 4.5 | 130 | 2.16 | 9.2 | 2.5 | 1.1 | 7 | |
| 15-Jul-11 | Conner McKay | OV-0332 | 1217294 | 1217294 | WHI11000757 | 1DX15 | 0.8 | 15.6 | 7.6 | 40 | <0.1 | 12 | 3.9 | 126 | 1.96 | 9 | 1.8 | 1 | 6 | |
| 15-Jul-11 | Conner McKay | OV-0333 | 1217295 | 1217295 | WHI11000757 | 1DX15 | 1.4 | 56 | 15.1 | 84 | <0.1 | 31.2 | 15.1 | 453 | 3.57 | 23.1 | 2.5 | 3.4 | 10 | |
| 15-Jul-11 | Conner McKay | OV-0334 | 1217296 | 1217296 | WHI11000757 | 1DX15 | 0.8 | 26.9 | 9.4 | 64 | <0.1 | 21.1 | 9.9 | 288 | 2.78 | 11.4 | 2.3 | 2 | 8 | |
| 15-Jul-11 | Conner McKay | OV-0335 | 1217297 | 1217297 | WHI11000757 | 1DX15 | 0.8 | 35.1 | 9.1 | 69 | <0.1 | 24.1 | 10.2 | 331 | 2.9 | 10.5 | 3 | 5.6 | 8 | |
| 15-Jul-11 | Conner McKay | OV-0336 | 1217298 | 1217298 | WHI11000757 | 1DX15 | 0.8 | 23.1 | 8.9 | 52 | <0.1 | 17.1 | 7.5 | 240 | 2.18 | 10.5 | 2.1 | 1.5 | 7 | |
| 15-Jul-11 | Conner McKay | OV-0337 | 1217299 | 1217299 | WHI11000757 | 1DX15 | 0.9 | 15.1 | 9.1 | 49 | <0.1 | 13.1 | 5.8 | 265 | 2.29 | 10.6 | 4.8 | 0.3 | 7 | |
| 15-Jul-11 | Conner McKay | OV-0338 | 1217300 | 1217300 | WHI11000757 | 1DX15 | 0.7 | 14.3 | 8.4 | 46 | <0.1 | 13.5 | 5.1 | 173 | 1.94 | 8.8 | 2.1 | 0.7 | 8 | |
| 9-Jul-11 | Myles Rusk | OV-0001 | 1217301 | 1217301 | WHI11000757 | 1DX15 | 0.7 | 8.4 | 9.2 | 33 | <0.1 | 10.2 | 3.4 | 85 | 1.53 | 8.4 | 1.4 | 2 | 8 | |
| 9-Jul-11 | Myles Rusk | OV-0002 | 1217302 | 1217302 | WHI11000757 | 1DX15 | 0.8 | 17.1 | 9.1 | 46 | <0.1 | 16.2 | 6.5 | 145 | 1.99 | 11.1 | 9.8 | 5.1 | 9 | |
| 9-Jul-11 | Myles Rusk | OV-0003 | 1217303 | 1217303 | WHI11000757 | 1DX15 | 0.9 | 17.6 | 10.8 | 46 | <0.1 | 16.2 | 6.4 | 149 | 2.13 | 11.1 | 3.2 | 6.5 | 8 | |
| 9-Jul-11 | Myles Rusk | OV-0004 | 1217304 | 1217304 | WHI11000757 | 1DX15 | 0.5 | 16.7 | 10.6 | 57 | <0.1 | 21.1 | 8.1 | 208 | 2.67 | 6.7 | <0.5 | 10.8 | 8 | |
| 9-Jul-11 | Myles Rusk | OV-0005 | 1217305 | 1217305 | WHI11000757 | 1DX15 | 0.5 | 16.1 | 9.6 | 52 | <0.1 | 18.1 | 6.8 | 184 | 2.38 | 8 | 16 | 6.8 | 8 | |
| 9-Jul-11 | Myles Rusk | OV-0006 | 1217306 | 1217306 | WHI11000757 | 1DX15 | 0.6 | 11.4 | 9.1 | 33 | 0.1 | 11.4 | 4.3 | 91 | 1.64 | 8 | 4.6 | 3.7 | 9 | |
| 9-Jul-11 | Myles Rusk | OV-0007 | 1217307 | 1217307 | WHI11000757 | 1DX15 | 0.7 | 43.9 | 15.9 | 69 | <0.1 | 31.6 | 11.6 | 244 | 3.04 | 8.3 | 0.6 | 15.7 | 17 | |
| 9-Jul-11 | Myles Rusk | OV-0008 | 1217308 | 1217308 | WHI11000757 | 1DX15 | 0.7 | 9.2 | 10.9 | 31 | <0.1 | 7.5 | 4.8 | 245 | 1.71 | 2.5 | <0.5 | 6.7 | 19 | |
| 9-Jul-11 | Myles Rusk | OV-0009 | 1217309 | 1217309 | WHI11000757 | 1DX15 | 0.5 | 13.5 | 17.8 | 22 | <0.1 | 7.4 | 2.4 | 64 | 1.33 | 8 | 2.9 | 0.4 | 6 | |
| 9-Jul-11 | Myles Rusk | OV-0010 | 1217310 | 1217310 | WHI11000757 | 1DX15 | 0.6 | 32.5 | 11 | 44 | <0.1 | 16.8 | 6.5 | 166 | 2.15 | 11.5 | 1.7 | 6.2 | 9 | |
| 9-Jul-11 | Myles Rusk | OV-0011 | 1217311 | 1217311 | WHI11000757 | 1DX15 | 0.5 | 16.4 | 8.3 | 36 | <0.1 | 13.9 | 5.3 | 133 | 1.91 | 9 | 1.2 | 6.8 | 6 | |
| 9-Jul-11 | Myles Rusk | OV-0012 | 1217312 | 1217312 | WHI11000757 | 1DX15 | 0.7 | 20.3 | 11.4 | 45 | <0.1 | 16.4 | 6.7 | 161 | 2.07 | 10.7 | 3.6 | 6 | 7 | |
| 9-Jul-11 | Myles Rusk | OV-0013 | 1217313 | 1217313 | WHI11000757 | 1DX15 | 0.6 | 23.2 | 8.3 | 47 | <0.1 | 19.7 | 7 | 153 | 2.36 | 8.4 | 2.2 | 8.4 | 7 | |
| 9-Jul-11 | Myles Rusk | OV-0014 | 1217314 | 1217314 | WHI11000757 | 1DX15 | 0.9 | 23.9 | 12.9 | 46 | <0.1 | 24.4 | 7.5 | 154 | 2.76 | 6.3 | 1.2 | 11.3 | 5 | |
| 9-Jul-11 | Myles Rusk | OV-0015 | 1217315 | 1217315 | WHI11000757 | 1DX15 | 0.7 | 9.8 | 10.4 | 38 | <0.1 | 13.1 | 4.9 | 133 | 1.98 | 6.2 | 0.6 | 5.4 | 8 | |
| 9-Jul-11 | Myles Rusk | OV-0016 | 1217316 | 1217316 | WHI11000757 | 1DX15 | 0.8 | 13.2 | 15.6 | 54 | <0.1 | 15.2 | 6.9 | 154 | 2.35 | 9.1 | 1 | 5.7 | 7 | |
| 9-Jul-11 | Myles Rusk | OV-0017 | 1217317 | 1217317 | WHI11000757 | 1DX15 | 0.6 | 37.7 | 14.4 | 84 | <0.1 | 27.8 | 10 | 215 | 2.62 | 3.3 | 0.6 | 15.8 | 11 | |
| 9-Jul-11 | Myles Rusk | OV-0018 | 1217318 | 1217318 | WHI11000757 | 1DX15 | 0.7 | 13 | 15.8 | 44 | <0.1 | 15.6 | 6.2 | 137 | 2.18 | 9 | 4 | 5.9 | 10 | |
| 9-Jul-11 | Myles Rusk | OV-0019 | 1217319 | 1217319 | WHI11000757 | 1DX15 | 0.7 | 14.2 | 16.5 | 46 | <0.1 | 15.9 | 6.1 | 144 | 2.24 | 9.1 | 4.8 | 6 | 10 | |
| 9-Jul-11 | Myles Rusk | OV-0020 | 1217320 | 1217320 | WHI11000757 | 1DX15 | 0.7 | 14.8 | 10 | 51 | <0.1 | 19.9 | 8.4 | 273 | 2.39 | 6.6 | 11.8 | 5.4 | 11 | |
| 9-Jul-11 | Myles Rusk | OV-0021 | 1217321 | 1217321 | WHI11000757 | 1DX15 | 0.9 | 19.9 | 12.4 | 52 | <0.1 | 23.2 | 8.6 | 150 | 2.53 | 8.1 | <0.5 | 7.5 | 6 | |
| 9-Jul-11 | Myles Rusk | OV-0022 | 1217322 | 1217322 | WHI11000757 | 1DX15 | 0.7 | 10 | 8.6 | 36 | <0.1 | 12.1 | 4.4 | 108 | 1.64 | 6.7 | 1.7 | 4.3 | 15 | |
| 9-Jul-11 | Myles Rusk | OV-0023 | 1217323 | 1217323 | WHI11000757 | 1DX15 | 0.9 | 14.1 | 9.1 | 38 | <0.1 | 16.7 | 5.6 | 123 | 2.34 | 12.6 | 4.2 | 5 | 8 | |
| 9-Jul-11 | Myles Rusk | OV-0024 | 1217324 | 1217324 | WHI11000757 | 1DX15 | 0.9 | 15.3 | 11.1 | 47 | <0.1 | 18.4 | 6.8 | 159 | 2.63 | 11.1 | 7.4 | 6.2 | 6 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | | | | |
|-----------|--------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | | | | |
| | | | 1217325 | | | | | | | | | | | | | | | | | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217326 | 1217326 | WHI11000757 | 1DX15 | 0.6 | 20.1 | 15.2 | 49 | <0.1 | 19.9 | 9.4 | 229 | 2.34 | 13 | 2.7 | 9.9 | 11 | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217327 | 1217327 | WHI11000757 | 1DX15 | 0.7 | 20.7 | 14.3 | 53 | <0.1 | 23.4 | 8.6 | 216 | 2.76 | 15.1 | 3.1 | 7.5 | 10 | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217328 | 1217328 | WHI11000757 | 1DX15 | 0.8 | 15.7 | 12.7 | 45 | <0.1 | 15.6 | 5.7 | 158 | 2.4 | 16.6 | 2.6 | 5.9 | 12 | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217329 | 1217329 | WHI11000757 | 1DX15 | 0.7 | 23.2 | 21.5 | 57 | <0.1 | 22.4 | 8.5 | 273 | 2.53 | 18.2 | 1.1 | 7.7 | 9 | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217330 | 1217330 | WHI11000757 | 1DX15 | 0.5 | 22.6 | 20.2 | 58 | <0.1 | 24.6 | 9.8 | 275 | 2.67 | 9.3 | 0.9 | 12.2 | 14 | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217331 | 1217331 | WHI11000757 | 1DX15 | 0.5 | 21.2 | 16.1 | 59 | <0.1 | 26.7 | 11.4 | 463 | 2.39 | 5.7 | 0.8 | 11.7 | 19 | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217332 | 1217332 | WHI11000757 | 1DX15 | 0.6 | 16.3 | 9.7 | 46 | <0.1 | 16.4 | 8.4 | 335 | 1.75 | 8.7 | 5.7 | 4.1 | 26 | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217333 | 1217333 | WHI11000757 | 1DX15 | 0.6 | 13 | 9.1 | 45 | <0.1 | 14.1 | 8 | 479 | 1.59 | 8.2 | 4.1 | 3.9 | 41 | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217334 | 1217334 | WHI11000757 | 1DX15 | 0.5 | 14.1 | 10.2 | 44 | <0.1 | 14.3 | 7.6 | 434 | 1.66 | 9 | 1.5 | 3.8 | 62 | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217335 | 1217335 | WHI11000757 | 1DX15 | 0.5 | 18.6 | 12.6 | 48 | <0.1 | 16 | 8.3 | 331 | 1.86 | 11.4 | 3.3 | 5 | 55 | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217336 | 1217336 | WHI11000757 | 1DX15 | 0.6 | 18.6 | 11.4 | 41 | <0.1 | 16.9 | 7.2 | 195 | 2.04 | 11 | 1.6 | 5.4 | 26 | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217337 | 1217337 | WHI11000757 | 1DX15 | 0.5 | 16.5 | 13.6 | 42 | <0.1 | 16.4 | 8 | 309 | 1.9 | 7.5 | 1 | 8.4 | 27 | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217338 | 1217338 | WHI11000757 | 1DX15 | 0.5 | 24.5 | 16.3 | 68 | <0.1 | 24.7 | 9.8 | 367 | 2.34 | 7.8 | 1.4 | 11.5 | 36 | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217339 | 1217339 | WHI11000757 | 1DX15 | 0.5 | 21.4 | 14.3 | 64 | 0.1 | 19.8 | 9 | 374 | 2.17 | 10 | 2.1 | 6 | 96 | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217340 | 1217340 | WHI11000757 | 1DX15 | 0.4 | 18.1 | 13.3 | 66 | <0.1 | 18.2 | 8.3 | 456 | 2.02 | 16.9 | 0.5 | 6.4 | 88 | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217341 | 1217341 | WHI11000758 | 1DX15 | 0.4 | 19 | 13.1 | 57 | <0.1 | 19.6 | 7.9 | 354 | 2.04 | 18.9 | 0.7 | 6 | 41 | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217342 | | | | | | | | | | | | | | | | | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217343 | 1217343 | WHI11000758 | 1DX15 | 0.5 | 17.3 | 9.3 | 48 | <0.1 | 17.2 | 6 | 187 | 1.83 | 10.5 | 4.7 | 6 | 20 | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217344 | 1217344 | WHI11000758 | 1DX15 | 0.5 | 22.6 | 12.9 | 53 | <0.1 | 21.9 | 9.4 | 344 | 2.33 | 16.9 | 3.4 | 7 | 41 | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217345 | 1217345 | WHI11000758 | 1DX15 | 0.7 | 17.2 | 10 | 49 | <0.1 | 16.4 | 6.8 | 257 | 1.85 | 17.2 | 4.5 | 4.7 | 28 | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217346 | 1217346 | WHI11000758 | 1DX15 | 0.6 | 19.3 | 13.7 | 53 | 0.1 | 18.9 | 8.5 | 242 | 1.98 | 9.8 | 2.7 | 7.4 | 20 | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217347 | | | | | | | | | | | | | | | | | | | | |
| 13-Jul-11 | Myles Rusk | | 1217401 | 1217401 | WHI11000758 | 1DX15 | 0.8 | 20.2 | 9.1 | 43 | <0.1 | 15.2 | 5.6 | 183 | 1.99 | 9.2 | 4.5 | 2.1 | 6 | | | | |
| 13-Jul-11 | Myles Rusk | | 1217402 | 1217402 | WHI11000758 | 1DX15 | 0.7 | 26 | 10.9 | 49 | <0.1 | 20.6 | 9.9 | 418 | 2.14 | 11.1 | 4.8 | 4.4 | 7 | | | | |
| 13-Jul-11 | Myles Rusk | | 1217403 | 1217403 | WHI11000758 | 1DX15 | 0.8 | 29.4 | 11.8 | 62 | <0.1 | 24.7 | 11.1 | 588 | 2.65 | 11.1 | 1.8 | 9.8 | 7 | | | | |
| 13-Jul-11 | Myles Rusk | | 1217404 | 1217404 | WHI11000758 | 1DX15 | 1.2 | 38.5 | 35.8 | 79 | <0.1 | 34.4 | 15.3 | 2041 | 3.47 | 15 | 2.6 | 9.4 | 8 | | | | |
| 13-Jul-11 | Myles Rusk | | 1217405 | 1217405 | WHI11000758 | 1DX15 | 0.7 | 23.6 | 12 | 47 | <0.1 | 19.5 | 7.2 | 314 | 2.16 | 11 | 2.6 | 2.9 | 11 | | | | |
| 13-Jul-11 | Myles Rusk | | 1217406 | 1217406 | WHI11000758 | 1DX15 | 0.9 | 33.8 | 20.6 | 68 | 0.1 | 28.3 | 11.6 | 976 | 2.88 | 10.6 | 1.2 | 5 | 25 | | | | |
| 13-Jul-11 | Myles Rusk | | 1217407 | 1217407 | WHI11000758 | 1DX15 | 0.7 | 20.9 | 10.9 | 54 | <0.1 | 20.7 | 7.9 | 288 | 2.06 | 9.7 | 1.6 | 3.7 | 21 | | | | |
| 13-Jul-11 | Myles Rusk | | 1217408 | 1217408 | WHI11000758 | 1DX15 | 0.8 | 23.9 | 12.9 | 49 | <0.1 | 21.7 | 8.6 | 382 | 2.09 | 10.7 | 5.7 | 3.5 | 16 | | | | |
| 13-Jul-11 | Myles Rusk | | 1217409 | 1217409 | WHI11000758 | 1DX15 | 1.3 | 11.7 | 12 | 46 | <0.1 | 13 | 7.8 | 528 | 2.18 | 11.3 | 27.5 | 0.7 | 18 | | | | |
| 13-Jul-11 | Myles Rusk | | 1217410 | 1217410 | WHI11000758 | 1DX15 | 0.9 | 13.8 | 10.2 | 44 | <0.1 | 14 | 6 | 304 | 1.92 | 9 | 0.9 | 0.5 | 21 | | | | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|--------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 13-Jul-11 | Myles Rusk | | 1217411 | 1217411 | WHI11000758 | 1DX15 | 1.3 | 14 | 12.6 | 52 | <0.1 | 15.1 | 13 | 814 | 2.4 | 11.6 | 1.9 | 1.3 | 12 | |
| 13-Jul-11 | Myles Rusk | | 1217412 | 1217412 | WHI11000758 | 1DX15 | 0.8 | 15.2 | 9.2 | 45 | <0.1 | 15.4 | 5.3 | 215 | 1.86 | 7.2 | 31.3 | 1.6 | 16 | |
| 13-Jul-11 | Myles Rusk | | 1217413 | 1217413 | WHI11000758 | 1DX15 | 0.8 | 18.2 | 10.1 | 46 | <0.1 | 17.3 | 7 | 243 | 2 | 7.8 | 2.6 | 3.8 | 12 | |
| 13-Jul-11 | Myles Rusk | | 1217414 | 1217414 | WHI11000758 | 1DX15 | 0.9 | 11.6 | 8.2 | 40 | <0.1 | 13.2 | 4.2 | 165 | 1.72 | 7.3 | 0.9 | 2.2 | 11 | |
| 13-Jul-11 | Myles Rusk | | 1217415 | 1217415 | WHI11000758 | 1DX15 | 0.8 | 11.9 | 9.5 | 39 | <0.1 | 12.7 | 4.1 | 116 | 1.74 | 8.2 | 2.4 | 1.9 | 7 | |
| 13-Jul-11 | Myles Rusk | | 1217416 | 1217416 | WHI11000758 | 1DX15 | 1 | 14.3 | 10 | 45 | <0.1 | 16 | 4.7 | 168 | 1.79 | 8.8 | 7.2 | 4.1 | 8 | |
| 13-Jul-11 | Myles Rusk | | 1217417 | 1217417 | WHI11000758 | 1DX15 | 0.8 | 16.8 | 10.6 | 51 | <0.1 | 17.6 | 6.9 | 277 | 1.92 | 8.6 | 2.4 | 3.8 | 8 | |
| 13-Jul-11 | Myles Rusk | | 1217418 | 1217418 | WHI11000758 | 1DX15 | 0.8 | 18.5 | 11.2 | 48 | <0.1 | 18.2 | 6.4 | 226 | 2.39 | 11 | 1.5 | 4 | 6 | |
| 13-Jul-11 | Myles Rusk | | 1217419 | 1217419 | WHI11000758 | 1DX15 | 0.7 | 20.2 | 15.1 | 49 | <0.1 | 18.5 | 6 | 198 | 2.45 | 9.9 | 20.4 | 1.8 | 10 | |
| 13-Jul-11 | Myles Rusk | | 1217420 | 1217420 | WHI11000758 | 1DX15 | 0.7 | 18.7 | 10.3 | 53 | <0.1 | 20.4 | 7 | 189 | 2.3 | 9.9 | 2 | 5.5 | 8 | |
| 13-Jul-11 | Myles Rusk | | 1217421 | 1217421 | WHI11000758 | 1DX15 | 0.6 | 10 | 10.2 | 36 | 0.1 | 12 | 4.1 | 109 | 1.56 | 7.1 | 12 | 1.1 | 8 | |
| 13-Jul-11 | Myles Rusk | | 1217422 | 1217422 | WHI11000758 | 1DX15 | 0.7 | 10.5 | 9.7 | 36 | <0.1 | 13.1 | 4.1 | 102 | 1.64 | 7.2 | 1.8 | 1 | 8 | |
| 13-Jul-11 | Myles Rusk | | 1217423 | 1217423 | WHI11000758 | 1DX15 | 0.7 | 30.4 | 16.1 | 69 | <0.1 | 27.1 | 12.6 | 592 | 2.9 | 10.1 | 2 | 9 | 12 | |
| 13-Jul-11 | Myles Rusk | | 1217424 | 1217424 | WHI11000758 | 1DX15 | 0.8 | 21.7 | 13.1 | 63 | <0.1 | 23.5 | 9.2 | 289 | 2.66 | 12.3 | 2 | 4.3 | 12 | |
| 13-Jul-11 | Myles Rusk | | 1217425 | 1217425 | WHI11000758 | 1DX15 | 0.7 | 28.8 | 15.7 | 79 | 0.1 | 28.8 | 10.5 | 388 | 3.01 | 30.7 | 4.6 | 8.6 | 18 | |
| 13-Jul-11 | Myles Rusk | | 1217426 | 1217426 | WHI11000758 | 1DX15 | 0.5 | 22.8 | 12 | 61 | <0.1 | 24.7 | 11.1 | 299 | 2.51 | 13.7 | 2.4 | 10.3 | 12 | |
| 13-Jul-11 | Myles Rusk | | 1217427 | 1217427 | WHI11000758 | 1DX15 | 0.6 | 23.9 | 13.4 | 72 | <0.1 | 23.9 | 9.1 | 338 | 2.63 | 22.1 | 3.5 | 7.9 | 16 | |
| 13-Jul-11 | Myles Rusk | | 1217428 | 1217428 | WHI11000758 | 1DX15 | 0.7 | 16.4 | 14.7 | 57 | <0.1 | 19.6 | 10.1 | 550 | 2.28 | 17.4 | 1.7 | 8.2 | 15 | |
| 13-Jul-11 | Myles Rusk | | 1217429 | 1217429 | WHI11000758 | 1DX15 | 0.6 | 18.4 | 13.2 | 55 | <0.1 | 19.2 | 8.3 | 299 | 2.31 | 12.6 | 26.8 | 8.4 | 12 | |
| 13-Jul-11 | Myles Rusk | | 1217430 | 1217430 | WHI11000758 | 1DX15 | 0.8 | 22.7 | 18.8 | 45 | 0.2 | 17.3 | 6.1 | 156 | 2.49 | 12.9 | 2.9 | 1.1 | 10 | |
| 14-Jul-11 | Myles Rusk | OV-0090 | 1217431 | 1217431 | WHI11000758 | 1DX15 | 1 | 14.9 | 10.5 | 55 | <0.1 | 15 | 6.3 | 233 | 2.15 | 10.7 | 1.6 | 0.9 | 7 | |
| 14-Jul-11 | Myles Rusk | OV-0091 | 1217432 | 1217432 | WHI11000758 | 1DX15 | 1 | 15.7 | 11.1 | 68 | <0.1 | 16.7 | 7.7 | 261 | 2.27 | 12.8 | 9.8 | 1.5 | 6 | |
| 14-Jul-11 | Myles Rusk | OV-0092 | 1217433 | 1217433 | WHI11000758 | 1DX15 | 1 | 12.7 | 11.1 | 52 | <0.1 | 13.5 | 5.6 | 212 | 2.11 | 9.7 | 2.5 | 0.5 | 6 | |
| 14-Jul-11 | Myles Rusk | OV-0093 | 1217434 | 1217434 | WHI11000758 | 1DX15 | 1.2 | 19.3 | 17 | 63 | 0.2 | 18.5 | 11.5 | 356 | 2.5 | 11.1 | 5.8 | 0.7 | 7 | |
| 14-Jul-11 | Myles Rusk | OV-0094 | 1217435 | 1217435 | WHI11000758 | 1DX15 | 1 | 14.5 | 11 | 56 | <0.1 | 12.5 | 8.4 | 459 | 2.09 | 9.9 | 18.1 | 0.4 | 5 | |
| 14-Jul-11 | Myles Rusk | OV-0095 | 1217436 | 1217436 | WHI11000758 | 1DX15 | 1.1 | 14.2 | 10.1 | 56 | <0.1 | 14.2 | 6.9 | 321 | 2.13 | 10.3 | 2.8 | 0.5 | 5 | |
| 14-Jul-11 | Myles Rusk | OV-0096 | 1217437 | 1217437 | WHI11000758 | 1DX15 | 0.8 | 12.6 | 10 | 55 | <0.1 | 13.5 | 5.4 | 175 | 2.08 | 10.1 | 2.7 | 0.7 | 5 | |
| 14-Jul-11 | Myles Rusk | OV-0097 | 1217438 | 1217438 | WHI11000758 | 1DX15 | 0.8 | 11.9 | 9.2 | 51 | <0.1 | 12.2 | 6.4 | 249 | 2 | 10.7 | 1.4 | 0.8 | 4 | |
| 14-Jul-11 | Myles Rusk | OV-0098 | 1217439 | 1217439 | WHI11000758 | 1DX15 | 1.3 | 15.4 | 14.1 | 62 | <0.1 | 14.2 | 11.6 | 549 | 2.66 | 12.4 | 1 | 1.6 | 6 | |
| 14-Jul-11 | Myles Rusk | OV-0099 | 1217440 | 1217440 | WHI11000758 | 1DX15 | 0.8 | 14.7 | 9.9 | 40 | <0.1 | 12 | 4.3 | 132 | 1.73 | 9.1 | 2.3 | 0.4 | 5 | |
| 14-Jul-11 | Myles Rusk | OV-0100 | 1217441 | 1217441 | WHI11000758 | 1DX15 | 0.9 | 23.2 | 9.2 | 49 | <0.1 | 16 | 7.3 | 221 | 2.02 | 10 | 2.1 | 1.4 | 6 | |
| 14-Jul-11 | Myles Rusk | OV-0101 | 1217442 | 1217442 | WHI11000758 | 1DX15 | 0.9 | 10.2 | 8.7 | 32 | <0.1 | 8.8 | 3.5 | 108 | 1.57 | 7.8 | 2.4 | 0.3 | 5 | |
| 14-Jul-11 | Myles Rusk | OV-0102 | 1217443 | 1217443 | WHI11000758 | 1DX15 | 0.9 | 14.5 | 12.2 | 45 | <0.1 | 13.3 | 5.5 | 204 | 2.51 | 14.5 | 3.2 | 2.6 | 4 | |
| 14-Jul-11 | Myles Rusk | OV-0103 | 1217444 | 1217444 | WHI11000758 | 1DX15 | 1 | 19.6 | 11.6 | 45 | <0.1 | 14.6 | 6.9 | 200 | 2.26 | 17.9 | 3.3 | 0.6 | 5 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | | | |
|-----------|--------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | | | |
| 14-Jul-11 | Myles Rusk | OV-0104 | 1217445 | 1217445 | WHI11000758 | 1DX15 | 1.2 | 11.7 | 9.5 | 41 | <0.1 | 12 | 4.9 | 162 | 1.94 | 9.5 | 3.6 | 1.2 | 5 | | | |
| 14-Jul-11 | Myles Rusk | OV-0105 | 1217446 | 1217446 | WHI11000758 | 1DX15 | 0.9 | 12.7 | 8.6 | 46 | <0.1 | 10.9 | 4.2 | 130 | 2.06 | 10 | 3 | 1 | 6 | | | |
| 14-Jul-11 | Myles Rusk | OV-0106 | 1217447 | 1217447 | WHI11000758 | 1DX15 | 0.9 | 15.9 | 8.2 | 47 | <0.1 | 15.5 | 6.1 | 214 | 2.11 | 10.3 | 7.9 | 1.2 | 6 | | | |
| 14-Jul-11 | Myles Rusk | OV-0107 | 1217448 | 1217448 | WHI11000758 | 1DX15 | 0.9 | 11.7 | 9.6 | 30 | <0.1 | 10 | 3.4 | 91 | 1.73 | 8.9 | 3.2 | 0.2 | 5 | | | |
| 14-Jul-11 | Myles Rusk | OV-0108 | 1217449 | 1217449 | WHI11000758 | 1DX15 | 1 | 16.6 | 9.2 | 48 | <0.1 | 14.6 | 5.4 | 155 | 1.93 | 8.3 | 2.2 | 1.9 | 4 | | | |
| 14-Jul-11 | Myles Rusk | OV-0109 | 1217450 | 1217450 | WHI11000758 | 1DX15 | 1 | 10.7 | 7.5 | 49 | <0.1 | 12.8 | 4.8 | 133 | 1.99 | 10.1 | 1.9 | 1.4 | 5 | | | |
| 13-Jul-11 | Sam Snelling | | 1217451 | 1217451 | WHI11000757 | 1DX15 | 0.9 | 24.4 | 10.1 | 61 | <0.1 | 22.9 | 9.6 | 306 | 2.22 | 8.5 | 8.7 | 4.7 | 9 | | | |
| 13-Jul-11 | Sam Snelling | | 1217452 | 1217452 | WHI11000757 | 1DX15 | 1 | 18 | 14 | 43 | <0.1 | 16.6 | 7.3 | 175 | 2.3 | 10.6 | 14.5 | 4.7 | 6 | | | |
| 13-Jul-11 | Sam Snelling | | 1217453 | 1217453 | WHI11000757 | 1DX15 | 0.7 | 14.3 | 9.7 | 45 | <0.1 | 16 | 7.6 | 256 | 2.04 | 12.4 | 0.9 | 4.2 | 7 | | | |
| 13-Jul-11 | Sam Snelling | | 1217454 | 1217454 | WHI11000757 | 1DX15 | 0.6 | 16.9 | 7.8 | 45 | <0.1 | 16 | 8.2 | 300 | 1.81 | 11.2 | 2.5 | 3 | 9 | | | |
| 13-Jul-11 | Sam Snelling | | 1217455 | 1217455 | WHI11000757 | 1DX15 | 1.1 | 14.7 | 10.4 | 49 | <0.1 | 14.4 | 8.1 | 308 | 2.11 | 10.7 | 1.3 | 3.2 | 6 | | | |
| 13-Jul-11 | Sam Snelling | | 1217456 | 1217456 | WHI11000757 | 1DX15 | 1 | 12.5 | 8.8 | 43 | <0.1 | 11.6 | 5.1 | 166 | 2.02 | 10.7 | 1.1 | 2.8 | 5 | | | |
| 13-Jul-11 | Sam Snelling | | 1217457 | 1217457 | WHI11000757 | 1DX15 | 0.9 | 19.6 | 8.9 | 52 | <0.1 | 15.8 | 8.7 | 347 | 2.07 | 10.7 | 1.9 | 2.8 | 7 | | | |
| 13-Jul-11 | Sam Snelling | | 1217458 | 1217458 | WHI11000757 | 1DX15 | 1 | 15.2 | 10.5 | 56 | <0.1 | 18.5 | 10.8 | 316 | 2.41 | 12.1 | 0.9 | 6.4 | 6 | | | |
| 13-Jul-11 | Sam Snelling | | 1217459 | 1217459 | WHI11000757 | 1DX15 | 0.9 | 12.5 | 10 | 40 | <0.1 | 12.6 | 5.4 | 173 | 1.98 | 9.5 | 1.8 | 1.5 | 6 | | | |
| 13-Jul-11 | Sam Snelling | | 1217460 | 1217460 | WHI11000757 | 1DX15 | 1.2 | 14.9 | 10.6 | 50 | <0.1 | 13.8 | 6.5 | 196 | 2.37 | 11.5 | 1.3 | 4.2 | 6 | | | |
| 13-Jul-11 | Sam Snelling | | 1217461 | 1217461 | WHI11000757 | 1DX15 | 1.1 | 37.2 | 10.2 | 54 | <0.1 | 20.5 | 8.9 | 343 | 2.33 | 11.5 | 1.5 | 5.2 | 7 | | | |
| 13-Jul-11 | Sam Snelling | | 1217462 | 1217462 | WHI11000757 | 1DX15 | 0.9 | 13.2 | 10.3 | 40 | <0.1 | 14 | 5.4 | 155 | 2.09 | 10.5 | <0.5 | 0.4 | 9 | | | |
| 13-Jul-11 | Sam Snelling | | 1217463 | 1217463 | WHI11000757 | 1DX15 | 0.9 | 9.9 | 8 | 35 | <0.1 | 9.2 | 3.5 | 106 | 1.72 | 7.5 | <0.5 | 0.6 | 5 | | | |
| 13-Jul-11 | Sam Snelling | | 1217464 | 1217464 | WHI11000757 | 1DX15 | 0.8 | 16.6 | 9.7 | 51 | <0.1 | 16.1 | 7 | 256 | 1.96 | 8.7 | 50.7 | 2.3 | 8 | | | |
| 13-Jul-11 | Sam Snelling | | 1217465 | 1217465 | WHI11000757 | 1DX15 | 0.6 | 14.4 | 10 | 39 | <0.1 | 13.8 | 6.6 | 216 | 1.92 | 8.1 | 2 | 2.1 | 6 | | | |
| 13-Jul-11 | Sam Snelling | | 1217466 | 1217466 | WHI11000757 | 1DX15 | 0.7 | 24.1 | 10.5 | 45 | <0.1 | 16.5 | 7.3 | 225 | 1.98 | 8.9 | 2.7 | 5.2 | 7 | | | |
| 13-Jul-11 | Sam Snelling | | 1217467 | 1217467 | WHI11000757 | 1DX15 | 0.9 | 9.6 | 10.4 | 42 | <0.1 | 10.9 | 6.1 | 238 | 2.16 | 9.3 | 5.3 | 4.7 | 6 | | | |
| 13-Jul-11 | Sam Snelling | | 1217468 | 1217468 | WHI11000757 | 1DX15 | 0.7 | 19.9 | 9.9 | 46 | <0.1 | 16.5 | 7.1 | 216 | 2.11 | 9.7 | 15.8 | 5 | 7 | | | |
| 13-Jul-11 | Sam Snelling | | 1217469 | 1217469 | WHI11000757 | 1DX15 | 0.7 | 24.6 | 11.7 | 62 | <0.1 | 20.7 | 8.2 | 151 | 1.9 | 5.6 | 13.1 | 6.5 | 26 | | | |
| 13-Jul-11 | Sam Snelling | | 1217470 | 1217470 | WHI11000757 | 1DX15 | 0.6 | 20.1 | 11.1 | 54 | <0.1 | 20.9 | 8.4 | 294 | 1.92 | 5.6 | 1.5 | 6.4 | 25 | | | |
| 13-Jul-11 | Sam Snelling | | 1217471 | 1217471 | WHI11000757 | 1DX15 | 0.7 | 18.1 | 8.5 | 49 | <0.1 | 17.3 | 8.7 | 353 | 1.77 | 5.8 | 4.4 | 5.4 | 20 | | | |
| 13-Jul-11 | Sam Snelling | | 1217472 | 1217472 | WHI11000757 | 1DX15 | 0.7 | 20.4 | 8 | 42 | <0.1 | 16 | 5.2 | 148 | 1.74 | 8.3 | 1.9 | 2.9 | 11 | | | |
| 13-Jul-11 | Sam Snelling | | 1217473 | 1217473 | WHI11000757 | 1DX15 | 0.7 | 15.7 | 6.5 | 40 | <0.1 | 14.1 | 4.6 | 146 | 1.5 | 7 | 0.7 | 0.7 | 10 | | | |
| 13-Jul-11 | Sam Snelling | | 1217474 | 1217474 | WHI11000757 | 1DX15 | 0.7 | 30.6 | 12 | 67 | <0.1 | 28.1 | 11.8 | 420 | 2.75 | 10.4 | 1.7 | 11.1 | 10 | | | |
| 13-Jul-11 | Sam Snelling | | 1217475 | 1217475 | WHI11000757 | 1DX15 | 0.6 | 17.7 | 8.4 | 43 | <0.1 | 15.3 | 7.2 | 218 | 1.93 | 9.9 | 1.2 | 4.4 | 7 | | | |
| 13-Jul-11 | Sam Snelling | | 1217476 | 1217476 | WHI11000757 | 1DX15 | 0.6 | 21.6 | 10.4 | 51 | <0.1 | 18.5 | 8.5 | 303 | 2.27 | 8.6 | 1.2 | 6.6 | 10 | | | |
| 14-Jul-11 | Sam Snelling | OV-0294 | 1217477 | 1217477 | WHI11000757 | 1DX15 | 0.7 | 20 | 6.4 | 41 | <0.1 | 16.7 | 5 | 253 | 1.38 | 6.6 | 1.9 | 4 | 12 | | | |
| 14-Jul-11 | Sam Snelling | OV-0293 | 1217478 | 1217478 | WHI11000757 | 1DX15 | 0.7 | 19.7 | 6.6 | 42 | <0.1 | 18.3 | 6.5 | 152 | 1.45 | 6.7 | 2 | 3.6 | 15 | | | |
| 14-Jul-11 | Sam Snelling | OV-0292 | 1217479 | 1217479 | WHI11000757 | 1DX15 | 0.8 | 26.8 | 10.1 | 61 | 0.1 | 22.5 | 6.5 | 274 | 1.99 | 8.5 | 1.9 | 5.8 | 18 | | | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|--------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 14-Jul-11 | Sam Snelling | OV-0291 | 1217480 | 1217480 | WHI11000757 | 1DX15 | 1 | 28 | 12.9 | 67 | 0.1 | 29 | 8.1 | 302 | 2.28 | 9.2 | 1.3 | 7.7 | 17 | |
| 14-Jul-11 | Sam Snelling | OV-0290 | 1217481 | 1217481 | WHI11000757 | 1DX15 | 1 | 32.2 | 13.5 | 70 | <0.1 | 25.8 | 10.2 | 474 | 2.47 | 10.2 | 3.4 | 9.5 | 17 | |
| 14-Jul-11 | Sam Snelling | OV-0289 | 1217482 | 1217482 | WHI11000757 | 1DX15 | 1.3 | 10.2 | 7.9 | 43 | <0.1 | 14.4 | 6.4 | 434 | 1.69 | 7.2 | 1.6 | 4.4 | 9 | |
| 14-Jul-11 | Sam Snelling | OV-0288 | 1217483 | 1217483 | WHI11000757 | 1DX15 | 1 | 13.9 | 9.1 | 51 | 0.1 | 16.3 | 7.5 | 417 | 2.02 | 6.2 | 1.4 | 5.8 | 9 | |
| 14-Jul-11 | Sam Snelling | OV-0287 | 1217484 | 1217484 | WHI11000757 | 1DX15 | 1 | 29.1 | 13.1 | 73 | <0.1 | 25.5 | 9.8 | 250 | 2.7 | 13.2 | 2.1 | 11.2 | 10 | |
| 14-Jul-11 | Sam Snelling | OV-0286 | 1217485 | 1217485 | WHI11000757 | 1DX15 | 1.2 | 32.6 | 11.6 | 66 | <0.1 | 20.3 | 9.5 | 152 | 2.4 | 13 | 2.5 | 7.6 | 8 | |
| 14-Jul-11 | Sam Snelling | OV-0285 | 1217486 | 1217486 | WHI11000757 | 1DX15 | 0.7 | 9.6 | 8.3 | 41 | <0.1 | 13.8 | 5.5 | 143 | 1.7 | 8.1 | 2.5 | 3.8 | 8 | |
| 14-Jul-11 | Sam Snelling | OV-0284 | 1217487 | 1217487 | WHI11000757 | 1DX15 | 0.8 | 16.2 | 10.5 | 42 | <0.1 | 19.5 | 6.2 | 161 | 1.84 | 10.5 | 4 | 5.4 | 10 | |
| 14-Jul-11 | Sam Snelling | OV-0283 | 1217488 | 1217488 | WHI11000757 | 1DX15 | 0.8 | 21.1 | 9.2 | 43 | <0.1 | 19.1 | 6.4 | 151 | 1.96 | 12.7 | 7.4 | 4.9 | 8 | |
| 14-Jul-11 | Sam Snelling | OV-0282 | 1217489 | 1217489 | WHI11000757 | 1DX15 | 1.7 | 52 | 16.3 | 60 | <0.1 | 32 | 11.4 | 454 | 2.72 | 17.2 | 6.4 | 10.8 | 15 | |
| 14-Jul-11 | Sam Snelling | OV-0546 | 1217490 | 1217490 | WHI11000757 | 1DX15 | 0.7 | 12.4 | 7 | 41 | <0.1 | 15.9 | 6 | 205 | 1.88 | 6.6 | 0.9 | 5.4 | 7 | |
| 14-Jul-11 | Sam Snelling | OV-0595 | 1217491 | 1218491 | WHI11000757 | 1DX15 | 0.9 | 18.2 | 7.9 | 43 | <0.1 | 19.7 | 5.9 | 132 | 1.87 | 9.2 | 1.3 | 4.8 | 7 | |
| 14-Jul-11 | Sam Snelling | OV-0594 | 1217492 | 1218492 | WHI11000757 | 1DX15 | 1.1 | 16.9 | 8.5 | 45 | <0.1 | 16.4 | 6.7 | 157 | 2.09 | 13 | 1.7 | 5.2 | 6 | |
| 14-Jul-11 | Sam Snelling | OV-0593 | 1217493 | 1218493 | WHI11000757 | 1DX15 | 0.8 | 15.5 | 6.8 | 41 | <0.1 | 16.4 | 5.8 | 142 | 1.78 | 8.3 | 1.3 | 4.5 | 6 | |
| 14-Jul-11 | Sam Snelling | OV-0592 | 1217494 | 1218494 | WHI11000757 | 1DX15 | 0.9 | 24.8 | 9.1 | 54 | <0.1 | 23.4 | 9.2 | 187 | 2.43 | 8.4 | 1.8 | 7.7 | 8 | |
| 14-Jul-11 | Sam Snelling | OV-0591 | 1217495 | 1218495 | WHI11000757 | 1DX15 | 1.1 | 21.7 | 11.7 | 46 | <0.1 | 16.8 | 8.1 | 254 | 2.65 | 6.1 | 0.6 | 6 | 6 | |
| 14-Jul-11 | Sam Snelling | OV-0590 | 1217496 | 1218496 | WHI11000757 | 1DX15 | 1.1 | 17 | 9.2 | 51 | 0.1 | 20.1 | 8.3 | 139 | 2.47 | 12.8 | 0.9 | 4.7 | 6 | |
| 14-Jul-11 | Sam Snelling | OV-0589 | 1217497 | 1218497 | WHI11000757 | 1DX15 | 0.8 | 33.7 | 10.7 | 60 | <0.1 | 24.5 | 9.9 | 192 | 2.77 | 12.2 | 3.4 | 11.4 | 7 | |
| 14-Jul-11 | Sam Snelling | OV-0588 | 1217498 | 1218498 | WHI11000757 | 1DX15 | 0.8 | 36.6 | 14.6 | 68 | <0.1 | 32.5 | 12.3 | 198 | 3.09 | 6.7 | 2.7 | 12.1 | 7 | |
| 14-Jul-11 | Sam Snelling | OV-0587 | 1217499 | 1218499 | WHI11000757 | 1DX15 | 0.7 | 21.1 | 7.6 | 42 | <0.1 | 18.5 | 6.5 | 155 | 1.73 | 11.2 | 19.7 | 5 | 6 | |
| 14-Jul-11 | Sam Snelling | OV-0586 | 1217500 | 1218500 | WHI11000757 | 1DX15 | 0.6 | 40.8 | 15 | 74 | 0.1 | 35.9 | 12.9 | 190 | 3.37 | 6.3 | 1.5 | 15.2 | 7 | |
| 15-Jul-11 | Conner McKay | OV-0331 | 1217501 | 1217501 | WHI11000809 | 1DX15 | 1 | 12.5 | 10 | 32 | <0.1 | 12.1 | 4.2 | 135 | 1.58 | 6.8 | 0.9 | 0.6 | 6 | |
| 15-Jul-11 | Conner McKay | OV-0340 | 1217502 | 1217502 | WHI11000809 | 1DX15 | 0.7 | 14.1 | 7.9 | 40 | <0.1 | 14 | 4.8 | 133 | 1.79 | 6.6 | 3 | 1.2 | 6 | |
| 15-Jul-11 | Conner McKay | OV-0341 | 1217503 | 1217503 | WHI11000809 | 1DX15 | 0.8 | 13.3 | 9.3 | 43 | <0.1 | 14 | 4.9 | 150 | 2.01 | 8.3 | 6.6 | 2.3 | 6 | |
| 15-Jul-11 | Conner McKay | OV-0342 | 1217504 | 1217504 | WHI11000809 | 1DX15 | 0.8 | 10.2 | 7.9 | 45 | <0.1 | 11.7 | 5.4 | 221 | 1.83 | 7.6 | 3.1 | 1.5 | 6 | |
| 15-Jul-11 | Conner McKay | OV-0343 | 1217505 | 1217505 | WHI11000809 | 1DX15 | 1 | 14.2 | 9.6 | 52 | <0.1 | 16.1 | 6.3 | 219 | 2.24 | 7.5 | <0.5 | 3.1 | 6 | |
| 15-Jul-11 | Conner McKay | OV-0344 | 1217506 | 1217506 | WHI11000809 | 1DX15 | 0.9 | 15.1 | 9.4 | 52 | <0.1 | 16.8 | 6.8 | 200 | 2.29 | 9 | 3.4 | 3.1 | 6 | |
| 15-Jul-11 | Conner McKay | OV-0345 | 1217507 | 1217507 | WHI11000809 | 1DX15 | 0.8 | 12.1 | 10 | 32 | <0.1 | 11.1 | 4.1 | 130 | 1.79 | 8 | 1.1 | 1 | 6 | |
| 15-Jul-11 | Conner McKay | OV-0346 | 1217508 | 1217508 | WHI11000809 | 1DX15 | 0.7 | 9.5 | 8.4 | 36 | <0.1 | 9.8 | 4 | 127 | 1.73 | 8.1 | 0.8 | 0.9 | 5 | |
| 15-Jul-11 | Conner McKay | OV-0347 | 1217509 | 1217509 | WHI11000809 | 1DX15 | 0.7 | 14.8 | 8.4 | 42 | <0.1 | 12.9 | 4.6 | 128 | 1.79 | 7.7 | 6.7 | 2.1 | 6 | |
| 15-Jul-11 | Conner McKay | OV-0348 | 1217510 | 1217510 | WHI11000809 | 1DX15 | 0.8 | 19 | 9 | 51 | <0.1 | 17.6 | 6.8 | 212 | 2.08 | 7.9 | 2.8 | 1.8 | 7 | |
| 15-Jul-11 | Conner McKay | OV-0349 | 1217511 | 1217511 | WHI11000809 | 1DX15 | 1.2 | 18.6 | 10.4 | 53 | <0.1 | 17.9 | 7 | 229 | 2.24 | 10.6 | 31.5 | 2.4 | 7 | |
| 15-Jul-11 | Conner McKay | OV-0350 | 1217512 | 1217512 | WHI11000809 | 1DX15 | 1.1 | 20.1 | 11.5 | 54 | <0.1 | 18.8 | 9.6 | 282 | 2.37 | 11.8 | 1.9 | 1.6 | 8 | |
| 15-Jul-11 | Conner McKay | OV-0351 | 1217513 | 1217513 | WHI11000809 | 1DX15 | 1.1 | 15.4 | 12.4 | 58 | <0.1 | 18.3 | 8.7 | 308 | 2.59 | 8.9 | 1.1 | 2.4 | 9 | |
| 15-Jul-11 | Conner McKay | OV-0352 | 1217514 | 1217514 | WHI11000809 | 1DX15 | 0.6 | 19.3 | 7.2 | 51 | <0.1 | 22.5 | 7.8 | 181 | 2.43 | 5.5 | 1.4 | 5.8 | 5 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|--------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 15-Jul-11 | Conner McKay | OV-0353 | 1217515 | 1217515 | WHI11000809 | 1DX15 | 0.7 | 14.6 | 8.9 | 43 | <0.1 | 13.4 | 5 | 180 | 1.97 | 8.1 | 2.4 | 1.7 | 6 | |
| 15-Jul-11 | Conner McKay | OV-0354 | 1217516 | 1217516 | WHI11000809 | 1DX15 | 1 | 23.3 | 10.5 | 60 | <0.1 | 24.2 | 9.4 | 296 | 2.28 | 9.8 | 2.3 | 4.7 | 9 | |
| 15-Jul-11 | Conner McKay | OV-0355 | 1217517 | 1217517 | WHI11000809 | 1DX15 | 0.8 | 12.5 | 9.3 | 40 | <0.1 | 12.4 | 4.4 | 147 | 1.83 | 8.4 | 0.7 | 1.4 | 6 | |
| 15-Jul-11 | Conner McKay | OV-0356 | 1217518 | 1217518 | WHI11000809 | 1DX15 | 0.7 | 15.7 | 11.4 | 42 | <0.1 | 15.1 | 5.2 | 168 | 1.84 | 7.6 | 36.7 | 1.6 | 6 | |
| 15-Jul-11 | Conner McKay | OV-0357 | 1217519 | 1217519 | WHI11000809 | 1DX15 | 1.2 | 16.7 | 12.9 | 53 | <0.1 | 16.8 | 6.8 | 261 | 2.32 | 9.7 | 1.9 | 2 | 7 | |
| 15-Jul-11 | Conner McKay | OV-0358 | 1217520 | 1217520 | WHI11000809 | 1DX15 | 0.9 | 19 | 12.5 | 52 | <0.1 | 17.8 | 8.1 | 270 | 2.23 | 10.6 | 1.8 | 2.5 | 8 | |
| 15-Jul-11 | Conner McKay | OV-0359 | 1217521 | 1217521 | WHI11000809 | 1DX15 | 1.1 | 14.2 | 13.5 | 48 | <0.1 | 15.1 | 5.7 | 195 | 1.99 | 8.3 | 9.2 | 0.9 | 7 | |
| 15-Jul-11 | Conner McKay | OV-0360 | 1217522 | 1217522 | WHI11000809 | 1DX15 | 0.6 | 12.7 | 9.1 | 41 | <0.1 | 12.1 | 4.9 | 193 | 2.02 | 9.1 | <0.5 | 1.1 | 7 | |
| 15-Jul-11 | Conner McKay | OV-0361 | 1217523 | 1217523 | WHI11000809 | 1DX15 | 0.9 | 12.6 | 11.4 | 36 | <0.1 | 11 | 4.2 | 138 | 1.96 | 8.8 | 2 | 1 | 6 | |
| 15-Jul-11 | Conner McKay | OV-0362 | 1217524 | 1217524 | WHI11000809 | 1DX15 | 1.2 | 12.5 | 13.4 | 48 | <0.1 | 17.4 | 6.3 | 313 | 1.85 | 7.3 | 16.8 | 5.1 | 11 | |
| 15-Jul-11 | Conner McKay | OV-0363 | 1217525 | 1217525 | WHI11000809 | 1DX15 | 0.9 | 7.2 | 9 | 27 | <0.1 | 6.8 | 2.9 | 133 | 1.61 | 9 | 1.5 | 1.3 | 5 | |
| 15-Jul-11 | Conner McKay | OV-0364 | 1217526 | 1217526 | WHI11000809 | 1DX15 | 0.7 | 4.4 | 8.5 | 12 | <0.1 | 4.5 | 1.5 | 36 | 0.64 | 4.4 | <0.5 | 0.8 | 4 | |
| 15-Jul-11 | Conner McKay | OV-0365 | 1217527 | 1217527 | WHI11000809 | 1DX15 | 1 | 13.1 | 13.8 | 41 | <0.1 | 13.9 | 5.3 | 185 | 2.13 | 10.8 | 1.5 | 3.1 | 8 | |
| 15-Jul-11 | Conner McKay | OV-0366 | 1217528 | 1217528 | WHI11000809 | 1DX15 | 0.8 | 10.1 | 11.1 | 31 | <0.1 | 9.8 | 3.7 | 119 | 1.81 | 9.9 | 14.5 | 0.5 | 6 | |
| 15-Jul-11 | Conner McKay | OV-0367 | 1217529 | 1217529 | WHI11000809 | 1DX15 | 1 | 15.4 | 9.7 | 45 | <0.1 | 14 | 5.3 | 156 | 1.94 | 9.4 | 38.8 | 0.9 | 6 | |
| 15-Jul-11 | Conner McKay | OV-0368 | 1217530 | 1217530 | WHI11000809 | 1DX15 | 0.7 | 11.3 | 6.9 | 22 | <0.1 | 8.2 | 3.4 | 83 | 1.2 | 11.2 | 14.3 | 0.6 | 7 | |
| 15-Jul-11 | Conner McKay | OV-0369 | 1217531 | 1217531 | WHI11000809 | 1DX15 | 0.7 | 13.9 | 9.1 | 43 | <0.1 | 15 | 6.6 | 207 | 1.88 | 11.9 | 1.8 | 2.7 | 11 | |
| 15-Jul-11 | Conner McKay | OV-0370 | 1217532 | 1217532 | WHI11000809 | 1DX15 | 0.6 | 12.6 | 10 | 33 | <0.1 | 11.5 | 4.9 | 161 | 1.73 | 11.2 | 0.8 | 3.3 | 8 | |
| 23-Jul-11 | Conner McKay | OV-1087 | 1217664 | 1217664 | WHI11000905 | 1DX15 | 1.1 | 24.3 | 19.3 | 60 | <0.1 | 18.9 | 8.1 | 353 | 1.92 | 11.7 | 4.2 | 4.7 | 9 | |
| 23-Jul-11 | Conner McKay | OV-1088 | 1217665 | 1217665 | WHI11000905 | 1DX15 | 1.1 | 18.1 | 11.1 | 51 | <0.1 | 18.5 | 8.9 | 302 | 2.07 | 9.3 | 3 | 3.7 | 7 | |
| 23-Jul-11 | Conner McKay | OV-1089 | 1217666 | 1217666 | WHI11000905 | 1DX15 | 1 | 21.5 | 19.3 | 53 | <0.1 | 18.7 | 9 | 372 | 2.12 | 10.2 | 2.1 | 4.1 | 8 | |
| 23-Jul-11 | Conner McKay | OV-1090 | 1217667 | 1217667 | WHI11000905 | 1DX15 | 0.9 | 20.4 | 10.8 | 48 | <0.1 | 18.2 | 8.5 | 249 | 2.02 | 10.8 | 1.6 | 3.7 | 6 | |
| 23-Jul-11 | Conner McKay | OV-1091 | 1217668 | 1217668 | WHI11000905 | 1DX15 | 0.8 | 9.5 | 11.4 | 37 | <0.1 | 11.6 | 4.4 | 144 | 2.12 | 11.4 | 1.5 | 3 | 5 | |
| 23-Jul-11 | Conner McKay | OV-1092 | 1217669 | 1217669 | WHI11000905 | 1DX15 | 0.8 | 21.8 | 9.8 | 47 | <0.1 | 17.5 | 6.9 | 217 | 1.9 | 7.5 | 2.1 | 2.8 | 7 | |
| 23-Jul-11 | Conner McKay | OV-1093 | 1217670 | 1217670 | WHI11000905 | 1DX15 | 0.9 | 14.6 | 10.4 | 51 | <0.1 | 14 | 5.7 | 164 | 2.19 | 10.1 | 3.5 | 3.4 | 7 | |
| 23-Jul-11 | Conner McKay | OV-1094 | 1217671 | 1217671 | WHI11000905 | 1DX15 | 1 | 12.4 | 10.4 | 38 | <0.1 | 14.4 | 5.1 | 164 | 1.99 | 9.6 | 1.7 | 1.5 | 6 | |
| 23-Jul-11 | Conner McKay | OV-1095 | 1217672 | 1217672 | WHI11000905 | 1DX15 | 0.6 | 8.5 | 12.1 | 20 | <0.1 | 7.9 | 2.3 | 67 | 1.64 | 6.4 | 2 | 0.4 | 5 | |
| 23-Jul-11 | Conner McKay | OV-1096 | 1217673 | 1217673 | WHI11000905 | 1DX15 | 0.9 | 24.1 | 11.1 | 46 | <0.1 | 19.2 | 9.4 | 340 | 2.31 | 10.4 | 3.8 | 3.5 | 8 | |
| 23-Jul-11 | Conner McKay | OV-1097 | 1217674 | 1217674 | WHI11000905 | 1DX15 | 0.7 | 12.3 | 9.6 | 36 | <0.1 | 13.7 | 4.9 | 144 | 1.86 | 9.4 | 1.5 | 1.1 | 6 | |
| 23-Jul-11 | Conner McKay | OV-1098 | 1217675 | 1217675 | WHI11000905 | 1DX15 | 0.8 | 9.9 | 9.9 | 31 | <0.1 | 10.2 | 3.9 | 105 | 1.74 | 7.6 | 1.1 | 1 | 6 | |
| 23-Jul-11 | Conner McKay | OV-1099 | 1217676 | 1217676 | WHI11000905 | 1DX15 | 0.9 | 15 | 11.3 | 42 | <0.1 | 13.5 | 5 | 150 | 1.86 | 7.9 | 7.1 | 0.4 | 7 | |
| 23-Jul-11 | Conner McKay | OV-1100 | 1217677 | 1217677 | WHI11000905 | 1DX15 | 0.6 | 8.2 | 10.3 | 20 | <0.1 | 7.1 | 2.1 | 55 | 1.29 | 6 | 1.7 | 0.3 | 6 | |
| 23-Jul-11 | Conner McKay | OV-1101 | 1217678 | 1217678 | WHI11000905 | 1DX15 | 1 | 14.9 | 16.2 | 28 | <0.1 | 9.8 | 3 | 67 | 1.75 | 8.3 | 1.9 | 0.2 | 7 | |
| 23-Jul-11 | Conner McKay | OV-1102 | 1217679 | 1217679 | WHI11000905 | 1DX15 | 0.9 | 14.4 | 10.7 | 41 | <0.1 | 13.6 | 5 | 137 | 1.94 | 10.1 | 2 | 1.6 | 7 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|--------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 23-Jul-11 | Conner McKay | OV-1103 | 1217680 | 1217680 | WHI11000905 | 1DX15 | 0.7 | 15.9 | 12.3 | 51 | <0.1 | 15.4 | 7.4 | 253 | 1.85 | 8.2 | 3.2 | 1.5 | 7 | |
| 23-Jul-11 | Conner McKay | OV-1104 | 1217681 | 1217681 | WHI11000905 | 1DX15 | 0.7 | 10.7 | 43.3 | 53 | <0.1 | 11.6 | 4.2 | 162 | 1.39 | 17.2 | 3.2 | 0.5 | 6 | |
| 23-Jul-11 | Conner McKay | OV-1105 | 1217682 | 1217682 | WHI11000905 | 1DX15 | 1 | 4.5 | 17.3 | 21 | <0.1 | 4.7 | 1.6 | 59 | 1.5 | 6.6 | 1.1 | 0.2 | 6 | |
| 23-Jul-11 | Conner McKay | OV-1106 | 1217683 | 1217683 | WHI11000905 | 1DX15 | 0.9 | 11.5 | 25.1 | 22 | 0.1 | 8.2 | 1.9 | 47 | 1.19 | 9.5 | 1.6 | 0.2 | 6 | |
| 23-Jul-11 | Conner McKay | OV-1107 | 1217684 | 1217684 | WHI11000905 | 1DX15 | 1 | 10.5 | 12.8 | 42 | <0.1 | 11.9 | 5.3 | 183 | 2.04 | 8.4 | 8.1 | 3.3 | 6 | |
| 23-Jul-11 | Conner McKay | OV-1108 | 1217685 | 1217685 | WHI11000905 | 1DX15 | 0.9 | 44.1 | 303.2 | 438 | 2.7 | 21.1 | 7.5 | 1164 | 3.12 | 35.4 | 3.1 | 10.3 | 14 | |
| 23-Jul-11 | Conner McKay | OV-1109 | 1217686 | 1217686 | WHI11000905 | 1DX15 | 0.7 | 12.1 | 15 | 43 | <0.1 | 12 | 4.2 | 110 | 1.75 | 7.5 | 1.6 | 0.5 | 8 | |
| 23-Jul-11 | Conner McKay | OV-1110 | 1217687 | 1217687 | WHI11000905 | 1DX15 | 0.7 | 12.4 | 24.3 | 62 | 0.1 | 13.4 | 4.3 | 118 | 1.54 | 9.5 | 2 | 0.5 | 16 | |
| 23-Jul-11 | Conner McKay | OV-1111 | 1217688 | 1217688 | WHI11000905 | 1DX15 | 0.6 | 13.3 | 15 | 46 | <0.1 | 11.4 | 3.7 | 99 | 1.52 | 8.3 | 1.5 | 0.5 | 8 | |
| 23-Jul-11 | Conner McKay | OV-1112 | 1217689 | 1217689 | WHI11000905 | 1DX15 | 0.8 | 16.8 | 14.8 | 49 | 0.1 | 17.7 | 7 | 221 | 2.19 | 10.4 | 2.6 | 3 | 18 | |
| 23-Jul-11 | Conner McKay | OV-1113 | 1217690 | 1217690 | WHI11000905 | 1DX15 | 0.7 | 8.2 | 11 | 30 | <0.1 | 9.4 | 3.9 | 130 | 1.85 | 8.1 | 2.4 | 0.6 | 6 | |
| 23-Jul-11 | Conner McKay | OV-1114 | 1217691 | 1217691 | WHI11000905 | 1DX15 | 1.3 | 24.5 | 24.8 | 49 | <0.1 | 16.2 | 7.6 | 253 | 2.72 | 9.3 | 2.4 | 3.5 | 10 | |
| 23-Jul-11 | Conner McKay | OV-1115 | 1217692 | 1217692 | WHI11000905 | 1DX15 | 1.2 | 13.8 | 16.1 | 49 | <0.1 | 12 | 5 | 154 | 2.02 | 10.2 | <0.5 | 0.7 | 9 | |
| 23-Jul-11 | Conner McKay | OV-1116 | 1217693 | 1217693 | WHI11000905 | 1DX15 | 1.2 | 7.1 | 12.7 | 30 | <0.1 | 8.8 | 3.1 | 110 | 1.86 | 9.7 | 1.2 | 2.3 | 5 | |
| 23-Jul-11 | Conner McKay | OV-1117 | 1217694 | 1217694 | WHI11000905 | 1DX15 | 1 | 25.3 | 34.5 | 78 | <0.1 | 17.6 | 10.3 | 460 | 2.54 | 13.6 | 4.6 | 1 | 12 | |
| 23-Jul-11 | Conner McKay | OV-1118 | 1217695 | 1217695 | WHI11000905 | 1DX15 | 0.5 | 11.2 | 11.8 | 32 | <0.1 | 8.8 | 2.7 | 77 | 1.21 | 6 | 2 | 0.3 | 5 | |
| 23-Jul-11 | Conner McKay | OV-1119 | 1217696 | 1217696 | WHI11000905 | 1DX15 | 0.7 | 12.2 | 12.4 | 44 | <0.1 | 13.2 | 5.8 | 150 | 2.15 | 9.7 | 2.9 | 3.4 | 7 | |
| 23-Jul-11 | Conner McKay | OV-1120 | 1217697 | 1217697 | WHI11000905 | 1DX15 | 1.2 | 15.4 | 13.7 | 55 | <0.1 | 16.3 | 7 | 230 | 2.51 | 11.8 | 3 | 3.9 | 6 | |
| 23-Jul-11 | Conner McKay | OV-1121 | 1217698 | 1217698 | WHI11000905 | 1DX15 | 0.9 | 18.9 | 13.1 | 79 | <0.1 | 20.2 | 10.5 | 355 | 2.37 | 12 | 4.1 | 4.8 | 8 | |
| 23-Jul-11 | Conner McKay | OV-1122 | 1217699 | 1217699 | WHI11000905 | 1DX15 | 0.8 | 18.5 | 10.4 | 81 | <0.1 | 16.3 | 5.9 | 203 | 1.79 | 10 | 2 | 1.8 | 9 | |
| 23-Jul-11 | Conner McKay | OV-1123 | 1217700 | 1217700 | WHI11000905 | 1DX15 | 0.9 | 13.9 | 30.7 | 88 | <0.1 | 15.1 | 6.7 | 224 | 2.34 | 15 | 3 | 3.2 | 7 | |
| 23-Jul-11 | Conner McKay | OV-1124 | 1217701 | 1217701 | WHI11000905 | 1DX15 | 0.7 | 10.1 | 17.6 | 36 | <0.1 | 8 | 2.9 | 81 | 1.81 | 12.4 | 1.1 | 1.2 | 5 | |
| 23-Jul-11 | Conner McKay | OV-1125 | 1217702 | 1217702 | WHI11000905 | 1DX15 | 0.8 | 18.5 | 48.5 | 184 | 0.2 | 18.1 | 8.3 | 327 | 1.84 | 41.1 | 4.2 | 1.7 | 10 | |
| 23-Jul-11 | Conner McKay | OV-1126 | 1217703 | 1217703 | WHI11000905 | 1DX15 | 0.8 | 7.8 | 32.2 | 100 | <0.1 | 11.1 | 3.2 | 112 | 1.3 | 9.4 | 1.5 | 0.6 | 7 | |
| 23-Jul-11 | Conner McKay | OV-1127 | 1217704 | 1217704 | WHI11000905 | 1DX15 | 1.1 | 21.4 | 28.1 | 97 | <0.1 | 19.1 | 8.9 | 325 | 2.03 | 26.2 | 1.4 | 3.2 | 9 | |
| 23-Jul-11 | Conner McKay | OV-1128 | 1217705 | 1217705 | WHI11000905 | 1DX15 | 0.9 | 16 | 17.7 | 70 | <0.1 | 15.7 | 7.2 | 229 | 2.01 | 10.3 | 1.8 | 4.7 | 9 | |
| 23-Jul-11 | Conner McKay | OV-1129 | 1217706 | 1217706 | WHI11000905 | 1DX15 | 0.9 | 10.2 | 18 | 54 | <0.1 | 12.2 | 5.5 | 199 | 2.6 | 12.4 | 6.2 | 2.9 | 6 | |
| 23-Jul-11 | Conner McKay | OV-1130 | 1217707 | 1217707 | WHI11000905 | 1DX15 | 0.9 | 15.9 | 20.5 | 102 | <0.1 | 14.8 | 7.6 | 242 | 2.25 | 15.5 | 3.1 | 4.9 | 6 | |
| 23-Jul-11 | Conner McKay | OV-1131 | 1217708 | 1217708 | WHI11000905 | 1DX15 | 1.2 | 16.7 | 48 | 255 | <0.1 | 18.5 | 9.8 | 466 | 2.47 | 47 | 1 | 1 | 6 | |
| 23-Jul-11 | Conner McKay | OV-1132 | 1217709 | 1217709 | WHI11000905 | 1DX15 | 1.1 | 19.4 | 40 | 170 | 0.1 | 19 | 7.6 | 241 | 2.39 | 28.9 | 3.6 | 5 | 8 | |
| 23-Jul-11 | Conner McKay | OV-1133 | 1217710 | 1217710 | WHI11000905 | 1DX15 | 1 | 36.5 | 51 | 167 | 0.3 | 13.2 | 6 | 243 | 2.11 | 50.5 | 2.3 | 1.2 | 8 | |
| 23-Jul-11 | Conner McKay | OV-1134 | 1217711 | 1217711 | WHI11000905 | 1DX15 | 1 | 31.5 | 25.1 | 116 | 0.1 | 17.8 | 8.5 | 278 | 2.17 | 19.1 | 5 | 2.9 | 10 | |
| 23-Jul-11 | Conner McKay | OV-1135 | 1217712 | 1217712 | WHI11000905 | 1DX15 | 1.4 | 76 | 126.7 | 602 | 0.8 | 32.2 | 11.3 | 517 | 2.8 | 58.5 | 2.5 | 6.9 | 21 | |
| 23-Jul-11 | Conner McKay | OV-1136 | 1217713 | 1217713 | WHI11000905 | 1DX15 | 1.1 | 127.6 | 143.3 | 1163 | 1.4 | 25 | 10.6 | 594 | 4.44 | 178.4 | 19.9 | 6.2 | 17 | |
| 23-Jul-11 | Conner McKay | OV-1137 | 1217714 | | | | | | | | | | | | | | | | | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | |
|-----------|--------------------------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0461 | 1217715 | 1217715 | WHI11000989 | 1DX15 | 1.1 | 29.3 | 17.8 | 71 | <0.1 | 23.9 | 10.5 | 408 | 2.93 | 14 | 2.2 | 4.7 | 10 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0462 | 1217716 | 1217716 | WHI11000989 | 1DX15 | 0.7 | 16.4 | 11 | 38 | <0.1 | 13.5 | 4.3 | 123 | 1.94 | 7.2 | 1 | 1.3 | 7 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0463 | 1217717 | 1217717 | WHI11000989 | 1DX15 | 0.7 | 18.5 | 11 | 49 | <0.1 | 15.1 | 5.6 | 282 | 2.11 | 9.2 | 1.2 | 1.8 | 7 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0464 | 1217718 | 1217718 | WHI11000989 | 1DX15 | 0.8 | 21.4 | 11.3 | 55 | <0.1 | 17.4 | 6.5 | 266 | 2.29 | 10 | 2.4 | 4.5 | 7 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0465 | 1217719 | 1217719 | WHI11000989 | 1DX15 | 0.8 | 12.4 | 11.1 | 40 | <0.1 | 12 | 3.9 | 135 | 1.77 | 9.8 | 3.4 | 2 | 7 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0466 | 1217720 | 1217720 | WHI11000989 | 1DX15 | 0.9 | 18.7 | 11.9 | 51 | <0.1 | 16.6 | 5.3 | 194 | 2.02 | 12.2 | 1.4 | 2.3 | 8 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0467 | 1217721 | 1217721 | WHI11000989 | 1DX15 | 1 | 22.4 | 16 | 46 | <0.1 | 15.2 | 6.3 | 271 | 2.33 | 13.1 | <0.5 | 1 | 6 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0468 | 1217722 | 1217722 | WHI11000989 | 1DX15 | 0.7 | 15.9 | 13.9 | 30 | <0.1 | 10.3 | 3.6 | 111 | 1.98 | 10.4 | 3.5 | 1 | 6 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0469 | 1217723 | 1217723 | WHI11000989 | 1DX15 | 0.7 | 21.4 | 14.1 | 54 | <0.1 | 19.3 | 7.6 | 286 | 2.5 | 9.3 | 8 | 3.6 | 7 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0470 | 1217724 | 1217724 | WHI11000989 | 1DX15 | 1 | 11 | 13 | 33 | <0.1 | 9.8 | 3.8 | 207 | 1.65 | 9.1 | 11.6 | 0.8 | 6 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0471 | 1217725 | 1217725 | WHI11000989 | 1DX15 | 0.9 | 21.7 | 13.6 | 61 | <0.1 | 20.6 | 11 | 544 | 2.35 | 11.5 | 1.2 | 3.1 | 9 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0472 | 1217726 | 1217726 | WHI11000989 | 1DX15 | 0.9 | 14 | 13.3 | 48 | <0.1 | 13.4 | 6.9 | 242 | 1.93 | 9.2 | 8.8 | 1.3 | 9 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0473 | 1217727 | 1217727 | WHI11000989 | 1DX15 | 0.8 | 15 | 12.1 | 39 | <0.1 | 12.4 | 5.7 | 199 | 1.84 | 8.7 | 0.5 | 1.6 | 8 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0474 | 1217728 | 1217728 | WHI11000989 | 1DX15 | 0.6 | 8.7 | 10 | 31 | <0.1 | 9.2 | 3 | 97 | 1.56 | 6.4 | 1.1 | 0.9 | 7 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0475 | 1217729 | 1217729 | WHI11000989 | 1DX15 | 0.8 | 13 | 13.6 | 40 | <0.1 | 13.1 | 5.3 | 261 | 2.01 | 7.4 | 11.3 | 2 | 6 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0476 | 1217730 | 1217730 | WHI11000989 | 1DX15 | 0.8 | 29.3 | 21.1 | 68 | <0.1 | 24.8 | 13.4 | 653 | 3.04 | 7.1 | 1.2 | 5.6 | 11 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0477 | 1217731 | 1217731 | WHI11000989 | 1DX15 | 0.6 | 34.4 | 20.6 | 74 | <0.1 | 28.2 | 13.8 | 582 | 3.13 | 21.3 | 6 | 9.4 | 10 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0478 | 1217732 | 1217732 | WHI11000989 | 1DX15 | 0.7 | 18.4 | 12.5 | 49 | <0.1 | 13.9 | 6.7 | 255 | 1.95 | 10.7 | 2.2 | 1.2 | 9 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0479 | 1217733 | 1217733 | WHI11000989 | 1DX15 | 0.9 | 12.4 | 10.7 | 40 | <0.1 | 11.5 | 4.9 | 210 | 1.84 | 10.9 | 4.3 | 3 | 9 |
| 26-Jul-11 | Conner McKay | OV-0910 | 1217734 | 1217734 | WHI11000989 | 1DX15 | 0.7 | 12.9 | 9.7 | 35 | <0.1 | 13.5 | 4.6 | 129 | 1.8 | 7.6 | 1.2 | 3.9 | 8 |
| 26-Jul-11 | Conner McKay | OV-0911 | 1217735 | 1217735 | WHI11000990 | 1DX15 | 0.7 | 5.1 | 11.4 | 18 | <0.1 | 4.8 | 1.8 | 52 | 1.25 | 5.2 | <0.5 | 1.8 | 10 |
| 26-Jul-11 | Conner McKay | OV-0912 | 1217736 | 1217736 | WHI11000990 | 1DX15 | 0.9 | 7.5 | 8.1 | 32 | <0.1 | 11.5 | 3.9 | 105 | 1.54 | 3.8 | 0.6 | 4.6 | 7 |
| 26-Jul-11 | Conner McKay | OV-0913 | 1217737 | 1217737 | WHI11000990 | 1DX15 | 1 | 18.6 | 11.8 | 57 | <0.1 | 18.3 | 6 | 165 | 2.56 | 10.4 | 1.3 | 6.2 | 9 |
| 26-Jul-11 | Conner McKay | OV-0914 | 1217738 | 1217738 | WHI11000990 | 1DX15 | 0.9 | 8.3 | 9.1 | 34 | <0.1 | 10.4 | 3.9 | 103 | 1.78 | 7.5 | 2 | 3.8 | 8 |
| 26-Jul-11 | Conner McKay | OV-0915 | 1217739 | 1217739 | WHI11000990 | 1DX15 | 0.9 | 7.9 | 7.9 | 48 | <0.1 | 13.2 | 5 | 141 | 2.06 | 9.3 | <0.5 | 3.5 | 7 |
| 26-Jul-11 | Conner McKay | OV-0916 | 1217740 | 1217740 | WHI11000990 | 1DX15 | 1 | 13 | 8.1 | 31 | <0.1 | 13.8 | 5.1 | 104 | 2.1 | 5.1 | 0.8 | 6.3 | 10 |
| 26-Jul-11 | Conner McKay | OV-0917 | 1217741 | 1217741 | WHI11000990 | 1DX15 | 1.1 | 26.8 | 9 | 55 | <0.1 | 20.4 | 7.7 | 137 | 2.58 | 6.5 | 2.6 | 10.9 | 11 |
| 26-Jul-11 | Conner McKay | OV-0918 | 1217742 | 1217742 | WHI11000990 | 1DX15 | 0.9 | 21.3 | 9.6 | 45 | <0.1 | 15.5 | 5.8 | 118 | 2.26 | 5.5 | 1 | 6.9 | 11 |
| 26-Jul-11 | Conner McKay | OV-0919 | 1217743 | 1217743 | WHI11000990 | 1DX15 | 0.8 | 20.3 | 10.2 | 46 | <0.1 | 21.9 | 7.6 | 152 | 2.22 | 10.6 | 3.8 | 5.4 | 11 |
| 26-Jul-11 | Conner McKay | OV-0920 | 1217744 | 1217744 | WHI11000990 | 1DX15 | 1.4 | 26.4 | 11.5 | 55 | <0.1 | 24.8 | 10.2 | 199 | 2.92 | 8.9 | 11.5 | 11.1 | 11 |
| 26-Jul-11 | Conner McKay | OV-0921 | 1217745 | 1217745 | WHI11000990 | 1DX15 | 1.3 | 36.8 | 12.1 | 68 | <0.1 | 30.9 | 12.9 | 215 | 3.13 | 8.2 | 2.2 | 11.8 | 11 |
| 26-Jul-11 | Conner McKay | OV-0922 | 1217746 | 1217746 | WHI11000990 | 1DX15 | 1 | 13.7 | 10.5 | 43 | <0.1 | 14.1 | 5.9 | 150 | 2.24 | 9.8 | 1.3 | 3 | 10 |
| 26-Jul-11 | Conner McKay | OV-0923 | 1217747 | 1217747 | WHI11000990 | 1DX15 | 0.6 | 16.2 | 11.2 | 33 | 0.1 | 9.9 | 3.2 | 85 | 1.82 | 7.5 | 2.2 | 0.6 | 10 |
| 26-Jul-11 | Conner McKay | OV-0924 | 1217748 | 1217748 | WHI11000990 | 1DX15 | 1 | 38 | 10.1 | 57 | <0.1 | 21.2 | 8 | 179 | 3.1 | 5.5 | 1.5 | 14 | 9 |
| 26-Jul-11 | Conner McKay | OV-0925 | 1217749 | 1217749 | WHI11000990 | 1DX15 | 1 | 16.3 | 10.5 | 38 | 0.1 | 18 | 7.1 | 173 | 2.28 | 9.5 | 5.8 | 4.2 | 9 |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|--------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 26-Jul-11 | Conner McKay | OV-0926 | 1217750 | 1217750 | WHI11000990 | 1DX15 | 1.5 | 13.2 | 11.6 | 41 | 0.1 | 17.4 | 8.8 | 175 | 2.7 | 13.2 | 3.1 | 4.5 | 8 | |
| 26-Jul-11 | Conner McKay | OV-0927 | 1217951 | 1217951 | WHI11000990 | 1DX15 | 1.2 | 14.1 | 10.7 | 52 | <0.1 | 27.8 | 11.4 | 192 | 2.82 | 14.8 | 0.7 | 5.3 | 9 | |
| 26-Jul-11 | Conner McKay | OV-0928 | 1217952 | 1217952 | WHI11000990 | 1DX15 | 0.9 | 8.7 | 9.1 | 40 | <0.1 | 12.3 | 5.2 | 146 | 2.22 | 6.9 | 0.8 | 4 | 8 | |
| 26-Jul-11 | Conner McKay | OV-0929 | 1217953 | 1217953 | WHI11000990 | 1DX15 | 1.3 | 57 | 6.5 | 46 | <0.1 | 26 | 10.2 | 149 | 2.92 | 5.5 | 0.9 | 12.3 | 10 | |
| 26-Jul-11 | Conner McKay | OV-0930 | 1217954 | 1217954 | WHI11000990 | 1DX15 | 0.8 | 32.8 | 9 | 40 | <0.1 | 18.8 | 7.3 | 166 | 2.19 | 11.1 | 4.7 | 5.5 | 8 | |
| 26-Jul-11 | Conner McKay | OV-0931 | 1217955 | 1217955 | WHI11000990 | 1DX15 | 0.9 | 13.8 | 7.5 | 49 | <0.1 | 13.2 | 5 | 126 | 2.13 | 9.3 | 4 | 3.9 | 8 | |
| 26-Jul-11 | Conner McKay | OV-0932 | 1217956 | 1217956 | WHI11000990 | 1DX15 | 0.8 | 10.1 | 8.8 | 31 | <0.1 | 11.1 | 5.7 | 112 | 1.89 | 7.5 | 5.2 | 4.3 | 9 | |
| 26-Jul-11 | Conner McKay | OV-0933 | 1217957 | 1217957 | WHI11000990 | 1DX15 | 0.8 | 11.1 | 7.4 | 27 | 0.2 | 11.7 | 5.6 | 117 | 1.7 | 7.2 | 2.5 | 3.8 | 7 | |
| 26-Jul-11 | Conner McKay | OV-0934 | 1217958 | 1217958 | WHI11000990 | 1DX15 | 0.9 | 9.4 | 6.9 | 25 | 0.1 | 10 | 4.5 | 111 | 1.62 | 7.3 | 1.9 | 4 | 7 | |
| 22-Jul-11 | Ryan West | OV-1049 | 1218138 | 1218138 | WHI11000905 | 1DX15 | 0.4 | 44.8 | 11.4 | 65 | <0.1 | 29.6 | 10.2 | 545 | 2.5 | 6.1 | 4.8 | 10.2 | 10 | |
| 22-Jul-11 | Ryan West | OV-1050 | 1218139 | 1218139 | WHI11000905 | 1DX15 | 1.1 | 31.2 | 16.6 | 50 | <0.1 | 20.7 | 9 | 444 | 2.4 | 9.1 | 1.7 | 3.9 | 6 | |
| 22-Jul-11 | Ryan West | OV-1051 | 1218140 | 1218140 | WHI11000905 | 1DX15 | 0.7 | 28.7 | 14 | 55 | <0.1 | 23.2 | 9.6 | 162 | 2.47 | 9 | 2.7 | 7.6 | 9 | |
| 22-Jul-11 | Ryan West | OV-1052 | 1218141 | 1218141 | WHI11000905 | 1DX15 | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | |
| 22-Jul-11 | Ryan West | OV-1053 | 1218142 | 1218142 | WHI11000905 | 1DX15 | 1.2 | 35.8 | 14.2 | 71 | <0.1 | 27.2 | 10.2 | 341 | 2.46 | 10.1 | 1.8 | 4.3 | 12 | |
| 22-Jul-11 | Ryan West | OV-1054 | 1218143 | 1218143 | WHI11000905 | 1DX15 | 0.9 | 20.7 | 13.3 | 43 | <0.1 | 17.6 | 6.3 | 229 | 1.75 | 5.8 | 1.6 | 0.8 | 8 | |
| 22-Jul-11 | Ryan West | OV-1055 | 1218144 | 1218144 | WHI11000905 | 1DX15 | 1.1 | 25.1 | 14.4 | 59 | <0.1 | 21.9 | 8.8 | 376 | 2.31 | 9.9 | 0.6 | 3.3 | 8 | |
| 22-Jul-11 | Ryan West | OV-1056 | 1218145 | 1218145 | WHI11000905 | 1DX15 | 1.2 | 23.3 | 13.9 | 60 | <0.1 | 21.6 | 9.1 | 445 | 2.41 | 10.7 | 2.7 | 2 | 8 | |
| 22-Jul-11 | Ryan West | OV-1057 | 1218146 | 1218146 | WHI11000905 | 1DX15 | 1.2 | 17.8 | 11.8 | 52 | <0.1 | 16.5 | 6.1 | 287 | 2.25 | 10.3 | 3.6 | 1.2 | 6 | |
| 22-Jul-11 | Ryan West | OV-1058 | 1218147 | 1218147 | WHI11000905 | 1DX15 | 1.1 | 15.7 | 11.2 | 49 | <0.1 | 15.1 | 6 | 237 | 2.09 | 9.7 | 4.3 | 1 | 7 | |
| 22-Jul-11 | Ryan West | OV-1059 | 1218148 | 1218148 | WHI11000905 | 1DX15 | 1.1 | 19.3 | 11.1 | 57 | <0.1 | 17.9 | 6.5 | 233 | 2.22 | 9.7 | 6.6 | 2 | 7 | |
| 22-Jul-11 | Ryan West | OV-1060 | 1218149 | 1218149 | WHI11000905 | 1DX15 | 1 | 22.6 | 10 | 57 | <0.1 | 19.2 | 6.1 | 233 | 2.15 | 9.5 | 1.7 | 2.4 | 8 | |
| 22-Jul-11 | Ryan West | OV-1061 | 1218150 | 1218150 | WHI11000905 | 1DX15 | 1 | 14.5 | 10.6 | 50 | <0.1 | 15.4 | 5.3 | 185 | 2.07 | 10.3 | 24.5 | 1.4 | 6 | |
| 22-Jul-11 | Ryan West | OV-1062 | 1218151 | 1218151 | WHI11000905 | 1DX15 | 0.9 | 17.1 | 9.8 | 48 | <0.1 | 16 | 5.9 | 219 | 1.88 | 9.4 | 25.6 | 1.1 | 8 | |
| 22-Jul-11 | Ryan West | OV-1063 | 1218152 | 1218152 | WHI11000905 | 1DX15 | 1.2 | 13 | 11.5 | 41 | <0.1 | 12.6 | 4.6 | 178 | 2.04 | 11.1 | 1 | 0.6 | 6 | |
| 22-Jul-11 | Ryan West | OV-1064 | 1218153 | 1218153 | WHI11000905 | 1DX15 | 1 | 16.4 | 11.2 | 52 | <0.1 | 17.2 | 8.1 | 304 | 2.19 | 11.6 | 1.3 | 1.6 | 8 | |
| 22-Jul-11 | Ryan West | OV-1065 | 1218154 | 1218154 | WHI11000905 | 1DX15 | 1.2 | 15.9 | 11.2 | 55 | <0.1 | 17.8 | 13.1 | 725 | 2.31 | 10.5 | 5.6 | 3.5 | 7 | |
| 22-Jul-11 | Ryan West | OV-1066 | 1218155 | 1218155 | WHI11000905 | 1DX15 | 1.3 | 24.6 | 12.6 | 60 | <0.1 | 19.5 | 11.9 | 660 | 3.22 | 16.7 | 1.7 | 4.3 | 11 | |
| 22-Jul-11 | Ryan West | OV-1067 | 1218156 | 1218156 | WHI11000905 | 1DX15 | 0.9 | 12.6 | 9.2 | 49 | <0.1 | 15.3 | 7.4 | 365 | 2.02 | 8.7 | 28.5 | 1.2 | 8 | |
| 22-Jul-11 | Ryan West | OV-1068 | 1218157 | 1218157 | WHI11000905 | 1DX15 | 0.7 | 12.4 | 8.1 | 47 | <0.1 | 15 | 6.6 | 259 | 1.85 | 7.8 | 21.3 | 2.8 | 8 | |
| 22-Jul-11 | Ryan West | OV-1069 | 1218158 | 1218158 | WHI11000905 | 1DX15 | 0.9 | 7.9 | 8.2 | 46 | <0.1 | 11.6 | 4.4 | 161 | 1.81 | 9.5 | 3.3 | 0.5 | 7 | |
| 22-Jul-11 | Ryan West | OV-1070 | 1218159 | 1218159 | WHI11000905 | 1DX15 | 0.9 | 9.8 | 8.9 | 45 | <0.1 | 12.1 | 4.4 | 166 | 1.93 | 10.3 | 2.4 | 0.6 | 7 | |
| 22-Jul-11 | Ryan West | OV-1071 | 1218160 | 1218160 | WHI11000905 | 1DX15 | 1 | 10.2 | 10.1 | 48 | <0.1 | 13.1 | 7.8 | 408 | 2.13 | 11.2 | 1.4 | 1 | 6 | |
| 22-Jul-11 | Ryan West | OV-1072 | 1218161 | 1218161 | WHI11000905 | 1DX15 | 1 | 13.2 | 9.2 | 50 | <0.1 | 14.5 | 5.8 | 227 | 2 | 10.1 | 4.6 | 0.9 | 9 | |
| 22-Jul-11 | Ryan West | OV-1073 | 1218162 | 1218162 | WHI11000905 | 1DX15 | 1.1 | 9.7 | 9.3 | 42 | <0.1 | 12.2 | 5 | 227 | 1.92 | 10.1 | 2.4 | 0.3 | 7 | |
| 22-Jul-11 | Ryan West | OV-1074 | 1218163 | 1218163 | WHI11000905 | 1DX15 | 1 | 13.7 | 8.9 | 57 | <0.1 | 16.9 | 7 | 305 | 2.03 | 10.6 | 11.5 | 2.3 | 9 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|--------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 22-Jul-11 | Ryan West | OV-1075 | 1218164 | 1218164 | WHI11000905 | 1DX15 | 1.1 | 11.4 | 10.2 | 42 | <0.1 | 11.7 | 4.2 | 168 | 1.94 | 9.9 | 3.3 | 0.3 | 6 | |
| 22-Jul-11 | Ryan West | OV-1076 | 1218165 | 1218165 | WHI11000905 | 1DX15 | 1.1 | 12 | 9 | 46 | <0.1 | 13.7 | 6 | 273 | 1.91 | 10 | 15.9 | 0.8 | 8 | |
| 22-Jul-11 | Ryan West | OV-1077 | 1218166 | 1218166 | WHI11000905 | 1DX15 | 0.8 | 8.8 | 8.5 | 37 | <0.1 | 10.5 | 4.4 | 174 | 1.6 | 7.8 | 6.3 | 0.4 | 7 | |
| 22-Jul-11 | Ryan West | OV-1078 | 1218167 | 1218167 | WHI11000905 | 1DX15 | 1 | 10.6 | 10.1 | 40 | <0.1 | 11.6 | 4.8 | 213 | 1.9 | 9.4 | 11.7 | 0.4 | 7 | |
| 22-Jul-11 | Ryan West | OV-1079 | 1218168 | 1218168 | WHI11000905 | 1DX15 | 1 | 14.6 | 9.7 | 53 | <0.1 | 16 | 6.6 | 324 | 2 | 10 | 5.7 | 1.4 | 8 | |
| 22-Jul-11 | Ryan West | OV-1080 | 1218169 | 1218169 | WHI11000905 | 1DX15 | 1 | 15.2 | 10.2 | 43 | <0.1 | 15.4 | 6.6 | 322 | 1.95 | 9.4 | 3.4 | 0.6 | 7 | |
| 22-Jul-11 | Ryan West | OV-1081 | 1218170 | 1218170 | WHI11000905 | 1DX15 | 1.1 | 18.4 | 10.7 | 53 | <0.1 | 17.5 | 7.2 | 356 | 2.14 | 10.5 | 3.3 | 1.6 | 7 | |
| 22-Jul-11 | Ryan West | OV-1082 | 1218171 | 1218171 | WHI11000905 | 1DX15 | 0.9 | 10.5 | 9.9 | 36 | <0.1 | 12.4 | 3.8 | 126 | 1.63 | 9.3 | 1.6 | 0.4 | 6 | |
| 22-Jul-11 | Ryan West | OV-1083 | 1218172 | 1218172 | WHI11000905 | 1DX15 | 0.8 | 12.3 | 16.5 | 37 | <0.1 | 11.9 | 4.1 | 131 | 2.02 | 9.5 | 2.5 | 1 | 6 | |
| 22-Jul-11 | Ryan West | OV-1084 | 1218173 | 1218173 | WHI11000905 | 1DX15 | 1 | 14.5 | 21.3 | 47 | 0.1 | 18.9 | 7.1 | 222 | 2.36 | 11.1 | 2.4 | 7.2 | 9 | |
| 22-Jul-11 | Ryan West | OV-1085 | 1218174 | 1218174 | WHI11000905 | 1DX15 | 1.1 | 28.3 | 31.9 | 65 | 0.1 | 40.9 | 16.9 | 483 | 2.92 | 9.4 | 1.4 | 15.8 | 18 | |
| 22-Jul-11 | Ryan West | OV-1086 | 1218175 | 1218175 | WHI11000905 | 1DX15 | 1.1 | 14.6 | 13.2 | 42 | 0.2 | 18 | 6.9 | 157 | 2.51 | 12.6 | 2 | 4.9 | 7 | |
| 23-Jul-11 | Ryan West | OV-0598 | 1218176 | 1218176 | WHI11000905 | 1DX15 | 1.1 | 16.4 | 12.6 | 54 | <0.1 | 17.1 | 6.3 | 246 | 2.21 | 11.2 | 2 | 1 | 7 | |
| 23-Jul-11 | Ryan West | OV-0600 | 1218177 | 1218177 | WHI11000905 | 1DX15 | 1.1 | 15.2 | 10.8 | 45 | <0.1 | 15 | 5.1 | 159 | 1.96 | 11 | 3.6 | 0.7 | 7 | |
| 23-Jul-11 | Ryan West | OV-0602 | 1218178 | 1218178 | WHI11000905 | 1DX15 | 1.7 | 13.6 | 14.3 | 54 | <0.1 | 16.3 | 6.5 | 259 | 3.12 | 14 | 2 | 0.3 | 8 | |
| 23-Jul-11 | Ryan West | OV-0604 | 1218179 | 1218179 | WHI11000905 | 1DX15 | 1.2 | 14.9 | 12.6 | 59 | <0.1 | 17.3 | 8.8 | 360 | 2.56 | 13.6 | 2.3 | 1 | 7 | |
| 23-Jul-11 | Ryan West | OV-0606 | 1218180 | 1218180 | WHI11000905 | 1DX15 | 1.8 | 13.6 | 12.5 | 53 | <0.1 | 15.8 | 6 | 327 | 2.2 | 12.4 | 5.2 | 0.5 | 5 | |
| 23-Jul-11 | Ryan West | OV-0608 | 1218181 | 1218181 | WHI11000905 | 1DX15 | 0.9 | 19.3 | 14.1 | 59 | <0.1 | 18.9 | 6.6 | 218 | 2.13 | 10.5 | 3.6 | 3.5 | 9 | |
| 23-Jul-11 | Ryan West | OV-0610 | 1218182 | 1218182 | WHI11000905 | 1DX15 | 1.1 | 15.2 | 9.7 | 51 | <0.1 | 16.9 | 5.6 | 207 | 1.86 | 8.5 | 10.4 | 1.3 | 9 | |
| 23-Jul-11 | Ryan West | OV-0612 | 1218183 | 1218183 | WHI11000905 | 1DX15 | 1 | 14.9 | 9.3 | 50 | <0.1 | 16.5 | 4.5 | 145 | 1.84 | 9.5 | 39.9 | 1.6 | 10 | |
| 23-Jul-11 | Ryan West | OV-0614 | 1218184 | 1218184 | WHI11000905 | 1DX15 | 0.7 | 15.6 | 8.4 | 54 | <0.1 | 17.3 | 6.9 | 244 | 1.89 | 12 | 1.9 | 3.1 | 10 | |
| 23-Jul-11 | Ryan West | OV-0616 | 1218185 | 1218185 | WHI11000905 | 1DX15 | 1.2 | 12.2 | 10.2 | 46 | <0.1 | 13.3 | 5.8 | 200 | 2.11 | 11.4 | 1.9 | 0.5 | 6 | |
| 23-Jul-11 | Ryan West | OV-0618 | 1218186 | 1218186 | WHI11000905 | 1DX15 | 1 | 14.7 | 12.2 | 61 | <0.1 | 17 | 8.4 | 317 | 2.32 | 13.5 | 3.2 | 2.3 | 7 | |
| 23-Jul-11 | Ryan West | OV-0620 | 1218187 | 1218187 | WHI11000905 | 1DX15 | 1.1 | 17.2 | 11.7 | 53 | <0.1 | 17.9 | 8.3 | 268 | 2.21 | 11.3 | 2.1 | 1.5 | 8 | |
| 23-Jul-11 | Ryan West | OV-0622 | 1218188 | 1218188 | WHI11000905 | 1DX15 | 1.3 | 22.2 | 14.2 | 60 | <0.1 | 19.4 | 8 | 292 | 2.56 | 15.7 | 2.6 | 2.2 | 7 | |
| 23-Jul-11 | Ryan West | OV-0624 | 1218189 | 1218189 | WHI11000905 | 1DX15 | 0.8 | 17.2 | 9.5 | 50 | <0.1 | 20.3 | 9.5 | 302 | 2.19 | 11 | 16 | 3.6 | 8 | |
| 23-Jul-11 | Ryan West | OV-0626 | 1218190 | 1218190 | WHI11000905 | 1DX15 | 1 | 14.3 | 10.4 | 49 | <0.1 | 14.6 | 6.2 | 215 | 2.15 | 11.2 | 4.3 | 1 | 7 | |
| 23-Jul-11 | Ryan West | OV-0628 | 1218191 | 1218191 | WHI11000905 | 1DX15 | 0.9 | 21 | 13 | 48 | <0.1 | 18.7 | 7.5 | 170 | 2.35 | 10.2 | 1.6 | 3.1 | 5 | |
| 23-Jul-11 | Ryan West | OV-0630 | 1218192 | 1218192 | WHI11000905 | 1DX15 | 0.9 | 17 | 10.5 | 45 | <0.1 | 15.2 | 7.6 | 236 | 2.14 | 11.1 | 5.3 | 2.3 | 7 | |
| 23-Jul-11 | Ryan West | OV-0632 | 1218193 | 1218193 | WHI11000905 | 1DX15 | 1 | 10.3 | 10.5 | 41 | <0.1 | 13.9 | 6 | 214 | 2.02 | 14.4 | 0.7 | 0.4 | 6 | |
| 23-Jul-11 | Ryan West | OV-0634 | 1218194 | 1218194 | WHI11000905 | 1DX15 | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| 23-Jul-11 | Ryan West | OV-0636 | 1218195 | 1218195 | WHI11000905 | 1DX15 | 0.9 | 7.2 | 9.5 | 30 | <0.1 | 8.4 | 3.4 | 118 | 1.92 | 9.6 | 1.1 | 0.9 | 5 | |
| 23-Jul-11 | Ryan West | OV-0638 | 1218196 | 1218196 | WHI11000905 | 1DX15 | 0.7 | 15.1 | 8.5 | 40 | <0.1 | 13.6 | 4.9 | 162 | 1.63 | 9.2 | 2.6 | 0.6 | 7 | |
| 23-Jul-11 | Ryan West | OV-0640 | 1218197 | 1218197 | WHI11000905 | 1DX15 | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|--------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 23-Jul-11 | Ryan West | OV-0642 | 1218198 | 1218198 | WHI11000905 | 1DX15 | 0.9 | 10.7 | 8.5 | 39 | <0.1 | 13 | 6.8 | 257 | 1.87 | 11.4 | 9 | 2.5 | 5 | |
| 23-Jul-11 | Ryan West | OV-0644 | 1218199 | 1218199 | WHI11000905 | 1DX15 | 1.3 | 11.1 | 11.4 | 44 | <0.1 | 14.7 | 6.5 | 260 | 2.36 | 13.6 | 3.7 | 1.9 | 6 | |
| 23-Jul-11 | Ryan West | OV-0646 | 1218200 | 1218200 | WHI11000905 | 1DX15 | 1.1 | 13.4 | 9.2 | 43 | <0.1 | 14.2 | 6.6 | 343 | 1.94 | 12.4 | 17.5 | 1 | 5 | |
| 23-Jul-11 | Ryan West | OV-0648 | 1218201 | 1218201 | WHI11000905 | 1DX15 | 1.2 | 11.5 | 10 | 34 | <0.1 | 13 | 7 | 311 | 1.96 | 12.2 | 1.6 | 0.9 | 6 | |
| 23-Jul-11 | Ryan West | OV-0650 | 1218202 | 1218202 | WHI11000905 | 1DX15 | 0.9 | 16.5 | 8.7 | 46 | <0.1 | 16.5 | 6.4 | 236 | 2.04 | 11.7 | 6.6 | 3.8 | 4 | |
| 23-Jul-11 | Ryan West | OV-0652 | 1218203 | 1218203 | WHI11000905 | 1DX15 | 1.4 | 9.5 | 9.7 | 43 | <0.1 | 11.8 | 8.9 | 507 | 2.64 | 12.5 | 0.9 | 2.4 | 4 | |
| 23-Jul-11 | Ryan West | OV-0654 | 1218204 | 1218204 | WHI11000905 | 1DX15 | 1.3 | 11.4 | 13 | 28 | <0.1 | 8.9 | 5.3 | 217 | 1.88 | 8.8 | <0.5 | 0.8 | 4 | |
| 23-Jul-11 | Ryan West | OV-0656 | 1218205 | 1218205 | WHI11000905 | 1DX15 | 0.8 | 11.8 | 10.1 | 24 | <0.1 | 7.5 | 2.3 | 57 | 1.62 | 7.3 | 2.8 | 0.2 | 5 | |
| 23-Jul-11 | Ryan West | OV-0658 | 1218206 | 1218206 | WHI11000905 | 1DX15 | 0.8 | 16.1 | 8.6 | 42 | <0.1 | 14.9 | 6.8 | 237 | 1.75 | 10 | 1.8 | 4 | 6 | |
| 23-Jul-11 | Ryan West | OV-0660 | 1218207 | 1218207 | WHI11000905 | 1DX15 | 0.8 | 13 | 9.4 | 35 | <0.1 | 15.2 | 5.1 | 101 | 1.74 | 9.4 | 8.8 | 2.7 | 4 | |
| 23-Jul-11 | Ryan West | OV-0662 | 1218208 | 1218208 | WHI11000905 | 1DX15 | 1 | 15.2 | 8.4 | 37 | <0.1 | 18.7 | 6.2 | 252 | 1.96 | 7.5 | 0.6 | 3.7 | 5 | |
| 23-Jul-11 | Ryan West | OV-0664 | 1218209 | 1218209 | WHI11000905 | 1DX15 | 1.2 | 24.9 | 10.5 | 60 | <0.1 | 24.2 | 9.1 | 190 | 2.56 | 8.1 | 1.6 | 7.7 | 6 | |
| 23-Jul-11 | Ryan West | OV-0666 | 1218210 | 1218210 | WHI11000905 | 1DX15 | 1.1 | 24.5 | 10.7 | 53 | <0.1 | 21.4 | 8.4 | 285 | 2.41 | 7.2 | 2.5 | 6.8 | 6 | |
| 23-Jul-11 | Ryan West | OV-0668 | 1218211 | 1218211 | WHI11000905 | 1DX15 | 0.5 | 14.5 | 7.1 | 39 | <0.1 | 14.4 | 6.2 | 151 | 1.49 | 7.6 | 1.6 | 3.6 | 8 | |
| 23-Jul-11 | Ryan West | OV-0670 | 1218212 | 1218212 | WHI11000905 | 1DX15 | 0.7 | 9.9 | 7.7 | 32 | <0.1 | 10.5 | 4 | 127 | 1.48 | 8.6 | 10.1 | 2.8 | 6 | |
| 23-Jul-11 | Ryan West | OV-0672 | 1218213 | 1218213 | WHI11000905 | 1DX15 | 1.1 | 10 | 8.9 | 40 | <0.1 | 14.1 | 5.2 | 151 | 1.86 | 10 | 1.9 | 3 | 6 | |
| 23-Jul-11 | Ryan West | OV-0674 | 1218214 | 1218214 | WHI11000905 | 1DX15 | 0.7 | 11.3 | 8.1 | 38 | <0.1 | 13.6 | 5 | 129 | 1.6 | 8.4 | <0.5 | 3.1 | 7 | |
| 23-Jul-11 | Ryan West | OV-0676 | 1218215 | 1218215 | WHI11000905 | 1DX15 | 0.7 | 14.6 | 7.6 | 39 | <0.1 | 15.1 | 6.2 | 144 | 1.61 | 8.2 | <0.5 | 3.7 | 5 | |
| 23-Jul-11 | Ryan West | OV-0678 | 1218216 | 1218216 | WHI11000905 | 1DX15 | 0.8 | 10.7 | 7 | 37 | <0.1 | 14 | 4.4 | 98 | 1.55 | 8.3 | 0.8 | 3 | 4 | |
| 23-Jul-11 | Ryan West | OV-0680 | 1218217 | 1218217 | WHI11000905 | 1DX15 | 0.7 | 15.5 | 7.2 | 39 | <0.1 | 14.5 | 5.7 | 154 | 1.54 | 8.5 | 1.3 | 3.7 | 4 | |
| 23-Jul-11 | Ryan West | OV-0682 | 1218218 | 1218218 | WHI11000905 | 1DX15 | 0.9 | 10.8 | 6.2 | 34 | <0.1 | 12.9 | 5.5 | 156 | 1.56 | 12.5 | <0.5 | 3 | 5 | |
| 23-Jul-11 | Ryan West | OV-0684 | 1218219 | 1218219 | WHI11000905 | 1DX15 | 0.7 | 9.1 | 6.8 | 52 | <0.1 | 13.8 | 6.1 | 198 | 1.37 | 7.2 | <0.5 | 2.5 | 5 | |
| 23-Jul-11 | Ryan West | OV-0686 | 1218220 | 1218220 | WHI11000905 | 1DX15 | 0.7 | 12.4 | 6 | 35 | <0.1 | 15.7 | 4.9 | 176 | 1.19 | 6.8 | <0.5 | 3.5 | 7 | |
| 23-Jul-11 | Ryan West | OV-0688 | 1218221 | 1218221 | WHI11000905 | 1DX15 | 0.6 | 11.7 | 5.6 | 34 | <0.1 | 15.3 | 4.7 | 172 | 1.17 | 6.7 | <0.5 | 3 | 9 | |
| 23-Jul-11 | Ryan West | OV-0690 | 1218222 | 1218222 | WHI11000905 | 1DX15 | 0.6 | 14.8 | 6.3 | 35 | <0.1 | 14.3 | 5.1 | 155 | 1.25 | 7.2 | <0.5 | 3.1 | 5 | |
| 23-Jul-11 | Ryan West | OV-0692 | 1218223 | 1218223 | WHI11000905 | 1DX15 | 0.5 | 6.9 | 5.3 | 38 | <0.1 | 12 | 4.2 | 170 | 1.07 | 4.5 | <0.5 | 2.5 | 7 | |
| 24-Jul-11 | Ryan West | OV-0013 | 1218224 | 1218224 | WHI11000989 | 1DX15 | 0.6 | 19.2 | 12 | 55 | <0.1 | 19 | 8.5 | 379 | 2.18 | 8.5 | 3.7 | 6.5 | 13 | |
| 24-Jul-11 | Ryan West | OV-0015 | 1218225 | 1218225 | WHI11000989 | 1DX15 | 0.5 | 20.4 | 10.3 | 48 | <0.1 | 19.6 | 8.2 | 296 | 1.98 | 8.9 | 22.5 | 9.4 | 5 | |
| 24-Jul-11 | Ryan West | OV-0017 | 1218226 | 1218226 | WHI11000989 | 1DX15 | 0.7 | 13.9 | 11.6 | 39 | <0.1 | 14.2 | 5.8 | 196 | 1.93 | 9.5 | 1.7 | 4.5 | 12 | |
| 24-Jul-11 | Ryan West | OV-0019 | 1218227 | 1218227 | WHI11000989 | 1DX15 | 1 | 7.8 | 10.6 | 39 | <0.1 | 10.3 | 6.9 | 295 | 2.04 | 11.4 | 3.6 | 3.9 | 13 | |
| 24-Jul-11 | Ryan West | OV-0021 | 1218228 | 1218228 | WHI11000989 | 1DX15 | 0.6 | 25.3 | 13.9 | 57 | <0.1 | 24.1 | 10.2 | 515 | 2.33 | 7.2 | 4 | 9 | 24 | |
| 24-Jul-11 | Ryan West | OV-0023 | 1218229 | 1218229 | WHI11000989 | 1DX15 | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| 24-Jul-11 | Ryan West | OV-0025 | 1218230 | 1218230 | WHI11000989 | 1DX15 | 1.1 | 10.5 | 9.4 | 41 | <0.1 | 11.7 | 4.6 | 197 | 1.93 | 13.9 | 56 | 2.9 | 7 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|-----------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 24-Jul-11 | Ryan West | OV-0027 | 1218231 | 1218231 | WHI11000989 | 1DX15 | 0.8 | 22.2 | 9.3 | 46 | <0.1 | 17.7 | 7.2 | 292 | 1.89 | 10.7 | 3.1 | 4.2 | 15 | |
| 24-Jul-11 | Ryan West | OV-0029 | 1218232 | 1218232 | WHI11000989 | 1DX15 | 0.8 | 11.2 | 12.9 | 39 | <0.1 | 14.3 | 4.7 | 207 | 2.01 | 10 | 3.6 | 5.2 | 11 | |
| 24-Jul-11 | Ryan West | OV-0031 | 1218233 | 1218233 | WHI11000989 | 1DX15 | 0.4 | 18 | 15.9 | 44 | <0.1 | 16.2 | 7.7 | 238 | 2.45 | 6 | 1.8 | 14.7 | 18 | |
| 24-Jul-11 | Ryan West | OV-0033 | 1218234 | 1218234 | WHI11000989 | 1DX15 | 0.4 | 29.3 | 18.5 | 61 | <0.1 | 25.9 | 12.9 | 522 | 2.79 | 5 | 1 | 15.1 | 32 | |
| 24-Jul-11 | Ryan West | OV-0035 | 1218235 | 1218235 | WHI11000989 | 1DX15 | 0.8 | 14 | 16.6 | 47 | <0.1 | 17.4 | 7.3 | 289 | 2.1 | 8.4 | 1.4 | 9.9 | 16 | |
| 24-Jul-11 | Ryan West | OV-0037 | 1218236 | 1218236 | WHI11000989 | 1DX15 | 0.4 | 19.1 | 14.3 | 50 | <0.1 | 17.4 | 7.1 | 307 | 2.05 | 4.3 | 0.8 | 9.8 | 40 | |
| 26-Jul-11 | Ryan West | OV-0884 | 1218237 | 1218237 | WHI11000989 | 1DX15 | 0.8 | 16.7 | 12 | 38 | <0.1 | 12.4 | 5.1 | 226 | 2.1 | 8.6 | 1.9 | 1.1 | 8 | |
| 26-Jul-11 | Ryan West | OV-0885 | 1218238 | 1218238 | WHI11000989 | 1DX15 | 0.7 | 15.4 | 8.9 | 46 | <0.1 | 15.9 | 6.4 | 272 | 1.76 | 9.4 | 2.5 | 3.9 | 9 | |
| 26-Jul-11 | Ryan West | OV-0886 | 1218239 | 1218239 | WHI11000989 | 1DX15 | 0.9 | 15.5 | 9.5 | 35 | <0.1 | 11.4 | 3.5 | 110 | 1.91 | 9 | 7 | 0.9 | 9 | |
| 26-Jul-11 | Ryan West | OV-0887 | 1218240 | 1218240 | WHI11000989 | 1DX15 | 0.8 | 10.4 | 10.4 | 34 | <0.1 | 10.2 | 3.7 | 107 | 1.93 | 5.9 | 1.4 | 5.2 | 7 | |
| 26-Jul-11 | Ryan West | OV-0888 | 1218241 | 1218241 | WHI11000989 | 1DX15 | 0.9 | 9.5 | 10 | 34 | <0.1 | 10.1 | 5.4 | 251 | 2.04 | 8.8 | 15.8 | 3.6 | 7 | |
| 26-Jul-11 | Ryan West | OV-0889 | 1218242 | 1218242 | WHI11000989 | 1DX15 | 0.9 | 9.5 | 10.4 | 32 | <0.1 | 8.1 | 3.4 | 121 | 1.8 | 8.4 | 2.2 | 1.8 | 7 | |
| 26-Jul-11 | Ryan West | OV-0890 | 1218243 | 1218243 | WHI11000989 | 1DX15 | 1.1 | 17.9 | 11 | 51 | <0.1 | 21.1 | 6.7 | 174 | 2.82 | 9 | 4.8 | 6.3 | 7 | |
| 26-Jul-11 | Ryan West | OV-0891 | 1218244 | 1218244 | WHI11000989 | 1DX15 | 0.9 | 17.5 | 11.6 | 43 | <0.1 | 15.4 | 7.2 | 212 | 2.18 | 10.7 | 3 | 5.2 | 8 | |
| 26-Jul-11 | Ryan West | OV-0892 | 1218245 | 1218245 | WHI11000989 | 1DX15 | 1.1 | 12.3 | 11.5 | 47 | 0.1 | 16.9 | 8 | 218 | 2.38 | 10.6 | 1.2 | 4.1 | 9 | |
| 26-Jul-11 | Ryan West | OV-0893 | 1218246 | 1218246 | WHI11000989 | 1DX15 | 1 | 13.8 | 10.5 | 42 | <0.1 | 12.9 | 6.5 | 207 | 1.98 | 8.8 | 2.9 | 1.7 | 9 | |
| 26-Jul-11 | Ryan West | OV-0894 | 1218247 | 1218247 | WHI11000989 | 1DX15 | 0.7 | 26.4 | 14.3 | 57 | <0.1 | 21.8 | 9.6 | 315 | 2.44 | 7.7 | 3 | 6.9 | 9 | |
| 26-Jul-11 | Ryan West | OV-0895 | 1218248 | 1218248 | WHI11000989 | 1DX15 | 0.7 | 15.9 | 11.5 | 40 | <0.1 | 13.9 | 6.4 | 213 | 1.82 | 8.5 | 2.9 | 4.1 | 9 | |
| 26-Jul-11 | Ryan West | OV-0896 | 1218249 | 1218249 | WHI11000989 | 1DX15 | 0.9 | 23 | 11 | 46 | <0.1 | 16.5 | 6.6 | 217 | 2.15 | 7.9 | 3.6 | 6.8 | 9 | |
| 26-Jul-11 | Ryan West | OV-0897 | 1218250 | 1218250 | WHI11000989 | 1DX15 | 0.7 | 16.5 | 11.6 | 34 | <0.1 | 13.5 | 5.6 | 137 | 2.08 | 7.3 | 2.1 | 1 | 8 | |
| 22-Jul-11 | Thomas Barrette | OV-0420 | 1218351 | 1218351 | WHI11000905 | 1DX15 | 0.9 | 15.3 | 14.2 | 57 | <0.1 | 19 | 6.5 | 166 | 2.12 | 9.8 | 0.7 | 3.5 | 7 | |
| 22-Jul-11 | Thomas Barrette | OV-0419 | 1218352 | 1218352 | WHI11000905 | 1DX15 | 1.1 | 17.6 | 10.7 | 56 | <0.1 | 17.6 | 6.9 | 238 | 2.01 | 10.2 | 5 | 1.9 | 9 | |
| 22-Jul-11 | Thomas Barrette | OV-0418 | 1218353 | 1218353 | WHI11000905 | 1DX15 | 0.9 | 20.3 | 15.6 | 55 | <0.1 | 16.5 | 6.3 | 245 | 2.2 | 8.9 | 0.6 | 2.5 | 6 | |
| 22-Jul-11 | Thomas Barrette | OV-0417 | 1218354 | 1218354 | WHI11000905 | 1DX15 | 0.8 | 16.5 | 12.5 | 48 | <0.1 | 16.2 | 5.7 | 192 | 1.89 | 8.4 | 0.5 | 2.8 | 6 | |
| 22-Jul-11 | Thomas Barrette | OV-0416 | 1218355 | 1218355 | WHI11000905 | 1DX15 | 0.8 | 18.7 | 13.5 | 53 | <0.1 | 16.2 | 5.6 | 195 | 2.1 | 9.7 | 2.2 | 1.7 | 5 | |
| 22-Jul-11 | Thomas Barrette | OV-0415 | 1218356 | 1218356 | WHI11000905 | 1DX15 | 0.7 | 16.6 | 12.3 | 44 | <0.1 | 14.6 | 5.9 | 198 | 1.87 | 8.1 | <0.5 | 1.5 | 5 | |
| 22-Jul-11 | Thomas Barrette | OV-0414 | 1218357 | 1218357 | WHI11000905 | 1DX15 | 0.7 | 12.5 | 10.3 | 40 | <0.1 | 13 | 5.1 | 190 | 1.67 | 8.7 | <0.5 | 1.2 | 4 | |
| 22-Jul-11 | Thomas Barrette | OV-0413 | 1218358 | 1218358 | WHI11000905 | 1DX15 | 0.8 | 12.6 | 9.8 | 33 | <0.1 | 10.8 | 3.8 | 161 | 1.47 | 6.3 | 2.4 | 0.6 | 4 | |
| 22-Jul-11 | Thomas Barrette | OV-0412 | 1218359 | 1218359 | WHI11000905 | 1DX15 | 0.9 | 16.2 | 11.5 | 54 | <0.1 | 16.7 | 6.5 | 248 | 2.24 | 10.8 | 3.6 | 1.8 | 5 | |
| 22-Jul-11 | Thomas Barrette | OV-0411 | 1218360 | 1218360 | WHI11000905 | 1DX15 | 0.9 | 22.4 | 16.4 | 62 | <0.1 | 21 | 9.2 | 338 | 2.36 | 10.2 | 1.9 | 2.7 | 6 | |
| 22-Jul-11 | Thomas Barrette | OV-0410 | 1218361 | 1218361 | WHI11000905 | 1DX15 | 1.1 | 18.1 | 15.7 | 50 | <0.1 | 15.9 | 6.2 | 182 | 2.32 | 10.7 | 4.6 | 0.6 | 7 | |
| 22-Jul-11 | Thomas Barrette | OV-0409 | 1218362 | 1218362 | WHI11000905 | 1DX15 | 0.9 | 42.8 | 20.8 | 70 | <0.1 | 23.1 | 10.9 | 411 | 3.19 | 10.8 | 3.2 | 5.9 | 5 | |
| 22-Jul-11 | Thomas Barrette | OV-0408 | 1218363 | 1218363 | WHI11000905 | 1DX15 | 0.9 | 45.6 | 12.2 | 73 | <0.1 | 23.8 | 8.6 | 175 | 2.4 | 12 | 1.6 | 2.5 | 5 | |
| 22-Jul-11 | Thomas Barrette | OV-0407 | 1218364 | 1218364 | WHI11000905 | 1DX15 | 1 | 19 | 11 | 44 | <0.1 | 13.3 | 4.7 | 190 | 2.23 | 11.2 | 1.2 | 0.9 | 6 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|-----------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 22-Jul-11 | Thomas Barrette | OV-0406 | 1218365 | 1218365 | WHI11000905 | 1DX15 | 0.7 | 15.5 | 16 | 58 | <0.1 | 19 | 10.6 | 372 | 2.27 | 12 | 2.7 | 4 | 6 | |
| 22-Jul-11 | Thomas Barrette | OV-0405 | 1218366 | 1218366 | WHI11000905 | 1DX15 | 0.8 | 19.6 | 12.9 | 53 | <0.1 | 24.2 | 11 | 347 | 2.55 | 10.6 | 3.2 | 3.7 | 6 | |
| 22-Jul-11 | Thomas Barrette | OV-0404 | 1218367 | 1218367 | WHI11000905 | 1DX15 | 0.8 | 18.2 | 9.7 | 50 | <0.1 | 22.2 | 9.7 | 315 | 2.16 | 10.2 | 2.2 | 2.8 | 9 | |
| 22-Jul-11 | Thomas Barrette | OV-0403 | 1218368 | 1218368 | WHI11000905 | 1DX15 | 1 | 13.7 | 12.1 | 46 | <0.1 | 14.8 | 5.4 | 202 | 2.17 | 10.1 | 2 | 1 | 5 | |
| 22-Jul-11 | Thomas Barrette | OV-0402 | 1218369 | 1218369 | WHI11000905 | 1DX15 | 1 | 17 | 11.1 | 53 | <0.1 | 15.9 | 7.3 | 265 | 2.25 | 11.5 | 2.3 | 0.9 | 6 | |
| 22-Jul-11 | Thomas Barrette | OV-0401 | 1218370 | 1218370 | WHI11000905 | 1DX15 | 1 | 15.1 | 13.8 | 51 | <0.1 | 18.4 | 8.4 | 340 | 2.23 | 9.5 | 1.7 | 4.6 | 7 | |
| 22-Jul-11 | Thomas Barrette | OV-0400 | 1218371 | 1218371 | WHI11000905 | 1DX15 | 0.8 | 10.8 | 10.7 | 35 | <0.1 | 12 | 4.9 | 198 | 2.1 | 10.7 | 3 | 0.7 | 5 | |
| 22-Jul-11 | Thomas Barrette | OV-0399 | 1218372 | 1218372 | WHI11000905 | 1DX15 | 1.1 | 14.9 | 11 | 51 | <0.1 | 15.2 | 5.8 | 196 | 2.01 | 9.4 | 2 | 3.6 | 9 | |
| 22-Jul-11 | Thomas Barrette | OV-0398 | 1218373 | 1218373 | WHI11000905 | 1DX15 | 1.5 | 19.2 | 18 | 58 | 0.2 | 16.9 | 6.1 | 279 | 2.41 | 11 | 2.8 | 0.2 | 9 | |
| 22-Jul-11 | Thomas Barrette | OV-0397 | 1218374 | 1218374 | WHI11000905 | 1DX15 | 1.1 | 17.8 | 10.9 | 58 | <0.1 | 15.3 | 6.1 | 226 | 2.16 | 11.4 | 3.2 | 1.4 | 8 | |
| 22-Jul-11 | Thomas Barrette | OV-0396 | 1218375 | 1218375 | WHI11000905 | 1DX15 | 0.7 | 28.6 | 10.1 | 60 | <0.1 | 20.3 | 9.1 | 285 | 2.21 | 11 | 2.3 | 6 | 9 | |
| 22-Jul-11 | Thomas Barrette | OV-0395 | 1218376 | 1218376 | WHI11000905 | 1DX15 | 0.6 | 19.4 | 9.1 | 53 | <0.1 | 18.1 | 8.3 | 345 | 1.99 | 9.5 | 1.7 | 4.1 | 5 | |
| 22-Jul-11 | Thomas Barrette | OV-0394 | 1218377 | 1218377 | WHI11000905 | 1DX15 | 1 | 31.9 | 14.6 | 50 | <0.1 | 19.8 | 7.5 | 226 | 2.78 | 12.6 | 2.9 | 4 | 6 | |
| 22-Jul-11 | Thomas Barrette | OV-0393 | 1218378 | 1218378 | WHI11000905 | 1DX15 | 0.8 | 27.1 | 10.7 | 60 | <0.1 | 23 | 10.4 | 347 | 2.4 | 9.8 | 2.6 | 6.7 | 9 | |
| 22-Jul-11 | Thomas Barrette | OV-0392 | 1218379 | 1218379 | WHI11000905 | 1DX15 | 1 | 22.5 | 12.3 | 56 | <0.1 | 19.9 | 11 | 407 | 2.48 | 11.7 | 2.3 | 2.5 | 10 | |
| 22-Jul-11 | Thomas Barrette | OV-0391 | 1218380 | 1218380 | WHI11000905 | 1DX15 | 0.9 | 23.8 | 9.9 | 64 | <0.1 | 21.5 | 8.4 | 259 | 2.3 | 10.6 | 4.4 | 2.2 | 10 | |
| 22-Jul-11 | Thomas Barrette | OV-0390 | 1218381 | 1218381 | WHI11000905 | 1DX15 | 1 | 17.5 | 12.7 | 53 | <0.1 | 17 | 7.5 | 225 | 2.31 | 11.4 | 1.7 | 2.1 | 8 | |
| 22-Jul-11 | Thomas Barrette | OV-0389 | 1218382 | 1218382 | WHI11000905 | 1DX15 | 0.8 | 14 | 9.1 | 44 | <0.1 | 15.3 | 6.2 | 202 | 1.96 | 12.6 | 2 | 1.1 | 7 | |
| 22-Jul-11 | Thomas Barrette | OV-0388 | 1218383 | 1218383 | WHI11000905 | 1DX15 | 1 | 15.7 | 11.6 | 52 | <0.1 | 18.8 | 7.8 | 282 | 2.3 | 13.8 | 4.7 | 2.3 | 7 | |
| 22-Jul-11 | Thomas Barrette | OV-0387 | 1218384 | 1218384 | WHI11000905 | 1DX15 | 0.9 | 18.6 | 10.1 | 59 | <0.1 | 19.8 | 8.1 | 263 | 2.13 | 13.7 | 2 | 3.8 | 9 | |
| 22-Jul-11 | Thomas Barrette | OV-0386 | 1218385 | 1218385 | WHI11000905 | 1DX15 | 0.7 | 14.6 | 9.5 | 46 | <0.1 | 14.9 | 7.8 | 306 | 1.9 | 12.3 | 2.5 | 2.2 | 6 | |
| 22-Jul-11 | Thomas Barrette | OV-0385 | 1218386 | 1218386 | WHI11000905 | 1DX15 | 1 | 30.1 | 9.5 | 64 | <0.1 | 58.2 | 14 | 377 | 3.21 | 51.8 | 2.9 | 2.3 | 8 | |
| 22-Jul-11 | Thomas Barrette | OV-0384 | 1218387 | 1218387 | WHI11000905 | 1DX15 | 0.6 | 16.4 | 8.7 | 49 | <0.1 | 18 | 6.5 | 205 | 1.96 | 13.9 | 9.7 | 2.8 | 8 | |
| 22-Jul-11 | Thomas Barrette | OV-0383 | 1218388 | 1218388 | WHI11000905 | 1DX15 | 0.8 | 26.2 | 10.7 | 56 | <0.1 | 22.6 | 7.4 | 201 | 2.52 | 10.2 | 1.5 | 2.4 | 6 | |
| 22-Jul-11 | Thomas Barrette | OV-0382 | 1218389 | 1218389 | WHI11000905 | 1DX15 | 0.6 | 17.9 | 8.7 | 45 | <0.1 | 15.4 | 5.6 | 159 | 2.04 | 10 | 1.9 | 1.4 | 6 | |
| 22-Jul-11 | Thomas Barrette | OV-0381 | 1218390 | 1218390 | WHI11000905 | 1DX15 | 0.7 | 15.2 | 9.4 | 50 | <0.1 | 13.9 | 6.3 | 220 | 2.02 | 10.3 | 1.8 | 1.5 | 8 | |
| 22-Jul-11 | Thomas Barrette | OV-0380 | 1218391 | 1218391 | WHI11000905 | 1DX15 | 0.8 | 15.2 | 10.1 | 51 | <0.1 | 16 | 6.5 | 262 | 1.95 | 9.1 | 1.8 | 0.9 | 7 | |
| 22-Jul-11 | Thomas Barrette | OV-0379 | 1218392 | 1218392 | WHI11000905 | 1DX15 | 0.9 | 17.2 | 9.7 | 50 | <0.1 | 16.3 | 7.2 | 253 | 2.13 | 11.4 | 1.5 | 1.1 | 7 | |
| 22-Jul-11 | Thomas Barrette | OV-0378 | 1218393 | 1218393 | WHI11000905 | 1DX15 | 0.9 | 17.3 | 11 | 55 | <0.1 | 15.5 | 6.3 | 207 | 2.27 | 12.6 | 23.8 | 1.8 | 6 | |
| 22-Jul-11 | Thomas Barrette | OV-0377 | 1218394 | 1218394 | WHI11000905 | 1DX15 | 0.9 | 15.6 | 9.4 | 47 | <0.1 | 14.6 | 5.6 | 212 | 2 | 9.5 | 1.6 | 1.1 | 6 | |
| 22-Jul-11 | Thomas Barrette | OV-0376 | 1218395 | 1218395 | WHI11000905 | 1DX15 | 0.8 | 13.6 | 8.6 | 44 | <0.1 | 13.5 | 5.4 | 198 | 1.98 | 8.9 | 3.5 | 0.9 | 6 | |
| 22-Jul-11 | Thomas Barrette | OV-0375 | 1218396 | 1218396 | WHI11000905 | 1DX15 | 0.9 | 23.6 | 8.7 | 60 | <0.1 | 22.1 | 9.5 | 290 | 1.98 | 10.3 | 2.6 | 3.6 | 9 | |
| 22-Jul-11 | Thomas Barrette | OV-0374 | 1218397 | 1218397 | WHI11000905 | 1DX15 | 0.8 | 18.6 | 11.2 | 50 | <0.1 | 20.7 | 8.6 | 257 | 2.18 | 9.8 | 2.4 | 1.8 | 7 | |
| 22-Jul-11 | Thomas Barrette | OV-0373 | 1218398 | 1218398 | WHI11000905 | 1DX15 | 1.1 | 15.4 | 12.7 | 46 | <0.1 | 15.7 | 6.3 | 205 | 2.06 | 9.2 | 4.2 | 1.2 | 6 | |
| 22-Jul-11 | Thomas Barrette | OV-0372 | 1218399 | 1218399 | WHI11000905 | 1DX15 | 0.9 | 16.6 | 12 | 51 | <0.1 | 19.4 | 8.9 | 296 | 2.11 | 9.5 | 3.8 | 3 | 8 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|-----------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 22-Jul-11 | Thomas Barrette | OV-0371 | 1218400 | 1218400 | WHI11000905 | 1DX15 | 0.7 | 16.2 | 10.5 | 49 | <0.1 | 19.9 | 9.2 | 310 | 1.92 | 13 | 3.4 | 4.2 | 7 | |
| 23-Jul-11 | Thomas Barrette | OV-1009 | 1218401 | 1218401 | WHI11000905 | 1DX15 | 1.2 | 26 | 12.3 | 53 | <0.1 | 19.6 | 7.4 | 253 | 2.31 | 9.2 | 2.7 | 3.1 | 6 | |
| 23-Jul-11 | Thomas Barrette | OV-1010 | 1218402 | 1218402 | WHI11000905 | 1DX15 | 1.4 | 41.9 | 15.6 | 62 | <0.1 | 25.1 | 12.8 | 529 | 2.68 | 12.5 | 3.7 | 4.1 | 9 | |
| 23-Jul-11 | Thomas Barrette | OV-1011 | 1218403 | 1218403 | WHI11000905 | 1DX15 | 1 | 19.3 | 12.2 | 47 | <0.1 | 17.2 | 7.5 | 220 | 2.15 | 10.2 | 6.8 | 1.8 | 6 | |
| 23-Jul-11 | Thomas Barrette | OV-1012 | 1218404 | 1218404 | WHI11000905 | 1DX15 | 0.9 | 21.7 | 13.6 | 51 | <0.1 | 19 | 6.9 | 194 | 2.1 | 8.7 | 2.7 | 4 | 7 | |
| 23-Jul-11 | Thomas Barrette | OV-1013 | 1218405 | 1218405 | WHI11000905 | 1DX15 | 0.9 | 14.1 | 11.2 | 46 | <0.1 | 15.6 | 7 | 270 | 2.02 | 10.1 | 3.9 | 0.7 | 8 | |
| 23-Jul-11 | Thomas Barrette | OV-1014 | 1218406 | 1218406 | WHI11000905 | 1DX15 | 1.1 | 17.5 | 11.3 | 50 | <0.1 | 17.5 | 7.1 | 215 | 2.39 | 11.5 | 3.1 | 2.1 | 7 | |
| 23-Jul-11 | Thomas Barrette | OV-1015 | 1218407 | 1218407 | WHI11000905 | 1DX15 | 1 | 16.9 | 11.7 | 48 | <0.1 | 14.9 | 6.6 | 249 | 2.09 | 9.2 | 1.9 | 0.9 | 7 | |
| 23-Jul-11 | Thomas Barrette | OV-1016 | 1218408 | 1218408 | WHI11000905 | 1DX15 | 0.9 | 18.1 | 11.2 | 42 | <0.1 | 15.1 | 5.8 | 211 | 1.94 | 7.8 | 1.6 | 1.1 | 6 | |
| 23-Jul-11 | Thomas Barrette | OV-1017 | 1218409 | 1218409 | WHI11000905 | 1DX15 | 0.9 | 10.6 | 9.9 | 33 | <0.1 | 10.8 | 3.6 | 104 | 1.76 | 7.3 | 2.2 | 0.5 | 6 | |
| 23-Jul-11 | Thomas Barrette | OV-1018 | 1218410 | 1218410 | WHI11000905 | 1DX15 | 1 | 24.1 | 10.7 | 55 | <0.1 | 19.5 | 10.7 | 439 | 2.33 | 10.7 | 3.7 | 4.7 | 8 | |
| 23-Jul-11 | Thomas Barrette | OV-1019 | 1218411 | 1218411 | WHI11000905 | 1DX15 | 0.7 | 16 | 9.5 | 47 | <0.1 | 14.8 | 6.1 | 220 | 1.92 | 6.6 | 5.6 | 2.3 | 7 | |
| 23-Jul-11 | Thomas Barrette | OV-1020 | 1218412 | 1218412 | WHI11000905 | 1DX15 | 1 | 18.9 | 10.7 | 48 | <0.1 | 20.5 | 10.4 | 431 | 2.27 | 8 | 4.2 | 2.5 | 8 | |
| 23-Jul-11 | Thomas Barrette | OV-1021 | 1218413 | 1218413 | WHI11000905 | 1DX15 | 0.8 | 23.6 | 9.6 | 42 | <0.1 | 18 | 7.3 | 229 | 2.29 | 9.1 | 2 | 2.5 | 7 | |
| 23-Jul-11 | Thomas Barrette | OV-1022 | 1218414 | 1218414 | WHI11000905 | 1DX15 | 0.7 | 16.9 | 9.1 | 46 | <0.1 | 18.5 | 11.5 | 496 | 1.91 | 9.6 | 0.5 | 2.7 | 7 | |
| 23-Jul-11 | Thomas Barrette | OV-1023 | 1218415 | 1218415 | WHI11000905 | 1DX15 | 0.8 | 25.3 | 9.4 | 52 | <0.1 | 23.7 | 9.4 | 245 | 2.39 | 8.8 | 2 | 3.7 | 8 | |
| 23-Jul-11 | Thomas Barrette | OV-1024 | 1218416 | 1218416 | WHI11000905 | 1DX15 | 0.6 | 12 | 6.8 | 31 | <0.1 | 11.2 | 4.5 | 129 | 1.43 | 5.6 | 1.7 | 1.1 | 5 | |
| 23-Jul-11 | Thomas Barrette | OV-1025 | 1218417 | 1218417 | WHI11000905 | 1DX15 | 1.2 | 12.9 | 10.7 | 47 | <0.1 | 14 | 11.6 | 548 | 2.41 | 12.6 | 14.9 | 1.8 | 6 | |
| 23-Jul-11 | Thomas Barrette | OV-1026 | 1218418 | 1218418 | WHI11000905 | 1DX15 | 0.9 | 10.2 | 9.5 | 34 | <0.1 | 11.8 | 4 | 106 | 1.76 | 7.7 | 1.8 | 1.2 | 7 | |
| 23-Jul-11 | Thomas Barrette | OV-1027 | 1218419 | 1218419 | WHI11000905 | 1DX15 | 0.8 | 15.9 | 9.2 | 44 | <0.1 | 15.2 | 5.6 | 178 | 1.84 | 8.1 | 2.8 | 1.9 | 8 | |
| 23-Jul-11 | Thomas Barrette | OV-1028 | 1218420 | 1218420 | WHI11000905 | 1DX15 | 0.6 | 15.8 | 11.8 | 37 | <0.1 | 14.5 | 4.4 | 105 | 1.65 | 6 | 30.7 | 0.8 | 7 | |
| 23-Jul-11 | Thomas Barrette | OV-1029 | 1218421 | 1218421 | WHI11000905 | 1DX15 | 0.9 | 25.3 | 13.7 | 56 | 0.2 | 22 | 10.7 | 448 | 2.26 | 12.2 | 2.1 | 5.3 | 9 | |
| 23-Jul-11 | Thomas Barrette | OV-1030 | 1218422 | 1218422 | WHI11000905 | 1DX15 | 0.8 | 10.2 | 12.8 | 34 | <0.1 | 11.5 | 4.2 | 130 | 1.63 | 6.3 | 5.3 | 0.5 | 7 | |
| 23-Jul-11 | Thomas Barrette | OV-1031 | 1218423 | 1218423 | WHI11000905 | 1DX15 | 0.8 | 28.9 | 14.2 | 70 | <0.1 | 28.9 | 12.9 | 528 | 2.66 | 9.5 | 14.4 | 7.7 | 9 | |
| 23-Jul-11 | Thomas Barrette | OV-1032 | 1218424 | 1218424 | WHI11000905 | 1DX15 | 0.8 | 20.1 | 12.1 | 51 | <0.1 | 21 | 10.5 | 374 | 2.14 | 9.4 | 1.4 | 3.2 | 9 | |
| 23-Jul-11 | Thomas Barrette | OV-1033 | 1218425 | 1218425 | WHI11000905 | 1DX15 | 0.9 | 13 | 12 | 40 | <0.1 | 13.4 | 6.7 | 256 | 1.82 | 8.3 | 8.6 | 0.6 | 7 | |
| 23-Jul-11 | Thomas Barrette | OV-1034 | 1218426 | 1218426 | WHI11000905 | 1DX15 | 0.9 | 13 | 10 | 38 | <0.1 | 12.9 | 4.8 | 137 | 1.75 | 7.9 | 0.9 | 0.9 | 7 | |
| 23-Jul-11 | Thomas Barrette | OV-1035 | 1218427 | 1218427 | WHI11000905 | 1DX15 | 0.9 | 13.1 | 13.2 | 36 | <0.1 | 12.5 | 4.2 | 120 | 1.63 | 6.4 | 1.2 | 0.5 | 7 | |
| 23-Jul-11 | Thomas Barrette | OV-1036 | 1218428 | 1218428 | WHI11000905 | 1DX15 | 0.8 | 17.8 | 14.8 | 51 | 0.1 | 15.5 | 8.4 | 349 | 1.87 | 9.5 | 1.5 | 0.6 | 15 | |
| 23-Jul-11 | Thomas Barrette | OV-1037 | 1218429 | 1218429 | WHI11000905 | 1DX15 | 0.9 | 11.1 | 9.7 | 39 | <0.1 | 11.9 | 5.2 | 179 | 1.96 | 10.1 | 8 | 0.8 | 9 | |
| 23-Jul-11 | Thomas Barrette | OV-1038 | 1218430 | 1218430 | WHI11000905 | 1DX15 | 0.7 | 10.7 | 10.2 | 39 | <0.1 | 12.8 | 5.8 | 239 | 1.89 | 9.8 | 0.7 | 2.2 | 7 | |
| 23-Jul-11 | Thomas Barrette | OV-1039 | 1218431 | 1218431 | WHI11000905 | 1DX15 | 0.5 | 25.8 | 9.2 | 54 | <0.1 | 18.5 | 7.7 | 236 | 1.81 | 10.3 | 4 | 4.3 | 12 | |
| 23-Jul-11 | Thomas Barrette | OV-1040 | 1218432 | 1218432 | WHI11000905 | 1DX15 | 0.6 | 24.6 | 10.1 | 63 | <0.1 | 18.9 | 9.1 | 362 | 2.03 | 13.2 | 3.2 | 4 | 12 | |
| 23-Jul-11 | Thomas Barrette | OV-1041 | 1218433 | 1218433 | WHI11000905 | 1DX15 | 0.6 | 18.1 | 9 | 45 | <0.1 | 15.3 | 6.3 | 249 | 1.74 | 12.2 | 2.4 | 2.9 | 9 | |
| 23-Jul-11 | Thomas Barrette | OV-1042 | 1218434 | 1218434 | WHI11000905 | 1DX15 | 0.9 | 16.2 | 11 | 48 | <0.1 | 14.9 | 6.2 | 212 | 1.91 | 10.1 | 4.8 | 3 | 9 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|-----------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 23-Jul-11 | Thomas Barrette | OV-1043 | 1218435 | 1218435 | WHI11000905 | 1DX15 | 0.8 | 16.6 | 10.7 | 59 | <0.1 | 15.8 | 7.3 | 305 | 2.06 | 11.5 | 13.9 | 2.2 | 15 | |
| 23-Jul-11 | Thomas Barrette | OV-1044 | 1218436 | 1218436 | WHI11000905 | 1DX15 | 1 | 13.9 | 12 | 49 | <0.1 | 13.7 | 8 | 353 | 2.14 | 11.3 | 4.2 | 1.1 | 9 | |
| 23-Jul-11 | Thomas Barrette | OV-1045 | 1218437 | 1218437 | WHI11000905 | 1DX15 | 0.8 | 10.9 | 13.9 | 40 | 0.1 | 11.4 | 4.2 | 103 | 1.85 | 9.7 | 11.9 | 0.6 | 8 | |
| 23-Jul-11 | Thomas Barrette | OV-1046 | 1218438 | 1218438 | WHI11000905 | 1DX15 | 0.6 | 9.2 | 9.9 | 37 | <0.1 | 10.1 | 4.2 | 99 | 1.59 | 7.6 | 10 | 1 | 7 | |
| 23-Jul-11 | Thomas Barrette | OV-1047 | 1218439 | 1218439 | WHI11000905 | 1DX15 | 0.4 | 8.3 | 9 | 37 | <0.1 | 10.5 | 3.6 | 74 | 1.36 | 5.4 | 12.4 | 0.9 | 7 | |
| 23-Jul-11 | Thomas Barrette | OV-1048 | 1218440 | 1218440 | WHI11000905 | 1DX15 | 0.6 | 7.6 | 8.7 | 35 | <0.1 | 9.6 | 3.3 | 74 | 1.44 | 6.6 | 1.4 | 1.2 | 6 | |
| 24-Jul-11 | Thomas Barrette | OV-0014 | 1218441 | 1218441 | WHI11000989 | 1DX15 | 0.5 | 22.7 | 10.3 | 51 | <0.1 | 19.9 | 9.1 | 358 | 2.17 | 8.5 | 4.1 | 7.4 | 12 | |
| 24-Jul-11 | Thomas Barrette | OV-0016 | 1218442 | 1218442 | WHI11000989 | 1DX15 | 0.6 | 24.9 | 14.8 | 60 | <0.1 | 22.5 | 8.6 | 279 | 2.42 | 6.8 | 2.9 | 9.9 | 17 | |
| 24-Jul-11 | Thomas Barrette | OV-0018 | 1218443 | 1218443 | WHI11000989 | 1DX15 | 0.8 | 9.2 | 9.3 | 40 | <0.1 | 12 | 6.9 | 409 | 1.93 | 10.5 | 2.3 | 4 | 11 | |
| 24-Jul-11 | Thomas Barrette | OV-0020 | 1218444 | 1218444 | WHI11000989 | 1DX15 | 0.5 | 16.9 | 10.4 | 43 | <0.1 | 14.7 | 6.1 | 210 | 1.79 | 8.7 | 2.3 | 5.2 | 22 | |
| 24-Jul-11 | Thomas Barrette | OV-0022 | 1218445 | 1218445 | WHI11000989 | 1DX15 | 0.3 | 13.8 | 10.7 | 45 | 0.1 | 14.3 | 6.8 | 367 | 1.66 | 3.9 | 0.9 | 4.1 | 55 | |
| 24-Jul-11 | Thomas Barrette | OV-0024 | 1218446 | 1218446 | WHI11000989 | 1DX15 | 0.6 | 20.2 | 9.6 | 51 | 0.1 | 18.6 | 8.3 | 248 | 2 | 8.9 | 3.5 | 5.5 | 23 | |
| 24-Jul-11 | Thomas Barrette | OV-0026 | 1218447 | 1218447 | WHI11000989 | 1DX15 | 0.7 | 12.9 | 7.8 | 45 | <0.1 | 14.1 | 4.9 | 169 | 1.76 | 10.2 | 1.8 | 1.9 | 10 | |
| 24-Jul-11 | Thomas Barrette | OV-0028 | 1218448 | 1218448 | WHI11000989 | 1DX15 | 0.8 | 11.9 | 9.2 | 44 | <0.1 | 12.7 | 6.7 | 163 | 2.09 | 13 | <0.5 | 4.4 | 6 | |
| 24-Jul-11 | Thomas Barrette | OV-0030 | 1218449 | 1218449 | WHI11000989 | 1DX15 | 0.4 | 25.9 | 23.1 | 61 | <0.1 | 24.7 | 13.3 | 574 | 2.6 | 8.9 | 1.8 | 14.5 | 24 | |
| 24-Jul-11 | Thomas Barrette | OV-0032 | 1218450 | 1218450 | WHI11000989 | 1DX15 | 0.3 | 28.6 | 21.5 | 65 | <0.1 | 25.2 | 14.5 | 349 | 3.04 | 5.9 | 1.7 | 16.9 | 28 | |
| 24-Jul-11 | Thomas Barrette | OV-0034 | 1218451 | 1218451 | WHI11000989 | 1DX15 | 0.6 | 19.2 | 12.2 | 48 | <0.1 | 16.4 | 7.6 | 269 | 2.18 | 7.3 | <0.5 | 9.5 | 15 | |
| 24-Jul-11 | Thomas Barrette | OV-0036 | 1218452 | 1218452 | WHI11000989 | 1DX15 | 0.4 | 29.9 | 21.1 | 77 | <0.1 | 29.1 | 10.8 | 317 | 2.94 | 9.2 | 1.6 | 22.1 | 23 | |
| 24-Jul-11 | Thomas Barrette | OV-0038 | 1218453 | 1218453 | WHI11000989 | 1DX15 | 0.3 | 18.4 | 13 | 64 | <0.1 | 18.4 | 9 | 391 | 2.1 | 4.6 | <0.5 | 9.3 | 41 | |
| 24-Jul-11 | Thomas Barrette | OV-0040 | 1218454 | 1218454 | WHI11000989 | 1DX15 | 0.4 | 27.8 | 30.1 | 71 | <0.1 | 26.6 | 14.5 | 633 | 2.99 | 7 | 0.9 | 23.7 | 37 | |
| | | | 1218455 | | | | | | | | | | | | | | | | | |
| 25-Jul-11 | Thomas Barrette | OV-0760 | 1218456 | 1218456 | WHI11000989 | 1DX15 | 0.9 | 19.7 | 10.1 | 46 | <0.1 | 13 | 5.7 | 195 | 2.17 | 8.6 | 1.1 | 5.8 | 8 | |
| 25-Jul-11 | Thomas Barrette | OV-0761 | 1218457 | 1218457 | WHI11000989 | 1DX15 | 0.7 | 23 | 10.5 | 51 | <0.1 | 13.4 | 6 | 222 | 2.23 | 13 | 2.8 | 7.2 | 10 | |
| 25-Jul-11 | Thomas Barrette | OV-0762 | 1218458 | 1218458 | WHI11000989 | 1DX15 | 0.9 | 14.8 | 10.3 | 36 | <0.1 | 9.6 | 3.8 | 129 | 1.99 | 10 | 14.1 | 2.9 | 8 | |
| 25-Jul-11 | Thomas Barrette | OV-0763 | 1218459 | 1218459 | WHI11000989 | 1DX15 | 0.7 | 22.6 | 11.1 | 47 | <0.1 | 12.7 | 5.6 | 179 | 2.4 | 37.2 | 7.8 | 9.8 | 8 | |
| 25-Jul-11 | Thomas Barrette | OV-0764 | 1218460 | 1218460 | WHI11000989 | 1DX15 | 1 | 29.1 | 15 | 50 | <0.1 | 9.8 | 4 | 176 | 2.55 | 6 | 3 | 11.4 | 8 | |
| 25-Jul-11 | Thomas Barrette | OV-0765 | 1218461 | 1218461 | WHI11000989 | 1DX15 | 0.7 | 26.3 | 14.3 | 52 | <0.1 | 15.3 | 6.5 | 172 | 2.6 | 10.1 | 1.3 | 11.7 | 9 | |
| 25-Jul-11 | Thomas Barrette | OV-0766 | 1218462 | 1218462 | WHI11000989 | 1DX15 | 1 | 25.9 | 13.4 | 51 | <0.1 | 14 | 5.8 | 150 | 2.63 | 7.4 | 2 | 10.9 | 7 | |
| 25-Jul-11 | Thomas Barrette | OV-0767 | 1218463 | 1218463 | WHI11000989 | 1DX15 | 0.8 | 20.7 | 11.4 | 47 | <0.1 | 15.2 | 7.3 | 233 | 2.24 | 11.2 | 2.6 | 5.4 | 9 | |
| 25-Jul-11 | Thomas Barrette | OV-0768 | 1218464 | 1218464 | WHI11000989 | 1DX15 | 0.9 | 20 | 13.3 | 42 | <0.1 | 10.7 | 5.1 | 169 | 2.14 | 9.5 | 1.3 | 8.1 | 7 | |
| 25-Jul-11 | Thomas Barrette | OV-0769 | 1218465 | 1218465 | WHI11000989 | 1DX15 | 0.7 | 17.1 | 11.3 | 47 | <0.1 | 19.7 | 9.5 | 198 | 1.99 | 10.4 | 3.4 | 6 | 9 | |
| 25-Jul-11 | Thomas Barrette | OV-0770 | 1218466 | 1218466 | WHI11000989 | 1DX15 | 0.6 | 26.4 | 23.9 | 54 | <0.1 | 16.3 | 6 | 116 | 2.47 | 8.4 | 1.4 | 16.4 | 17 | |
| 25-Jul-11 | Thomas Barrette | OV-0771 | 1218467 | 1218467 | WHI11000989 | 1DX15 | 0.8 | 14.3 | 14.3 | 44 | <0.1 | 14.5 | 6.7 | 136 | 2.19 | 10.3 | 1.3 | 6.2 | 7 | |
| 25-Jul-11 | Thomas Barrette | OV-0772 | 1218468 | 1218468 | WHI11000989 | 1DX15 | 0.7 | 24.9 | 16 | 54 | <0.1 | 20.4 | 11.2 | 169 | 2.44 | 12.6 | 6.9 | 12.7 | 13 | |
| 25-Jul-11 | Thomas Barrette | OV-0773 | 1218469 | 1218469 | WHI11000989 | 1DX15 | 0.6 | 12.5 | 7.4 | 37 | <0.1 | 18.4 | 9.9 | 176 | 1.46 | 8.4 | 1.1 | 3.9 | 6 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|-----------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 25-Jul-11 | Thomas Barrette | OV-0774 | 1218470 | 1218470 | WHI11000989 | 1DX15 | 1.4 | 20.8 | 11.7 | 54 | <0.1 | 21.7 | 7.4 | 150 | 2.14 | 10.3 | 9 | 5.5 | 8 | |
| 25-Jul-11 | Thomas Barrette | OV-0775 | 1218471 | 1218471 | WHI11000989 | 1DX15 | 0.9 | 11.1 | 9.5 | 44 | <0.1 | 13 | 5.5 | 150 | 1.99 | 14.7 | 2 | 4 | 6 | |
| 25-Jul-11 | Thomas Barrette | OV-0776 | 1218472 | 1218472 | WHI11000989 | 1DX15 | 0.7 | 10.2 | 10.2 | 36 | <0.1 | 9.7 | 4.4 | 158 | 2 | 9.8 | 1.8 | 1.1 | 7 | |
| 25-Jul-11 | Thomas Barrette | OV-0777 | 1218473 | 1218473 | WHI11000989 | 1DX15 | 0.8 | 19.2 | 17.6 | 53 | <0.1 | 17.8 | 9.2 | 257 | 2.33 | 10.9 | 1.3 | 5.6 | 11 | |
| 25-Jul-11 | Thomas Barrette | OV-0778 | 1218474 | 1218474 | WHI11000989 | 1DX15 | 1 | 24.6 | 14.2 | 51 | <0.1 | 16.9 | 10.3 | 283 | 2.27 | 10.9 | 5.1 | 4.9 | 16 | |
| 25-Jul-11 | Thomas Barrette | OV-0779 | 1218475 | 1218475 | WHI11000989 | 1DX15 | 1.5 | 19.5 | 22 | 51 | <0.1 | 13.5 | 6.7 | 243 | 2.63 | 12.4 | 0.9 | 7.4 | 16 | |
| 25-Jul-11 | Thomas Barrette | OV-0780 | 1218476 | 1218476 | WHI11000989 | 1DX15 | 0.9 | 19.2 | 14.2 | 38 | <0.1 | 13.2 | 5.5 | 149 | 2.1 | 8.4 | 2.4 | 1.6 | 11 | |
| 25-Jul-11 | Thomas Barrette | OV-0781 | 1218477 | 1218477 | WHI11000989 | 1DX15 | 0.8 | 31.9 | 27.4 | 64 | <0.1 | 16.8 | 7.4 | 191 | 3.15 | 6.8 | 1.2 | 10 | 18 | |
| 25-Jul-11 | Thomas Barrette | OV-0782 | 1218478 | 1218478 | WHI11000989 | 1DX15 | 1.3 | 21.5 | 20.8 | 53 | <0.1 | 14.2 | 5.3 | 158 | 2.85 | 5 | 2 | 12.6 | 17 | |
| 25-Jul-11 | Thomas Barrette | OV-0783 | 1218479 | 1218479 | WHI11000989 | 1DX15 | 1 | 31.9 | 20 | 58 | <0.1 | 30.9 | 13.8 | 198 | 2.81 | 7.1 | 4 | 15.5 | 13 | |
| 25-Jul-11 | Thomas Barrette | OV-0784 | 1218480 | 1218480 | WHI11000989 | 1DX15 | 0.8 | 26.4 | 16.6 | 54 | <0.1 | 24.7 | 11.6 | 271 | 2.64 | 9.3 | 5.2 | 14 | 11 | |
| 25-Jul-11 | Thomas Barrette | OV-0785 | 1218481 | 1218481 | WHI11000989 | 1DX15 | 0.9 | 21.3 | 13.2 | 45 | <0.1 | 13.7 | 5.5 | 139 | 2.14 | 6.2 | 4.5 | 9.4 | 12 | |
| 25-Jul-11 | Thomas Barrette | OV-0786 | 1218482 | 1218482 | WHI11000989 | 1DX15 | 0.9 | 21.9 | 12.7 | 52 | <0.1 | 16 | 7.7 | 240 | 2.21 | 6.7 | 11.1 | 9 | 12 | |
| 25-Jul-11 | Thomas Barrette | OV-0787 | 1218483 | 1218483 | WHI11000989 | 1DX15 | 0.8 | 10.5 | 7.8 | 37 | <0.1 | 11.3 | 4.3 | 138 | 1.9 | 9 | 5.2 | 3.5 | 7 | |
| 25-Jul-11 | Thomas Barrette | OV-0788 | 1218484 | 1218484 | WHI11000989 | 1DX15 | 0.7 | 8.7 | 9.9 | 33 | <0.1 | 8.8 | 3.5 | 108 | 1.71 | 7.4 | 1 | 2.8 | 8 | |
| 25-Jul-11 | Thomas Barrette | OV-0789 | 1218485 | 1218485 | WHI11000989 | 1DX15 | 0.8 | 23.7 | 17.6 | 48 | <0.1 | 21.7 | 9.8 | 254 | 2.63 | 8 | 1.8 | 8.5 | 8 | |
| 25-Jul-11 | Thomas Barrette | OV-0790 | 1218486 | 1218486 | WHI11000989 | 1DX15 | 0.8 | 54.1 | 28.5 | 70 | 0.1 | 29.8 | 13.1 | 467 | 3.86 | 7.2 | 7.3 | 18.1 | 40 | |
| 25-Jul-11 | Thomas Barrette | OV-0791 | 1218487 | 1218487 | WHI11000989 | 1DX15 | 0.6 | 12.9 | 8 | 44 | <0.1 | 14.1 | 6.4 | 256 | 1.71 | 9.6 | 2.4 | 3 | 18 | |
| 25-Jul-11 | Thomas Barrette | OV-0792 | 1218488 | 1218488 | WHI11000989 | 1DX15 | 0.8 | 10.9 | 11.4 | 33 | <0.1 | 11 | 3.9 | 116 | 1.6 | 7.1 | 1 | 1.5 | 8 | |
| 26-Jul-11 | Thomas Barrette | OV-0793 | 1218489 | 1218489 | WHI11000989 | 1DX15 | 0.7 | 15.2 | 10.2 | 42 | <0.1 | 16.6 | 6.4 | 162 | 1.85 | 8.8 | 1.2 | 4.2 | 7 | |
| 26-Jul-11 | Thomas Barrette | OV-0794 | 1218490 | 1218490 | WHI11000989 | 1DX15 | 1 | 32.6 | 24.2 | 67 | 0.1 | 37.3 | 15.4 | 671 | 3.6 | 6.1 | 10.4 | 11.8 | 62 | |
| 26-Jul-11 | Thomas Barrette | OV-0795 | 1218491 | 1218491 | WHI11000989 | 1DX15 | 0.8 | 60.6 | 30.3 | 58 | 0.1 | 11.6 | 5.1 | 301 | 3.99 | 2.7 | 4.6 | 11.5 | 63 | |
| 26-Jul-11 | Thomas Barrette | OV-0796 | 1218492 | 1218492 | WHI11000989 | 1DX15 | 0.6 | 25.9 | 16.3 | 59 | <0.1 | 23.9 | 9.6 | 215 | 2.52 | 8.2 | 2.8 | 10.1 | 6 | |
| 26-Jul-11 | Thomas Barrette | OV-0797 | 1218493 | 1218493 | WHI11000989 | 1DX15 | 0.7 | 17.7 | 8.7 | 41 | <0.1 | 15.1 | 6.8 | 220 | 1.93 | 11.9 | 1.3 | 4.8 | 6 | |
| 26-Jul-11 | Thomas Barrette | OV-0798 | 1218494 | 1218494 | WHI11000989 | 1DX15 | 0.8 | 23.7 | 11.4 | 52 | <0.1 | 20.6 | 7.7 | 173 | 2.36 | 11.6 | 11.6 | 9.1 | 8 | |
| 26-Jul-11 | Thomas Barrette | OV-0799 | 1218495 | 1218495 | WHI11000989 | 1DX15 | 1 | 17.1 | 9.5 | 47 | <0.1 | 20.9 | 7.2 | 158 | 1.84 | 10.1 | 1.5 | 5.3 | 6 | |
| 26-Jul-11 | Thomas Barrette | OV-0800 | 1218496 | 1218496 | WHI11000989 | 1DX15 | 1 | 21.2 | 12.8 | 56 | 0.1 | 19.4 | 7.2 | 176 | 3.11 | 23.8 | 1.7 | 9.9 | 9 | |
| 26-Jul-11 | Thomas Barrette | OV-0801 | 1218497 | 1218497 | WHI11000989 | 1DX15 | 0.8 | 26.2 | 12.7 | 50 | 0.1 | 17.6 | 6.4 | 156 | 2.49 | 10 | 2 | 10.6 | 12 | |
| 26-Jul-11 | Thomas Barrette | OV-0802 | 1218498 | 1218498 | WHI11000989 | 1DX15 | 0.8 | 29.4 | 13.2 | 46 | <0.1 | 14.7 | 7.1 | 176 | 2.32 | 8.8 | 1.7 | 9.7 | 10 | |
| 26-Jul-11 | Thomas Barrette | OV-0803 | 1218499 | 1218499 | WHI11000989 | 1DX15 | 1.2 | 17.6 | 10 | 49 | <0.1 | 15.8 | 5.8 | 143 | 2.38 | 10.6 | 1.6 | 4.7 | 10 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|-----------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 26-Jul-11 | Thomas Barrette | OV-0804 | 1218500 | 1218500 | WHI11000989 | 1DX15 | 1 | 24.7 | 10.9 | 52 | <0.1 | 14.1 | 6.5 | 165 | 2.4 | 7.1 | 2.1 | 9.8 | 11 | |
| 14-Jul-11 | Sam Snelling | OV-0585 | 1218501 | 1218501 | WHI11000757 | 1DX15 | 0.9 | 25.6 | 11 | 54 | <0.1 | 23.8 | 9.9 | 234 | 2.34 | 9.2 | 1.3 | 9.4 | 5 | |
| 14-Jul-11 | Sam Snelling | OV-0584 | 1218502 | 1218502 | WHI11000757 | 1DX15 | 0.6 | 21.1 | 7.9 | 41 | <0.1 | 16.8 | 6.6 | 189 | 1.81 | 6.9 | 13.4 | 5.9 | 5 | |
| 14-Jul-11 | Sam Snelling | OV-0583 | 1218503 | 1218503 | WHI11000757 | 1DX15 | 0.6 | 24.8 | 9 | 51 | <0.1 | 22.3 | 8.5 | 183 | 2.38 | 6.6 | <0.5 | 8.7 | 6 | |
| 14-Jul-11 | Sam Snelling | OV-0582 | 1218504 | 1218504 | WHI11000757 | 1DX15 | 0.7 | 19.3 | 9.2 | 44 | <0.1 | 19.2 | 6.9 | 162 | 1.99 | 10.9 | 1.1 | 5.3 | 7 | |
| 14-Jul-11 | Sam Snelling | OV-0581 | 1218505 | 1218505 | WHI11000757 | 1DX15 | 0.6 | 11.4 | 9.1 | 36 | <0.1 | 14.4 | 5.3 | 116 | 1.65 | 6.6 | 1.6 | 5.1 | 6 | |
| 14-Jul-11 | Sam Snelling | OV-0580 | 1218506 | 1218506 | WHI11000757 | 1DX15 | 0.8 | 23.3 | 8.7 | 50 | <0.1 | 20.7 | 7.4 | 148 | 2.04 | 8.2 | 18.3 | 7.3 | 6 | |
| 14-Jul-11 | Sam Snelling | OV-0579 | 1218507 | 1218507 | WHI11000757 | 1DX15 | 0.7 | 20.8 | 9.1 | 48 | <0.1 | 19.9 | 6.8 | 161 | 2.12 | 14.6 | 6.6 | 5.7 | 7 | |
| 14-Jul-11 | Sam Snelling | OV-0578 | 1218508 | 1218508 | WHI11000757 | 1DX15 | 1 | 16 | 9.1 | 46 | <0.1 | 14 | 6.3 | 195 | 1.93 | 10.4 | 9.4 | 4.3 | 7 | |
| 14-Jul-11 | Sam Snelling | OV-0577 | 1218509 | 1218509 | WHI11000757 | 1DX15 | 1 | 34.1 | 13.2 | 65 | <0.1 | 25.8 | 10.4 | 243 | 2.61 | 9.3 | 3 | 12.3 | 6 | |
| 14-Jul-11 | Sam Snelling | OV-0576 | 1218510 | 1218510 | WHI11000757 | 1DX15 | 0.8 | 16.2 | 8.8 | 42 | <0.1 | 14.8 | 6.8 | 228 | 1.88 | 9.7 | 5.3 | 4.3 | 10 | |
| 14-Jul-11 | Sam Snelling | OV-0575 | 1218511 | 1218511 | WHI11000757 | 1DX15 | 0.9 | 28 | 10.1 | 59 | <0.1 | 21.8 | 9.1 | 264 | 2.12 | 9 | 22.8 | 6.7 | 7 | |
| 14-Jul-11 | Sam Snelling | OV-0574 | 1218512 | 1218512 | WHI11000757 | 1DX15 | 1.1 | 26.6 | 9.6 | 59 | <0.1 | 22.3 | 8.4 | 254 | 2.21 | 9 | 3.7 | 6.3 | 10 | |
| 14-Jul-11 | Sam Snelling | OV-0573 | 1218513 | 1218513 | WHI11000757 | 1DX15 | 0.9 | 13.1 | 8.5 | 45 | <0.1 | 13.9 | 8.3 | 263 | 1.85 | 8.4 | 2.4 | 3.6 | 7 | |
| 14-Jul-11 | Sam Snelling | OV-0572 | 1218514 | 1218514 | WHI11000757 | 1DX15 | 0.8 | 12.6 | 8.2 | 42 | <0.1 | 12.6 | 7 | 212 | 1.97 | 10.3 | 2.2 | 3.2 | 7 | |
| 15-Jul-11 | Sam Snelling | OV-0523 | 1218515 | 1218515 | WHI11000757 | 1DX15 | 0.7 | 21.6 | 8.9 | 57 | <0.1 | 23.9 | 10.2 | 318 | 2.12 | 10.4 | 1.6 | 5.8 | 10 | |
| 15-Jul-11 | Sam Snelling | OV-0524 | 1218516 | 1218516 | WHI11000757 | 1DX15 | 0.7 | 23 | 9.3 | 53 | <0.1 | 23.6 | 8.8 | 265 | 2.4 | 15 | 4 | 7 | 9 | |
| 15-Jul-11 | Sam Snelling | OV-0525 | 1218517 | 1218517 | WHI11000757 | 1DX15 | 1.2 | 17.3 | 10.2 | 66 | <0.1 | 19.6 | 8.1 | 295 | 2.33 | 11.8 | 1.5 | 1.3 | 10 | |
| 15-Jul-11 | Sam Snelling | OV-0526 | 1218518 | 1218518 | WHI11000757 | 1DX15 | 1.3 | 12.3 | 12 | 59 | <0.1 | 14.3 | 6.8 | 336 | 2.52 | 12.5 | 1.2 | 0.3 | 8 | |
| 15-Jul-11 | Sam Snelling | OV-0527 | 1218519 | 1218519 | WHI11000757 | 1DX15 | 0.9 | 13 | 10.5 | 44 | <0.1 | 15 | 6.2 | 259 | 2.04 | 12.7 | 2.9 | 1.4 | 7 | |
| 15-Jul-11 | Sam Snelling | OV-0528 | 1218520 | 1218520 | WHI11000757 | 1DX15 | 1.1 | 15.3 | 11.7 | 67 | <0.1 | 17 | 8.3 | 410 | 2.33 | 14.5 | 1.8 | 0.5 | 9 | |
| 15-Jul-11 | Sam Snelling | OV-0529 | 1218521 | 1218521 | WHI11000757 | 1DX15 | 0.9 | 24.5 | 11 | 65 | <0.1 | 19.9 | 7.9 | 277 | 2.36 | 12.9 | 6.7 | 1.9 | 8 | |
| 15-Jul-11 | Sam Snelling | OV-0530 | 1218522 | 1218522 | WHI11000757 | 1DX15 | 0.5 | 31.9 | 14.5 | 70 | <0.1 | 31.2 | 14.3 | 523 | 2.63 | 8.6 | 6 | 9.3 | 7 | |
| 15-Jul-11 | Sam Snelling | OV-0531 | 1218523 | 1218523 | WHI11000757 | 1DX15 | 1.1 | 16.7 | 10.9 | 52 | <0.1 | 16.2 | 7.9 | 288 | 2.33 | 11.3 | 5.3 | 1.2 | 6 | |
| 15-Jul-11 | Sam Snelling | OV-0532 | 1218524 | 1218524 | WHI11000757 | 1DX15 | 0.7 | 20.2 | 8.7 | 58 | <0.1 | 19.5 | 8 | 277 | 2.07 | 10.1 | 43.9 | 4.4 | 6 | |
| 15-Jul-11 | Sam Snelling | OV-0533 | 1218525 | 1218525 | WHI11000757 | 1DX15 | 0.7 | 20.7 | 8.3 | 54 | <0.1 | 22.5 | 10.3 | 396 | 1.99 | 8.7 | 1.3 | 3.9 | 7 | |
| 15-Jul-11 | Sam Snelling | OV-0534 | 1218526 | 1218526 | WHI11000757 | 1DX15 | 0.8 | 13.3 | 9.8 | 39 | <0.1 | 13.6 | 4.7 | 187 | 1.9 | 8.7 | 4.6 | 1.2 | 4 | |
| 15-Jul-11 | Sam Snelling | OV-0535 | 1218527 | 1218527 | WHI11000757 | 1DX15 | 0.5 | 48.8 | 25.5 | 80 | <0.1 | 46.7 | 24.4 | 1227 | 3.68 | 6.6 | 0.7 | 15 | 10 | |
| 15-Jul-11 | Sam Snelling | OV-0536 | 1218528 | 1218528 | WHI11000757 | 1DX15 | 0.9 | 21.8 | 8.9 | 47 | <0.1 | 15.7 | 7.6 | 281 | 2.2 | 9.5 | 44.1 | 0.9 | 5 | |
| 15-Jul-11 | Sam Snelling | OV-0537 | 1218529 | 1218529 | WHI11000757 | 1DX15 | 1.1 | 11.3 | 9.6 | 27 | 0.1 | 9.5 | 3.8 | 117 | 1.96 | 9.6 | 0.9 | 0.4 | 5 | |
| 15-Jul-11 | Sam Snelling | OV-0538 | 1218530 | 1218530 | WHI11000757 | 1DX15 | 0.7 | 25.4 | 9.4 | 59 | <0.1 | 23.3 | 11.5 | 395 | 2.59 | 9.2 | 1.8 | 5.9 | 5 | |
| 15-Jul-11 | Sam Snelling | OV-0539 | 1218531 | 1218531 | WHI11000757 | 1DX15 | 1 | 15.2 | 10.2 | 41 | <0.1 | 12.6 | 6 | 189 | 2.15 | 10.2 | 1.8 | 1.4 | 6 | |
| 15-Jul-11 | Sam Snelling | OV-0540 | 1218532 | 1218532 | WHI11000757 | 1DX15 | 0.8 | 20.4 | 10.9 | 42 | <0.1 | 16.8 | 7.9 | 228 | 2.3 | 9.3 | 3.8 | 6.9 | 7 | |
| 15-Jul-11 | Sam Snelling | OV-0541 | 1218533 | 1218533 | WHI11000757 | 1DX15 | 0.5 | 34.9 | 15 | 94 | <0.1 | 37.1 | 20 | 879 | 4.15 | 11 | 2.3 | 11.9 | 10 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|-----------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 15-Jul-11 | Sam Snelling | OV-0542 | 1218534 | 1218534 | WHI11000757 | 1DX15 | 0.9 | 22.4 | 10.9 | 49 | <0.1 | 21 | 8.3 | 215 | 2.56 | 13.2 | 19.5 | 7.7 | 4 | |
| 15-Jul-11 | Sam Snelling | OV-0543 | 1218535 | 1218535 | WHI11000757 | 1DX15 | 0.7 | 16.5 | 11.1 | 46 | <0.1 | 17.1 | 8.8 | 306 | 1.98 | 13 | 3 | 4.9 | 6 | |
| 15-Jul-11 | Sam Snelling | OV-0544 | 1218536 | 1218536 | WHI11000757 | 1DX15 | 0.8 | 41 | 12.2 | 79 | 0.1 | 36.2 | 15.8 | 408 | 3.23 | 8.8 | 0.9 | 13.9 | 7 | |
| 15-Jul-11 | Sam Snelling | OV-0545 | 1218537 | 1218537 | WHI11000757 | 1DX15 | 1.2 | 34.5 | 15.8 | 82 | <0.1 | 36.8 | 19 | 694 | 3.72 | 8.8 | 1.8 | 10.4 | 6 | |
| 15-Jul-11 | Sam Snelling | OV-0546 | 1218538 | 1218538 | WHI11000757 | 1DX15 | 1 | 15.6 | 9.8 | 32 | <0.1 | 14.3 | 4.8 | 108 | 1.69 | 9.9 | 1.8 | 0.6 | 5 | |
| 15-Jul-11 | Sam Snelling | OV-0547 | 1218539 | 1218539 | WHI11000757 | 1DX15 | 0.7 | 17.7 | 8.4 | 41 | <0.1 | 14.6 | 7.6 | 211 | 1.96 | 11.7 | 3.7 | 3.9 | 6 | |
| 15-Jul-11 | Sam Snelling | OV-0548 | 1218540 | 1218540 | WHI11000757 | 1DX15 | 0.7 | 12.2 | 10.5 | 39 | <0.1 | 16.6 | 7 | 164 | 1.82 | 12.8 | 3.1 | 4.3 | 4 | |
| 15-Jul-11 | Sam Snelling | OV-0549 | 1218541 | 1218541 | WHI11000757 | 1DX15 | 1.1 | 12.5 | 12.6 | 43 | <0.1 | 14.4 | 6.6 | 238 | 2.28 | 11.4 | <0.5 | 3.8 | 6 | |
| 15-Jul-11 | Sam Snelling | OV-0550 | 1218542 | 1218542 | WHI11000757 | 1DX15 | 0.7 | 15.3 | 8.2 | 40 | <0.1 | 15 | 6.6 | 254 | 1.69 | 14.5 | 2 | 3.9 | 7 | |
| 15-Jul-11 | Sam Snelling | OV-0551 | 1218543 | 1218543 | WHI11000757 | 1DX15 | 0.6 | 11.8 | 10.4 | 35 | <0.1 | 15.5 | 8.9 | 390 | 1.66 | 10.4 | <0.5 | 2.5 | 7 | |
| 15-Jul-11 | Sam Snelling | OV-0552 | 1218544 | 1218544 | WHI11000757 | 1DX15 | 0.7 | 14.7 | 9.9 | 37 | <0.1 | 15.4 | 5.3 | 208 | 1.75 | 12 | 3 | 1.9 | 4 | |
| 15-Jul-11 | Sam Snelling | OV-0553 | 1218545 | 1218545 | WHI11000757 | 1DX15 | 0.9 | 10.8 | 8.3 | 33 | <0.1 | 12.1 | 4.4 | 142 | 1.5 | 9.1 | 2 | 2 | 6 | |
| 15-Jul-11 | Sam Snelling | OV-0554 | 1218546 | 1218546 | WHI11000757 | 1DX15 | 0.8 | 11.3 | 8.5 | 39 | <0.1 | 13.3 | 7.1 | 183 | 1.87 | 11.9 | 1.4 | 3.6 | 5 | |
| 15-Jul-11 | Sam Snelling | OV-0555 | 1218547 | 1218547 | WHI11000757 | 1DX15 | 0.9 | 14.1 | 5.6 | 37 | <0.1 | 13.4 | 4.5 | 148 | 1.58 | 9.5 | 0.9 | 1.7 | 4 | |
| 15-Jul-11 | Sam Snelling | OV-0556 | 1218548 | 1218548 | WHI11000757 | 1DX15 | 1 | 21.6 | 9.5 | 53 | <0.1 | 19.6 | 8.1 | 205 | 2.39 | 9.7 | 5.6 | 4.6 | 6 | |
| 15-Jul-11 | Sam Snelling | OV-0557 | 1218549 | 1218549 | WHI11000757 | 1DX15 | 0.8 | 20.4 | 7.9 | 43 | <0.1 | 13 | 5.4 | 153 | 1.93 | 9.5 | 1.8 | 2.4 | 8 | |
| 15-Jul-11 | Sam Snelling | OV-0558 | 1218550 | 1218550 | WHI11000757 | 1DX15 | 0.7 | 13.5 | 8.4 | 35 | <0.1 | 13.8 | 5.4 | 175 | 2.13 | 10 | 1.4 | 1.4 | 5 | |
| 15-Jul-11 | Sam Snelling | OV-0559 | 1218551 | 1218551 | WHI11000757 | 1DX15 | 0.8 | 15.4 | 8.5 | 36 | <0.1 | 13.2 | 6.1 | 201 | 1.76 | 10 | 11.1 | 2.3 | 6 | |
| 15-Jul-11 | Sam Snelling | OV-0560 | 1218552 | 1218552 | WHI11000757 | 1DX15 | 1 | 13.9 | 9.4 | 48 | <0.1 | 16.1 | 6.9 | 221 | 2.17 | 11.7 | 1.7 | 3.2 | 7 | |
| 15-Jul-11 | Sam Snelling | OV-0561 | 1218553 | 1218553 | WHI11000757 | 1DX15 | 0.8 | 13.9 | 9.6 | 46 | <0.1 | 16.4 | 7.1 | 223 | 2.21 | 11 | 3.6 | 4.8 | 6 | |
| 15-Jul-11 | Sam Snelling | OV-0562 | 1218554 | 1218554 | WHI11000757 | 1DX15 | 0.8 | 19.4 | 10.4 | 45 | <0.1 | 18.5 | 6.8 | 166 | 2.19 | 11.7 | <0.5 | 6.2 | 6 | |
| 15-Jul-11 | Sam Snelling | OV-0563 | 1218555 | 1218555 | WHI11000757 | 1DX15 | 0.8 | 17.9 | 8.7 | 44 | <0.1 | 16 | 7.4 | 227 | 2.09 | 11.3 | 3.3 | 3.6 | 7 | |
| 15-Jul-11 | Sam Snelling | OV-0564 | 1218556 | 1218556 | WHI11000757 | 1DX15 | 0.6 | 16.3 | 9.4 | 52 | <0.1 | 16.7 | 7.9 | 323 | 1.94 | 11.9 | 1.9 | 4.2 | 6 | |
| 15-Jul-11 | Sam Snelling | OV-0565 | 1218557 | 1218557 | WHI11000757 | 1DX15 | 0.8 | 32.6 | 9.8 | 55 | <0.1 | 20.3 | 10.7 | 427 | 2.37 | 12.2 | 1.2 | 4.9 | 8 | |
| 15-Jul-11 | Sam Snelling | OV-0566 | 1218558 | 1218558 | WHI11000757 | 1DX15 | 0.8 | 14.3 | 9.4 | 43 | <0.1 | 13.9 | 6.9 | 172 | 2.03 | 11.1 | 2.8 | 4.3 | 6 | |
| 15-Jul-11 | Sam Snelling | OV-0567 | 1218559 | 1218559 | WHI11000757 | 1DX15 | 0.9 | 24.4 | 9.7 | 51 | <0.1 | 19.2 | 7.5 | 165 | 2.16 | 11.1 | 3.1 | 4.7 | 6 | |
| 15-Jul-11 | Sam Snelling | OV-0568 | 1218560 | 1218560 | WHI11000757 | 1DX15 | 0.9 | 17.9 | 9.9 | 46 | 0.1 | 16.8 | 7.6 | 170 | 2.15 | 11.2 | 3.3 | 5 | 7 | |
| 15-Jul-11 | Sam Snelling | OV-0569 | 1218561 | 1218561 | WHI11000758 | 1DX15 | 0.9 | 12.4 | 9.3 | 42 | <0.1 | 14.7 | 5.9 | 196 | 1.97 | 10.3 | 0.8 | 3.6 | 5 | |
| 15-Jul-11 | Sam Snelling | OV-0570 | 1218562 | 1218562 | WHI11000758 | 1DX15 | 0.8 | 26.5 | 11.4 | 58 | <0.1 | 21.2 | 9.2 | 308 | 2.36 | 7.8 | 1.3 | 6.1 | 7 | |
| 15-Jul-11 | Sam Snelling | OV-0571 | 1218563 | 1218563 | WHI11000758 | 1DX15 | 1.1 | 12.9 | 9.4 | 43 | <0.1 | 12.7 | 6.2 | 286 | 1.91 | 8.8 | 3.8 | 1.6 | 5 | |
| 13-Jul-11 | Thomas Barrette | | 1218601 | 1218601 | WHI11000757 | 1DX15 | 0.7 | 24.2 | 10.5 | 51 | <0.1 | 21.3 | 10.6 | 333 | 2.23 | 14 | 2.9 | 4.7 | 10 | |
| 13-Jul-11 | Thomas Barrette | | 1218602 | 1218602 | WHI11000757 | 1DX15 | 0.9 | 16 | 10.9 | 42 | <0.1 | 15.3 | 7.3 | 220 | 2.3 | 11.6 | 1.6 | 4.2 | 7 | |
| 13-Jul-11 | Thomas Barrette | | 1218603 | 1218603 | WHI11000757 | 1DX15 | 1.2 | 14.5 | 11.1 | 46 | <0.1 | 16.3 | 7 | 220 | 2.19 | 11 | <0.5 | 3.2 | 8 | |
| 13-Jul-11 | Thomas Barrette | | 1218604 | 1218604 | WHI11000757 | 1DX15 | 0.8 | 11.9 | 10.5 | 34 | <0.1 | 10 | 4.3 | 115 | 1.84 | 10.6 | 15 | 0.4 | 7 | |
| 13-Jul-11 | Thomas Barrette | | 1218605 | 1218605 | WHI11000757 | 1DX15 | 1.1 | 31.2 | 17.5 | 61 | <0.1 | 26.4 | 15.2 | 819 | 2.76 | 16.5 | 0.7 | 6.6 | 7 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|-----------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 13-Jul-11 | Thomas Barrette | | 1218606 | 1218606 | WHI11000757 | 1DX15 | 1.4 | 25.7 | 11.4 | 49 | 0.2 | 20.8 | 9.3 | 475 | 2.08 | 11.5 | 1.5 | 3.2 | 17 | |
| 13-Jul-11 | Thomas Barrette | | 1218607 | 1218607 | WHI11000757 | 1DX15 | 0.8 | 21.3 | 11.6 | 43 | <0.1 | 18.4 | 7.7 | 224 | 2.15 | 10.1 | 2.9 | 3.8 | 8 | |
| 13-Jul-11 | Thomas Barrette | | 1218608 | 1218608 | WHI11000757 | 1DX15 | 0.9 | 23.2 | 10.1 | 52 | <0.1 | 19.6 | 8.4 | 272 | 2.19 | 11.4 | 2.8 | 3.8 | 9 | |
| 13-Jul-11 | Thomas Barrette | | 1218609 | 1218609 | WHI11000757 | 1DX15 | 1 | 18.4 | 11 | 41 | <0.1 | 14.8 | 5.5 | 161 | 2.07 | 9.2 | 2.3 | 1.2 | 9 | |
| 13-Jul-11 | Thomas Barrette | | 1218610 | 1218610 | WHI11000757 | 1DX15 | 2 | 35.7 | 12.2 | 52 | <0.1 | 27.2 | 10 | 515 | 2.1 | 11.8 | 6.4 | 7 | 11 | |
| 13-Jul-11 | Thomas Barrette | | 1218611 | 1218611 | WHI11000757 | 1DX15 | 0.8 | 41.8 | 17.4 | 55 | 0.1 | 30.2 | 12.3 | 896 | 2.22 | 17.8 | 15.2 | 8 | 40 | |
| 13-Jul-11 | Thomas Barrette | | 1218612 | 1218612 | WHI11000757 | 1DX15 | 1.2 | 33.3 | 13.5 | 68 | <0.1 | 29.6 | 13.8 | 496 | 2.64 | 12.7 | 2.6 | 9.3 | 10 | |
| 13-Jul-11 | Thomas Barrette | | 1218613 | 1218613 | WHI11000757 | 1DX15 | 0.9 | 27.9 | 12.4 | 59 | <0.1 | 24.8 | 10.4 | 392 | 2.49 | 13.8 | 12.6 | 5.3 | 8 | |
| 13-Jul-11 | Thomas Barrette | | 1218614 | 1218614 | WHI11000757 | 1DX15 | 1.2 | 11.2 | 13.3 | 44 | <0.1 | 13.6 | 8 | 279 | 2.83 | 15.6 | 2.1 | 2.9 | 8 | |
| 13-Jul-11 | Thomas Barrette | | 1218615 | 1218615 | WHI11000757 | 1DX15 | 1.3 | 11.6 | 10.9 | 46 | <0.1 | 14.5 | 6 | 197 | 2.7 | 17.4 | 1.4 | 3.4 | 7 | |
| 13-Jul-11 | Thomas Barrette | | 1218616 | 1218616 | WHI11000757 | 1DX15 | 1 | 32.9 | 18.3 | 64 | <0.1 | 29.1 | 12.2 | 693 | 2.66 | 12.8 | 2.3 | 5.9 | 8 | |
| 13-Jul-11 | Thomas Barrette | | 1218617 | 1218617 | WHI11000757 | 1DX15 | 1 | 20.7 | 10.3 | 49 | <0.1 | 15.3 | 6.5 | 162 | 2.19 | 12.9 | 2.3 | 2.6 | 9 | |
| 13-Jul-11 | Thomas Barrette | | 1218618 | 1218618 | WHI11000757 | 1DX15 | 0.9 | 30.6 | 11.5 | 70 | <0.1 | 26.2 | 12.5 | 443 | 2.53 | 14.3 | 5 | 6.9 | 10 | |
| 13-Jul-11 | Thomas Barrette | | 1218619 | 1218619 | WHI11000757 | 1DX15 | 1.1 | 21.9 | 10.1 | 66 | <0.1 | 19 | 10.4 | 369 | 2.41 | 14.2 | 9.1 | 3.9 | 11 | |
| 13-Jul-11 | Thomas Barrette | | 1218620 | 1218620 | WHI11000757 | 1DX15 | 1 | 23 | 14.7 | 49 | <0.1 | 17.4 | 7.6 | 228 | 2.39 | 11.2 | 1.7 | 5.7 | 8 | |
| 13-Jul-11 | Thomas Barrette | | 1218621 | 1218621 | WHI11000757 | 1DX15 | 1.4 | 29.6 | 28.6 | 82 | <0.1 | 24.9 | 12.9 | 477 | 2.72 | 13.1 | 8.1 | 7.1 | 9 | |
| 13-Jul-11 | Thomas Barrette | | 1218622 | 1218622 | WHI11000758 | 1DX15 | 0.8 | 22.9 | 12.6 | 52 | <0.1 | 16.6 | 5.8 | 170 | 1.88 | 8.2 | 3.5 | 3 | 6 | |
| 13-Jul-11 | Thomas Barrette | | 1218623 | 1218623 | WHI11000758 | 1DX15 | 0.8 | 23.1 | 8.6 | 56 | <0.1 | 22.3 | 9.1 | 284 | 2.13 | 12.2 | 8.8 | 5.9 | 7 | |
| 13-Jul-11 | Thomas Barrette | | 1218624 | 1218624 | WHI11000758 | 1DX15 | 0.8 | 34.7 | 16.1 | 67 | <0.1 | 28.4 | 10.7 | 491 | 2.52 | 10.5 | 7.3 | 7.1 | 13 | |
| 13-Jul-11 | Thomas Barrette | | 1218625 | 1218625 | WHI11000758 | 1DX15 | 0.7 | 25.9 | 9.4 | 60 | <0.1 | 22.5 | 9.7 | 412 | 2.25 | 7.9 | 1.9 | 5.4 | 10 | |
| 13-Jul-11 | Thomas Barrette | | 1218626 | 1218626 | WHI11000758 | 1DX15 | 0.8 | 28.1 | 10.5 | 60 | <0.1 | 24.6 | 9.6 | 360 | 2.42 | 9 | 3.1 | 2.8 | 8 | |
| 13-Jul-11 | Thomas Barrette | | 1218627 | 1218627 | WHI11000758 | 1DX15 | 0.9 | 20.4 | 9.5 | 50 | <0.1 | 18.1 | 8.4 | 308 | 2.26 | 10 | 3.8 | 3.4 | 7 | |
| 14-Jul-11 | Thomas Barrette | OV-0196 | 1218628 | 1218628 | WHI11000758 | 1DX15 | 0.7 | 23.5 | 8.2 | 51 | <0.1 | 21 | 7.8 | 321 | 1.92 | 11.3 | 13.4 | 4.9 | 11 | |
| 14-Jul-11 | Thomas Barrette | OV-0195 | 1218629 | 1218629 | WHI11000758 | 1DX15 | 0.7 | 14.6 | 8.5 | 39 | <0.1 | 13.5 | 7.2 | 249 | 1.75 | 10.7 | 1.2 | 1.1 | 6 | |
| 14-Jul-11 | Thomas Barrette | OV-0194 | 1218630 | 1218630 | WHI11000758 | 1DX15 | 0.7 | 16.7 | 9.6 | 63 | <0.1 | 19.6 | 10.2 | 463 | 2.2 | 12.5 | 2.2 | 3.6 | 11 | |
| 14-Jul-11 | Thomas Barrette | OV-0193 | 1218631 | 1218631 | WHI11000758 | 1DX15 | 0.8 | 13.8 | 8.1 | 40 | <0.1 | 14.5 | 5.5 | 192 | 1.86 | 8.3 | 3.7 | 0.8 | 7 | |
| 14-Jul-11 | Thomas Barrette | OV-0192 | 1218632 | 1218632 | WHI11000758 | 1DX15 | 1 | 10.4 | 9.5 | 44 | <0.1 | 12.4 | 5.4 | 199 | 2.24 | 9.7 | 1.7 | 1.4 | 7 | |
| 14-Jul-11 | Thomas Barrette | OV-0191 | 1218633 | 1218633 | WHI11000758 | 1DX15 | 0.8 | 13.2 | 8.5 | 44 | <0.1 | 13.6 | 6.2 | 191 | 2.03 | 9.7 | 1 | 0.5 | 8 | |
| 14-Jul-11 | Thomas Barrette | OV-0190 | 1218634 | 1218634 | WHI11000758 | 1DX15 | 0.7 | 30.1 | 9.4 | 63 | <0.1 | 25.9 | 12.4 | 383 | 2.57 | 10.8 | 2.1 | 8.7 | 7 | |
| 14-Jul-11 | Thomas Barrette | OV-0189 | 1218635 | 1218635 | WHI11000758 | 1DX15 | 0.7 | 28 | 9.3 | 57 | <0.1 | 23.6 | 10.1 | 359 | 2.19 | 9.8 | 3.9 | 6.1 | 8 | |
| 14-Jul-11 | Thomas Barrette | OV-0188 | 1218636 | 1218636 | WHI11000758 | 1DX15 | 0.8 | 18.3 | 8.8 | 49 | <0.1 | 16.3 | 8.6 | 260 | 2.01 | 9.7 | 2.5 | 2.4 | 8 | |
| 14-Jul-11 | Thomas Barrette | OV-0187 | 1218637 | 1218637 | WHI11000758 | 1DX15 | 0.6 | 13.1 | 9.5 | 35 | <0.1 | 12.1 | 4.1 | 128 | 1.68 | 6.4 | 1.9 | 0.9 | 7 | |
| 14-Jul-11 | Thomas Barrette | OV-0186 | 1218638 | 1218638 | WHI11000758 | 1DX15 | 0.6 | 23.8 | 9.6 | 56 | <0.1 | 20.5 | 7.8 | 332 | 2.04 | 12 | 11.5 | 5.3 | 13 | |
| 14-Jul-11 | Thomas Barrette | OV-0185 | 1218639 | 1218639 | WHI11000758 | 1DX15 | 0.7 | 21.7 | 9.6 | 53 | 0.1 | 18.4 | 6.6 | 285 | 2.03 | 12.4 | 3.1 | 4.5 | 11 | |
| 14-Jul-11 | Thomas Barrette | OV-0184 | 1218640 | 1218640 | WHI11000758 | 1DX15 | 0.9 | 13.4 | 10.8 | 49 | <0.1 | 15.5 | 6.2 | 225 | 2.23 | 12.9 | 20.5 | 0.9 | 9 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|-----------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 14-Jul-11 | Thomas Barrette | OV-0183 | 1218641 | 1218641 | WHI11000758 | 1DX15 | 1 | 12.3 | 11.1 | 53 | <0.1 | 13.8 | 8.6 | 377 | 2.08 | 12.3 | 12 | 1 | 8 | |
| 14-Jul-11 | Thomas Barrette | OV-0182 | 1218642 | 1218642 | WHI11000758 | 1DX15 | 0.8 | 20 | 8.7 | 55 | <0.1 | 20.2 | 8.5 | 337 | 1.96 | 13.4 | 1.7 | 2.9 | 11 | |
| 14-Jul-11 | Thomas Barrette | OV-0181 | 1218643 | 1218643 | WHI11000758 | 1DX15 | 0.9 | 18.8 | 9.2 | 57 | <0.1 | 16.1 | 7.6 | 230 | 2.07 | 13 | 18.4 | 2.9 | 8 | |
| 14-Jul-11 | Thomas Barrette | OV-0180 | 1218644 | 1218644 | WHI11000758 | 1DX15 | 0.8 | 12.1 | 9.8 | 42 | <0.1 | 12.5 | 5.2 | 192 | 1.69 | 9.9 | 1 | 2.9 | 9 | |
| 14-Jul-11 | Thomas Barrette | OV-0179 | 1218645 | 1218645 | WHI11000758 | 1DX15 | 0.6 | 19.7 | 12.4 | 50 | <0.1 | 18.7 | 8 | 278 | 1.92 | 17.9 | 3.8 | 4.2 | 7 | |
| 14-Jul-11 | Thomas Barrette | OV-0178 | 1218646 | 1218646 | WHI11000758 | 1DX15 | 0.6 | 19.5 | 11.4 | 51 | <0.1 | 16.8 | 7.2 | 274 | 1.82 | 15.1 | 13.4 | 2.8 | 7 | |
| 14-Jul-11 | Thomas Barrette | OV-0177 | 1218647 | 1218647 | WHI11000758 | 1DX15 | 0.7 | 14.2 | 7.7 | 44 | <0.1 | 12.2 | 4.1 | 136 | 1.69 | 9.7 | 21.2 | 1.4 | 9 | |
| 14-Jul-11 | Thomas Barrette | OV-0176 | 1218648 | 1218648 | WHI11000758 | 1DX15 | 0.6 | 22.2 | 13 | 54 | <0.1 | 17.9 | 8.8 | 381 | 2 | 23.9 | 1.4 | 4.3 | 8 | |
| 14-Jul-11 | Thomas Barrette | OV-0175 | 1218649 | 1218649 | WHI11000758 | 1DX15 | 0.7 | 11.8 | 8.9 | 39 | <0.1 | 11.2 | 5.1 | 190 | 1.77 | 9.7 | 1.4 | 0.6 | 7 | |
| 14-Jul-11 | Thomas Barrette | OV-0174 | 1218650 | 1218650 | WHI11000758 | 1DX15 | 0.6 | 18.8 | 9.7 | 48 | <0.1 | 16.4 | 6.9 | 263 | 1.91 | 8.5 | 21.6 | 4 | 9 | |
| 14-Jul-11 | Thomas Barrette | OV-0173 | 1218651 | 1218651 | WHI11000758 | 1DX15 | 0.6 | 21.7 | 8.2 | 53 | <0.1 | 17.7 | 7.3 | 244 | 1.79 | 12.5 | 1.9 | 3.2 | 10 | |
| 14-Jul-11 | Thomas Barrette | OV-0172 | 1218652 | 1218652 | WHI11000758 | 1DX15 | 0.6 | 17.6 | 9.1 | 53 | <0.1 | 15.5 | 7.7 | 246 | 1.94 | 12.7 | 29.1 | 3.4 | 10 | |
| 14-Jul-11 | Thomas Barrette | OV-0171 | 1218653 | 1218653 | WHI11000758 | 1DX15 | 0.7 | 17.3 | 7.8 | 59 | <0.1 | 14.8 | 7.4 | 181 | 1.76 | 12.6 | 1.3 | 2.4 | 8 | |
| 14-Jul-11 | Thomas Barrette | OV-0170 | 1218654 | 1218654 | WHI11000758 | 1DX15 | 0.7 | 22.3 | 9.5 | 52 | <0.1 | 20.5 | 8.7 | 356 | 1.95 | 12.1 | 10.2 | 3.7 | 9 | |
| 15-Jul-11 | Thomas Barrette | OV-0480 | 1218655 | 1218655 | WHI11000758 | 1DX15 | 0.8 | 13.9 | 24.7 | 38 | <0.1 | 13.4 | 5.8 | 174 | 1.76 | 8.8 | 2 | 1.1 | 7 | |
| 15-Jul-11 | Thomas Barrette | OV-0481 | 1218656 | 1218656 | WHI11000758 | 1DX15 | 1 | 14.6 | 10.1 | 47 | <0.1 | 14 | 6 | 305 | 2.15 | 10.9 | 1.9 | 1 | 6 | |
| 15-Jul-11 | Thomas Barrette | OV-0482 | 1218657 | 1218657 | WHI11000758 | 1DX15 | 0.7 | 15.4 | 10.4 | 52 | <0.1 | 17.1 | 7.1 | 247 | 2.12 | 9.4 | 1.4 | 2.8 | 9 | |
| 15-Jul-11 | Thomas Barrette | OV-0483 | 1218658 | 1218658 | WHI11000758 | 1DX15 | 0.9 | 15 | 11.4 | 54 | <0.1 | 15 | 6.4 | 275 | 2.2 | 13.1 | 1 | 1.1 | 8 | |
| 15-Jul-11 | Thomas Barrette | OV-0484 | 1218659 | 1218659 | WHI11000758 | 1DX15 | 0.7 | 15.4 | 11.2 | 58 | <0.1 | 17.1 | 7.2 | 293 | 2.19 | 12.2 | 0.8 | 2.3 | 9 | |
| 15-Jul-11 | Thomas Barrette | OV-0485 | 1218660 | 1218660 | WHI11000758 | 1DX15 | 1.1 | 15.8 | 13.4 | 52 | <0.1 | 16.7 | 7.5 | 328 | 2.28 | 9.5 | 2.2 | 2.6 | 8 | |
| 15-Jul-11 | Thomas Barrette | OV-0486 | 1218661 | 1218661 | WHI11000758 | 1DX15 | 1 | 13.5 | 10.5 | 50 | <0.1 | 12.9 | 6.5 | 329 | 2.15 | 12.1 | 9.1 | 1.2 | 6 | |
| 15-Jul-11 | Thomas Barrette | OV-0487 | 1218662 | 1218662 | WHI11000758 | 1DX15 | 1 | 7.3 | 10.2 | 25 | <0.1 | 7.1 | 2.4 | 87 | 1.32 | 7 | 2.5 | 0.2 | 6 | |
| 15-Jul-11 | Thomas Barrette | OV-0488 | 1218663 | 1218663 | WHI11000758 | 1DX15 | 0.8 | 14.6 | 10.8 | 51 | <0.1 | 14.9 | 5.4 | 212 | 2.23 | 9.5 | 12.3 | 1.3 | 7 | |
| 15-Jul-11 | Thomas Barrette | OV-0489 | 1218664 | 1218664 | WHI11000758 | 1DX15 | 0.7 | 16.2 | 12.9 | 57 | <0.1 | 21.4 | 10.5 | 413 | 2.25 | 9.4 | 10.5 | 4.9 | 9 | |
| 15-Jul-11 | Thomas Barrette | OV-0490 | 1218665 | 1218665 | WHI11000758 | 1DX15 | 1.2 | 12.5 | 12.2 | 59 | <0.1 | 15 | 6.4 | 320 | 2.53 | 11.7 | 2 | 1.1 | 7 | |
| 15-Jul-11 | Thomas Barrette | OV-0491 | 1218666 | 1218666 | WHI11000758 | 1DX15 | 0.7 | 11.4 | 11 | 52 | <0.1 | 14.7 | 7.9 | 532 | 2.29 | 9.2 | 2.4 | 1.1 | 6 | |
| 15-Jul-11 | Thomas Barrette | OV-0492 | 1218667 | 1218667 | WHI11000758 | 1DX15 | 1 | 11.7 | 10.9 | 46 | <0.1 | 14.8 | 6.7 | 312 | 2.22 | 9.4 | 5 | 1 | 10 | |
| 15-Jul-11 | Thomas Barrette | OV-0493 | 1218668 | 1218668 | WHI11000758 | 1DX15 | 0.7 | 12.6 | 9.6 | 44 | <0.1 | 13 | 5.2 | 212 | 2.1 | 10 | 1.3 | 1.2 | 8 | |
| 15-Jul-11 | Thomas Barrette | OV-0494 | 1218669 | 1218669 | WHI11000758 | 1DX15 | 1 | 14.6 | 11.2 | 56 | <0.1 | 15.7 | 8 | 369 | 2.44 | 10.3 | 1.6 | 1.4 | 13 | |
| 15-Jul-11 | Thomas Barrette | OV-0495 | 1218670 | 1218670 | WHI11000758 | 1DX15 | 0.9 | 24.4 | 14.3 | 67 | <0.1 | 28.7 | 13.3 | 591 | 2.64 | 8.6 | 0.9 | 7.2 | 15 | |
| 15-Jul-11 | Thomas Barrette | OV-0496 | 1218671 | 1218671 | WHI11000758 | 1DX15 | 0.7 | 19.5 | 12.2 | 65 | <0.1 | 19.4 | 8.1 | 354 | 2.17 | 11.4 | 5.7 | 5.2 | 12 | |
| 15-Jul-11 | Thomas Barrette | OV-0497 | 1218672 | 1218672 | WHI11000758 | 1DX15 | 0.8 | 15.6 | 10.3 | 53 | <0.1 | 17 | 6.8 | 297 | 1.91 | 7.9 | 2 | 4.4 | 10 | |
| 15-Jul-11 | Thomas Barrette | OV-0498 | 1218673 | 1218673 | WHI11000758 | 1DX15 | 0.8 | 12.5 | 13.9 | 48 | <0.1 | 15.2 | 9.1 | 367 | 1.98 | 7.7 | 0.9 | 1.5 | 8 | |
| 15-Jul-11 | Thomas Barrette | OV-0499 | 1218674 | 1218674 | WHI11000758 | 1DX15 | 0.5 | 17.9 | 9.6 | 59 | <0.1 | 16.5 | 6.8 | 288 | 2.04 | 11 | 4.2 | 4.2 | 16 | |
| 15-Jul-11 | Thomas Barrette | OV-0500 | 1218675 | 1218675 | WHI11000758 | 1DX15 | 1 | 16.1 | 13.7 | 54 | <0.1 | 17.2 | 7.1 | 309 | 2.4 | 13.3 | 6.4 | 5.3 | 7 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|-----------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 15-Jul-11 | Thomas Barrette | OV-0501 | 1218676 | 1218676 | WHI11000758 | 1DX15 | 0.7 | 18.6 | 11.7 | 45 | <0.1 | 18.2 | 8.8 | 379 | 2.36 | 12.3 | 1.8 | 3.6 | 13 | |
| 15-Jul-11 | Thomas Barrette | OV-0502 | 1218677 | 1218677 | WHI11000758 | 1DX15 | 1.1 | 17.6 | 12.1 | 57 | <0.1 | 19 | 8.7 | 299 | 2.38 | 12.3 | 5 | 5.2 | 9 | |
| 15-Jul-11 | Thomas Barrette | OV-0503 | 1218678 | 1218678 | WHI11000758 | 1DX15 | 1.4 | 15.6 | 12.8 | 48 | <0.1 | 12.8 | 6 | 215 | 2.6 | 12.4 | 2.7 | 5.2 | 9 | |
| 15-Jul-11 | Thomas Barrette | OV-0504 | 1218679 | 1218679 | WHI11000758 | 1DX15 | 1.1 | 16.8 | 11.4 | 60 | <0.1 | 19.5 | 9.2 | 296 | 2.32 | 15.4 | 6 | 5.8 | 8 | |
| 15-Jul-11 | Thomas Barrette | OV-0505 | 1218680 | 1218680 | WHI11000758 | 1DX15 | 1.2 | 10.9 | 11.4 | 46 | <0.1 | 13.4 | 5.2 | 215 | 2.52 | 16.3 | 1.1 | 5.4 | 9 | |
| 15-Jul-11 | Thomas Barrette | OV-0506 | 1218681 | 1218681 | WHI11000758 | 1DX15 | 0.9 | 16.8 | 9.9 | 46 | <0.1 | 17.4 | 7.5 | 215 | 2.43 | 12.9 | 4.2 | 5.6 | 7 | |
| 15-Jul-11 | Thomas Barrette | OV-0507 | 1218682 | 1218682 | WHI11000758 | 1DX15 | 0.8 | 19.9 | 10.4 | 48 | <0.1 | 21.6 | 9.5 | 285 | 2.46 | 14.5 | 2.2 | 5.1 | 9 | |
| 15-Jul-11 | Thomas Barrette | OV-0508 | 1218683 | 1218683 | WHI11000758 | 1DX15 | 1.3 | 19.5 | 12.2 | 54 | <0.1 | 19.4 | 8.2 | 277 | 2.75 | 15.5 | 2.9 | 6.7 | 9 | |
| 15-Jul-11 | Thomas Barrette | OV-0509 | 1218684 | 1218684 | WHI11000758 | 1DX15 | 0.8 | 19.2 | 11.1 | 46 | <0.1 | 17.5 | 6.6 | 189 | 2.29 | 12.9 | 4.1 | 6.4 | 8 | |
| 15-Jul-11 | Thomas Barrette | OV-0510 | 1218685 | 1218685 | WHI11000758 | 1DX15 | 0.9 | 25 | 12 | 59 | <0.1 | 28.3 | 15.7 | 421 | 2.9 | 12.3 | 2.7 | 13.4 | 8 | |
| 15-Jul-11 | Thomas Barrette | OV-0511 | 1218686 | 1218686 | WHI11000758 | 1DX15 | 0.6 | 6.2 | 9.8 | 26 | <0.1 | 7.2 | 2.6 | 117 | 1.42 | 7.4 | 1.2 | 0.3 | 9 | |
| 15-Jul-11 | Thomas Barrette | OV-0512 | 1218687 | 1218687 | WHI11000758 | 1DX15 | 0.7 | 21.7 | 11.1 | 46 | <0.1 | 17.9 | 6.6 | 213 | 2.32 | 8.1 | 1.7 | 5.9 | 7 | |
| 15-Jul-11 | Thomas Barrette | OV-0513 | 1218688 | 1218688 | WHI11000758 | 1DX15 | 0.6 | 17.9 | 9.6 | 44 | <0.1 | 13.8 | 6.3 | 244 | 1.95 | 11.3 | 1.6 | 5.4 | 6 | |
| 15-Jul-11 | Thomas Barrette | OV-0514 | 1218689 | 1218689 | WHI11000758 | 1DX15 | 0.8 | 26.3 | 13.4 | 57 | <0.1 | 20.4 | 9.1 | 366 | 2.17 | 8.4 | 10.3 | 8 | 8 | |
| 15-Jul-11 | Thomas Barrette | OV-0515 | 1218690 | 1218690 | WHI11000758 | 1DX15 | 0.9 | 23.9 | 10.7 | 56 | <0.1 | 18.3 | 8.1 | 307 | 2.1 | 9.2 | 1.8 | 8 | 10 | |
| 15-Jul-11 | Thomas Barrette | OV-0516 | 1218691 | 1218691 | WHI11000758 | 1DX15 | 0.9 | 17.6 | 9.5 | 46 | <0.1 | 16.4 | 5.9 | 169 | 2.09 | 12 | 1.2 | 6.2 | 7 | |
| 15-Jul-11 | Thomas Barrette | OV-0517 | 1218692 | 1218692 | WHI11000758 | 1DX15 | 0.8 | 18.3 | 17.6 | 62 | <0.1 | 20.4 | 13.5 | 640 | 2.89 | 13.1 | <0.5 | 12.5 | 9 | |
| 15-Jul-11 | Thomas Barrette | OV-0518 | 1218693 | 1218693 | WHI11000758 | 1DX15 | 0.7 | 14.8 | 11.1 | 40 | <0.1 | 15 | 5.2 | 154 | 2.11 | 9.8 | 8.8 | 5.6 | 9 | |
| 15-Jul-11 | Thomas Barrette | OV-0519 | 1218694 | 1218694 | WHI11000758 | 1DX15 | 0.8 | 25.3 | 9.8 | 51 | <0.1 | 26.4 | 11 | 338 | 2.45 | 7.4 | 2.1 | 11.3 | 10 | |
| 15-Jul-11 | Thomas Barrette | OV-0520 | 1218695 | 1218695 | WHI11000758 | 1DX15 | 0.7 | 19.9 | 10.4 | 45 | <0.1 | 18.7 | 7.6 | 245 | 2.02 | 7.1 | 2.6 | 6.3 | 8 | |
| 15-Jul-11 | Thomas Barrette | OV-0521 | 1218696 | 1218696 | WHI11000758 | 1DX15 | 0.8 | 16.5 | 12.2 | 34 | <0.1 | 12.3 | 3.8 | 107 | 1.87 | 7.4 | 1.8 | 2.6 | 8 | |
| 15-Jul-11 | Thomas Barrette | OV-0522 | 1218697 | 1218697 | WHI11000758 | 1DX15 | 0.7 | 15 | 10.4 | 43 | <0.1 | 14.9 | 7 | 227 | 1.99 | 6.3 | 1.6 | 5.8 | 6 | |
| 14-Jul-11 | Myles Rusk | OV-0110 | 1218751 | 1218751 | WHI11000758 | 1DX15 | 0.9 | 15.3 | 10.2 | 46 | <0.1 | 13.5 | 6.2 | 201 | 1.8 | 8.9 | 2.1 | 1.1 | 6 | |
| 14-Jul-11 | Myles Rusk | OV-0111 | 1218752 | 1218752 | WHI11000758 | 1DX15 | 1 | 12.5 | 10 | 40 | <0.1 | 12.3 | 5.3 | 170 | 1.9 | 9.3 | 2.8 | 1.6 | 5 | |
| 14-Jul-11 | Myles Rusk | OV-0112 | 1218753 | 1218753 | WHI11000758 | 1DX15 | 0.9 | 22.8 | 13.6 | 52 | <0.1 | 16.8 | 6.3 | 209 | 2.32 | 7.7 | 1.9 | 2.1 | 5 | |
| 14-Jul-11 | Myles Rusk | OV-0113 | 1218754 | 1218754 | WHI11000758 | 1DX15 | 0.9 | 11.2 | 10.6 | 36 | <0.1 | 10.7 | 3.8 | 110 | 1.89 | 9.7 | 1.8 | 0.6 | 5 | |
| 14-Jul-11 | Myles Rusk | OV-0114 | 1218755 | 1218755 | WHI11000758 | 1DX15 | 1 | 10.2 | 14.3 | 35 | <0.1 | 9.8 | 3.7 | 117 | 2.03 | 9.9 | 4.1 | 1.2 | 5 | |
| 14-Jul-11 | Myles Rusk | OV-0115 | 1218756 | 1218756 | WHI11000758 | 1DX15 | 0.8 | 13.1 | 8.9 | 42 | <0.1 | 13 | 4.7 | 134 | 1.8 | 9.3 | 4 | 1 | 5 | |
| 14-Jul-11 | Myles Rusk | OV-0116 | 1218757 | 1218757 | WHI11000758 | 1DX15 | 1.3 | 15.4 | 11.9 | 50 | <0.1 | 14.5 | 7.2 | 225 | 2.46 | 12.3 | 2.6 | 3.4 | 5 | |
| 14-Jul-11 | Myles Rusk | OV-0117 | 1218758 | 1218758 | WHI11000758 | 1DX15 | 1 | 19.8 | 14.6 | 40 | <0.1 | 13.8 | 5.4 | 136 | 2.48 | 10.6 | 1.9 | 4.1 | 5 | |
| 14-Jul-11 | Myles Rusk | OV-0118 | 1218759 | 1218759 | WHI11000758 | 1DX15 | 0.7 | 15.9 | 13.6 | 41 | <0.1 | 17.1 | 6.2 | 136 | 2.19 | 9.3 | 13.4 | 4.3 | 6 | |
| 14-Jul-11 | Myles Rusk | OV-0119 | 1218760 | 1218760 | WHI11000758 | 1DX15 | 0.9 | 13.5 | 11 | 34 | <0.1 | 10.1 | 5.4 | 180 | 1.86 | 8.3 | 2.4 | 2.2 | 5 | |
| 14-Jul-11 | Myles Rusk | OV-0120 | 1218761 | 1218761 | WHI11000758 | 1DX15 | 0.9 | 9.3 | 10.1 | 33 | <0.1 | 9.8 | 3.6 | 112 | 1.63 | 8.2 | 22.4 | 0.3 | 4 | |
| 14-Jul-11 | Myles Rusk | OV-0121 | 1218762 | 1218762 | WHI11000758 | 1DX15 | 0.9 | 12.1 | 12.7 | 45 | <0.1 | 12.6 | 6.5 | 230 | 2.05 | 9.4 | 3.4 | 0.6 | 13 | |
| 14-Jul-11 | Myles Rusk | OV-0122 | 1218763 | 1218763 | WHI11000758 | 1DX15 | 0.8 | 14.8 | 13.1 | 57 | 0.1 | 17.1 | 8.6 | 429 | 2.03 | 6.8 | 29.7 | 1.6 | 22 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|-----------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 14-Jul-11 | Myles Rusk | OV-0123 | 1218764 | 1218764 | WHI11000758 | 1DX15 | 0.7 | 21.1 | 10.4 | 43 | <0.1 | 17.8 | 6.6 | 190 | 1.96 | 11.8 | 2.7 | 4 | 6 | |
| 14-Jul-11 | Myles Rusk | OV-0124 | 1218765 | 1218765 | WHI11000758 | 1DX15 | 1 | 21.8 | 13.5 | 55 | <0.1 | 21.7 | 7.8 | 217 | 2.45 | 9.4 | 1.4 | 4.2 | 8 | |
| 14-Jul-11 | Myles Rusk | OV-0125 | 1218766 | 1218766 | WHI11000758 | 1DX15 | 0.8 | 24 | 11.5 | 49 | <0.1 | 21.1 | 8.4 | 227 | 2.2 | 9.1 | 1.9 | 5.9 | 7 | |
| 15-Jul-11 | Myles Rusk | OV-0126 | 1218767 | 1218767 | WHI11000758 | 1DX15 | 0.8 | 30 | 12.7 | 56 | <0.1 | 27.7 | 11.6 | 373 | 2.64 | 8.3 | 2.2 | 9.4 | 8 | |
| 15-Jul-11 | Myles Rusk | OV-0127 | 1218768 | 1218768 | WHI11000758 | 1DX15 | 0.8 | 12 | 9.8 | 33 | <0.1 | 13.3 | 4.9 | 188 | 1.7 | 7.3 | 15.6 | 3.3 | 6 | |
| 15-Jul-11 | Myles Rusk | OV-0128 | 1218769 | 1218769 | WHI11000758 | 1DX15 | 0.8 | 15.2 | 11.4 | 43 | <0.1 | 17.2 | 6.8 | 197 | 2.28 | 9.9 | 1.1 | 5.5 | 5 | |
| 15-Jul-11 | Myles Rusk | OV-0129 | 1218770 | 1218770 | WHI11000758 | 1DX15 | 0.8 | 16.7 | 12.6 | 43 | <0.1 | 17.6 | 5.9 | 142 | 2.25 | 7.6 | 0.8 | 5.3 | 6 | |
| 15-Jul-11 | Myles Rusk | OV-0130 | 1218771 | 1218771 | WHI11000758 | 1DX15 | 1 | 15.1 | 10.2 | 40 | <0.1 | 13 | 5.6 | 138 | 2.08 | 10 | 2 | 3.6 | 6 | |
| 15-Jul-11 | Myles Rusk | OV-0131 | 1218772 | 1218772 | WHI11000758 | 1DX15 | 0.8 | 12.1 | 8.7 | 40 | <0.1 | 14.7 | 5.4 | 122 | 1.91 | 7.5 | 1.1 | 4 | 4 | |
| 15-Jul-11 | Myles Rusk | OV-0132 | 1218773 | 1218773 | WHI11000758 | 1DX15 | 0.9 | 28.3 | 10.8 | 48 | <0.1 | 17.4 | 7.2 | 202 | 2.23 | 10.8 | 3.2 | 6.1 | 6 | |
| 15-Jul-11 | Myles Rusk | OV-0133 | 1218774 | 1218774 | WHI11000758 | 1DX15 | 1 | 11.7 | 10.6 | 40 | 0.1 | 15.9 | 7.2 | 141 | 2.27 | 13.2 | 2.1 | 3.8 | 4 | |
| 15-Jul-11 | Myles Rusk | OV-0134 | 1218775 | 1218775 | WHI11000758 | 1DX15 | 0.9 | 28.9 | 9.4 | 49 | <0.1 | 23 | 8.9 | 183 | 2.47 | 8.7 | 0.9 | 8.1 | 5 | |
| 15-Jul-11 | Myles Rusk | OV-0135 | 1218776 | 1218776 | WHI11000758 | 1DX15 | 0.9 | 14.3 | 10.5 | 37 | <0.1 | 12.6 | 4.9 | 109 | 1.97 | 10.9 | 2.1 | 4.4 | 5 | |
| 15-Jul-11 | Myles Rusk | OV-0136 | 1218777 | 1218777 | WHI11000758 | 1DX15 | 0.8 | 13.6 | 9.3 | 40 | <0.1 | 14.9 | 5.3 | 147 | 1.87 | 11.1 | 2 | 4.2 | 4 | |
| 15-Jul-11 | Myles Rusk | OV-0137 | 1218778 | 1218778 | WHI11000758 | 1DX15 | 0.7 | 21.7 | 10.4 | 69 | <0.1 | 25.9 | 10 | 240 | 3.18 | 10.6 | 0.9 | 8.6 | 5 | |
| 15-Jul-11 | Myles Rusk | OV-0138 | 1218779 | 1218779 | WHI11000758 | 1DX15 | 0.9 | 7.5 | 10 | 34 | <0.1 | 11.1 | 4.1 | 166 | 2.14 | 8.9 | 4.2 | 2.8 | 5 | |
| 15-Jul-11 | Myles Rusk | OV-0001 | 1218780 | 1218780 | WHI11000758 | 1DX15 | 0.8 | 10.5 | 9.5 | 32 | <0.1 | 11.2 | 4.4 | 123 | 1.49 | 7.1 | 7.8 | 2.3 | 8 | |
| 15-Jul-11 | Myles Rusk | OV-0002 | 1218781 | 1218781 | WHI11000758 | 1DX15 | 0.8 | 15.4 | 9.2 | 43 | <0.1 | 14.7 | 6 | 145 | 2.01 | 10.2 | 11.2 | 3.7 | 8 | |
| 15-Jul-11 | Myles Rusk | OV-0003 | 1218782 | 1218782 | WHI11000758 | 1DX15 | 0.8 | 8.9 | 9.4 | 31 | <0.1 | 8.9 | 3.4 | 87 | 1.84 | 10.2 | 0.9 | 1.4 | 7 | |
| 15-Jul-11 | Myles Rusk | OV-0004 | 1218783 | 1218783 | WHI11000758 | 1DX15 | 0.8 | 14.6 | 10.8 | 31 | <0.1 | 11.7 | 4.5 | 109 | 1.64 | 7.1 | 30.5 | 2 | 4 | |
| 15-Jul-11 | Myles Rusk | OV-0005 | 1218784 | 1218784 | WHI11000758 | 1DX15 | 0.7 | 43.5 | 10.7 | 48 | <0.1 | 18.1 | 8.1 | 275 | 1.89 | 6.5 | 1.8 | 4.7 | 6 | |
| 15-Jul-11 | Myles Rusk | OV-0006 | 1218785 | 1218785 | WHI11000758 | 1DX15 | 0.7 | 26.6 | 10.8 | 48 | <0.1 | 16.8 | 7.8 | 234 | 2.11 | 4.5 | <0.5 | 6.5 | 6 | |
| 15-Jul-11 | Myles Rusk | OV-0007 | 1218786 | 1218786 | WHI11000758 | 1DX15 | 0.7 | 17.4 | 12.6 | 48 | <0.1 | 16.1 | 6.6 | 135 | 2.16 | 5.5 | <0.5 | 7.2 | 5 | |
| 15-Jul-11 | Myles Rusk | OV-0008 | 1218787 | 1218787 | WHI11000758 | 1DX15 | 0.7 | 17.3 | 11.3 | 46 | <0.1 | 14.8 | 5.8 | 168 | 1.98 | 5.9 | 1.4 | 1.2 | 5 | |
| 15-Jul-11 | Myles Rusk | OV-0009 | 1218788 | 1218788 | WHI11000758 | 1DX15 | 0.8 | 19.9 | 10.3 | 41 | <0.1 | 14.2 | 6.4 | 182 | 2.04 | 8.4 | 2.7 | 5.5 | 4 | |
| 15-Jul-11 | Myles Rusk | OV-0010 | 1218789 | 1218789 | WHI11000758 | 1DX15 | 0.4 | 39.2 | 25.3 | 74 | <0.1 | 35.9 | 18.5 | 786 | 2.48 | 1.6 | <0.5 | 15.8 | 7 | |
| 15-Jul-11 | Myles Rusk | OV-0011 | 1218790 | 1218790 | WHI11000758 | 1DX15 | 1 | 12.5 | 10.3 | 38 | <0.1 | 11.7 | 4.7 | 126 | 2.08 | 10 | 5.2 | 3.4 | 8 | |
| 15-Jul-11 | Myles Rusk | OV-0012 | 1218791 | 1218791 | WHI11000758 | 1DX15 | 0.8 | 10.2 | 7.2 | 46 | <0.1 | 14.9 | 6.1 | 204 | 1.8 | 9.1 | 1.7 | 3.3 | 5 | |
| 26-Jul-11 | Thomas Barrette | OV-0805 | 1218858 | 1218858 | WHI11000989 | 1DX15 | 1 | 25.9 | 12.3 | 58 | <0.1 | 18.7 | 8.5 | 271 | 2.59 | 9.3 | 4 | 8.7 | 13 | |
| 26-Jul-11 | Thomas Barrette | OV-0806 | 1218859 | 1218859 | WHI11000989 | 1DX15 | 0.7 | 30 | 11 | 53 | <0.1 | 18.9 | 7.4 | 235 | 2.26 | 9.2 | 1.9 | 7.2 | 12 | |
| 26-Jul-11 | Thomas Barrette | OV-0807 | 1218860 | 1218860 | WHI11000989 | 1DX15 | 0.6 | 14.5 | 10.3 | 43 | <0.1 | 15.3 | 7.6 | 207 | 2.1 | 8.9 | 3.9 | 5.1 | 8 | |
| 26-Jul-11 | Thomas Barrette | OV-0808 | 1218861 | 1218861 | WHI11000989 | 1DX15 | 0.8 | 29.2 | 15.7 | 64 | <0.1 | 22.9 | 9.8 | 256 | 2.55 | 6.1 | 12.6 | 7.3 | 11 | |
| 26-Jul-11 | Thomas Barrette | OV-0809 | 1218862 | 1218862 | WHI11000989 | 1DX15 | 0.8 | 23.9 | 12.6 | 60 | <0.1 | 20.6 | 7.9 | 216 | 2.49 | 6.9 | 1.1 | 7.4 | 10 | |
| 26-Jul-11 | Thomas Barrette | OV-0810 | 1218863 | 1218863 | WHI11000989 | 1DX15 | 1 | 23.9 | 11.4 | 63 | <0.1 | 20.1 | 6.9 | 266 | 2.15 | 8.5 | 2.1 | 6.2 | 17 | |
| 26-Jul-11 | Thomas Barrette | OV-0811 | 1218864 | 1218864 | WHI11000989 | 1DX15 | 1.1 | 20.4 | 13.4 | 62 | <0.1 | 19.1 | 7.4 | 278 | 2.23 | 8.5 | 1.5 | 3.9 | 12 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|-----------------|---------------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 26-Jul-11 | Thomas Barrette | OV-0812 | 1218865 | 1218865 | WHI11000989 | 1DX15 | 0.7 | 20.4 | 11.3 | 58 | 0.1 | 20.5 | 9.7 | 302 | 2.04 | 6.6 | 12 | 3.6 | 21 | |
| 26-Jul-11 | Thomas Barrette | OV-0813 | 1218866 | 1218866 | WHI11000989 | 1DX15 | 0.6 | 8.5 | 8.1 | 42 | 0.2 | 11.7 | 5.2 | 180 | 1.34 | 3.4 | 1.6 | 1.4 | 17 | |
| 26-Jul-11 | Thomas Barrette | OV-0814 | 1218867 | 1218867 | WHI11000989 | 1DX15 | 0.8 | 32.9 | 19.7 | 46 | 0.2 | 14.3 | 7.7 | 273 | 2.5 | 9.2 | 3.6 | 8.5 | 27 | |
| 26-Jul-11 | Thomas Barrette | OV-0815 | 1218868 | 1218868 | WHI11000989 | 1DX15 | 0.9 | 31.1 | 17.6 | 51 | 0.1 | 19.2 | 8.4 | 272 | 2.71 | 10.3 | 14.5 | 6.9 | 18 | |
| 26-Jul-11 | Thomas Barrette | OV-0816 | 1218869 | 1218869 | WHI11000989 | 1DX15 | 1 | 37.8 | 19.1 | 44 | 0.2 | 12.6 | 6 | 215 | 2.58 | 7.5 | 3.3 | 8.7 | 14 | |
| 26-Jul-11 | Thomas Barrette | OV-0817 | 1218870 | 1218870 | WHI11000989 | 1DX15 | 1.3 | 42.1 | 19.3 | 80 | <0.1 | 27.5 | 18.7 | 280 | 4.14 | 12.4 | 1.7 | 25.2 | 18 | |
| 26-Jul-11 | Thomas Barrette | OV-0818 | 1218871 | 1218871 | WHI11000989 | 1DX15 | 1 | 38.7 | 17.6 | 62 | 0.1 | 20.3 | 8.8 | 186 | 3.4 | 7.2 | 11.7 | 14.3 | 15 | |
| 26-Jul-11 | Thomas Barrette | OV-0819 | 1218872 | 1218872 | WHI11000989 | 1DX15 | 0.9 | 42.2 | 15 | 60 | <0.1 | 22.6 | 10.2 | 168 | 3.08 | 6.1 | 4.1 | 10.3 | 12 | |
| 26-Jul-11 | Thomas Barrette | OV-0820 | 1218873 | 1218873 | WHI11000989 | 1DX15 | 0.7 | 30.2 | 11.6 | 44 | <0.1 | 17.7 | 8.3 | 223 | 2.27 | 11 | 11 | 8.2 | 7 | |
| 26-Jul-11 | Thomas Barrette | OV-0821 | 1218874 | 1218874 | WHI11000989 | 1DX15 | 0.8 | 34.3 | 14.9 | 55 | <0.1 | 24.7 | 10.8 | 199 | 2.78 | 7.7 | 3.7 | 14 | 9 | |
| 26-Jul-11 | Thomas Barrette | OV-0822 | 1218875 | 1218875 | WHI11000989 | 1DX15 | 0.5 | 13.6 | 6.3 | 39 | <0.1 | 13.3 | 4.7 | 158 | 1.31 | 7.2 | 9.7 | 3.7 | 10 | |
| 26-Jul-11 | Thomas Barrette | OV-0823 | 1218876 | 1218876 | WHI11000989 | 1DX15 | 0.9 | 16.2 | 10.4 | 39 | <0.1 | 12.7 | 5.2 | 133 | 2.27 | 7.3 | 0.9 | 8.6 | 8 | |
| 26-Jul-11 | Thomas Barrette | OV-0824 | 1218877 | 1218877 | WHI11000989 | 1DX15 | 0.6 | 22.8 | 9.2 | 50 | <0.1 | 20.7 | 7.9 | 257 | 1.95 | 8.1 | 26.6 | 8.4 | 10 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218878 | 1218878 | WHI11000989 | 1DX15 | 1.1 | 77.6 | 62.4 | 303 | 0.7 | 25.9 | 12.5 | 552 | 2.63 | 59 | 2.4 | 4.7 | 19 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218879 | 1218879 | WHI11000989 | 1DX15 | 1.2 | 129.1 | 72 | 323 | 0.7 | 27.2 | 26.8 | 1188 | 3.46 | 37.1 | 2 | 6.9 | 16 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218880 | 1218880 | WHI11000989 | 1DX15 | 1.3 | 107.6 | 48.1 | 380 | 0.2 | 25.7 | 33.1 | 1487 | 2.95 | 20.3 | 5.1 | 5.1 | 16 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218881 | 1218881 | WHI11000989 | 1DX15 | 1.2 | 64.3 | 32.4 | 206 | 0.3 | 20.2 | 12.2 | 512 | 3.24 | 74 | 2.1 | 4 | 18 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218882 | 1218882 | WHI11000989 | 1DX15 | 0.9 | 43.7 | 63.6 | 224 | 0.6 | 16.3 | 10 | 443 | 2.27 | 41.9 | 7.1 | 1.3 | 16 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218883 | 1218883 | WHI11000989 | 1DX15 | 1.3 | 81.3 | 129.2 | 323 | 1.5 | 17.7 | 8.6 | 574 | 2.11 | 15.5 | 0.7 | 1.4 | 17 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218884 | 1218884 | WHI11000989 | 1DX15 | 0.9 | 54.1 | 88.6 | 467 | 0.9 | 20.4 | 12.5 | 512 | 2.92 | 51.4 | 1.5 | 7.9 | 14 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218885 | 1218885 | WHI11000989 | 1DX15 | 1.2 | 49.6 | 118.6 | 414 | 0.9 | 17.5 | 12.7 | 676 | 2.89 | 57.9 | 10.2 | 5.5 | 10 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218886 | 1218886 | WHI11000989 | 1DX15 | 1.1 | 98.8 | 43.5 | 479 | 0.9 | 23.5 | 13.8 | 616 | 2.58 | 36.3 | 9.3 | 5.1 | 17 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218887 | 1218887 | WHI11000989 | 1DX15 | 0.9 | 72.6 | 28.9 | 284 | 0.7 | 17.5 | 8.5 | 306 | 2.42 | 39.1 | 3.2 | 6.9 | 12 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218888 | 1218888 | WHI11000989 | 1DX15 | 0.9 | 87.3 | 104.1 | 844 | 0.9 | 24.4 | 10.8 | 843 | 2.75 | 33.5 | 1.4 | 10.2 | 21 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218889 | 1218889 | WHI11000989 | 1DX15 | 0.9 | 72.9 | 120 | 585 | 0.9 | 20.8 | 11.4 | 868 | 2.63 | 42.9 | 6.2 | 8.6 | 17 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218890 | 1218890 | WHI11000989 | 1DX15 | 0.7 | 179.7 | 120.1 | 387 | 6.3 | 14.8 | 6.8 | 343 | 2.34 | 105.5 | 4 | 7.6 | 10 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218891 | 1218891 | WHI11000989 | 1DX15 | 0.9 | 116.9 | 50.8 | 344 | 0.4 | 18.9 | 13.8 | 1058 | 2.92 | 88.6 | 1.2 | 6.4 | 10 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218892 | 1218892 | WHI11000989 | 1DX15 | 1.3 | 372 | 148.7 | 1594 | 2.6 | 36.7 | 23.8 | 2279 | 2.85 | 135.4 | 2.3 | 15 | 33 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218893 | 1218893 | WHI11000989 | 1DX15 | 1.2 | 424.6 | 45.2 | 2417 | 1.4 | 35.4 | 24.4 | 885 | 3.19 | 154 | 4.3 | 11.2 | 34 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218894 | 1218894 | WHI11000989 | 1DX15 | 0.9 | 35.8 | 65.9 | 365 | 1.4 | 13.9 | 6 | 361 | 2.14 | 141.1 | 1.8 | 2.5 | 15 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218895 | 1218895 | WHI11000989 | 1DX15 | 0.8 | 162.2 | 38.9 | 684 | 0.6 | 19.5 | 8 | 395 | 2.4 | 45.5 | 7.5 | 5.7 | 15 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218896 | 1218896 | WHI11000989 | 1DX15 | 1 | 94.4 | 26.1 | 346 | 0.8 | 16.9 | 7.9 | 314 | 2.47 | 25.5 | 1.3 | 5.8 | 12 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218897 | 1218897 | WHI11000989 | 1DX15 | 1.1 | 66.5 | 31.7 | 262 | 0.9 | 14.4 | 7.4 | 412 | 2.5 | 29.3 | 8.6 | 4.8 | 19 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218898 | 1218898 | WHI11000989 | 1DX15 | 1.1 | 65.7 | 37.3 | 354 | 0.2 | 15.4 | 10.1 | 507 | 2.87 | 46.6 | 4.6 | 3.5 | 9 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218899 | 1218899 | WHI11000989 | 1DX15 | 0.9 | 95.1 | 29.9 | 376 | 0.7 | 24.4 | 9.8 | 373 | 2.59 | 69.2 | 2.7 | 2.9 | 25 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|-----------------|---------------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218900 | 1218900 | WHI11000989 | 1DX15 | 0.9 | 68.8 | 31.1 | 182 | 0.6 | 16 | 6.2 | 257 | 2.17 | 36.2 | <0.5 | 0.7 | 11 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218901 | 1218901 | WHI11000989 | 1DX15 | 0.9 | 85.3 | 29.3 | 388 | 0.9 | 19.7 | 9.3 | 314 | 2.5 | 140.7 | 7.5 | 2.3 | 19 | |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218902 | 1218902 | WHI11000989 | 1DX15 | 1.1 | 95.2 | 19 | 973 | 0.7 | 22.8 | 9.8 | 307 | 2.92 | 50.1 | 24.6 | 5.7 | 24 | |
| 26-Jul-11 | James Henderson | OV-0835 | 1218951 | 1218951 | WHI11000989 | 1DX15 | 1 | 21.2 | 14.3 | 56 | <0.1 | 20.6 | 8.6 | 278 | 2.57 | 10.9 | 2 | 3.3 | 10 | |
| 26-Jul-11 | James Henderson | OV-0836 | 1218952 | 1218952 | WHI11000989 | 1DX15 | 1 | 22.2 | 13.8 | 57 | <0.1 | 16.3 | 7.3 | 292 | 2.53 | 12.1 | 1.5 | 3.8 | 10 | |
| 26-Jul-11 | James Henderson | OV-0837 | 1218953 | 1218953 | WHI11000989 | 1DX15 | 1 | 24.7 | 15.3 | 49 | <0.1 | 14.4 | 5.4 | 205 | 2.32 | 10.6 | <0.5 | 1.5 | 10 | |
| 26-Jul-11 | James Henderson | OV-0838 | 1218954 | 1218954 | WHI11000989 | 1DX15 | 1.1 | 40.5 | 19.1 | 69 | 0.1 | 30 | 10.7 | 265 | 3.05 | 14.1 | 7.3 | 4.1 | 15 | |
| 26-Jul-11 | James Henderson | OV-0839 | 1218955 | 1218955 | WHI11000989 | 1DX15 | 0.7 | 44 | 10.6 | 62 | <0.1 | 24.8 | 10.1 | 308 | 2.46 | 8.7 | 1 | 5.3 | 17 | |
| 26-Jul-11 | James Henderson | OV-0840 | 1218956 | 1218956 | WHI11000989 | 1DX15 | 0.8 | 26.2 | 11.7 | 49 | <0.1 | 17.6 | 7.4 | 279 | 2.22 | 12.8 | 0.9 | 3.2 | 11 | |
| 26-Jul-11 | James Henderson | OV-0841 | 1218957 | 1218957 | WHI11000989 | 1DX15 | 0.9 | 34.2 | 18.6 | 73 | <0.1 | 27.1 | 10.7 | 378 | 2.82 | 12.4 | 3.2 | 3.3 | 14 | |
| 26-Jul-11 | James Henderson | OV-0842 | 1218958 | 1218958 | WHI11000989 | 1DX15 | 0.9 | 88.7 | 16.7 | 70 | <0.1 | 41.6 | 22.1 | 705 | 3.68 | 13.2 | 4.8 | 6.2 | 13 | |
| 26-Jul-11 | James Henderson | OV-0843 | 1218959 | 1218959 | WHI11000989 | 1DX15 | 0.7 | 47.9 | 10.7 | 59 | <0.1 | 28.6 | 14.1 | 428 | 2.97 | 17.1 | 4.1 | 5.3 | 9 | |
| 26-Jul-11 | James Henderson | OV-0844 | 1218960 | 1218960 | WHI11000989 | 1DX15 | 0.9 | 22.8 | 12.2 | 44 | 0.2 | 14 | 5.5 | 200 | 2.03 | 12.2 | 5 | 1.2 | 13 | |
| 26-Jul-11 | James Henderson | OV-0845 | 1218961 | 1218961 | WHI11000989 | 1DX15 | 1.8 | 42.5 | 21.4 | 58 | <0.1 | 16.3 | 6.6 | 265 | 2.93 | 26.2 | 12.8 | 3.3 | 19 | |
| 26-Jul-11 | James Henderson | OV-0846 | 1218962 | 1218962 | WHI11000989 | 1DX15 | 1.1 | 116.3 | 18.9 | 96 | 0.1 | 63.1 | 27.9 | 609 | 5.12 | 22.5 | 29.6 | 6.6 | 17 | |
| 26-Jul-11 | James Henderson | OV-0847 | 1218963 | 1218963 | WHI11000989 | 1DX15 | 0.8 | 79.1 | 12.9 | 69 | 0.1 | 37.8 | 16.8 | 461 | 3.69 | 15.3 | 35.1 | 6.5 | 19 | |
| 26-Jul-11 | James Henderson | OV-0848 | 1218964 | 1218964 | WHI11000989 | 1DX15 | 1 | 76 | 13.2 | 55 | <0.1 | 36.6 | 19.3 | 415 | 3.6 | 18 | 15.9 | 3.9 | 8 | |
| 26-Jul-11 | James Henderson | OV-0849 | 1218965 | 1218965 | WHI11000989 | 1DX15 | 0.9 | 24.5 | 11.3 | 41 | 0.1 | 17.6 | 5.8 | 126 | 2.95 | 9.1 | 4.4 | 4.7 | 8 | |
| 26-Jul-11 | James Henderson | OV-0850 | 1218966 | 1218966 | WHI11000989 | 1DX15 | 1.1 | 18.5 | 12.5 | 30 | <0.1 | 8.7 | 3.3 | 151 | 2.39 | 9.5 | 3.8 | 2.2 | 6 | |
| 26-Jul-11 | James Henderson | OV-0851 | 1218967 | 1218967 | WHI11000989 | 1DX15 | 1.5 | 44.1 | 12.7 | 68 | <0.1 | 29.1 | 12.4 | 157 | 4.24 | 7.6 | 2.1 | 14.5 | 8 | |
| 26-Jul-11 | James Henderson | OV-0852 | 1218968 | 1218968 | WHI11000989 | 1DX15 | 0.7 | 11.9 | 9.2 | 38 | <0.1 | 11.5 | 4.3 | 147 | 2.04 | 9.9 | 2.8 | 2.3 | 9 | |
| | | | 1218969 | | | | | | | | | | | | | | | | | |
| | | | 1218970 | | | | | | | | | | | | | | | | | |
| 26-Jul-11 | James Henderson | OV-0853 | 1218971 | 1218971 | WHI11000989 | 1DX15 | 1 | 17.7 | 12.1 | 47 | <0.1 | 14.6 | 6.9 | 235 | 2.13 | 9.8 | 4.7 | 3 | 10 | |
| 26-Jul-11 | James Henderson | OV-0854 | 1218972 | 1218972 | WHI11000989 | 1DX15 | 0.8 | 16.3 | 10.5 | 48 | <0.1 | 13.3 | 5.4 | 202 | 2.1 | 10.3 | 1.6 | 2.8 | 11 | |
| 23-Jul-11 | Andrew Blampin | OV-0693 | 1219123 | 1219123 | WHI11000905 | 1DX15 | 0.8 | 15.2 | 9.3 | 51 | <0.1 | 14.2 | 6.2 | 229 | 2.01 | 10.6 | 1.7 | 1.9 | 7 | |
| 23-Jul-11 | Andrew Blampin | OV-0694 | 1219124 | 1219124 | WHI11000905 | 1DX15 | 0.8 | 19.8 | 9.5 | 59 | <0.1 | 18.9 | 7.4 | 251 | 2.02 | 8.2 | 6.5 | 4.1 | 8 | |
| 23-Jul-11 | Andrew Blampin | OV-0695 | 1219125 | 1219125 | WHI11000905 | 1DX15 | 0.8 | 20.8 | 9 | 57 | <0.1 | 16.5 | 7.9 | 263 | 1.96 | 8.6 | 15.6 | 2.3 | 8 | |
| 23-Jul-11 | Andrew Blampin | OV-0696 | 1219126 | 1219126 | WHI11000905 | 1DX15 | 0.8 | 23.3 | 9.7 | 59 | <0.1 | 17.3 | 8.4 | 223 | 2.1 | 8.4 | 2.6 | 3.2 | 8 | |
| 23-Jul-11 | Andrew Blampin | OV-0697 | 1219127 | 1219127 | WHI11000905 | 1DX15 | 0.6 | 23 | 8.3 | 54 | <0.1 | 18.8 | 6.6 | 264 | 1.81 | 9.7 | 9.7 | 5.8 | 11 | |
| 23-Jul-11 | Andrew Blampin | OV-0698 | 1219128 | 1219128 | WHI11000905 | 1DX15 | 0.7 | 18.2 | 9.1 | 49 | <0.1 | 14.7 | 5.7 | 162 | 1.94 | 7.3 | 1.6 | 1.8 | 7 | |
| 23-Jul-11 | Andrew Blampin | OV-0699 | 1219129 | 1219129 | WHI11000905 | 1DX15 | 0.7 | 19.5 | 9.8 | 51 | <0.1 | 15.6 | 6.3 | 194 | 1.95 | 7.7 | 1.5 | 2.4 | 8 | |
| 23-Jul-11 | Andrew Blampin | OV-0700 | 1219130 | 1219130 | WHI11000905 | 1DX15 | 0.8 | 15.8 | 10.3 | 50 | <0.1 | 13.9 | 5 | 162 | 1.9 | 8.4 | 1.1 | 1.2 | 7 | |
| 23-Jul-11 | Andrew Blampin | OV-0701 | 1219131 | 1219131 | WHI11000905 | 1DX15 | 1 | 13.5 | 11.3 | 53 | <0.1 | 12.8 | 5.4 | 209 | 2.1 | 11.4 | 5 | 1.2 | 7 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 |
|-----------|-------------------------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 23-Jul-11 | Andrew Blampin | OV-0702 | 1219132 | 1219132 | WHI11000905 | 1DX15 | 0.8 | 18.2 | 11.9 | 51 | <0.1 | 16.1 | 5.4 | 171 | 2.11 | 10.2 | 1.7 | 1.7 | 6 | |
| 23-Jul-11 | Andrew Blampin | OV-0703 | 1219133 | 1219133 | WHI11000905 | 1DX15 | 0.7 | 15.9 | 10 | 56 | <0.1 | 15 | 7.6 | 230 | 1.83 | 11.7 | 2.3 | 4.3 | 9 | |
| 23-Jul-11 | Andrew Blampin | OV-0704 | 1219134 | 1219134 | WHI11000905 | 1DX15 | 0.7 | 9 | 8.8 | 37 | <0.1 | 9.3 | 4 | 163 | 1.76 | 9.4 | 1.8 | 1 | 6 | |
| 23-Jul-11 | Andrew Blampin | OV-0705 | 1219135 | 1219135 | WHI11000905 | 1DX15 | 0.8 | 12.8 | 13.5 | 55 | <0.1 | 12.2 | 7 | 354 | 2.06 | 10.5 | 1.1 | 2.9 | 8 | |
| 23-Jul-11 | Andrew Blampin | OV-0706 | 1219136 | 1219136 | WHI11000905 | 1DX15 | 0.8 | 10.4 | 11.3 | 42 | <0.1 | 10.8 | 5.1 | 214 | 1.88 | 9.4 | 1 | 1.7 | 7 | |
| 23-Jul-11 | Andrew Blampin | OV-0707 | 1219137 | 1219137 | WHI11000905 | 1DX15 | 1 | 13.4 | 9.6 | 60 | <0.1 | 11.4 | 6.9 | 393 | 2.37 | 11.1 | 1.5 | 2.1 | 8 | |
| 23-Jul-11 | Andrew Blampin | OV-0708 | 1219138 | 1219138 | WHI11000905 | 1DX15 | 0.7 | 9.9 | 9.8 | 45 | <0.1 | 10.6 | 4.1 | 152 | 1.92 | 9.4 | 8.1 | 1.3 | 6 | |
| 23-Jul-11 | Andrew Blampin | OV-0709 | 1219139 | 1219139 | WHI11000905 | 1DX15 | 0.8 | 12.5 | 11.3 | 43 | <0.1 | 12.1 | 4.9 | 172 | 1.67 | 8.2 | 1.9 | 1.5 | 6 | |
| 23-Jul-11 | Andrew Blampin | OV-0710 | 1219140 | 1219140 | WHI11000905 | 1DX15 | 0.6 | 21.9 | 13.5 | 50 | <0.1 | 14.3 | 5.8 | 250 | 1.94 | 7.6 | 2.3 | 6.9 | 6 | |
| 23-Jul-11 | Andrew Blampin | OV-0711 | 1219141 | 1219141 | WHI11000905 | 1DX15 | 0.7 | 9.9 | 10.1 | 34 | <0.1 | 8.9 | 3.5 | 126 | 1.47 | 6 | 6.7 | 0.8 | 6 | |
| 23-Jul-11 | Andrew Blampin | OV-0712 | 1219142 | 1219142 | WHI11000905 | 1DX15 | 0.7 | 10.8 | 10.5 | 42 | <0.1 | 11.4 | 4.6 | 188 | 1.65 | 8 | 1.4 | 1.5 | 6 | |
| 23-Jul-11 | Andrew Blampin | OV-0713 | 1219143 | 1219143 | WHI11000905 | 1DX15 | 0.8 | 23.1 | 13.7 | 59 | <0.1 | 15.9 | 9.4 | 294 | 2.22 | 9 | 1.8 | 6.3 | 9 | |
| 23-Jul-11 | Andrew Blampin | OV-0714 | 1219144 | 1219144 | WHI11000905 | 1DX15 | 0.6 | 19 | 11.4 | 48 | <0.1 | 14.3 | 6.5 | 159 | 1.82 | 7.3 | 1.3 | 4.3 | 7 | |
| 23-Jul-11 | Andrew Blampin | OV-0715 | 1219145 | 1219145 | WHI11000905 | 1DX15 | 0.5 | 26.4 | 9.7 | 54 | <0.1 | 17.9 | 7.4 | 307 | 1.81 | 9.5 | 8.4 | 5.3 | 8 | |
| 23-Jul-11 | Andrew Blampin | OV-0716 | 1219146 | 1219146 | WHI11000905 | 1DX15 | 0.7 | 13.2 | 9.1 | 40 | <0.1 | 13 | 6.7 | 272 | 1.76 | 7.3 | <0.5 | 2.2 | 7 | |
| 23-Jul-11 | Andrew Blampin | OV-0717 | 1219147 | 1219147 | WHI11000905 | 1DX15 | 0.7 | 12.2 | 10.2 | 36 | <0.1 | 11.7 | 4.9 | 151 | 1.71 | 7.9 | 2.2 | 1.4 | 5 | |
| 23-Jul-11 | Andrew Blampin | OV-0718 | 1219148 | 1219148 | WHI11000905 | 1DX15 | 0.6 | 13.5 | 11.8 | 41 | <0.1 | 12.6 | 9.4 | 501 | 1.94 | 8.5 | 1 | 1.3 | 6 | |
| 23-Jul-11 | Andrew Blampin | OV-0719 | 1219149 | 1219149 | WHI11000905 | 1DX15 | 0.6 | 11.6 | 11.8 | 43 | <0.1 | 12.7 | 8.5 | 364 | 1.87 | 8.2 | 2 | 1.8 | 6 | |
| 23-Jul-11 | Andrew Blampin | OV-0720 | 1219150 | 1219150 | WHI11000905 | 1DX15 | 0.7 | 14.9 | 9.2 | 52 | <0.1 | 14.9 | 6 | 227 | 1.94 | 9.9 | 2.2 | 2.9 | 7 | |
| 23-Jul-11 | Andrew Blampin | OV-0721 | 1219151 | 1219151 | WHI11000905 | 1DX15 | 0.6 | 7.4 | 7.1 | 20 | <0.1 | 5.8 | 2.5 | 119 | 1.06 | 5.3 | 0.8 | 0.2 | 4 | |
| 23-Jul-11 | Andrew Blampin | OV-0722 | 1219152 | 1219152 | WHI11000905 | 1DX15 | 0.6 | 23.2 | 7.8 | 53 | <0.1 | 19 | 6.1 | 252 | 2 | 7.2 | 1.3 | 5.7 | 7 | |
| 23-Jul-11 | Andrew Blampin | OV-0723 | 1219153 | 1219153 | WHI11000905 | 1DX15 | 1.1 | 10.9 | 11.9 | 41 | <0.1 | 9.9 | 4.5 | 166 | 2.19 | 10.7 | 0.8 | 1.9 | 6 | |
| 23-Jul-11 | Andrew Blampin | OV-0724 | 1219154 | 1219154 | WHI11000905 | 1DX15 | 0.7 | 12.6 | 9.6 | 43 | <0.1 | 11.6 | 5.9 | 200 | 1.98 | 8.9 | 1.6 | 2.9 | 7 | |
| 23-Jul-11 | Andrew Blampin | OV-0725 | 1219155 | 1219155 | WHI11000905 | 1DX15 | 0.7 | 22.7 | 10.2 | 63 | <0.1 | 17.4 | 8.2 | 321 | 1.95 | 11.3 | 4.3 | 4.3 | 8 | |
| 23-Jul-11 | Andrew Blampin | OV-0726 | 1219156 | 1219156 | WHI11000905 | 1DX15 | 1 | 15.3 | 10.7 | 49 | <0.1 | 14.2 | 7.3 | 293 | 1.95 | 9.2 | 1.1 | 5.2 | 6 | |
| 23-Jul-11 | Andrew Blampin | OV-0727 | 1219157 | 1219157 | WHI11000905 | 1DX15 | 1 | 15 | 10.4 | 47 | <0.1 | 14.3 | 6.6 | 213 | 2.07 | 11.5 | 0.6 | 3.3 | 6 | |
| 23-Jul-11 | Andrew Blampin | OV-0728 | 1219158 | 1219158 | WHI11000905 | 1DX15 | 1 | 8.9 | 11 | 40 | <0.1 | 9.8 | 8.2 | 409 | 2.41 | 12.9 | <0.5 | 3 | 4 | |
| 23-Jul-11 | Andrew Blampin | OV-0729 | 1219159 | 1219159 | WHI11000905 | 1DX15 | 1 | 10.2 | 8.6 | 40 | <0.1 | 12.1 | 4.5 | 191 | 2.3 | 11.9 | <0.5 | 2.3 | 7 | |
| 23-Jul-11 | Andrew Blampin | OV-0730 | 1219160 | 1219160 | WHI11000905 | 1DX15 | 0.8 | 18.2 | 9.2 | 44 | <0.1 | 15.4 | 7 | 252 | 1.81 | 8.4 | 0.8 | 5.4 | 6 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0069 | 1219161 | 1219161 | WHI11000989 | 1DX15 | 1.1 | 14.6 | 15.3 | 54 | <0.1 | 21.5 | 7.8 | 149 | 2.39 | 19.4 | 4.3 | 10.9 | 10 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0070 | 1219162 | 1219162 | WHI11000989 | 1DX15 | 1 | 14.4 | 11 | 42 | <0.1 | 16.7 | 6.7 | 217 | 2.18 | 11.8 | 2.9 | 5.7 | 8 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0071 | 1219163 | 1219163 | WHI11000989 | 1DX15 | 0.6 | 22.8 | 9.7 | 42 | <0.1 | 16.5 | 7.6 | 229 | 1.91 | 10.9 | 2.7 | 5.4 | 10 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0072 | 1219164 | 1219164 | WHI11000989 | 1DX15 | 0.9 | 10.1 | 9.7 | 38 | <0.1 | 12.7 | 5.9 | 170 | 2.03 | 32.5 | 6.5 | 4.3 | 7 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0073 | 1219165 | 1219165 | WHI11000989 | 1DX15 | 0.6 | 14.1 | 14.3 | 33 | <0.1 | 13.4 | 4.3 | 105 | 1.72 | 97.8 | 14.2 | 4.7 | 12 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0074 | 1219166 | 1219166 | WHI11000989 | 1DX15 | 0.5 | 12.2 | 8.3 | 35 | <0.1 | 13.9 | 6.8 | 181 | 1.65 | 10.5 | 3.2 | 4.2 | 11 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 |
|-----------|-------------------------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0075 | 1219167 | 1219167 | WHI11000989 | 1DX15 | 0.8 | 7.8 | 8.5 | 32 | <0.1 | 10.3 | 4.1 | 136 | 1.81 | 11.3 | 2.4 | 3.5 | 6 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0076 | 1219168 | 1219168 | WHI11000989 | 1DX15 | 0.9 | 5.5 | 12.6 | 33 | <0.1 | 7.5 | 2.9 | 218 | 1.55 | 5.8 | 3.5 | 1.7 | 8 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0077 | 1219169 | 1219169 | WHI11000989 | 1DX15 | 0.7 | 6.8 | 9.3 | 36 | <0.1 | 12 | 7.5 | 450 | 1.79 | 6.8 | 1.4 | 3.3 | 13 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0078 | 1219170 | 1219170 | WHI11000989 | 1DX15 | 1.1 | 11.8 | 12.4 | 75 | 0.1 | 13.5 | 7.5 | 333 | 2.79 | 10.7 | 1 | 6.1 | 16 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0079 | 1219171 | 1219171 | WHI11000989 | 1DX15 | 0.7 | 12.8 | 9.2 | 49 | <0.1 | 14.2 | 6.4 | 280 | 1.91 | 8.7 | 0.9 | 5.1 | 12 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0080 | 1219172 | 1219172 | WHI11000989 | 1DX15 | 0.4 | 15.6 | 14.5 | 39 | <0.1 | 17.9 | 7.2 | 306 | 1.74 | 28.3 | 5.5 | 8 | 147 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0081 | 1219173 | 1219173 | WHI11000989 | 1DX15 | 0.5 | 7.5 | 7.8 | 32 | <0.1 | 10.9 | 4.2 | 127 | 1.52 | 8.3 | 0.5 | 3.2 | 9 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0082 | 1219174 | 1219174 | WHI11000989 | 1DX15 | 0.7 | 9.1 | 7.3 | 34 | <0.1 | 12.2 | 4.6 | 137 | 1.61 | 12.1 | 1 | 3.4 | 10 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0083 | 1219175 | 1219175 | WHI11000989 | 1DX15 | 0.7 | 26.6 | 17.2 | 62 | <0.1 | 26.7 | 11 | 307 | 2.43 | 11.2 | 2.7 | 15.4 | 24 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0084 | 1219176 | 1219176 | WHI11000989 | 1DX15 | 0.4 | 17.1 | 11.3 | 48 | <0.1 | 18.8 | 7.2 | 188 | 1.95 | 9.8 | 2.4 | 8.2 | 35 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0085 | 1219177 | 1219177 | WHI11000989 | 1DX15 | 0.5 | 15 | 12.6 | 44 | <0.1 | 18 | 6.5 | 213 | 1.79 | 8.8 | 2.1 | 6.4 | 53 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0086 | 1219178 | 1219178 | WHI11000989 | 1DX15 | 0.5 | 10.8 | 8.9 | 35 | <0.1 | 12.7 | 5.7 | 234 | 1.63 | 7.5 | 2.2 | 4.7 | 23 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0087 | 1219179 | 1219179 | WHI11000989 | 1DX15 | 0.6 | 7.5 | 6.5 | 26 | <0.1 | 10.4 | 3.7 | 110 | 1.3 | 7.4 | 1.3 | 3.6 | 9 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0088 | 1219180 | 1219180 | WHI11000989 | 1DX15 | 0.8 | 11.2 | 9.9 | 40 | 0.2 | 12.5 | 5.5 | 174 | 1.9 | 7.9 | 2.4 | 4.6 | 10 | |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0089 | 1219181 | 1219181 | WHI11000989 | 1DX15 | 0.8 | 10.6 | 9.1 | 37 | 0.2 | 11.6 | 5 | 148 | 1.73 | 8.3 | 0.7 | 3.7 | 10 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0731 | 1219182 | 1219182 | WHI11000989 | 1DX15 | 0.7 | 12.6 | 8.8 | 36 | <0.1 | 12.6 | 4.8 | 189 | 1.59 | 6.8 | 10.7 | 4.4 | 6 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0732 | 1219183 | 1219183 | WHI11000989 | 1DX15 | 1.1 | 8.1 | 11.5 | 48 | <0.1 | 10.8 | 5.6 | 343 | 2.53 | 11 | 1.3 | 4.2 | 7 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0733 | 1219184 | 1219184 | WHI11000989 | 1DX15 | 0.9 | 10 | 10.5 | 37 | <0.1 | 9.4 | 4.5 | 203 | 2.07 | 9.2 | 1.4 | 3.2 | 7 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0734 | 1219185 | 1219185 | WHI11000989 | 1DX15 | 0.9 | 10.6 | 9.5 | 45 | <0.1 | 11.9 | 5.5 | 268 | 1.88 | 9.5 | 11.3 | 3.6 | 8 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0735 | 1219186 | 1219186 | WHI11000989 | 1DX15 | 0.9 | 9.2 | 9.8 | 33 | <0.1 | 9.2 | 3.4 | 142 | 1.82 | 9 | 0.6 | 2.1 | 7 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0736 | 1219187 | 1219187 | WHI11000989 | 1DX15 | 0.7 | 23.5 | 9.8 | 45 | <0.1 | 16.2 | 7.7 | 342 | 1.96 | 10.1 | 2.9 | 4.7 | 9 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0737 | 1219188 | 1219188 | WHI11000989 | 1DX15 | 0.7 | 20.4 | 9.1 | 43 | <0.1 | 15.1 | 6.6 | 261 | 1.7 | 8.9 | 1.5 | 3.9 | 9 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0738 | 1219189 | 1219189 | WHI11000989 | 1DX15 | 0.9 | 10 | 10 | 36 | <0.1 | 9.7 | 4.9 | 226 | 1.61 | 7.6 | 1.8 | 1.8 | 7 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0739 | 1219190 | 1219190 | WHI11000989 | 1DX15 | 0.8 | 21.4 | 10.6 | 48 | <0.1 | 19.6 | 7.5 | 265 | 1.95 | 8 | 1.8 | 5.1 | 10 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0740 | 1219191 | 1219191 | WHI11000989 | 1DX15 | 1.2 | 11.5 | 9.7 | 47 | <0.1 | 15 | 15.1 | 808 | 2.17 | 9.7 | 9 | 2.3 | 8 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0741 | 1219192 | 1219192 | WHI11000989 | 1DX15 | 0.8 | 20.2 | 9 | 51 | <0.1 | 21.6 | 9.6 | 314 | 1.89 | 9 | 6.6 | 3.9 | 10 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0742 | 1219193 | 1219193 | WHI11000989 | 1DX15 | 0.8 | 22.4 | 11.5 | 54 | <0.1 | 20.6 | 8 | 191 | 1.98 | 10.9 | 2.8 | 4.6 | 8 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0743 | 1219194 | 1219194 | WHI11000989 | 1DX15 | 0.9 | 20.6 | 9.5 | 61 | <0.1 | 22.2 | 9.8 | 412 | 2.19 | 10 | 5 | 3.6 | 10 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0744 | 1219195 | 1219195 | WHI11000989 | 1DX15 | 0.9 | 15.1 | 10.6 | 42 | <0.1 | 16.4 | 6.2 | 227 | 1.9 | 8.2 | 2.3 | 2.7 | 9 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0745 | 1219196 | 1219196 | WHI11000989 | 1DX15 | 1 | 25.4 | 11.8 | 50 | <0.1 | 19 | 9.5 | 351 | 2.28 | 10.5 | 2.9 | 2.5 | 8 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0746 | 1219197 | 1219197 | WHI11000989 | 1DX15 | 1 | 15.8 | 12.4 | 57 | <0.1 | 21.5 | 10.6 | 486 | 2.3 | 9.7 | 1.9 | 4.1 | 9 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0747 | 1219198 | 1219198 | WHI11000989 | 1DX15 | 1 | 25.5 | 11.4 | 58 | <0.1 | 29.8 | 11.5 | 345 | 2.62 | 8.4 | 2.5 | 4.8 | 8 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0748 | 1219199 | 1219199 | WHI11000989 | 1DX15 | 0.9 | 19.8 | 8.8 | 53 | <0.1 | 22.3 | 8.3 | 290 | 2.19 | 7.9 | 7.3 | 3.6 | 11 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0749 | 1219200 | 1219200 | WHI11000989 | 1DX15 | 0.9 | 19.1 | 9.8 | 49 | <0.1 | 21 | 8 | 259 | 2.13 | 9 | 4.6 | 2.4 | 9 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0750 | 1219201 | 1219201 | WHI11000989 | 1DX15 | 1 | 21.2 | 11.7 | 54 | <0.1 | 18.8 | 10.6 | 420 | 2.82 | 19.1 | 5.2 | 4.5 | 8 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 |
|-----------|----------------------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0751 | 1219202 | 1219202 | WHI11000989 | 1DX15 | 0.7 | 23.2 | 12.7 | 37 | 0.2 | 17 | 6.7 | 155 | 2.35 | 10.5 | 3.1 | 1.6 | 18 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0752 | 1219203 | 1219203 | WHI11000989 | 1DX15 | 0.8 | 34.7 | 11.6 | 52 | <0.1 | 24.6 | 12.2 | 341 | 2.69 | 13.3 | 14.1 | 4.8 | 10 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0753 | 1219204 | 1219204 | WHI11000989 | 1DX15 | 1.3 | 23.5 | 12.8 | 57 | <0.1 | 18.8 | 10.6 | 484 | 2.89 | 11.6 | 3.6 | 2.1 | 9 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0754 | 1219205 | 1219205 | WHI11000989 | 1DX15 | 0.8 | 24 | 9.6 | 46 | <0.1 | 18.2 | 8.3 | 248 | 2.13 | 7.7 | 1.6 | 3.6 | 10 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0755 | 1219206 | 1219206 | WHI11000989 | 1DX15 | 1 | 13.6 | 12.1 | 46 | <0.1 | 13.3 | 5.7 | 183 | 2.15 | 9.6 | 1.4 | 1.6 | 8 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0756 | 1219207 | 1219207 | WHI11000989 | 1DX15 | 0.6 | 21.5 | 15.9 | 53 | <0.1 | 20.4 | 9.4 | 351 | 2.11 | 5.7 | 2.1 | 8.4 | 8 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0757 | 1219208 | 1219208 | WHI11000989 | 1DX15 | 1 | 24.4 | 15.2 | 54 | <0.1 | 20 | 8.5 | 315 | 2.6 | 12.9 | 2.8 | 3.9 | 9 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0758 | 1219209 | 1219209 | WHI11000989 | 1DX15 | 1 | 21.1 | 12 | 56 | <0.1 | 17.9 | 9.1 | 271 | 2.4 | 9.7 | 3.1 | 5.9 | 8 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0759 | 1219210 | 1219210 | WHI11000989 | 1DX15 | 0.8 | 23.8 | 9.6 | 50 | <0.1 | 15.5 | 6.1 | 228 | 2.12 | 8.9 | 7.1 | 7.6 | 9 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0825 | 1219211 | 1219211 | WHI11000989 | 1DX15 | 1 | 25.6 | 10.7 | 63 | <0.1 | 20.2 | 7.7 | 262 | 2.47 | 10.6 | 4.7 | 5.7 | 13 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0826 | 1219212 | 1219212 | WHI11000989 | 1DX15 | 0.8 | 17.6 | 10 | 46 | <0.1 | 13.9 | 5.4 | 180 | 2 | 8.7 | 19.9 | 3.4 | 11 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0827 | 1219213 | 1219213 | WHI11000989 | 1DX15 | 0.9 | 20.5 | 10.6 | 54 | <0.1 | 16.8 | 6.5 | 203 | 2.37 | 10.2 | 1.9 | 4.8 | 10 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0828 | 1219214 | 1219214 | WHI11000989 | 1DX15 | 0.8 | 21 | 9.8 | 57 | <0.1 | 18.9 | 8 | 278 | 2.19 | 9.6 | 1.5 | 3.5 | 12 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0829 | 1219215 | 1219215 | WHI11000989 | 1DX15 | 1.2 | 28.8 | 18.5 | 51 | <0.1 | 16.4 | 5.5 | 128 | 2.58 | 7.6 | 2.1 | 5 | 9 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0830 | 1219216 | 1219216 | WHI11000989 | 1DX15 | 0.8 | 23 | 13.4 | 53 | <0.1 | 15.6 | 7.2 | 215 | 2.6 | 9.4 | 2.3 | 8.6 | 11 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0831 | 1219217 | 1219217 | WHI11000989 | 1DX15 | 1 | 26.1 | 15.4 | 61 | <0.1 | 19.4 | 6.9 | 218 | 2.69 | 9.4 | 2.1 | 5 | 12 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0832 | 1219218 | 1219218 | WHI11000989 | 1DX15 | 0.8 | 20.9 | 13.7 | 50 | <0.1 | 16.6 | 7.1 | 223 | 2.23 | 10.7 | 2.4 | 4.9 | 10 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0833 | 1219219 | 1219219 | WHI11000989 | 1DX15 | 0.9 | 20.1 | 15.9 | 58 | <0.1 | 17.4 | 7.3 | 268 | 2.92 | 12.9 | 18.9 | 6 | 8 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0834 | 1219220 | 1219220 | WHI11000989 | 1DX15 | 1 | 22.5 | 19.3 | 61 | <0.1 | 32.7 | 11.2 | 177 | 2.73 | 12.2 | 2.7 | 1.4 | 9 | |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0835 | 1219221 | 1219221 | WHI11000989 | 1DX15 | 0.8 | 16.8 | 12 | 50 | <0.1 | 18.3 | 7.8 | 256 | 2.47 | 9.4 | 9.5 | 4.1 | 9 | |
| 26-Jul-11 | Andrew Blampin | OV-0935 | 1219222 | 1219222 | WHI11000989 | 1DX15 | 1.2 | 16.7 | 8.6 | 32 | <0.1 | 14.6 | 5.5 | 108 | 2.15 | 5.5 | 2 | 7.8 | 9 | |
| 26-Jul-11 | Andrew Blampin | OV-0936 | 1219223 | 1219223 | WHI11000989 | 1DX15 | 2.6 | 33.4 | 16.7 | 56 | <0.1 | 24.5 | 10.4 | 161 | 3.25 | 6.8 | 6 | 15.7 | 13 | |
| 26-Jul-11 | Andrew Blampin | OV-0937 | 1219224 | 1219224 | WHI11000989 | 1DX15 | 1.5 | 67.4 | 15.9 | 62 | <0.1 | 21.7 | 8 | 203 | 5.49 | 6.6 | 3.8 | 26.9 | 18 | |
| 26-Jul-11 | Andrew Blampin | OV-0938 | 1219225 | 1219225 | WHI11000989 | 1DX15 | 1.5 | 11.1 | 10.7 | 34 | <0.1 | 11.1 | 4.2 | 114 | 2.06 | 7.4 | 7.3 | 5 | 6 | |
| 26-Jul-11 | Andrew Blampin | OV-0939 | 1219226 | 1219226 | WHI11000989 | 1DX15 | 0.9 | 16.5 | 11.4 | 44 | <0.1 | 16.5 | 9.2 | 1225 | 2.12 | 7 | <0.5 | 9.7 | 10 | |
| 26-Jul-11 | Andrew Blampin | OV-0940 | 1219227 | 1219227 | WHI11000989 | 1DX15 | 1 | 29.5 | 34.8 | 44 | <0.1 | 16.3 | 7.8 | 208 | 3.4 | 6.9 | 1.3 | 11.6 | 9 | |
| 26-Jul-11 | Andrew Blampin | OV-0941 | 1219228 | 1219228 | WHI11000989 | 1DX15 | 0.7 | 10.1 | 14.6 | 34 | <0.1 | 10.6 | 4 | 122 | 1.74 | 6.5 | 1.2 | 4.9 | 8 | |
| 26-Jul-11 | Andrew Blampin | OV-0942 | 1219229 | 1219229 | WHI11000989 | 1DX15 | 0.7 | 41.6 | 22.8 | 87 | <0.1 | 33.4 | 15.3 | 230 | 4.22 | 5.2 | 1.3 | 19.7 | 16 | |
| 26-Jul-11 | Andrew Blampin | OV-0943 | 1219230 | 1219230 | WHI11000989 | 1DX15 | 0.9 | 28.3 | 13.7 | 48 | <0.1 | 20 | 8.2 | 122 | 2.98 | 6.9 | 2.3 | 12.3 | 8 | |
| 26-Jul-11 | Andrew Blampin | OV-0944 | 1219231 | 1219231 | WHI11000989 | 1DX15 | 0.7 | 25.5 | 10.2 | 53 | <0.1 | 19.9 | 8.1 | 132 | 2.91 | 5.6 | 1.5 | 11.3 | 8 | |
| 26-Jul-11 | Andrew Blampin | OV-0945 | 1219232 | 1219232 | WHI11000989 | 1DX15 | 0.8 | 24.4 | 11.4 | 53 | <0.1 | 19.2 | 8.1 | 152 | 2.89 | 6 | 2.9 | 11.6 | 8 | |
| 26-Jul-11 | Andrew Blampin | OV-0946 | 1219233 | 1219233 | WHI11000989 | 1DX15 | 1 | 28.3 | 12.4 | 63 | <0.1 | 26.1 | 10.8 | 198 | 3.24 | 5.6 | 1.9 | 12.7 | 8 | |
| 26-Jul-11 | Andrew Blampin | OV-0947 | 1219234 | 1219234 | WHI11000989 | 1DX15 | 1.1 | 32 | 12.2 | 71 | <0.1 | 30.3 | 10.6 | 234 | 3.32 | 8.7 | 2.6 | 11.7 | 9 | |
| 26-Jul-11 | Andrew Blampin | OV-0948 | 1219235 | 1219235 | WHI11000989 | 1DX15 | 0.9 | 36.9 | 14.1 | 78 | <0.1 | 35.4 | 14 | 250 | 3.65 | 5.1 | 1.5 | 17.1 | 11 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|----------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 26-Jul-11 | Andrew Blampin | OV-0949 | 1219236 | 1219236 | WHI11000989 | 1DX15 | 1.1 | 27.3 | 13.1 | 66 | <0.1 | 27.8 | 10.7 | 249 | 3.18 | 6.7 | 4.3 | 12.6 | 10 | |
| 26-Jul-11 | Andrew Blampin | OV-0950 | 1219237 | 1219237 | WHI11000989 | 1DX15 | 1.1 | 20.3 | 12 | 58 | 0.1 | 22.1 | 8.1 | 315 | 2.66 | 7.8 | <0.5 | 7.6 | 12 | |
| 26-Jul-11 | Andrew Blampin | OV-0951 | 1219238 | 1219238 | WHI11000989 | 1DX15 | 1.1 | 19 | 11.6 | 57 | <0.1 | 21.7 | 7.7 | 221 | 2.68 | 7.5 | 11.6 | 8.5 | 10 | |
| 26-Jul-11 | Andrew Blampin | OV-0952 | 1219239 | 1219239 | WHI11000989 | 1DX15 | 0.9 | 14.9 | 8.6 | 45 | <0.1 | 19 | 7.2 | 292 | 2.33 | 8.3 | 8 | 6.3 | 10 | |
| 26-Jul-11 | Andrew Blampin | OV-0953 | 1219240 | 1219240 | WHI11000989 | 1DX15 | 0.8 | 21 | 11 | 49 | <0.1 | 22.1 | 7.9 | 233 | 2.52 | 8.1 | 16.6 | 8 | 10 | |
| 26-Jul-11 | Andrew Blampin | OV-0954 | 1219241 | 1219241 | WHI11000989 | 1DX15 | 1 | 20.9 | 11 | 60 | 0.1 | 22.3 | 9.9 | 356 | 2.81 | 7 | 1.4 | 6.4 | 10 | |
| 26-Jul-11 | Andrew Blampin | OV-0955 | 1219242 | 1219242 | WHI11000989 | 1DX15 | 1.6 | 46 | 18.4 | 98 | <0.1 | 46.6 | 23.7 | 515 | 5.92 | 4.5 | 1.4 | 20.5 | 20 | |
| 26-Jul-11 | Andrew Blampin | OV-0956 | 1219243 | 1219243 | WHI11000989 | 1DX15 | 0.6 | 30.4 | 16.7 | 77 | <0.1 | 33.9 | 14.5 | 358 | 3.62 | 3.7 | 1.2 | 15.7 | 20 | |
| 26-Jul-11 | Andrew Blampin | OV-0957 | 1219244 | 1219244 | WHI11000989 | 1DX15 | 0.7 | 32.8 | 16.2 | 78 | <0.1 | 37 | 18.7 | 447 | 4.27 | 2.9 | 2 | 15.5 | 51 | |
| 26-Jul-11 | Andrew Blampin | OV-0958 | 1219245 | 1219245 | WHI11000989 | 1DX15 | 1.1 | 27.6 | 14.5 | 67 | <0.1 | 29.6 | 11 | 304 | 2.98 | 6.7 | 2.9 | 11.1 | 17 | |
| 26-Jul-11 | Andrew Blampin | OV-0959 | 1219246 | 1219246 | WHI11000989 | 1DX15 | 1 | 31 | 13.8 | 66 | <0.1 | 29.6 | 11.4 | 328 | 3.02 | 7.4 | 2.2 | 11.8 | 16 | |
| 23-Jul-11 | Alec McAlister | OV-0597 | 1219351 | 1219351 | WHI11000905 | 1DX15 | 0.7 | 17 | 13.3 | 49 | <0.1 | 14.1 | 4.9 | 193 | 2.07 | 7.6 | 5 | 1.5 | 6 | |
| 23-Jul-11 | Alec McAlister | OV-0599 | 1219352 | 1219352 | WHI11000905 | 1DX15 | 0.7 | 20.3 | 14.7 | 56 | <0.1 | 16.9 | 6.8 | 257 | 2.27 | 8.8 | 2.3 | 2.9 | 7 | |
| 23-Jul-11 | Alec McAlister | OV-0601 | 1219353 | 1219353 | WHI11000905 | 1DX15 | 0.9 | 18.4 | 10 | 48 | <0.1 | 14.4 | 5.6 | 196 | 1.96 | 10.8 | 12.3 | 0.8 | 7 | |
| 23-Jul-11 | Alec McAlister | OV-0603 | 1219354 | 1219354 | WHI11000905 | 1DX15 | 1 | 15.8 | 9.6 | 52 | <0.1 | 15.3 | 6 | 206 | 1.92 | 10.4 | 3.8 | 2.4 | 8 | |
| 23-Jul-11 | Alec McAlister | OV-0605 | 1219355 | 1219355 | WHI11000905 | 1DX15 | 0.8 | 25.4 | 9.1 | 56 | <0.1 | 16.9 | 7.6 | 228 | 1.92 | 10.6 | 2.5 | 2.1 | 8 | |
| 23-Jul-11 | Alec McAlister | OV-0607 | 1219356 | 1219356 | WHI11000905 | 1DX15 | 0.9 | 18.9 | 16.1 | 65 | <0.1 | 17.6 | 8.2 | 319 | 2.32 | 12 | 1.4 | 1.9 | 8 | |
| 23-Jul-11 | Alec McAlister | OV-0609 | 1219357 | 1219357 | WHI11000905 | 1DX15 | 0.9 | 12 | 10.4 | 33 | 0.1 | 9.8 | 6.3 | 236 | 1.54 | 7.6 | 2.6 | 0.3 | 7 | |
| 23-Jul-11 | Alec McAlister | OV-0611 | 1219358 | 1219358 | WHI11000905 | 1DX15 | 0.9 | 20.8 | 9 | 58 | <0.1 | 17.1 | 6.1 | 210 | 1.96 | 8.9 | 30.3 | 2.3 | 11 | |
| 23-Jul-11 | Alec McAlister | OV-0613 | 1219359 | 1219359 | WHI11000905 | 1DX15 | 0.8 | 11 | 8.5 | 41 | <0.1 | 10.7 | 4 | 124 | 1.71 | 8.8 | 1.1 | 1.1 | 7 | |
| 23-Jul-11 | Alec McAlister | OV-0615 | 1219360 | 1219360 | WHI11000905 | 1DX15 | 1.3 | 17.3 | 11.4 | 54 | <0.1 | 14.3 | 6.6 | 241 | 2.32 | 11.5 | 2.4 | 0.6 | 8 | |
| 23-Jul-11 | Alec McAlister | OV-0617 | 1219361 | 1219361 | WHI11000905 | 1DX15 | 1 | 12.1 | 9.4 | 44 | <0.1 | 12.3 | 5.5 | 201 | 1.95 | 10.4 | 0.9 | 0.7 | 6 | |
| 23-Jul-11 | Alec McAlister | OV-0619 | 1219362 | 1219362 | WHI11000905 | 1DX15 | 1.1 | 18.8 | 10.8 | 49 | <0.1 | 16.9 | 7.2 | 215 | 2.07 | 8.4 | 2.3 | 0.6 | 8 | |
| 23-Jul-11 | Alec McAlister | OV-0621 | 1219363 | 1219363 | WHI11000905 | 1DX15 | 0.9 | 12.2 | 9.8 | 39 | <0.1 | 11.2 | 4.8 | 172 | 1.79 | 9.3 | 0.8 | 0.4 | 6 | |
| 23-Jul-11 | Alec McAlister | OV-0623 | 1219364 | 1219364 | WHI11000905 | 1DX15 | 0.9 | 14.3 | 12.5 | 44 | <0.1 | 13.5 | 4.9 | 170 | 2.11 | 11.7 | 5.9 | 1.1 | 6 | |
| 23-Jul-11 | Alec McAlister | OV-0625 | 1219365 | 1219365 | WHI11000905 | 1DX15 | 1.2 | 22.3 | 11.9 | 58 | <0.1 | 24.1 | 8.6 | 315 | 2.16 | 10.5 | 5.7 | 3.6 | 9 | |
| 23-Jul-11 | Alec McAlister | OV-0627 | 1219366 | 1219366 | WHI11000905 | 1DX15 | 0.9 | 12.5 | 9.4 | 41 | <0.1 | 11.7 | 4.8 | 157 | 1.95 | 10.9 | <0.5 | 0.6 | 6 | |
| 23-Jul-11 | Alec McAlister | OV-0629 | 1219367 | 1219367 | WHI11000905 | 1DX15 | 0.8 | 13.2 | 9 | 47 | <0.1 | 14.2 | 6.9 | 270 | 1.99 | 10.8 | 1.4 | 2.5 | 8 | |
| 23-Jul-11 | Alec McAlister | OV-0631 | 1219368 | 1219368 | WHI11000905 | 1DX15 | 1.6 | 13.2 | 11.5 | 57 | <0.1 | 13.5 | 7.3 | 289 | 2.34 | 11 | 4 | 0.6 | 9 | |
| 23-Jul-11 | Alec McAlister | OV-0633 | 1219369 | 1219369 | WHI11000905 | 1DX15 | 0.9 | 14.4 | 9.9 | 45 | <0.1 | 15.2 | 6.4 | 180 | 1.95 | 13.2 | 11.4 | 3.7 | 7 | |
| 23-Jul-11 | Alec McAlister | OV-0635 | 1219370 | 1219370 | WHI11000905 | 1DX15 | 0.8 | 14.1 | 7.9 | 46 | <0.1 | 13 | 6.1 | 228 | 1.83 | 11 | 2 | 2.8 | 10 | |
| 23-Jul-11 | Alec McAlister | OV-0637 | 1219371 | 1219371 | WHI11000905 | 1DX15 | 0.7 | 17 | 7.9 | 50 | <0.1 | 15.9 | 5.7 | 162 | 1.78 | 8.4 | 2.2 | 3.1 | 10 | |
| 23-Jul-11 | Alec McAlister | OV-0639 | 1219372 | 1219372 | WHI11000905 | 1DX15 | 0.6 | 20.7 | 8.3 | 40 | <0.1 | 18 | 6.6 | 204 | 1.76 | 9.1 | 7.2 | 1.8 | 7 | |
| 23-Jul-11 | Alec McAlister | OV-0641 | 1219373 | 1219373 | WHI11000905 | 1DX15 | 1 | 19.6 | 9.3 | 52 | <0.1 | 20.6 | 8.2 | 249 | 2.27 | 11.5 | 18.6 | 3.8 | 10 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | |
|-----------|----------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm |
| 23-Jul-11 | Alec McAlister | OV-0643 | 1219374 | 1219374 | WHI11000905 | 1DX15 | 1 | 18 | 9.7 | 51 | <0.1 | 20.2 | 9.2 | 349 | 2.18 | 14 | 7.9 | 2.7 | 10 |
| 23-Jul-11 | Alec McAlister | OV-0645 | 1219375 | 1219375 | WHI11000905 | 1DX15 | 1.1 | 10.1 | 10.3 | 36 | <0.1 | 10 | 5.2 | 225 | 2.02 | 13.8 | <0.5 | 0.7 | 6 |
| 23-Jul-11 | Alec McAlister | OV-0647 | 1219376 | 1219376 | WHI11000905 | 1DX15 | 1.2 | 9.5 | 11.2 | 37 | <0.1 | 10.4 | 4.6 | 198 | 2.12 | 15.9 | 5.8 | 0.9 | 9 |
| 23-Jul-11 | Alec McAlister | OV-0649 | 1219377 | 1219377 | WHI11000905 | 1DX15 | 1 | 14.7 | 10 | 48 | <0.1 | 13.6 | 7.1 | 289 | 2.31 | 13.9 | 11.3 | 1.1 | 8 |
| 23-Jul-11 | Alec McAlister | OV-0651 | 1219378 | 1219378 | WHI11000905 | 1DX15 | 0.8 | 10.4 | 9.5 | 46 | <0.1 | 12.3 | 6.5 | 199 | 2.3 | 11 | 27 | 3 | 7 |
| 23-Jul-11 | Alec McAlister | OV-0653 | 1219379 | 1219379 | WHI11000905 | 1DX15 | 1.2 | 12.2 | 8.2 | 40 | <0.1 | 11.8 | 6.4 | 330 | 2.23 | 13.8 | 2 | 2.1 | 4 |
| 23-Jul-11 | Alec McAlister | OV-0655 | 1219380 | 1219380 | WHI11000905 | 1DX15 | 1 | 11.1 | 8.3 | 46 | <0.1 | 11.9 | 4.9 | 172 | 2.29 | 12.9 | 2.1 | 3.9 | 6 |
| 23-Jul-11 | Alec McAlister | OV-0657 | 1219381 | 1219381 | WHI11000905 | 1DX15 | 0.7 | 14.3 | 10 | 43 | <0.1 | 12 | 4.2 | 97 | 2.08 | 11.4 | 4.4 | 3.7 | 7 |
| 23-Jul-11 | Alec McAlister | OV-0659 | 1219382 | 1219382 | WHI11000905 | 1DX15 | 0.5 | 16.2 | 9.2 | 41 | <0.1 | 11.3 | 5.1 | 107 | 1.88 | 9.2 | 17.6 | 3.5 | 6 |
| 23-Jul-11 | Alec McAlister | OV-0661 | 1219383 | 1219383 | WHI11000905 | 1DX15 | 0.8 | 18 | 10.2 | 45 | 0.1 | 16.5 | 6.1 | 153 | 2.34 | 9.3 | 2.2 | 4.5 | 8 |
| 23-Jul-11 | Alec McAlister | OV-0663 | 1219384 | 1219384 | WHI11000905 | 1DX15 | 0.8 | 10.1 | 8.2 | 35 | <0.1 | 11 | 4.3 | 142 | 1.68 | 9.8 | 1.1 | 3.2 | 8 |
| 23-Jul-11 | Alec McAlister | OV-0665 | 1219385 | 1219385 | WHI11000905 | 1DX15 | 0.8 | 26.5 | 9.4 | 55 | <0.1 | 19.4 | 7.4 | 183 | 2.4 | 8.8 | 2.8 | 7.5 | 6 |
| 23-Jul-11 | Alec McAlister | OV-0667 | 1219386 | 1219386 | WHI11000905 | 1DX15 | 0.8 | 18.3 | 8.2 | 44 | <0.1 | 14.7 | 5.6 | 160 | 1.91 | 9.5 | 21.1 | 4.3 | 7 |
| 23-Jul-11 | Alec McAlister | OV-0669 | 1219387 | 1219387 | WHI11000905 | 1DX15 | 0.8 | 21.9 | 8.8 | 51 | <0.1 | 13.9 | 6.6 | 256 | 1.95 | 10.1 | 6.4 | 2.4 | 10 |
| 23-Jul-11 | Alec McAlister | OV-0671 | 1219388 | 1219388 | WHI11000905 | 1DX15 | 0.6 | 14.8 | 8.6 | 42 | <0.1 | 17.4 | 8 | 142 | 1.67 | 11.2 | 11.5 | 3.7 | 10 |
| 23-Jul-11 | Alec McAlister | OV-0673 | 1219389 | 1219389 | WHI11000905 | 1DX15 | 1.3 | 12 | 11.1 | 56 | <0.1 | 16.7 | 7.1 | 215 | 2.52 | 12.4 | <0.5 | 3.3 | 9 |
| 23-Jul-11 | Alec McAlister | OV-0675 | 1219390 | 1219390 | WHI11000905 | 1DX15 | 0.8 | 10.9 | 8.1 | 39 | <0.1 | 13.7 | 6.4 | 136 | 1.66 | 10.6 | 0.7 | 2.7 | 10 |
| 23-Jul-11 | Alec McAlister | OV-0677 | 1219391 | 1219391 | WHI11000905 | 1DX15 | 0.6 | 15.5 | 5.3 | 42 | <0.1 | 12.8 | 4.8 | 237 | 1.27 | 7.9 | 28.4 | 3.5 | 8 |
| 23-Jul-11 | Alec McAlister | OV-0679 | 1219392 | 1219392 | WHI11000905 | 1DX15 | 0.7 | 6 | 6.9 | 40 | <0.1 | 7.6 | 7 | 239 | 1.55 | 6.8 | <0.5 | 2.6 | 9 |
| 23-Jul-11 | Alec McAlister | OV-0681 | 1219393 | 1219393 | WHI11000905 | 1DX15 | 0.6 | 17.2 | 5.8 | 39 | <0.1 | 14.5 | 5.1 | 173 | 1.25 | 7.2 | 1.2 | 3.3 | 9 |
| 23-Jul-11 | Alec McAlister | OV-0683 | 1219394 | 1219394 | WHI11000905 | 1DX15 | 0.6 | 12.8 | 6 | 35 | <0.1 | 13.2 | 4.4 | 143 | 1.31 | 7.3 | 0.8 | 2.9 | 6 |
| 23-Jul-11 | Alec McAlister | OV-0685 | 1219395 | 1219395 | WHI11000905 | 1DX15 | 0.7 | 17.9 | 5.9 | 40 | <0.1 | 13.7 | 5.1 | 259 | 1.2 | 7.5 | 0.6 | 3.1 | 8 |
| 23-Jul-11 | Alec McAlister | OV-0687 | 1219396 | 1219396 | WHI11000905 | 1DX15 | 0.8 | 16.8 | 7 | 42 | <0.1 | 16.5 | 5.9 | 200 | 1.52 | 9.5 | <0.5 | 3.6 | 9 |
| 23-Jul-11 | Alec McAlister | OV-0689 | 1219397 | 1219397 | WHI11000905 | 1DX15 | 0.8 | 22.2 | 11.9 | 49 | <0.1 | 19.1 | 6.8 | 183 | 1.9 | 9.5 | 0.7 | 4.8 | 8 |
| 23-Jul-11 | Alec McAlister | OV-0691 | 1219398 | 1219398 | WHI11000905 | 1DX15 | 0.8 | 11.6 | 6.9 | 40 | <0.1 | 14.9 | 5.6 | 186 | 1.48 | 8.7 | <0.5 | 3.1 | 9 |
| 26-Jul-11 | Alec McAlister | OV-0858 | 1219401 | 1219401 | WHI11000989 | 1DX15 | 0.8 | 26.9 | 12.3 | 69 | <0.1 | 23.8 | 9.7 | 397 | 2.51 | 11.8 | 2.4 | 6.1 | 10 |
| 26-Jul-11 | Alec McAlister | OV-0859 | 1219402 | 1219402 | WHI11000989 | 1DX15 | 0.7 | 20.1 | 12.8 | 51 | <0.1 | 15.7 | 6.4 | 241 | 2.17 | 10.8 | 1.8 | 1.8 | 8 |
| 26-Jul-11 | Alec McAlister | OV-0860 | 1219403 | 1219403 | WHI11000989 | 1DX15 | 0.8 | 22 | 12.3 | 58 | <0.1 | 18.4 | 6.3 | 229 | 2.44 | 10.6 | 2.1 | 4.8 | 9 |
| 26-Jul-11 | Alec McAlister | OV-0861 | 1219404 | 1219404 | WHI11000989 | 1DX15 | 0.8 | 25.7 | 12.7 | 72 | <0.1 | 22.9 | 9.2 | 436 | 2.44 | 11.3 | 8.6 | 5.2 | 9 |
| 26-Jul-11 | Alec McAlister | OV-0862 | 1219405 | 1219405 | WHI11000989 | 1DX15 | 1 | 15.1 | 13.2 | 43 | <0.1 | 14 | 4.5 | 151 | 1.92 | 8.1 | 4.7 | 1.4 | 8 |
| 26-Jul-11 | Alec McAlister | OV-0863 | 1219406 | 1219406 | WHI11000989 | 1DX15 | 0.7 | 19.2 | 11 | 47 | <0.1 | 15.4 | 5.6 | 210 | 2 | 9.3 | 2.6 | 1.5 | 8 |
| 26-Jul-11 | Alec McAlister | OV-0864 | 1219407 | 1219407 | WHI11000989 | 1DX15 | 0.8 | 13 | 11.8 | 34 | <0.1 | 11.2 | 4.9 | 160 | 2.11 | 9.9 | 1.4 | 0.8 | 7 |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | | |
|-----------|----------------|---------------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | | |
| 26-Jul-11 | Alec McAlister | OV-0865 | 1219408 | 1219408 | WHI11000989 | 1DX15 | 1.1 | 19.4 | 12.5 | 59 | <0.1 | 20.5 | 7 | 240 | 2.79 | 9.1 | 0.6 | 7.9 | 11 | | |
| 26-Jul-11 | Alec McAlister | OV-0866 | 1219409 | 1219409 | WHI11000989 | 1DX15 | 1.1 | 23.1 | 12.3 | 56 | <0.1 | 18.5 | 9.3 | 357 | 3.11 | 7.9 | 1 | 8 | 8 | | |
| 26-Jul-11 | Alec McAlister | OV-0867 | 1219410 | 1219410 | WHI11000989 | 1DX15 | 1.3 | 34.8 | 16.3 | 77 | <0.1 | 24.1 | 9.6 | 311 | 3.3 | 10.8 | 2.2 | 8.6 | 11 | | |
| 26-Jul-11 | Alec McAlister | OV-0868 | 1219411 | 1219411 | WHI11000989 | 1DX15 | 0.9 | 27.1 | 11.7 | 55 | <0.1 | 20.6 | 9.3 | 218 | 2.56 | 10.1 | 11.9 | 6.5 | 7 | | |
| 26-Jul-11 | Alec McAlister | OV-0869 | 1219412 | 1219412 | WHI11000989 | 1DX15 | 1.4 | 15.2 | 16.7 | 51 | <0.1 | 14.1 | 5.5 | 197 | 3.32 | 12.1 | 1.4 | 7.2 | 10 | | |
| 26-Jul-11 | Alec McAlister | OV-0870 | 1219413 | 1219413 | WHI11000989 | 1DX15 | 1.2 | 17.5 | 17 | 60 | <0.1 | 20.3 | 8.6 | 245 | 3.17 | 14.2 | 4.2 | 5.7 | 9 | | |
| 26-Jul-11 | Alec McAlister | OV-0871 | 1219414 | 1219414 | WHI11000989 | 1DX15 | 1 | 27.5 | 12.1 | 55 | <0.1 | 17.7 | 8.6 | 302 | 2.66 | 12.1 | 3 | 6.8 | 11 | | |
| 26-Jul-11 | Alec McAlister | OV-0872 | 1219415 | 1219415 | WHI11000989 | 1DX15 | 1 | 12.1 | 12.4 | 37 | <0.1 | 11.2 | 4.6 | 178 | 2.42 | 10.2 | 1 | 2.7 | 8 | | |
| 26-Jul-11 | Alec McAlister | OV-0873 | 1219416 | 1219416 | WHI11000989 | 1DX15 | 1.5 | 11.3 | 12.7 | 42 | <0.1 | 10.7 | 5 | 255 | 2.97 | 11.6 | 2.1 | 3.4 | 10 | | |
| 26-Jul-11 | Alec McAlister | OV-0874 | 1219417 | 1219417 | WHI11000989 | 1DX15 | 1.1 | 12.8 | 11.6 | 50 | <0.1 | 12.5 | 6.3 | 306 | 2.69 | 11.1 | 1.6 | 1.6 | 8 | | |
| 26-Jul-11 | Alec McAlister | OV-0875 | 1219418 | 1219418 | WHI11000989 | 1DX15 | 1.2 | 17.1 | 12.8 | 46 | <0.1 | 13.7 | 5.6 | 201 | 2.48 | 10.8 | 0.6 | 2.1 | 10 | | |
| 26-Jul-11 | Alec McAlister | OV-0876 | 1219419 | 1219419 | WHI11000989 | 1DX15 | 1 | 26.2 | 17.2 | 63 | <0.1 | 28.4 | 11.9 | 171 | 3.23 | 12.6 | 2.2 | 9.9 | 8 | | |
| 26-Jul-11 | Alec McAlister | OV-0877 | 1219420 | 1219420 | WHI11000989 | 1DX15 | 1.1 | 12.3 | 11.9 | 42 | <0.1 | 12.4 | 5.6 | 184 | 2.5 | 9.3 | 0.7 | 5.3 | 9 | | |
| 26-Jul-11 | Alec McAlister | OV-0878 | 1219421 | 1219421 | WHI11000989 | 1DX15 | 1.1 | 21.3 | 13.4 | 44 | <0.1 | 17.7 | 7 | 164 | 2.59 | 9.6 | 2.3 | 4.8 | 11 | | |
| 26-Jul-11 | Alec McAlister | OV-0879 | 1219422 | 1219422 | WHI11000989 | 1DX15 | 1 | 7.2 | 11.2 | 34 | <0.1 | 9.6 | 3.4 | 163 | 2.41 | 13.1 | 1 | 2.2 | 7 | | |
| 26-Jul-11 | Alec McAlister | OV-0880 | 1219423 | 1219423 | WHI11000989 | 1DX15 | 0.9 | 14.8 | 11.9 | 44 | <0.1 | 16.8 | 6.9 | 207 | 2.46 | 10.8 | 1.7 | 3 | 7 | | |
| 26-Jul-11 | Alec McAlister | OV-0881 | 1219424 | 1219424 | WHI11000989 | 1DX15 | 1.1 | 15.9 | 12 | 49 | <0.1 | 14.9 | 7.6 | 306 | 2.38 | 11.2 | 2.6 | 2.3 | 12 | | |
| 26-Jul-11 | Alec McAlister | OV-0882 | 1219425 | 1219425 | WHI11000989 | 1DX15 | 0.9 | 15.2 | 13.6 | 38 | <0.1 | 12.9 | 5.6 | 178 | 2.26 | 10.1 | 3.5 | 3.5 | 8 | | |
| 26-Jul-11 | Alec McAlister | OV-0883 | 1219426 | 1219426 | WHI11000989 | 1DX15 | 0.8 | 23.3 | 11.2 | 44 | <0.1 | 13.3 | 5.8 | 205 | 2.13 | 7.5 | 4.6 | 6.8 | 10 | | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219501 | 1219501 | WHI11000989 | 1DX15 | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219502 | 1219502 | WHI11000989 | 1DX15 | 0.6 | 16.3 | 12.6 | 49 | 0.4 | 7.4 | 3 | 89 | 1.27 | 13.3 | <0.5 | 2.4 | 7 | | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219503 | 1219503 | WHI11000989 | 1DX15 | 0.7 | 15.9 | 11 | 65 | 0.3 | 10.9 | 3.3 | 98 | 1.2 | 9.5 | <0.5 | 2 | 9 | | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219504 | 1219504 | WHI11000989 | 1DX15 | 0.8 | 23.8 | 22.9 | 148 | 0.3 | 35.3 | 10.4 | 296 | 2.32 | 16.4 | 2.3 | 4 | 32 | | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219505 | 1219505 | WHI11000989 | 1DX15 | 1.1 | 32.8 | 30 | 220 | 0.3 | 22.2 | 17.7 | 686 | 2.52 | 26.3 | 0.6 | 2.7 | 13 | | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219506 | 1219506 | WHI11000989 | 1DX15 | 1.1 | 34.7 | 52.1 | 184 | 0.5 | 24.5 | 9.7 | 319 | 2.28 | 24.2 | 0.7 | 2.1 | 15 | | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219507 | 1219507 | WHI11000989 | 1DX15 | 1 | 33.3 | 38.8 | 142 | 0.5 | 22.5 | 8.7 | 283 | 2.18 | 20.9 | 3.1 | 2.4 | 15 | | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219508 | 1219508 | WHI11000989 | 1DX15 | 1 | 31 | 17.2 | 88 | <0.1 | 25.2 | 8.8 | 314 | 2.26 | 14.5 | 3.6 | 5.8 | 18 | | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219509 | 1219509 | WHI11000989 | 1DX15 | 1.1 | 33.6 | 22.7 | 145 | 0.2 | 30.3 | 8.3 | 241 | 2.28 | 18.5 | 1.3 | 4.8 | 22 | | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219510 | 1219510 | WHI11000989 | 1DX15 | 1.1 | 32.6 | 19.1 | 117 | 0.2 | 21.7 | 7.5 | 247 | 2.28 | 21.7 | 1.6 | 5.1 | 12 | | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219511 | 1219511 | WHI11000989 | 1DX15 | 1 | 41.8 | 22.4 | 181 | 0.2 | 27.2 | 11.4 | 400 | 2.71 | 26 | 2.2 | 8.1 | 20 | | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219512 | 1219512 | WHI11000989 | 1DX15 | 1.2 | 66.5 | 52.4 | 247 | 1 | 23.9 | 9 | 334 | 2.65 | 39.2 | 1.1 | 8 | 19 | | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219513 | 1219513 | WHI11000989 | 1DX15 | 1.1 | 56.2 | 74.2 | 597 | 0.3 | 23.2 | 9.2 | 397 | 2.43 | 25 | <0.5 | 8.2 | 13 | | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219514 | 1219514 | WHI11000989 | 1DX15 | 1.3 | 82.1 | 171.2 | 1417 | 2 | 53.5 | 27.2 | 1222 | 3.87 | 49.3 | <0.5 | 9.6 | 68 | | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219515 | 1219515 | WHI11000989 | 1DX15 | 2.7 | 253.4 | 84.5 | 1110 | 2.5 | 101.7 | 86.3 | 2551 | 4.2 | 62.9 | <0.5 | 15.9 | 43 | | |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219516 | 1219516 | WHI11000989 | 1DX15 | 1.4 | 131.6 | 94.1 | 569 | 1.9 | 20 | 11.6 | 533 | 2.84 | 48.4 | 7.5 | 9.2 | 15 | | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | |
|-----------|----------------|---------------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219517 | 1219517 | WHI11000989 | 1DX15 | 1 | 204.2 | 112.1 | 2128 | 1.8 | 30.9 | 20.5 | 2028 | 2.91 | 117.3 | <0.5 | 8.8 | 33 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219518 | 1219518 | WHI11000989 | 1DX15 | 0.9 | 65.3 | 70 | 399 | 1.1 | 30.4 | 14.4 | 1458 | 2.79 | 26.8 | <0.5 | 11.8 | 35 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219519 | 1219519 | WHI11000989 | 1DX15 | 0.9 | 54.9 | 84.7 | 418 | 1 | 31.2 | 12.6 | 1168 | 2.83 | 24.9 | 1.3 | 12 | 35 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219520 | 1219520 | WHI11000989 | 1DX15 | 1.1 | 38.7 | 18.4 | 167 | <0.1 | 28.1 | 12.5 | 373 | 2.74 | 38.7 | 5.1 | 8 | 17 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219521 | 1219521 | WHI11000989 | 1DX15 | 1.1 | 76.5 | 19.8 | 305 | 0.5 | 28 | 11.7 | 406 | 2.87 | 21.4 | 2.7 | 7.4 | 10 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219522 | 1219522 | WHI11000989 | 1DX15 | 1.1 | 33.3 | 19.6 | 214 | 0.3 | 22.2 | 8.9 | 323 | 2.28 | 18.8 | 2.6 | 6.2 | 18 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219523 | 1219523 | WHI11000989 | 1DX15 | 1.3 | 33.7 | 74.5 | 327 | 0.5 | 20.3 | 10.1 | 453 | 2.26 | 30.2 | 14.9 | 3.4 | 17 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219524 | 1219524 | WHI11000989 | 1DX15 | 1.3 | 25.5 | 21.1 | 262 | 0.4 | 22.5 | 13.1 | 419 | 2.13 | 31.1 | 10.5 | 4.9 | 16 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219525 | 1219525 | WHI11000989 | 1DX15 | 1 | 29.7 | 16 | 287 | 0.6 | 16.5 | 7.4 | 238 | 2.11 | 22.1 | 3.8 | 3.6 | 10 |
| 26-Jul-11 | Ryan West | OV-0898 | 1219551 | 1219551 | WHI11000989 | 1DX15 | 0.9 | 19.4 | 12.4 | 48 | <0.1 | 16.5 | 8.3 | 301 | 2.39 | 11.9 | 4.2 | 4 | 10 |
| 26-Jul-11 | Ryan West | OV-0899 | 1219552 | 1219552 | WHI11000989 | 1DX15 | 0.8 | 22.6 | 12.3 | 54 | <0.1 | 21.8 | 9.2 | 337 | 2.2 | 12.1 | 8.7 | 4.3 | 11 |
| 26-Jul-11 | Ryan West | OV-0900 | 1219553 | 1219553 | WHI11000989 | 1DX15 | 0.9 | 12.6 | 11.3 | 40 | <0.1 | 13 | 6.1 | 194 | 2.19 | 11 | 2.1 | 4.1 | 8 |
| 26-Jul-11 | Ryan West | OV-0901 | 1219554 | 1219554 | WHI11000989 | 1DX15 | 0.7 | 15.2 | 11.4 | 44 | <0.1 | 15 | 6.9 | 280 | 2.17 | 11.9 | 6.1 | 3.4 | 8 |
| 26-Jul-11 | Ryan West | OV-0902 | 1219555 | 1219555 | WHI11000989 | 1DX15 | 0.9 | 14.6 | 11.2 | 43 | <0.1 | 12.8 | 6.1 | 187 | 2.16 | 10.6 | 2.1 | 4.7 | 7 |
| 26-Jul-11 | Ryan West | OV-0903 | 1219556 | 1219556 | WHI11000989 | 1DX15 | 0.7 | 21.6 | 11 | 63 | <0.1 | 34.9 | 14.6 | 211 | 3.28 | 36.3 | 4.3 | 10.5 | 10 |
| 26-Jul-11 | Ryan West | OV-0904 | 1219557 | 1219557 | WHI11000989 | 1DX15 | 0.7 | 13.8 | 10.1 | 48 | <0.1 | 16.8 | 8.4 | 301 | 2.03 | 11 | 8.2 | 4 | 7 |
| 26-Jul-11 | Ryan West | OV-0905 | 1219558 | 1219558 | WHI11000989 | 1DX15 | 0.7 | 10.8 | 11.1 | 32 | <0.1 | 9.4 | 4 | 152 | 1.75 | 8.5 | 1.7 | 1.9 | 8 |
| 26-Jul-11 | Ryan West | OV-0906 | 1219559 | 1219559 | WHI11000989 | 1DX15 | 0.8 | 32.4 | 11.8 | 53 | <0.1 | 21.8 | 8.9 | 300 | 2.45 | 11.1 | 2.4 | 6.2 | 11 |
| 26-Jul-11 | Ryan West | OV-0907 | 1219560 | 1219560 | WHI11000989 | 1DX15 | 0.8 | 25.4 | 11.6 | 56 | <0.1 | 22.4 | 9.8 | 336 | 2.44 | 7.5 | 1.5 | 6.9 | 11 |
| 26-Jul-11 | Ryan West | OV-0908 | 1219561 | 1219561 | WHI11000989 | 1DX15 | 0.7 | 11.4 | 11.1 | 37 | <0.1 | 10.8 | 4.9 | 151 | 1.87 | 8.4 | 3.4 | 3.7 | 8 |
| 26-Jul-11 | Ryan West | OV-0909 | 1219562 | 1219562 | WHI11000989 | 1DX15 | 0.9 | 14.2 | 10.7 | 37 | <0.1 | 13.4 | 4.4 | 132 | 2.01 | 6.8 | 1.6 | 5.3 | 8 |
| 22-Jul-11 | Kevin Trudel | OV-0421 | 1219651 | 1219651 | WHI11000908 | 1DX15 | 0.8 | 17 | 14.9 | 50 | <0.1 | 15.6 | 5.6 | 209 | 2.09 | 9.1 | 6.5 | 2.3 | 7 |
| 22-Jul-11 | Kevin Trudel | OV-0422 | 1219652 | 1219652 | WHI11000908 | 1DX15 | 0.6 | 19.5 | 13.5 | 49 | <0.1 | 15.1 | 5.3 | 174 | 1.99 | 6.4 | 3.7 | 2.9 | 8 |
| 22-Jul-11 | Kevin Trudel | OV-0423 | 1219653 | 1219653 | WHI11000908 | 1DX15 | 0.8 | 15.2 | 11 | 50 | <0.1 | 15.2 | 6.6 | 222 | 2.13 | 9.9 | 1.4 | 1.5 | 7 |
| 22-Jul-11 | Kevin Trudel | OV-0424 | 1219654 | 1219654 | WHI11000908 | 1DX15 | 0.8 | 14.3 | 10.9 | 47 | <0.1 | 14.8 | 6 | 270 | 1.91 | 10.4 | 0.8 | 1.2 | 6 |
| 22-Jul-11 | Kevin Trudel | OV-0425 | 1219655 | 1219655 | WHI11000908 | 1DX15 | 1.1 | 17.1 | 17.2 | 57 | <0.1 | 16.8 | 7.1 | 273 | 2.66 | 16.4 | 4.5 | 0.6 | 7 |
| 22-Jul-11 | Kevin Trudel | OV-0426 | 1219656 | 1219656 | WHI11000908 | 1DX15 | 1.1 | 22.5 | 13.3 | 60 | <0.1 | 19.9 | 6.9 | 249 | 2.28 | 12.2 | 8.4 | 1.9 | 9 |
| 22-Jul-11 | Kevin Trudel | OV-0427 | 1219657 | 1219657 | WHI11000908 | 1DX15 | 0.9 | 23.9 | 11.9 | 50 | <0.1 | 18.4 | 5.4 | 183 | 2.08 | 9.5 | 7.1 | 2.2 | 8 |
| 22-Jul-11 | Kevin Trudel | OV-0428 | 1219658 | 1219658 | WHI11000908 | 1DX15 | 0.6 | 11.4 | 11.1 | 41 | <0.1 | 12.9 | 5 | 199 | 1.99 | 9.5 | 0.8 | 1.3 | 7 |
| 22-Jul-11 | Kevin Trudel | OV-0429 | 1219659 | 1219659 | WHI11000908 | 1DX15 | 0.5 | 17.1 | 13.8 | 49 | <0.1 | 15.1 | 7 | 174 | 2.28 | 7.2 | <0.5 | 8.1 | 7 |
| 22-Jul-11 | Kevin Trudel | OV-0430 | 1219660 | 1219660 | WHI11000908 | 1DX15 | 0.6 | 24 | 10.3 | 57 | <0.1 | 22.5 | 6.6 | 240 | 2.06 | 6.7 | 1.4 | 4.2 | 9 |
| 22-Jul-11 | Kevin Trudel | OV-0431 | 1219661 | 1219661 | WHI11000908 | 1DX15 | 0.6 | 22.6 | 10.1 | 56 | <0.1 | 22.5 | 7.3 | 266 | 2.03 | 5.9 | 1.2 | 3.4 | 7 |
| 22-Jul-11 | Kevin Trudel | OV-0432 | 1219662 | 1219662 | WHI11000908 | 1DX15 | 0.2 | 42.6 | 10.4 | 62 | <0.1 | 27.9 | 9.6 | 163 | 2.37 | 7.6 | 1.2 | 12.1 | 13 |
| 22-Jul-11 | Kevin Trudel | OV-0433 | 1219663 | 1219663 | WHI11000908 | 1DX15 | 0.4 | 25.2 | 17.5 | 57 | <0.1 | 18.5 | 9.5 | 277 | 2.44 | 7.7 | <0.5 | 10.6 | 10 |
| 22-Jul-11 | Kevin Trudel | OV-0434 | 1219664 | 1219664 | WHI11000908 | 1DX15 | 0.5 | 14.5 | 9.8 | 41 | <0.1 | 12.7 | 4.7 | 168 | 1.78 | 6.6 | 14.6 | 5.5 | 9 |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|--------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 22-Jul-11 | Kevin Trudel | OV-0435 | 1219665 | 1219665 | WHI11000908 | 1DX15 | 0.6 | 21.5 | 11.9 | 49 | <0.1 | 15.8 | 6 | 203 | 2.17 | 7.2 | 1.5 | 6 | 9 | |
| 22-Jul-11 | Kevin Trudel | OV-0436 | 1219666 | 1219666 | WHI11000908 | 1DX15 | 0.5 | 25.8 | 13.7 | 56 | <0.1 | 20.8 | 11.9 | 682 | 3.15 | 7.5 | 4.7 | 10.2 | 9 | |
| 22-Jul-11 | Kevin Trudel | OV-0437 | 1219667 | 1219667 | WHI11000908 | 1DX15 | 0.6 | 35.4 | 13.4 | 60 | <0.1 | 22.5 | 7.3 | 248 | 2.46 | 5.9 | 0.6 | 12.4 | 11 | |
| 22-Jul-11 | Kevin Trudel | OV-0438 | 1219668 | 1219668 | WHI11000908 | 1DX15 | 0.7 | 16.1 | 11.1 | 51 | <0.1 | 15.6 | 6.3 | 338 | 2.07 | 7 | 2.5 | 3.8 | 9 | |
| 22-Jul-11 | Kevin Trudel | OV-0439 | 1219669 | 1219669 | WHI11000908 | 1DX15 | 0.7 | 15.7 | 9.5 | 42 | 0.1 | 14.9 | 5.2 | 163 | 1.89 | 6.8 | 1.1 | 2.3 | 8 | |
| 22-Jul-11 | Kevin Trudel | OV-0440 | 1219670 | 1219670 | WHI11000908 | 1DX15 | 0.8 | 17.6 | 9.1 | 48 | <0.1 | 15.3 | 5.4 | 172 | 2.14 | 6.5 | 1.1 | 2 | 9 | |
| 22-Jul-11 | Kevin Trudel | OV-0441 | 1219671 | 1219671 | WHI11000908 | 1DX15 | 0.8 | 24.2 | 9.4 | 44 | <0.1 | 14.9 | 6.9 | 218 | 2.11 | 9.5 | 0.8 | 3.1 | 8 | |
| 22-Jul-11 | Kevin Trudel | OV-0442 | 1219672 | 1219672 | WHI11000908 | 1DX15 | 0.9 | 16.6 | 10.3 | 51 | <0.1 | 16.9 | 6.5 | 245 | 2.22 | 8.9 | 1.1 | 3.4 | 10 | |
| 22-Jul-11 | Kevin Trudel | OV-0443 | 1219673 | 1219673 | WHI11000908 | 1DX15 | 0.8 | 20.5 | 12.3 | 56 | <0.1 | 16.9 | 6.7 | 215 | 2.46 | 8.4 | 0.6 | 5.4 | 7 | |
| 22-Jul-11 | Kevin Trudel | OV-0444 | 1219674 | 1219674 | WHI11000908 | 1DX15 | 0.7 | 19 | 10.3 | 49 | <0.1 | 15.8 | 5.7 | 187 | 2.16 | 8.5 | 0.9 | 2 | 7 | |
| 22-Jul-11 | Kevin Trudel | OV-0445 | 1219675 | 1219675 | WHI11000908 | 1DX15 | 0.7 | 20.1 | 9.9 | 40 | 0.2 | 15.4 | 5.2 | 146 | 1.92 | 8.1 | 10.7 | 3.1 | 5 | |
| 22-Jul-11 | Kevin Trudel | OV-0446 | 1219676 | 1219676 | WHI11000908 | 1DX15 | 0.8 | 28.5 | 13.1 | 63 | <0.1 | 24.5 | 10.5 | 334 | 2.42 | 10.4 | 1.2 | 6.4 | 10 | |
| 22-Jul-11 | Kevin Trudel | OV-0447 | 1219677 | 1219677 | WHI11000908 | 1DX15 | 0.9 | 27 | 11.5 | 53 | <0.1 | 19.3 | 8.6 | 256 | 2.56 | 10.4 | 2.3 | 1.4 | 7 | |
| 22-Jul-11 | Kevin Trudel | OV-0448 | 1219678 | 1219678 | WHI11000908 | 1DX15 | 0.8 | 54.3 | 11.3 | 64 | <0.1 | 27.5 | 10.5 | 166 | 2.69 | 5.6 | 2.9 | 6.3 | 10 | |
| 22-Jul-11 | Kevin Trudel | OV-0449 | 1219679 | 1219679 | WHI11000908 | 1DX15 | 0.9 | 42.8 | 7.7 | 61 | <0.1 | 31.2 | 14.3 | 302 | 3.32 | 8.5 | 30.6 | 6.3 | 7 | |
| 22-Jul-11 | Kevin Trudel | OV-0450 | 1219680 | 1219680 | WHI11000908 | 1DX15 | 1.2 | 28 | 23.6 | 51 | <0.1 | 21.2 | 9.5 | 413 | 2.68 | 10.4 | 1.3 | 3.1 | 7 | |
| 22-Jul-11 | Kevin Trudel | OV-0451 | 1219681 | 1219681 | WHI11000908 | 1DX15 | 0.8 | 28.1 | 15.8 | 52 | <0.1 | 20.4 | 8.5 | 460 | 2.16 | 10.7 | 1.2 | 1 | 9 | |
| 22-Jul-11 | Kevin Trudel | OV-0452 | 1219682 | 1219682 | WHI11000908 | 1DX15 | 0.8 | 29.1 | 23.1 | 60 | <0.1 | 20.6 | 8.7 | 320 | 2.35 | 11.1 | 0.6 | 1.7 | 9 | |
| 22-Jul-11 | Kevin Trudel | OV-0453 | 1219683 | 1219683 | WHI11000908 | 1DX15 | 0.8 | 28.1 | 16.5 | 57 | <0.1 | 25.8 | 9.7 | 350 | 2.33 | 9.5 | 1.4 | 3.1 | 13 | |
| 22-Jul-11 | Kevin Trudel | OV-0454 | 1219684 | 1219684 | WHI11000908 | 1DX15 | 0.8 | 36 | 33.3 | 65 | 0.1 | 26.1 | 8.9 | 287 | 3.01 | 10.3 | 2.6 | 4.4 | 10 | |
| 22-Jul-11 | Kevin Trudel | OV-0455 | 1219685 | 1219685 | WHI11000908 | 1DX15 | 0.9 | 28.6 | 73 | 78 | 0.1 | 28 | 10.8 | 991 | 3.19 | 7.6 | 1.5 | 3.2 | 12 | |
| 22-Jul-11 | Kevin Trudel | OV-0456 | 1219686 | 1219686 | WHI11000908 | 1DX15 | 0.6 | 52.1 | 49.4 | 108 | 0.1 | 49.3 | 23.5 | 739 | 4.01 | 8.9 | 0.8 | 14.5 | 12 | |
| 22-Jul-11 | Kevin Trudel | OV-0457 | 1219687 | 1219687 | WHI11000908 | 1DX15 | 0.9 | 38.9 | 16.2 | 70 | <0.1 | 28.8 | 10.1 | 332 | 2.98 | 10.2 | 2.2 | 3.3 | 10 | |
| 22-Jul-11 | Kevin Trudel | OV-0458 | 1219688 | 1219688 | WHI11000908 | 1DX15 | 0.8 | 29.5 | 18.7 | 62 | <0.1 | 23.3 | 8.5 | 278 | 2.5 | 7 | 1 | 3.2 | 9 | |
| 22-Jul-11 | Kevin Trudel | OV-0459 | 1219689 | 1219689 | WHI11000908 | 1DX15 | 0.7 | 20.5 | 12.5 | 51 | <0.1 | 18.5 | 7.2 | 216 | 2.23 | 7.7 | 2.2 | 2.9 | 9 | |
| 22-Jul-11 | Kevin Trudel | OV-0460 | 1219690 | 1219690 | WHI11000908 | 1DX15 | 0.7 | 34.1 | 16.5 | 70 | <0.1 | 30.7 | 13 | 412 | 2.94 | 11.4 | 1.2 | 8.6 | 9 | |
| 23-Jul-11 | Kevin Trudel | OV-0960 | 1219691 | 1219691 | WHI11000905 | 1DX15 | 0.7 | 25.2 | 13.2 | 57 | <0.1 | 17.7 | 7.1 | 211 | 2.26 | 9.2 | 3.2 | 3.2 | 7 | |
| 23-Jul-11 | Kevin Trudel | OV-0961 | 1219692 | 1219692 | WHI11000905 | 1DX15 | 0.8 | 19.5 | 11.3 | 55 | <0.1 | 16.7 | 6.3 | 191 | 2.15 | 9.5 | 4.3 | 2.5 | 9 | |
| 23-Jul-11 | Kevin Trudel | OV-0962 | 1219693 | 1219693 | WHI11000905 | 1DX15 | 0.8 | 23.4 | 13.7 | 55 | <0.1 | 16.5 | 6.6 | 189 | 2.09 | 8.5 | 3 | 3.1 | 7 | |
| 23-Jul-11 | Kevin Trudel | OV-0963 | 1219694 | 1219694 | WHI11000906 | 1DX15 | 0.8 | 19.1 | 10.8 | 58 | <0.1 | 17.3 | 5.9 | 200 | 2.12 | 9.7 | 3.4 | 2.5 | 8 | |
| 23-Jul-11 | Kevin Trudel | OV-0964 | 1219695 | 1219695 | WHI11000906 | 1DX15 | 0.8 | 15.8 | 10.7 | 48 | <0.1 | 14.7 | 5.6 | 180 | 2.01 | 11.5 | 4.5 | 1.8 | 7 | |
| 23-Jul-11 | Kevin Trudel | OV-0965 | 1219696 | 1219696 | WHI11000906 | 1DX15 | 1 | 29 | 19.4 | 68 | <0.1 | 22.7 | 9 | 317 | 2.59 | 12.6 | 2.4 | 3.9 | 9 | |
| 23-Jul-11 | Kevin Trudel | OV-0966 | 1219697 | 1219697 | WHI11000906 | 1DX15 | 0.9 | 21.6 | 13 | 65 | <0.1 | 19.6 | 8.1 | 319 | 2.39 | 13.8 | 9.4 | 2 | 9 | |
| 23-Jul-11 | Kevin Trudel | OV-0967 | 1219698 | 1219698 | WHI11000906 | 1DX15 | 1.1 | 30.9 | 18.2 | 81 | <0.1 | 29.7 | 14.7 | 600 | 2.74 | 15.4 | 3.3 | 4.5 | 11 | |
| 23-Jul-11 | Kevin Trudel | OV-0968 | 1219699 | 1219699 | WHI11000906 | 1DX15 | 0.8 | 24.1 | 13.3 | 55 | <0.1 | 17.8 | 9.4 | 556 | 2.05 | 11.3 | 5.1 | 2 | 9 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | MDL | | | | | | | | | | | | | |
|-----------|--------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm | |
| 23-Jul-11 | Kevin Trudel | OV-0969 | 1219700 | 1219700 | WHI11000906 | 1DX15 | 0.9 | 17.8 | 9.9 | 44 | <0.1 | 13.8 | 5.9 | 356 | 2.12 | 10.2 | 14.5 | 0.4 | 7 | |
| 23-Jul-11 | Kevin Trudel | OV-0970 | 1219701 | 1219701 | WHI11000906 | 1DX15 | 0.7 | 27.1 | 13.1 | 60 | 0.1 | 19.3 | 9.1 | 301 | 2.53 | 12.4 | 1.9 | 5 | 6 | |
| 23-Jul-11 | Kevin Trudel | OV-0971 | 1219702 | 1219702 | WHI11000906 | 1DX15 | 0.7 | 29.5 | 12.4 | 59 | 0.1 | 21.3 | 7.7 | 241 | 2.54 | 9.5 | 1.9 | 2.4 | 7 | |
| 23-Jul-11 | Kevin Trudel | OV-0972 | 1219703 | 1219703 | WHI11000906 | 1DX15 | 0.7 | 13.2 | 11.3 | 33 | <0.1 | 10.4 | 3.7 | 94 | 1.86 | 8.1 | 2.5 | 0.3 | 5 | |
| 23-Jul-11 | Kevin Trudel | OV-0973 | 1219704 | 1219704 | WHI11000906 | 1DX15 | 0.6 | 28.9 | 13.1 | 57 | 0.1 | 20.3 | 9.7 | 428 | 2.5 | 9.2 | 3.8 | 5.6 | 6 | |
| 23-Jul-11 | Kevin Trudel | OV-0974 | 1219705 | 1219705 | WHI11000906 | 1DX15 | 0.9 | 25.9 | 13.6 | 55 | 0.1 | 19.9 | 10.2 | 351 | 2.75 | 9.8 | 2.8 | 3 | 6 | |
| 23-Jul-11 | Kevin Trudel | OV-0975 | 1219706 | 1219706 | WHI11000906 | 1DX15 | 0.7 | 23.1 | 8.4 | 55 | 0.1 | 18.1 | 6.9 | 231 | 2.28 | 9.2 | 3.1 | 2.5 | 7 | |
| 23-Jul-11 | Kevin Trudel | OV-0976 | 1219707 | 1219707 | WHI11000906 | 1DX15 | 1.1 | 28.6 | 13 | 73 | <0.1 | 25.5 | 8.6 | 260 | 2.8 | 10.4 | 3.6 | 2.6 | 8 | |
| 23-Jul-11 | Kevin Trudel | OV-0977 | 1219708 | 1219708 | WHI11000906 | 1DX15 | 1.1 | 42.1 | 12.7 | 71 | 0.2 | 26.2 | 10.7 | 341 | 3.16 | 11.2 | 4.8 | 3.1 | 8 | |
| 23-Jul-11 | Kevin Trudel | OV-0978 | 1219709 | 1219709 | WHI11000906 | 1DX15 | 0.9 | 23.6 | 10.5 | 62 | <0.1 | 21.2 | 8.6 | 370 | 2.29 | 9.5 | 9.6 | 2.7 | 8 | |
| 23-Jul-11 | Kevin Trudel | OV-0979 | 1219710 | 1219710 | WHI11000906 | 1DX15 | 1 | 26.4 | 11.9 | 57 | 0.1 | 18.8 | 7.5 | 255 | 2.35 | 10.6 | 2.9 | 1.6 | 7 | |
| 23-Jul-11 | Kevin Trudel | OV-0980 | 1219711 | 1219711 | WHI11000906 | 1DX15 | 0.8 | 31.5 | 13.7 | 64 | 0.1 | 25.6 | 13.5 | 554 | 2.5 | 11.8 | 2.3 | 3.9 | 8 | |
| 23-Jul-11 | Kevin Trudel | OV-0981 | 1219712 | 1219712 | WHI11000906 | 1DX15 | 0.9 | 31.7 | 14.6 | 69 | 0.2 | 26.3 | 9.4 | 336 | 2.85 | 12.5 | 3 | 3.5 | 8 | |
| 23-Jul-11 | Kevin Trudel | OV-0982 | 1219713 | 1219713 | WHI11000906 | 1DX15 | 0.9 | 23.7 | 11.7 | 51 | 0.1 | 16.4 | 6.4 | 217 | 2.13 | 10.4 | 4.6 | 1 | 7 | |
| 23-Jul-11 | Kevin Trudel | OV-0983 | 1219714 | 1219714 | WHI11000906 | 1DX15 | 0.4 | 32.9 | 9.2 | 52 | <0.1 | 22.6 | 7 | 275 | 2.05 | 5.4 | 1.2 | 5.3 | 7 | |
| 23-Jul-11 | Kevin Trudel | OV-0984 | 1219715 | 1219715 | WHI11000906 | 1DX15 | 0.3 | 13.2 | 7.6 | 46 | <0.1 | 22.8 | 8.9 | 751 | 1.65 | 0.8 | <0.5 | 17.9 | 58 | |
| 23-Jul-11 | Kevin Trudel | OV-0985 | 1219716 | 1219716 | WHI11000906 | 1DX15 | 0.2 | 43.4 | 9.4 | 47 | <0.1 | 23.5 | 9.1 | 715 | 1.78 | 0.5 | 0.7 | 15.7 | 48 | |
| 23-Jul-11 | Kevin Trudel | OV-0986 | 1219717 | 1219717 | WHI11000906 | 1DX15 | 0.3 | 113.9 | 16.5 | 58 | <0.1 | 34.7 | 12.8 | 1036 | 2.4 | 0.6 | 2.5 | 18.9 | 68 | |
| 23-Jul-11 | Kevin Trudel | OV-0987 | 1219718 | 1219718 | WHI11000906 | 1DX15 | 0.5 | 37.4 | 8.8 | 54 | <0.1 | 34.3 | 10.3 | 452 | 2.14 | 2.8 | 1 | 4.8 | 11 | |
| 23-Jul-11 | Kevin Trudel | OV-0988 | 1219719 | 1219719 | WHI11000906 | 1DX15 | 0.7 | 26.4 | 11 | 51 | <0.1 | 19.6 | 8.3 | 316 | 2.01 | 9.7 | 2.8 | 3.3 | 8 | |
| 23-Jul-11 | Kevin Trudel | OV-0989 | 1219720 | 1219720 | WHI11000906 | 1DX15 | 0.8 | 16.9 | 12.6 | 42 | <0.1 | 15.6 | 6.9 | 222 | 2.03 | 10.6 | 2.2 | 0.9 | 9 | |
| 23-Jul-11 | Kevin Trudel | OV-0990 | 1219721 | 1219721 | WHI11000906 | 1DX15 | 1.7 | 36.1 | 14.9 | 56 | <0.1 | 26.7 | 9.3 | 457 | 2.47 | 8.7 | 9.5 | 4.2 | 8 | |
| 23-Jul-11 | Kevin Trudel | OV-0991 | 1219722 | 1219722 | WHI11000906 | 1DX15 | 0.6 | 31.8 | 8 | 51 | <0.1 | 25.6 | 7.2 | 332 | 2.03 | 3.1 | 4.2 | 4.1 | 9 | |
| 23-Jul-11 | Kevin Trudel | OV-0992 | 1219723 | 1219723 | WHI11000906 | 1DX15 | 0.5 | 30.9 | 10.3 | 44 | <0.1 | 19.6 | 7.9 | 603 | 1.88 | 4.6 | 1.8 | 5.2 | 18 | |
| 23-Jul-11 | Kevin Trudel | OV-0993 | 1219724 | 1219724 | WHI11000906 | 1DX15 | 0.9 | 42.2 | 11.6 | 53 | <0.1 | 21.7 | 10.3 | 375 | 2.37 | 7.4 | 2.6 | 4 | 7 | |
| 23-Jul-11 | Kevin Trudel | OV-0994 | 1219725 | 1219725 | WHI11000906 | 1DX15 | 0.6 | 25.1 | 9.5 | 48 | <0.1 | 21.4 | 8.4 | 417 | 2.18 | 7.4 | 4.4 | 2.5 | 10 | |
| 23-Jul-11 | Kevin Trudel | OV-0995 | 1219726 | 1219726 | WHI11000906 | 1DX15 | 0.9 | 25.9 | 20.6 | 51 | <0.1 | 19.1 | 6.8 | 238 | 2.24 | 9.8 | 1.6 | 1.3 | 10 | |
| 23-Jul-11 | Kevin Trudel | OV-0996 | 1219727 | 1219727 | WHI11000906 | 1DX15 | 0.7 | 19.4 | 10.4 | 43 | <0.1 | 16.1 | 7 | 315 | 2.16 | 10.5 | 2.5 | 1.3 | 8 | |
| 23-Jul-11 | Kevin Trudel | OV-0997 | 1219728 | 1219728 | WHI11000906 | 1DX15 | 0.7 | 14.3 | 9.1 | 35 | <0.1 | 13.4 | 5.6 | 185 | 1.93 | 10 | 3.6 | 1.4 | 8 | |
| 23-Jul-11 | Kevin Trudel | OV-0998 | 1219729 | 1219729 | WHI11000906 | 1DX15 | 0.9 | 44.7 | 16.1 | 47 | <0.1 | 24.9 | 8.4 | 497 | 2.42 | 8 | 2.5 | 4.3 | 11 | |
| 23-Jul-11 | Kevin Trudel | OV-0999 | 1219730 | 1219730 | WHI11000906 | 1DX15 | 0.4 | 49.4 | 13.3 | 65 | <0.1 | 28.9 | 12.9 | 574 | 2.77 | 2.8 | 1.8 | 16.5 | 16 | |
| 23-Jul-11 | Kevin Trudel | OV-1000 | 1219731 | 1219731 | WHI11000906 | 1DX15 | 0.2 | 73.1 | 7.7 | 50 | <0.1 | 22.6 | 9.3 | 557 | 1.7 | 0.8 | <0.5 | 22.3 | 53 | |
| 23-Jul-11 | Kevin Trudel | OV-1001 | 1219732 | 1219732 | WHI11000906 | 1DX15 | 1 | 17.4 | 14.3 | 38 | 0.1 | 15 | 5.8 | 242 | 2.23 | 10.9 | 3.6 | 1 | 11 | |
| 23-Jul-11 | Kevin Trudel | OV-1002 | 1219733 | 1219733 | WHI11000906 | 1DX15 | 0.7 | 60.3 | 11.9 | 82 | 0.2 | 35.6 | 15.6 | 1224 | 2.92 | 2.4 | 7.3 | 18.3 | 16 | |
| 23-Jul-11 | Kevin Trudel | OV-1003 | 1219734 | 1219734 | WHI11000906 | 1DX15 | 0.8 | 68.7 | 10.5 | 55 | <0.1 | 22.2 | 8.9 | 419 | 2.42 | 8.7 | 2.6 | 5.6 | 11 | |

| Date | Soil Sampler | Station | Lab Tag Number | Lab_ID | Certificate | Method | Mo_ppm | Cu_ppm | Pb_ppm | Zn_ppm | Ag_ppm | Ni_ppm | Co_ppm | Mn_ppm | Fe_pct | As_ppm | Au_ppb | Th_ppm | Sr_ppm |
|-----------|--------------|---------|----------------|---------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 23-Jul-11 | Kevin Trudel | OV-1004 | 1219735 | 1219735 | WHI11000906 | 1DX15 | 0.7 | 41.1 | 9.4 | 62 | <0.1 | 26.8 | 9.4 | 367 | 2.34 | 5.7 | 1.2 | 7.7 | 9 |
| 23-Jul-11 | Kevin Trudel | OV-1005 | 1219736 | 1219736 | WHI11000906 | 1DX15 | 1 | 33.5 | 11.6 | 48 | <0.1 | 17.6 | 8.1 | 282 | 2.21 | 9.5 | 3.6 | 2.4 | 7 |
| 23-Jul-11 | Kevin Trudel | OV-1006 | 1219737 | 1219737 | WHI11000906 | 1DX15 | 1 | 26.1 | 10.2 | 62 | <0.1 | 22.8 | 9.6 | 297 | 2.57 | 9.1 | 1.8 | 3.8 | 9 |
| 23-Jul-11 | Kevin Trudel | OV-1007 | 1219738 | 1219738 | WHI11000906 | 1DX15 | 0.9 | 31.3 | 13.1 | 65 | <0.1 | 24.1 | 9.9 | 304 | 2.6 | 9.8 | 1.4 | 5.5 | 8 |
| 23-Jul-11 | Kevin Trudel | OV-1008 | 1219739 | 1219739 | WHI11000906 | 1DX15 | 1 | 29.7 | 12.1 | 67 | <0.1 | 25.8 | 11.4 | 336 | 2.57 | 10.5 | 2.8 | 5.3 | 9 |



| |
|--------------------|
| Property: |
| Project Geologist: |
| GPS Datum & Zone: |
| Lab: |

1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15 1DX15
 Cd Sb Bi V Ca P La Cr Mg Ba Ti B Al Na K W Hg Sc
 PPM PPM PPM % % PPM PPM % PPM % PPM % % % PPM PPM PPM PPM

0.1 0.1 0.1 2 0.01 0.001 1 1 0.01 1 0.001 1 0.01 0.001 0.01 0.1 0.01 0.1
 Cd_ppm Sb_ppm Bi_ppm V_ppm Ca_pct P_pct La_ppm Cr_ppm Mg_pct Ba_ppm Ti_pct B_ppm Al_pct Na_pct K_pct W_ppm Hg_ppm Sc_ppm

| Date | Soil Sampler | Station | Lab Tag Number | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
|-----------|----------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|--------|--------|--------|
| 27-Jul-11 | Michael Glynn | | 1207751 | 0.3 | 1 | 266.1 | 36 | 0.04 | 0.064 | 33 | 25 | 0.2 | 89 | 0.019 | <1 | 1.1 | 0.005 | 0.14 | >100.0 | <0.01 | 3.4 |
| 9-Jul-11 | Andrew Blampin | | 1217001 | <0.1 | 3 | 0.2 | 22 | 0.73 | 0.061 | 36 | 20 | 0.37 | 140 | 0.01 | 2 | 1.06 | 0.005 | 0.06 | 0.3 | 0.06 | 2.8 |
| 9-Jul-11 | Andrew Blampin | | 1217002 | 0.2 | 1.8 | 0.2 | 22 | 0.26 | 0.053 | 36 | 21 | 0.4 | 174 | 0.017 | 1 | 1.13 | 0.005 | 0.06 | 0.2 | 0.03 | 2.3 |
| 9-Jul-11 | Andrew Blampin | | 1217003 | 0.2 | 1.9 | 0.2 | 30 | 0.36 | 0.051 | 32 | 24 | 0.39 | 209 | 0.03 | <1 | 1.29 | 0.008 | 0.08 | 0.4 | 0.04 | 2.5 |
| 9-Jul-11 | Andrew Blampin | | 1217004 | 0.2 | 1.8 | 0.2 | 24 | 0.24 | 0.047 | 37 | 22 | 0.4 | 206 | 0.023 | 1 | 1.12 | 0.005 | 0.07 | 0.3 | 0.03 | 2.4 |
| 9-Jul-11 | Andrew Blampin | | 1217005 | <0.1 | 2.1 | 0.2 | 26 | 0.32 | 0.056 | 35 | 23 | 0.4 | 144 | 0.021 | 3 | 1.24 | 0.006 | 0.08 | 0.3 | 0.06 | 2.9 |
| 9-Jul-11 | Andrew Blampin | | 1217006 | 0.2 | 2.5 | 0.2 | 26 | 0.34 | 0.063 | 33 | 21 | 0.39 | 164 | 0.021 | <1 | 1.16 | 0.007 | 0.08 | 0.5 | 0.05 | 2.6 |
| 9-Jul-11 | Andrew Blampin | | 1217007 | 0.2 | 2.7 | 0.2 | 27 | 0.34 | 0.065 | 32 | 21 | 0.41 | 154 | 0.026 | <1 | 1.11 | 0.007 | 0.08 | 0.7 | 0.05 | 2.4 |
| 9-Jul-11 | Andrew Blampin | | 1217008 | 0.1 | 1.8 | 0.1 | 27 | 0.08 | 0.024 | 26 | 22 | 0.36 | 112 | 0.021 | <1 | 1.19 | 0.004 | 0.05 | 0.6 | 0.03 | 2 |
| 9-Jul-11 | Andrew Blampin | | 1217009 | 0.1 | 2.3 | 0.2 | 26 | 0.23 | 0.05 | 33 | 21 | 0.41 | 156 | 0.021 | <1 | 1.16 | 0.006 | 0.07 | 0.6 | 0.05 | 2.8 |
| 9-Jul-11 | Andrew Blampin | | 1217010 | 0.2 | 3 | 0.2 | 32 | 0.4 | 0.065 | 30 | 24 | 0.44 | 208 | 0.033 | 2 | 1.3 | 0.009 | 0.1 | 0.7 | 0.06 | 2.8 |
| 9-Jul-11 | Andrew Blampin | | 1217011 | 0.1 | 2 | 0.2 | 21 | 0.16 | 0.042 | 37 | 18 | 0.33 | 111 | 0.014 | <1 | 1.11 | 0.006 | 0.06 | 0.3 | 0.03 | 2.2 |
| 9-Jul-11 | Andrew Blampin | | 1217012 | 0.1 | 1.5 | 0.1 | 31 | 0.1 | 0.028 | 23 | 22 | 0.35 | 136 | 0.016 | <1 | 1.23 | 0.004 | 0.07 | 0.4 | 0.02 | 1.6 |
| 9-Jul-11 | Andrew Blampin | | 1217013 | <0.1 | 0.8 | 0.2 | 9 | 0.18 | 0.018 | 53 | 10 | 0.09 | 128 | <0.001 | <1 | 0.58 | 0.005 | 0.07 | <0.1 | 0.23 | 2.1 |
| 9-Jul-11 | Andrew Blampin | | 1217014 | <0.1 | 0.4 | 0.3 | 9 | 0.18 | 0.031 | 38 | 10 | 0.18 | 120 | 0.003 | <1 | 0.68 | 0.003 | 0.05 | 0.1 | 0.06 | 1.1 |
| 9-Jul-11 | Andrew Blampin | | 1217015 | <0.1 | 2.2 | 0.4 | 19 | 0.06 | 0.032 | 43 | 13 | 0.23 | 92 | 0.006 | 1 | 1 | 0.004 | 0.06 | 0.1 | 0.04 | 1 |
| 9-Jul-11 | Andrew Blampin | | 1217016 | <0.1 | 0.4 | 0.3 | 21 | 0.06 | 0.036 | 28 | 13 | 0.19 | 84 | 0.006 | <1 | 0.86 | 0.003 | 0.04 | <0.1 | 0.02 | 0.7 |
| 9-Jul-11 | Andrew Blampin | | 1217017 | <0.1 | 0.5 | 0.3 | 11 | 0.04 | 0.042 | 30 | 12 | 0.22 | 74 | <0.001 | <1 | 0.73 | 0.005 | 0.07 | <0.1 | 0.17 | 1.5 |
| 9-Jul-11 | Andrew Blampin | | 1217018 | <0.1 | 0.3 | 0.4 | 6 | 0.08 | 0.035 | 35 | 11 | 0.29 | 72 | 0.001 | <1 | 0.78 | 0.008 | 0.06 | <0.1 | 0.15 | 0.9 |
| 9-Jul-11 | Andrew Blampin | | 1217019 | <0.1 | 0.6 | 0.6 | 13 | 0.06 | 0.038 | 39 | 15 | 0.46 | 109 | 0.004 | <1 | 1.23 | 0.005 | 0.06 | 0.1 | 0.04 | 1 |
| 9-Jul-11 | Andrew Blampin | | 1217020 | <0.1 | 0.5 | 0.4 | 20 | 0.04 | 0.028 | 29 | 17 | 0.4 | 77 | 0.004 | <1 | 1.35 | 0.003 | 0.05 | 0.2 | 0.02 | 1.2 |
| 9-Jul-11 | Andrew Blampin | | 1217021 | 0.1 | 0.5 | 0.4 | 17 | 0.19 | 0.042 | 25 | 16 | 0.37 | 90 | 0.002 | 1 | 1.11 | 0.007 | 0.07 | <0.1 | 0.07 | 1.9 |
| 9-Jul-11 | Andrew Blampin | | 1217022 | 0.1 | 0.5 | 0.2 | 12 | 0.1 | 0.025 | 25 | 11 | 0.13 | 131 | 0.002 | <1 | 0.65 | 0.005 | 0.04 | 0.2 | 0.2 | 1.6 |
| 9-Jul-11 | Andrew Blampin | | 1217023 | 0.1 | 0.3 | 0.4 | 9 | 0.05 | 0.026 | 25 | 7 | 0.04 | 84 | <0.001 | <1 | 0.21 | 0.004 | 0.03 | <0.1 | 0.46 | 1.7 |
| 9-Jul-11 | Andrew Blampin | | 1217024 | <0.1 | 0.7 | 0.2 | 20 | 0.11 | 0.026 | 19 | 15 | 0.26 | 159 | 0.009 | <1 | 0.84 | 0.004 | 0.03 | 0.2 | 0.04 | 1.5 |
| 9-Jul-11 | Andrew Blampin | | 1217025 | 0.2 | 0.8 | 0.3 | 19 | 0.2 | 0.049 | 20 | 16 | 0.29 | 138 | 0.012 | 1 | 0.79 | 0.006 | 0.08 | 0.2 | 0.08 | 1.7 |
| 9-Jul-11 | Andrew Blampin | | 1217026 | <0.1 | 1.8 | 0.2 | 22 | 0.23 | 0.044 | 20 | 19 | 0.31 | 120 | 0.014 | <1 | 0.84 | 0.005 | 0.06 | 0.4 | 0.03 | 2.2 |
| 15-Jul-11 | Andrew Blampin | OV-0040 | 1217029 | 0.3 | 1.1 | 0.1 | 36 | 0.22 | 0.064 | 12 | 19 | 0.33 | 293 | 0.019 | 1 | 0.83 | 0.005 | 0.04 | 0.1 | 0.03 | 2.6 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|----------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 15-Jul-11 | Andrew Blampin | OV-0041 | 1217030 | <0.1 | 0.6 | 0.1 | 31 | 0.04 | 0.015 | 9 | 16 | 0.25 | 137 | 0.014 | <1 | 0.97 | 0.003 | 0.02 | 0.2 | 0.02 | 1.2 |
| 15-Jul-11 | Andrew Blampin | OV-0042 | 1217031 | <0.1 | <0.1 | 0.2 | 8 | 0.02 | 0.016 | 15 | 7 | 0.11 | 86 | 0.002 | 2 | 0.44 | 0.002 | 0.03 | <0.1 | 0.06 | 1.5 |
| 15-Jul-11 | Andrew Blampin | OV-0043 | 1217032 | <0.1 | 0.1 | 0.3 | 5 | 0.1 | 0.055 | 51 | 4 | 0.06 | 62 | <0.001 | 1 | 0.18 | 0.003 | 0.03 | <0.1 | 0.25 | 1.6 |
| 15-Jul-11 | Andrew Blampin | OV-0044 | 1217033 | <0.1 | 0.4 | 0.2 | 11 | 0.04 | 0.023 | 23 | 10 | 0.15 | 56 | 0.005 | 2 | 0.55 | 0.002 | 0.05 | 0.1 | 0.12 | 1.1 |
| 15-Jul-11 | Andrew Blampin | OV-0045 | 1217034 | <0.1 | 0.4 | 0.2 | 13 | 0.1 | 0.041 | 41 | 9 | 0.11 | 180 | 0.004 | 1 | 0.51 | 0.003 | 0.05 | <0.1 | 0.17 | 3 |
| 15-Jul-11 | Andrew Blampin | OV-0046 | 1217035 | <0.1 | 0.6 | 0.2 | 21 | 0.04 | 0.026 | 23 | 15 | 0.25 | 129 | 0.016 | 1 | 0.77 | 0.003 | 0.04 | 0.1 | 0.06 | 2.3 |
| 15-Jul-11 | Andrew Blampin | OV-0047 | 1217036 | <0.1 | 0.4 | 0.2 | 15 | 0.03 | 0.016 | 27 | 10 | 0.09 | 125 | 0.004 | 1 | 0.62 | 0.003 | 0.04 | <0.1 | 0.12 | 1.4 |
| 15-Jul-11 | Andrew Blampin | OV-0048 | 1217037 | <0.1 | 0.7 | 0.3 | 23 | 0.15 | 0.062 | 43 | 26 | 0.15 | 273 | 0.005 | 1 | 0.47 | 0.003 | 0.06 | <0.1 | 0.17 | 4.9 |
| 15-Jul-11 | Andrew Blampin | OV-0049 | 1217038 | <0.1 | 0.6 | 0.2 | 20 | 0.06 | 0.035 | 27 | 15 | 0.29 | 166 | 0.012 | <1 | 0.83 | 0.003 | 0.04 | <0.1 | 0.04 | 1.7 |
| 15-Jul-11 | Andrew Blampin | OV-0050 | 1217039 | <0.1 | 0.5 | 0.2 | 20 | 0.04 | 0.025 | 26 | 13 | 0.18 | 224 | 0.008 | <1 | 0.66 | 0.003 | 0.03 | 0.1 | 0.07 | 2.2 |
| 15-Jul-11 | Andrew Blampin | OV-0051 | 1217040 | <0.1 | 0.6 | 0.2 | 17 | 0.03 | 0.019 | 34 | 12 | 0.17 | 108 | 0.007 | <1 | 0.69 | 0.002 | 0.04 | 0.1 | 0.13 | 2 |
| 15-Jul-11 | Andrew Blampin | OV-0052 | 1217041 | <0.1 | 0.4 | 0.2 | 10 | 0.01 | 0.017 | 39 | 7 | 0.08 | 86 | 0.002 | <1 | 0.49 | 0.003 | 0.03 | <0.1 | 0.03 | 1.3 |
| 15-Jul-11 | Andrew Blampin | OV-0053 | 1217042 | <0.1 | 0.7 | 0.2 | 13 | 0.03 | 0.022 | 21 | 10 | 0.17 | 150 | 0.006 | <1 | 0.59 | 0.003 | 0.04 | 0.1 | 0.09 | 1.6 |
| 15-Jul-11 | Andrew Blampin | OV-0054 | 1217043 | <0.1 | 0.7 | 0.2 | 23 | 0.03 | 0.016 | 16 | 15 | 0.24 | 140 | 0.011 | <1 | 0.83 | 0.003 | 0.03 | 0.2 | 0.04 | 1.9 |
| 15-Jul-11 | Andrew Blampin | OV-0055 | 1217044 | <0.1 | 0.7 | 0.1 | 17 | 0.03 | 0.02 | 19 | 13 | 0.19 | 92 | 0.006 | 1 | 0.82 | 0.003 | 0.03 | 0.1 | 0.07 | 1.6 |
| 15-Jul-11 | Andrew Blampin | OV-0056 | 1217045 | <0.1 | 0.7 | 0.2 | 16 | 0.06 | 0.036 | 16 | 11 | 0.19 | 98 | 0.007 | <1 | 0.63 | 0.003 | 0.03 | 0.2 | 0.04 | 1.5 |
| 15-Jul-11 | Andrew Blampin | OV-0057 | 1217046 | <0.1 | 0.7 | 0.1 | 22 | 0.04 | 0.019 | 8 | 16 | 0.22 | 128 | 0.01 | <1 | 0.95 | 0.003 | 0.02 | 0.2 | 0.02 | 1.2 |
| 15-Jul-11 | Andrew Blampin | OV-0058 | 1217047 | <0.1 | 0.1 | 0.2 | 4 | 0.04 | 0.017 | 58 | 4 | 0.05 | 112 | <0.001 | <1 | 0.2 | 0.003 | 0.06 | <0.1 | 0.08 | 0.9 |
| 15-Jul-11 | Andrew Blampin | OV-0059 | 1217048 | <0.1 | 0.4 | 0.2 | 34 | 0.06 | 0.032 | 12 | 14 | 0.17 | 159 | 0.007 | <1 | 0.94 | 0.003 | 0.05 | 0.2 | 0.05 | 1.1 |
| 15-Jul-11 | Andrew Blampin | OV-0060 | 1217049 | <0.1 | 0.6 | 0.2 | 33 | 0.04 | 0.017 | 8 | 23 | 0.3 | 172 | 0.018 | <1 | 1.45 | 0.004 | 0.03 | 0.2 | 0.05 | 1.9 |
| 15-Jul-11 | Andrew Blampin | OV-0061 | 1217050 | <0.1 | 0.4 | 0.2 | 10 | 0.02 | 0.016 | 29 | 12 | 0.26 | 122 | 0.001 | <1 | 0.71 | 0.004 | 0.04 | <0.1 | 0.27 | 2.3 |
| 15-Jul-11 | Andrew Blampin | OV-0062 | 1217051 | <0.1 | 0.4 | 0.2 | 14 | 0.06 | 0.035 | 26 | 18 | 0.63 | 138 | 0.005 | <1 | 1.29 | 0.003 | 0.02 | <0.1 | 0.02 | 1.4 |
| 15-Jul-11 | Andrew Blampin | OV-0063 | 1217052 | <0.1 | 0.3 | 0.2 | 11 | 0.08 | 0.048 | 52 | 21 | 0.76 | 129 | 0.003 | <1 | 1.6 | 0.004 | 0.03 | <0.1 | 0.02 | 1.7 |
| 15-Jul-11 | Andrew Blampin | OV-0064 | 1217053 | 0.1 | 0.8 | 0.1 | 15 | 0.1 | 0.057 | 9 | 10 | 0.2 | 75 | 0.007 | <1 | 0.55 | 0.002 | 0.02 | 0.3 | 0.02 | 1 |
| 15-Jul-11 | Andrew Blampin | OV-0065 | 1217054 | <0.1 | 0.9 | 0.1 | 23 | 0.04 | 0.031 | 8 | 15 | 0.23 | 121 | 0.008 | <1 | 0.82 | 0.003 | 0.03 | 0.2 | 0.02 | 1.3 |
| 15-Jul-11 | Andrew Blampin | OV-0066 | 1217055 | <0.1 | 1.1 | 0.2 | 24 | 0.04 | 0.018 | 15 | 14 | 0.23 | 221 | 0.009 | <1 | 0.82 | 0.003 | 0.03 | 0.2 | 0.05 | 1.9 |
| 15-Jul-11 | Andrew Blampin | OV-0067 | 1217056 | <0.1 | 0.7 | 0.2 | 31 | 0.03 | 0.019 | 8 | 19 | 0.24 | 142 | 0.015 | <1 | 1.06 | 0.002 | 0.03 | 0.2 | 0.02 | 1.6 |
| 15-Jul-11 | Andrew Blampin | OV-0068 | 1217057 | <0.1 | 0.8 | 0.1 | 15 | 0.1 | 0.046 | 11 | 9 | 0.18 | 146 | 0.008 | <1 | 0.47 | 0.003 | 0.02 | 0.3 | 0.02 | 1.5 |
| 15-Jul-11 | Andrew Blampin | | 1217058 | 0.1 | 0.7 | 0.1 | 32 | 0.05 | 0.024 | 10 | 13 | 0.18 | 108 | 0.007 | <1 | 0.82 | 0.003 | 0.03 | 0.2 | 0.01 | 1 |
| 15-Jul-11 | Andrew Blampin | | 1217059 | 0.9 | 0.8 | 0.1 | 77 | 0.72 | 0.109 | 11 | 36 | 0.72 | 602 | 0.007 | 1 | 1.48 | 0.007 | 0.03 | 0.1 | 0.12 | 3.6 |
| 15-Jul-11 | Andrew Blampin | | 1217060 | 0.5 | 0.6 | <0.1 | 85 | 0.92 | 0.1 | 11 | 50 | 1.06 | 716 | 0.008 | 2 | 1.64 | 0.008 | 0.03 | <0.1 | 0.08 | 3.5 |
| 8-Jul-11 | Conner McKay | | 1217151 | 0.1 | 0.8 | 0.4 | 16 | 0.27 | 0.049 | 46 | 19 | 0.52 | 120 | 0.005 | <1 | 1.37 | 0.004 | 0.06 | 0.2 | 0.03 | 2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|--------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 9-Jul-11 | Conner McKay | | 1217187 | <0.1 | 0.4 | 0.2 | 22 | 0.07 | 0.035 | 27 | 17 | 0.3 | 85 | 0.012 | <1 | 1.01 | 0.002 | 0.03 | 0.2 | 0.02 | 1.4 |
| 9-Jul-11 | Conner McKay | | 1217188 | <0.1 | 0.9 | 0.2 | 31 | 0.05 | 0.025 | 17 | 22 | 0.28 | 107 | 0.022 | <1 | 1.1 | 0.003 | 0.03 | 0.2 | 0.04 | 2 |
| 9-Jul-11 | Conner McKay | | 1217189 | 0.1 | 0.7 | 0.1 | 24 | 0.09 | 0.045 | 14 | 19 | 0.24 | 99 | 0.016 | <1 | 0.94 | 0.003 | 0.04 | 0.3 | 0.01 | 1.2 |
| 9-Jul-11 | Conner McKay | | 1217190 | <0.1 | 0.7 | 0.2 | 32 | 0.05 | 0.016 | 36 | 23 | 0.35 | 171 | 0.025 | <1 | 1.35 | 0.003 | 0.03 | 0.2 | 0.06 | 4.2 |
| 9-Jul-11 | Conner McKay | | 1217191 | <0.1 | 0.5 | 0.3 | 37 | 0.04 | 0.016 | 20 | 26 | 0.44 | 132 | 0.02 | <1 | 1.46 | 0.003 | 0.03 | 0.2 | 0.01 | 2.2 |
| 9-Jul-11 | Conner McKay | | 1217192 | <0.1 | 2.6 | 0.3 | 12 | 0.03 | 0.026 | 51 | 13 | 0.12 | 116 | 0.002 | <1 | 0.61 | 0.002 | 0.03 | <0.1 | 0.05 | 2 |
| 9-Jul-11 | Conner McKay | | 1217193 | <0.1 | 0.4 | 0.2 | 30 | 0.04 | 0.023 | 22 | 23 | 0.39 | 132 | 0.009 | <1 | 1.35 | 0.003 | 0.02 | 0.1 | 0.01 | 1.4 |
| 9-Jul-11 | Conner McKay | | 1217194 | <0.1 | 0.6 | 0.2 | 25 | 0.04 | 0.017 | 18 | 18 | 0.23 | 129 | 0.01 | <1 | 1.09 | 0.003 | 0.03 | 0.2 | 0.01 | 1.6 |
| 9-Jul-11 | Conner McKay | | 1217195 | <0.1 | 0.8 | 0.1 | 33 | 0.06 | 0.02 | 17 | 21 | 0.29 | 129 | 0.02 | <1 | 1.23 | 0.003 | 0.04 | 0.2 | 0.02 | 2.1 |
| 9-Jul-11 | Conner McKay | | 1217196 | <0.1 | 0.5 | 0.2 | 40 | 0.09 | 0.028 | 14 | 23 | 0.31 | 189 | 0.021 | <1 | 1.35 | 0.004 | 0.05 | 0.2 | 0.02 | 1.5 |
| 9-Jul-11 | Conner McKay | | 1217197 | <0.1 | 0.6 | 0.2 | 30 | 0.05 | 0.017 | 19 | 20 | 0.28 | 132 | 0.022 | <1 | 1.11 | 0.003 | 0.03 | 0.2 | 0.03 | 2.3 |
| 9-Jul-11 | Conner McKay | | 1217198 | <0.1 | 0.7 | 0.2 | 36 | 0.06 | 0.02 | 26 | 26 | 0.31 | 180 | 0.021 | 1 | 1.35 | 0.004 | 0.05 | 0.2 | 0.06 | 3.1 |
| 9-Jul-11 | Conner McKay | | 1217199 | <0.1 | 0.7 | 0.1 | 28 | 0.11 | 0.028 | 14 | 18 | 0.24 | 131 | 0.013 | 1 | 1.01 | 0.003 | 0.04 | 0.2 | 0.02 | 1.4 |
| 9-Jul-11 | Conner McKay | | 1217200 | <0.1 | 0.5 | 0.2 | 28 | 0.06 | 0.018 | 17 | 18 | 0.25 | 158 | 0.016 | <1 | 0.97 | 0.004 | 0.04 | 0.2 | 0.02 | 1.7 |
| 9-Jul-11 | Conner McKay | | 1217201 | <0.1 | 0.4 | 0.2 | 29 | 0.04 | 0.015 | 16 | 17 | 0.25 | 106 | 0.016 | <1 | 1.02 | 0.003 | 0.03 | 0.2 | 0.01 | 1.4 |
| 9-Jul-11 | Conner McKay | | 1217202 | <0.1 | 0.3 | 0.2 | 29 | 0.04 | 0.021 | 22 | 16 | 0.18 | 77 | 0.008 | <1 | 1.02 | 0.002 | 0.03 | 0.2 | 0.01 | 1.2 |
| 10-Jul-11 | Conner McKay | | 1217203 | <0.1 | 0.3 | 0.3 | 15 | 0.03 | 0.019 | 52 | 15 | 0.26 | 103 | 0.005 | <1 | 1.04 | 0.003 | 0.06 | <0.1 | 0.04 | 2.1 |
| 10-Jul-11 | Conner McKay | | 1217204 | <0.1 | 0.7 | 0.2 | 36 | 0.05 | 0.017 | 16 | 20 | 0.26 | 146 | 0.022 | 2 | 1.21 | 0.003 | 0.04 | 0.2 | 0.02 | 2 |
| 10-Jul-11 | Conner McKay | | 1217205 | <0.1 | 0.4 | 0.2 | 20 | 0.06 | 0.023 | 25 | 13 | 0.2 | 87 | 0.011 | <1 | 0.81 | 0.002 | 0.05 | 0.1 | 0.02 | 1.3 |
| 10-Jul-11 | Conner McKay | | 1217206 | <0.1 | 0.5 | 0.2 | 36 | 0.1 | 0.021 | 13 | 19 | 0.23 | 179 | 0.02 | <1 | 1.09 | 0.003 | 0.05 | 0.3 | 0.02 | 1.5 |
| 10-Jul-11 | Conner McKay | | 1217207 | <0.1 | 0.5 | 0.2 | 29 | 0.06 | 0.028 | 19 | 17 | 0.23 | 127 | 0.016 | <1 | 0.99 | 0.003 | 0.04 | 0.2 | 0.02 | 1.7 |
| 10-Jul-11 | Conner McKay | | 1217208 | <0.1 | 0.4 | 0.1 | 18 | 0.24 | 0.049 | 25 | 13 | 0.21 | 148 | 0.013 | 1 | 0.65 | 0.004 | 0.05 | 0.3 | 0.04 | 1.6 |
| 10-Jul-11 | Conner McKay | | 1217209 | 0.3 | 0.3 | 0.2 | 18 | 0.53 | 0.069 | 30 | 15 | 0.22 | 302 | 0.005 | 1 | 0.81 | 0.005 | 0.07 | 0.2 | 0.1 | 1.7 |
| 10-Jul-11 | Conner McKay | | 1217210 | 0.1 | 0.4 | 0.2 | 20 | 0.26 | 0.057 | 30 | 14 | 0.17 | 214 | 0.005 | 1 | 0.79 | 0.004 | 0.06 | 0.2 | 0.12 | 2 |
| 10-Jul-11 | Conner McKay | | 1217211 | <0.1 | 0.8 | 0.2 | 22 | 0.29 | 0.053 | 28 | 17 | 0.24 | 224 | 0.006 | <1 | 0.9 | 0.004 | 0.06 | 0.2 | 0.12 | 2 |
| 10-Jul-11 | Conner McKay | | 1217212 | 0.1 | 2.2 | 0.4 | 13 | 0.33 | 0.045 | 48 | 14 | 0.1 | 121 | 0.003 | 2 | 0.51 | 0.004 | 0.1 | <0.1 | 0.16 | 2.9 |
| 10-Jul-11 | Conner McKay | | 1217213 | 0.2 | 0.8 | 0.1 | 31 | 0.82 | 0.052 | 21 | 23 | 0.27 | 340 | 0.007 | 3 | 0.97 | 0.006 | 0.05 | 0.2 | 0.28 | 4.5 |
| 10-Jul-11 | Conner McKay | | 1217214 | 0.2 | 0.8 | 0.1 | 36 | 0.73 | 0.052 | 26 | 27 | 0.23 | 272 | 0.005 | 3 | 1.04 | 0.004 | 0.06 | 0.1 | 0.46 | 6.4 |
| 10-Jul-11 | Conner McKay | | 1217215 | 0.1 | 0.5 | 0.2 | 23 | 0.7 | 0.053 | 26 | 19 | 0.28 | 245 | 0.009 | 3 | 0.93 | 0.004 | 0.08 | 0.1 | 0.13 | 2.9 |
| 10-Jul-11 | Conner McKay | | 1217216 | 0.2 | 0.7 | 0.1 | 28 | 0.73 | 0.059 | 21 | 19 | 0.33 | 256 | 0.006 | 3 | 0.82 | 0.005 | 0.06 | 0.2 | 0.23 | 4.2 |
| 10-Jul-11 | Conner McKay | | 1217217 | 0.3 | 0.6 | 0.2 | 27 | 0.97 | 0.063 | 17 | 20 | 0.35 | 325 | 0.005 | 4 | 0.86 | 0.006 | 0.05 | 0.1 | 0.18 | 3.8 |
| 10-Jul-11 | Conner McKay | | 1217218 | <0.1 | 0.5 | 0.3 | 15 | 0.4 | 0.056 | 44 | 18 | 0.26 | 129 | 0.008 | 2 | 0.95 | 0.005 | 0.14 | <0.1 | 0.08 | 2.2 |
| 10-Jul-11 | Conner McKay | | 1217219 | <0.1 | 0.6 | 0.3 | 13 | 0.2 | 0.047 | 45 | 18 | 0.29 | 149 | 0.012 | 3 | 1.11 | 0.005 | 0.18 | 0.1 | 0.08 | 2.2 |
| 10-Jul-11 | Conner McKay | | 1217220 | <0.1 | 0.6 | 0.2 | 15 | 0.52 | 0.054 | 41 | 18 | 0.33 | 139 | 0.008 | 1 | 1.05 | 0.005 | 0.13 | 0.1 | 0.07 | 1.9 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|--------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 10-Jul-11 | Conner McKay | | 1217221 | <0.1 | 0.4 | 0.2 | 11 | 0.52 | 0.05 | 40 | 14 | 0.3 | 112 | 0.005 | 3 | 0.89 | 0.005 | 0.14 | 0.1 | 0.1 | 1.7 |
| 10-Jul-11 | Conner McKay | | 1217222 | 0.2 | 1 | 0.2 | 19 | 0.64 | 0.036 | 26 | 19 | 0.29 | 213 | 0.003 | 5 | 0.68 | 0.005 | 0.09 | 0.1 | 0.19 | 3.6 |
| 10-Jul-11 | Conner McKay | | 1217223 | 0.4 | 0.6 | 0.1 | 14 | 2.16 | 0.072 | 17 | 12 | 0.28 | 369 | 0.003 | 6 | 0.61 | 0.008 | 0.06 | 0.1 | 0.17 | 1.9 |
| 10-Jul-11 | Conner McKay | | 1217224 | <0.1 | 0.5 | 0.1 | 18 | 0.28 | 0.046 | 22 | 16 | 0.28 | 210 | 0.009 | 2 | 0.83 | 0.005 | 0.07 | 0.1 | 0.07 | 1.7 |
| 10-Jul-11 | Conner McKay | | 1217225 | <0.1 | 0.7 | 0.2 | 15 | 0.36 | 0.042 | 35 | 18 | 0.33 | 150 | 0.007 | 3 | 0.97 | 0.005 | 0.11 | 0.1 | 0.1 | 2.2 |
| 10-Jul-11 | Conner McKay | | 1217226 | <0.1 | 0.5 | 0.2 | 24 | 0.06 | 0.013 | 20 | 18 | 0.3 | 115 | 0.013 | 1 | 1.34 | 0.005 | 0.07 | 0.1 | 0.04 | 1.8 |
| 10-Jul-11 | Conner McKay | | 1217227 | <0.1 | 0.3 | 0.2 | 29 | 0.04 | 0.02 | 18 | 18 | 0.3 | 105 | 0.013 | 2 | 1.27 | 0.003 | 0.07 | 0.1 | 0.01 | 1.5 |
| 10-Jul-11 | Conner McKay | | 1217228 | <0.1 | 0.4 | 0.2 | 16 | 0.33 | 0.044 | 27 | 16 | 0.34 | 202 | 0.009 | 1 | 1.03 | 0.006 | 0.09 | 0.1 | 0.05 | 1.8 |
| 10-Jul-11 | Conner McKay | | 1217229 | <0.1 | 0.5 | 0.2 | 15 | 0.33 | 0.041 | 26 | 12 | 0.27 | 162 | 0.005 | 3 | 0.75 | 0.005 | 0.08 | 0.2 | 0.1 | 1.3 |
| 10-Jul-11 | Conner McKay | | 1217230 | <0.1 | 0.6 | 0.1 | 34 | 0.08 | 0.022 | 12 | 19 | 0.29 | 155 | 0.022 | 2 | 1.2 | 0.006 | 0.04 | 0.2 | 0.03 | 1.8 |
| 10-Jul-11 | Conner McKay | | 1217231 | <0.1 | 0.5 | 0.1 | 21 | 0.05 | 0.026 | 21 | 12 | 0.18 | 111 | 0.008 | 2 | 0.85 | 0.003 | 0.06 | 0.1 | 0.07 | 1.2 |
| 10-Jul-11 | Conner McKay | | 1217232 | <0.1 | 0.5 | 0.1 | 38 | 0.05 | 0.02 | 14 | 20 | 0.26 | 128 | 0.029 | 2 | 1.26 | 0.004 | 0.05 | 0.2 | 0.02 | 2.1 |
| 13-Jul-11 | Conner McKay | | 1217233 | <0.1 | 0.7 | 0.2 | 42 | 0.07 | 0.052 | 13 | 25 | 0.37 | 122 | 0.029 | 2 | 1.51 | 0.006 | 0.05 | 0.2 | 0.03 | 1.9 |
| 13-Jul-11 | Conner McKay | | 1217234 | <0.1 | 0.3 | 0.1 | 28 | 0.05 | 0.065 | 13 | 15 | 0.16 | 64 | 0.021 | 2 | 0.91 | 0.004 | 0.03 | 0.1 | 0.02 | 1.1 |
| 13-Jul-11 | Conner McKay | | 1217235 | <0.1 | 0.5 | 0.1 | 27 | 0.06 | 0.039 | 12 | 17 | 0.28 | 84 | 0.015 | 1 | 0.93 | 0.005 | 0.03 | 0.2 | 0.02 | 1.1 |
| 13-Jul-11 | Conner McKay | | 1217236 | 0.1 | 0.6 | 0.1 | 29 | 0.05 | 0.037 | 13 | 19 | 0.3 | 103 | 0.018 | 1 | 1.26 | 0.004 | 0.06 | 0.2 | 0.03 | 1.4 |
| 13-Jul-11 | Conner McKay | | 1217237 | <0.1 | 0.5 | 0.2 | 30 | 0.04 | 0.038 | 19 | 23 | 0.38 | 98 | 0.021 | 1 | 1.35 | 0.007 | 0.05 | 0.2 | 0.03 | 2.1 |
| 13-Jul-11 | Conner McKay | | 1217238 | <0.1 | 0.4 | 0.1 | 29 | 0.06 | 0.041 | 15 | 17 | 0.27 | 112 | 0.018 | 1 | 1.03 | 0.005 | 0.04 | 0.2 | 0.03 | 1.5 |
| 13-Jul-11 | Conner McKay | | 1217239 | <0.1 | 0.4 | 0.1 | 27 | 0.05 | 0.048 | 14 | 16 | 0.24 | 115 | 0.016 | 1 | 0.98 | 0.009 | 0.04 | 0.2 | 0.03 | 1.5 |
| 13-Jul-11 | Conner McKay | | 1217240 | <0.1 | 0.4 | 0.1 | 28 | 0.05 | 0.056 | 12 | 15 | 0.25 | 75 | 0.015 | <1 | 0.95 | 0.004 | 0.03 | 0.2 | 0.02 | 1 |
| 13-Jul-11 | Conner McKay | | 1217241 | 0.3 | 0.3 | 0.1 | 31 | 0.06 | 0.063 | 17 | 17 | 0.25 | 131 | 0.012 | <1 | 1.09 | 0.007 | 0.05 | 0.2 | 0.01 | 0.9 |
| 13-Jul-11 | Conner McKay | | 1217242 | 0.1 | 0.4 | 0.1 | 33 | 0.07 | 0.035 | 15 | 20 | 0.3 | 191 | 0.015 | <1 | 1.2 | 0.009 | 0.05 | 0.2 | 0.02 | 1.1 |
| 13-Jul-11 | Conner McKay | | 1217243 | <0.1 | 0.3 | 0.1 | 31 | 0.07 | 0.029 | 13 | 15 | 0.25 | 150 | 0.014 | 1 | 0.92 | 0.005 | 0.04 | 0.2 | <0.01 | 0.8 |
| 13-Jul-11 | Conner McKay | | 1217244 | <0.1 | 0.2 | 0.2 | 23 | 0.04 | 0.05 | 26 | 17 | 0.29 | 128 | 0.007 | 1 | 1.08 | 0.004 | 0.04 | 0.1 | 0.02 | 1 |
| 13-Jul-11 | Conner McKay | | 1217245 | <0.1 | 0.2 | 0.2 | 29 | 0.05 | 0.048 | 12 | 14 | 0.18 | 125 | 0.014 | 1 | 0.74 | 0.004 | 0.04 | 0.2 | <0.01 | 0.8 |
| 13-Jul-11 | Conner McKay | | 1217246 | <0.1 | 0.5 | 0.1 | 33 | 0.07 | 0.032 | 13 | 21 | 0.31 | 142 | 0.02 | <1 | 1.22 | 0.006 | 0.04 | 0.2 | 0.02 | 1.5 |
| 13-Jul-11 | Conner McKay | | 1217247 | 0.2 | 0.4 | 0.1 | 35 | 0.1 | 0.058 | 14 | 16 | 0.24 | 236 | 0.016 | <1 | 0.91 | 0.005 | 0.05 | 0.3 | 0.02 | 1.3 |
| 13-Jul-11 | Conner McKay | | 1217248 | <0.1 | 0.2 | 0.2 | 19 | 0.05 | 0.021 | 22 | 14 | 0.34 | 95 | 0.011 | <1 | 1.01 | 0.004 | 0.04 | <0.1 | 0.01 | 0.9 |
| 13-Jul-11 | Conner McKay | | 1217249 | <0.1 | 0.6 | 0.1 | 33 | 0.11 | 0.083 | 11 | 16 | 0.28 | 109 | 0.019 | 1 | 0.88 | 0.004 | 0.05 | 0.2 | <0.01 | 1.3 |
| 13-Jul-11 | Conner McKay | | 1217250 | <0.1 | 0.6 | 0.1 | 39 | 0.06 | 0.037 | 11 | 22 | 0.31 | 160 | 0.025 | 1 | 1.32 | 0.005 | 0.04 | 0.2 | 0.01 | 1.6 |
| 13-Jul-11 | Conner McKay | | 1217251 | <0.1 | 0.5 | 0.2 | 30 | 0.05 | 0.019 | 22 | 21 | 0.36 | 118 | 0.019 | <1 | 1.27 | 0.01 | 0.05 | 0.1 | 0.03 | 2.1 |
| 13-Jul-11 | Conner McKay | | 1217252 | <0.1 | 0.3 | 0.2 | 25 | 0.06 | 0.02 | 35 | 22 | 0.44 | 139 | 0.013 | <1 | 1.4 | 0.005 | 0.04 | <0.1 | 0.02 | 1.8 |
| 13-Jul-11 | Conner McKay | | 1217253 | <0.1 | 0.4 | 0.2 | 26 | 0.05 | 0.033 | 23 | 19 | 0.37 | 119 | 0.012 | <1 | 1.17 | 0.005 | 0.05 | 0.2 | <0.01 | 1.5 |
| 13-Jul-11 | Conner McKay | | 1217254 | <0.1 | 0.5 | 0.1 | 36 | 0.1 | 0.043 | 12 | 18 | 0.26 | 135 | 0.031 | 1 | 1.04 | 0.004 | 0.05 | 0.2 | 0.03 | 1.5 |
| 13-Jul-11 | Conner McKay | | 1217255 | <0.1 | 0.4 | 0.1 | 27 | 0.1 | 0.035 | 14 | 15 | 0.29 | 141 | 0.015 | <1 | 0.91 | 0.003 | 0.05 | <0.1 | <0.01 | 1.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|--------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|-----|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm | |
| 13-Jul-11 | Conner McKay | | 1217256 | <0.1 | 0.4 | 0.1 | 39 | 0.11 | 0.056 | 10 | 18 | 0.26 | 203 | 0.023 | <1 | 1.01 | 0.004 | 0.07 | 0.2 | 0.01 | 1.3 | |
| 13-Jul-11 | Conner McKay | | 1217257 | <0.1 | 0.7 | 0.1 | 26 | 0.11 | 0.066 | 9 | 12 | 0.19 | 119 | 0.017 | <1 | 0.5 | 0.003 | 0.04 | 0.4 | <0.01 | 0.8 | |
| 13-Jul-11 | Conner McKay | | 1217258 | 0.1 | 0.4 | <0.1 | 26 | 0.12 | 0.049 | 10 | 14 | 0.22 | 220 | 0.013 | <1 | 0.73 | 0.005 | 0.04 | 0.2 | 0.02 | 1 | |
| 13-Jul-11 | Conner McKay | | 1217259 | <0.1 | 0.6 | <0.1 | 24 | 0.12 | 0.05 | 10 | 15 | 0.24 | 161 | 0.018 | 1 | 0.76 | 0.004 | 0.06 | 0.2 | 0.02 | 1 | |
| 13-Jul-11 | Conner McKay | | 1217260 | <0.1 | 0.5 | <0.1 | 22 | 0.09 | 0.047 | 10 | 13 | 0.19 | 173 | 0.013 | <1 | 0.61 | 0.003 | 0.05 | 0.2 | 0.01 | 0.9 | |
| 14-Jul-11 | Conner McKay | OV-0134 | 1217261 | 0.2 | 0.5 | 0.1 | 34 | 0.05 | 0.063 | 11 | 22 | 0.29 | 123 | 0.011 | <1 | 1.4 | 0.004 | 0.04 | 0.2 | 0.04 | 0.8 | |
| 14-Jul-11 | Conner McKay | OV-0140 | 1217262 | <0.1 | 0.4 | 0.1 | 33 | 0.05 | 0.046 | 10 | 19 | 0.26 | 87 | 0.01 | <1 | 0.97 | 0.004 | 0.03 | 0.2 | 0.03 | 0.4 | |
| 14-Jul-11 | Conner McKay | OV-0141 | 1217263 | 0.2 | 0.5 | <0.1 | 29 | 0.07 | 0.047 | 15 | 19 | 0.28 | 104 | 0.014 | <1 | 1.11 | 0.003 | 0.03 | 0.2 | 0.03 | 1 | |
| 14-Jul-11 | Conner McKay | OV-0142 | 1217264 | <0.1 | 0.5 | <0.1 | 28 | 0.08 | 0.043 | 13 | 19 | 0.27 | 99 | 0.014 | <1 | 1.04 | 0.004 | 0.03 | 0.3 | 0.03 | 1 | |
| 14-Jul-11 | Conner McKay | OV-0143 | 1217265 | 0.1 | 0.5 | <0.1 | 26 | 0.07 | 0.037 | 17 | 18 | 0.31 | 139 | 0.013 | <1 | 1.04 | 0.003 | 0.03 | 0.2 | 0.04 | 1 | |
| 14-Jul-11 | Conner McKay | OV-0144 | 1217266 | 0.1 | 0.5 | <0.1 | 30 | 0.08 | 0.05 | 13 | 19 | 0.29 | 107 | 0.013 | <1 | 1.13 | 0.004 | 0.03 | 0.2 | 0.03 | 0.9 | |
| 14-Jul-11 | Conner McKay | OV-0145 | 1217267 | <0.1 | 0.4 | <0.1 | 31 | 0.06 | 0.055 | 14 | 20 | 0.26 | 103 | 0.011 | <1 | 1.12 | 0.003 | 0.03 | 0.2 | 0.02 | 0.6 | |
| 14-Jul-11 | Conner McKay | OV-0146 | 1217268 | 0.1 | 0.5 | <0.1 | 27 | 0.08 | 0.047 | 12 | 17 | 0.26 | 97 | 0.013 | <1 | 0.92 | 0.004 | 0.03 | 0.2 | 0.02 | 0.7 | |
| 14-Jul-11 | Conner McKay | OV-0147 | 1217269 | <0.1 | 0.5 | <0.1 | 31 | 0.07 | 0.049 | 12 | 20 | 0.25 | 100 | 0.011 | <1 | 1.07 | 0.004 | 0.03 | 0.1 | 0.04 | 0.5 | |
| 14-Jul-11 | Conner McKay | OV-0148 | 1217270 | 0.1 | 0.5 | <0.1 | 28 | 0.07 | 0.039 | 12 | 18 | 0.26 | 105 | 0.015 | <1 | 0.92 | 0.003 | 0.03 | 0.2 | 0.01 | 0.9 | |
| 14-Jul-11 | Conner McKay | OV-0149 | 1217271 | 0.2 | 1.8 | <0.1 | 25 | 0.05 | 0.038 | 15 | 17 | 0.29 | 67 | 0.01 | <1 | 0.88 | 0.003 | 0.03 | 0.2 | 0.02 | 0.7 | |
| 14-Jul-11 | Conner McKay | OV-0150 | 1217272 | 0.1 | 0.6 | <0.1 | 20 | 0.06 | 0.044 | 14 | 17 | 0.25 | 133 | 0.009 | <1 | 0.96 | 0.004 | 0.03 | 0.2 | 0.03 | 0.7 | |
| 14-Jul-11 | Conner McKay | OV-0151 | 1217273 | <0.1 | 0.8 | 0.1 | 30 | 0.06 | 0.047 | 15 | 20 | 0.26 | 84 | 0.008 | <1 | 1.14 | 0.004 | 0.03 | <0.1 | 0.05 | 0.4 | |
| 14-Jul-11 | Conner McKay | OV-0152 | 1217274 | <0.1 | 0.8 | <0.1 | 29 | 0.06 | 0.054 | 13 | 18 | 0.27 | 78 | 0.012 | <1 | 1.16 | 0.003 | 0.03 | 0.2 | 0.02 | 0.6 | |
| 14-Jul-11 | Conner McKay | OV-0153 | 1217275 | <0.1 | 1.4 | 0.1 | 30 | 0.04 | 0.042 | 17 | 16 | 0.21 | 61 | 0.01 | <1 | 0.93 | 0.003 | 0.03 | 0.1 | 0.02 | 0.6 | |
| 14-Jul-11 | Conner McKay | OV-0154 | 1217276 | 0.1 | 0.6 | 0.2 | 35 | 0.05 | 0.041 | 10 | 19 | 0.2 | 59 | 0.009 | <1 | 0.92 | 0.003 | 0.02 | 0.1 | 0.04 | 0.3 | |
| 14-Jul-11 | Conner McKay | OV-0155 | 1217277 | 0.1 | 0.7 | 0.1 | 28 | 0.06 | 0.053 | 10 | 18 | 0.27 | 75 | 0.013 | <1 | 1.05 | 0.003 | 0.03 | 0.2 | 0.03 | 1 | |
| 14-Jul-11 | Conner McKay | OV-0156 | 1217278 | 0.1 | 1.5 | 0.1 | 27 | 0.08 | 0.042 | 25 | 18 | 0.35 | 141 | 0.022 | <1 | 1.06 | 0.004 | 0.03 | 0.2 | 0.02 | 1.9 | |
| 14-Jul-11 | Conner McKay | OV-0157 | 1217279 | 0.1 | 0.8 | 0.1 | 30 | 0.06 | 0.037 | 16 | 20 | 0.29 | 68 | 0.019 | <1 | 1.08 | 0.003 | 0.03 | 0.1 | 0.02 | 1.8 | |
| 14-Jul-11 | Conner McKay | OV-0158 | 1217280 | 0.2 | 0.6 | <0.1 | 32 | 0.07 | 0.064 | 13 | 19 | 0.25 | 96 | 0.02 | <1 | 1.09 | 0.004 | 0.03 | 0.2 | 0.02 | 1.1 | |
| 14-Jul-11 | Conner McKay | OV-0159 | 1217281 | <0.1 | 0.4 | <0.1 | 28 | 0.04 | 0.035 | 11 | 14 | 0.14 | 56 | 0.013 | <1 | 0.79 | 0.002 | 0.03 | 0.1 | 0.03 | 0.5 | |
| 14-Jul-11 | Conner McKay | OV-0160 | 1217282 | 0.1 | 0.6 | <0.1 | 27 | 0.05 | 0.039 | 10 | 17 | 0.28 | 62 | 0.016 | <1 | 0.98 | 0.003 | 0.03 | 0.2 | 0.02 | 1.1 | |
| 14-Jul-11 | Conner McKay | OV-0161 | 1217283 | 0.2 | 0.7 | <0.1 | 27 | 0.08 | 0.055 | 12 | 16 | 0.25 | 71 | 0.015 | <1 | 0.8 | 0.003 | 0.03 | 0.2 | 0.04 | 0.9 | |
| 14-Jul-11 | Conner McKay | OV-0162 | 1217284 | <0.1 | 0.4 | <0.1 | 26 | 0.05 | 0.043 | 11 | 16 | 0.17 | 55 | 0.009 | <1 | 0.76 | 0.003 | 0.02 | 0.2 | 0.03 | 0.4 | |
| 14-Jul-11 | Conner McKay | OV-0163 | 1217285 | <0.1 | 0.5 | 0.1 | 19 | 0.05 | 0.04 | 16 | 18 | 0.28 | 51 | 0.009 | <1 | 0.91 | 0.003 | 0.03 | 0.2 | 0.02 | 0.7 | |
| 14-Jul-11 | Conner McKay | OV-0164 | 1217286 | 0.1 | 0.5 | <0.1 | 31 | 0.07 | 0.063 | 12 | 17 | 0.24 | 78 | 0.014 | <1 | 0.97 | 0.003 | 0.03 | 0.2 | 0.03 | 1 | |
| 14-Jul-11 | Conner McKay | OV-0165 | 1217287 | 0.1 | 0.6 | <0.1 | 29 | 0.09 | 0.06 | 12 | 17 | 0.27 | 75 | 0.018 | <1 | 0.98 | 0.003 | 0.03 | 0.2 | 0.02 | 1.2 | |
| 14-Jul-11 | Conner McKay | OV-0166 | 1217288 | <0.1 | 0.4 | <0.1 | 34 | 0.05 | 0.044 | 15 | 20 | 0.21 | 102 | 0.01 | <1 | 1.02 | 0.003 | 0.03 | <0.1 | 0.05 | 0.6 | |
| 14-Jul-11 | Conner McKay | OV-0167 | 1217289 | 0.2 | 0.7 | <0.1 | 23 | 0.06 | 0.035 | 12 | 16 | 0.26 | 85 | 0.015 | <1 | 0.89 | 0.003 | 0.03 | 0.3 | 0.02 | 1.2 | |
| 14-Jul-11 | Conner McKay | OV-0168 | 1217290 | 0.1 | 0.7 | 0.1 | 37 | 0.07 | 0.045 | 11 | 22 | 0.31 | 67 | 0.025 | <1 | 1.09 | 0.004 | 0.03 | 0.2 | 0.03 | 1.2 | |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|--------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 14-Jul-11 | Conner McKay | OV-0169 | 1217291 | <0.1 | 0.3 | 0.1 | 29 | 0.04 | 0.034 | 13 | 16 | 0.18 | 62 | 0.012 | <1 | 0.93 | 0.003 | 0.03 | 0.1 | 0.02 | 0.6 |
| 15-Jul-11 | Conner McKay | OV-0350 | 1217292 | <0.1 | 0.4 | 0.1 | 26 | 0.04 | 0.04 | 16 | 17 | 0.24 | 54 | 0.01 | <1 | 0.93 | 0.003 | 0.03 | 0.1 | 0.03 | 0.5 |
| 15-Jul-11 | Conner McKay | OV-0331 | 1217293 | <0.1 | 0.4 | 0.2 | 35 | 0.08 | 0.045 | 21 | 23 | 0.31 | 90 | 0.012 | <1 | 1.39 | 0.003 | 0.04 | 0.2 | 0.03 | 1.1 |
| 15-Jul-11 | Conner McKay | OV-0332 | 1217294 | <0.1 | 0.4 | 0.2 | 29 | 0.05 | 0.039 | 25 | 18 | 0.28 | 62 | 0.008 | <1 | 1.13 | 0.003 | 0.03 | 0.2 | 0.03 | 0.9 |
| 15-Jul-11 | Conner McKay | OV-0333 | 1217295 | 0.1 | 0.9 | 0.5 | 47 | 0.06 | 0.06 | 30 | 32 | 0.5 | 133 | 0.017 | 1 | 1.93 | 0.005 | 0.05 | 0.2 | 0.04 | 2.2 |
| 15-Jul-11 | Conner McKay | OV-0334 | 1217296 | 0.1 | 0.6 | 0.2 | 35 | 0.06 | 0.037 | 32 | 24 | 0.43 | 86 | 0.016 | 1 | 1.38 | 0.004 | 0.04 | 0.2 | 0.03 | 1.2 |
| 15-Jul-11 | Conner McKay | OV-0335 | 1217297 | 0.2 | 0.6 | 0.2 | 26 | 0.05 | 0.039 | 43 | 21 | 0.52 | 97 | 0.014 | <1 | 1.34 | 0.003 | 0.03 | 0.1 | 0.02 | 1.5 |
| 15-Jul-11 | Conner McKay | OV-0336 | 1217298 | 0.1 | 0.5 | 0.2 | 32 | 0.06 | 0.046 | 22 | 20 | 0.29 | 93 | 0.013 | 1 | 1.19 | 0.003 | 0.04 | 0.2 | 0.03 | 1.2 |
| 15-Jul-11 | Conner McKay | OV-0337 | 1217299 | 0.1 | 0.5 | 0.2 | 40 | 0.06 | 0.052 | 17 | 22 | 0.28 | 84 | 0.013 | 2 | 1.28 | 0.003 | 0.05 | 0.2 | 0.04 | 0.8 |
| 15-Jul-11 | Conner McKay | OV-0338 | 1217300 | 0.1 | 0.4 | 0.2 | 30 | 0.07 | 0.047 | 22 | 18 | 0.23 | 72 | 0.011 | <1 | 1 | 0.003 | 0.04 | 0.2 | 0.03 | 0.8 |
| 9-Jul-11 | Myles Rusk | OV-0001 | 1217301 | 0.1 | 0.4 | 0.2 | 34 | 0.08 | 0.032 | 16 | 15 | 0.19 | 132 | 0.021 | <1 | 0.89 | 0.003 | 0.04 | 0.2 | 0.02 | 1.3 |
| 9-Jul-11 | Myles Rusk | OV-0002 | 1217302 | 0.1 | 0.6 | 0.2 | 32 | 0.09 | 0.034 | 15 | 18 | 0.26 | 156 | 0.02 | <1 | 1.03 | 0.003 | 0.03 | 0.2 | 0.03 | 1.6 |
| 9-Jul-11 | Myles Rusk | OV-0003 | 1217303 | <0.1 | 0.6 | 0.2 | 34 | 0.07 | 0.016 | 17 | 20 | 0.27 | 149 | 0.025 | 1 | 1.24 | 0.004 | 0.04 | 0.2 | 0.03 | 1.9 |
| 9-Jul-11 | Myles Rusk | OV-0004 | 1217304 | <0.1 | 0.3 | 0.2 | 23 | 0.07 | 0.027 | 30 | 20 | 0.48 | 105 | 0.01 | <1 | 1.39 | 0.003 | 0.04 | 0.1 | <0.01 | 1.5 |
| 9-Jul-11 | Myles Rusk | OV-0005 | 1217305 | <0.1 | 0.4 | 0.2 | 30 | 0.07 | 0.014 | 20 | 20 | 0.44 | 115 | 0.018 | <1 | 1.35 | 0.003 | 0.05 | 0.1 | 0.01 | 1.5 |
| 9-Jul-11 | Myles Rusk | OV-0006 | 1217306 | <0.1 | 0.4 | 0.2 | 32 | 0.09 | 0.02 | 14 | 15 | 0.2 | 167 | 0.013 | <1 | 0.98 | 0.004 | 0.04 | 0.3 | 0.02 | 1.3 |
| 9-Jul-11 | Myles Rusk | OV-0007 | 1217307 | <0.1 | 0.3 | 0.6 | 16 | 0.15 | 0.047 | 22 | 23 | 0.61 | 113 | 0.011 | <1 | 1.37 | 0.004 | 0.06 | <0.1 | 0.01 | 1.3 |
| 9-Jul-11 | Myles Rusk | OV-0008 | 1217308 | <0.1 | 0.2 | 0.2 | 21 | 0.09 | 0.017 | 19 | 10 | 0.17 | 237 | 0.007 | <1 | 0.89 | 0.005 | 0.14 | <0.1 | <0.01 | 0.8 |
| 9-Jul-11 | Myles Rusk | OV-0009 | 1217309 | <0.1 | 0.3 | 0.2 | 28 | 0.05 | 0.03 | 15 | 13 | 0.14 | 70 | 0.01 | 1 | 0.72 | 0.004 | 0.03 | 0.2 | 0.01 | 0.5 |
| 9-Jul-11 | Myles Rusk | OV-0010 | 1217310 | <0.1 | 0.7 | 0.2 | 27 | 0.06 | 0.025 | 25 | 18 | 0.25 | 134 | 0.013 | <1 | 1.06 | 0.003 | 0.05 | 0.2 | 0.03 | 1.7 |
| 9-Jul-11 | Myles Rusk | OV-0011 | 1217311 | <0.1 | 0.4 | 0.2 | 26 | 0.05 | 0.023 | 22 | 16 | 0.25 | 122 | 0.016 | <1 | 0.96 | 0.003 | 0.03 | 0.3 | 0.01 | 1.7 |
| 9-Jul-11 | Myles Rusk | OV-0012 | 1217312 | <0.1 | 0.6 | 0.2 | 30 | 0.06 | 0.024 | 17 | 18 | 0.26 | 106 | 0.02 | <1 | 1.07 | 0.003 | 0.03 | 0.3 | 0.03 | 1.6 |
| 9-Jul-11 | Myles Rusk | OV-0013 | 1217313 | <0.1 | 0.5 | 0.2 | 26 | 0.05 | 0.021 | 24 | 19 | 0.34 | 97 | 0.013 | <1 | 1.11 | 0.003 | 0.04 | 0.2 | 0.03 | 1.4 |
| 9-Jul-11 | Myles Rusk | OV-0014 | 1217314 | <0.1 | 0.4 | 0.3 | 24 | 0.02 | 0.019 | 24 | 23 | 0.25 | 81 | 0.004 | <1 | 1.22 | 0.003 | 0.04 | <0.1 | 0.01 | 1.9 |
| 9-Jul-11 | Myles Rusk | OV-0015 | 1217315 | <0.1 | 0.6 | 0.2 | 32 | 0.06 | 0.025 | 21 | 16 | 0.22 | 121 | 0.012 | <1 | 1.08 | 0.003 | 0.04 | 0.1 | <0.01 | 1.3 |
| 9-Jul-11 | Myles Rusk | OV-0016 | 1217316 | <0.1 | 0.6 | 0.2 | 40 | 0.06 | 0.018 | 15 | 22 | 0.29 | 146 | 0.02 | <1 | 1.39 | 0.004 | 0.04 | 0.2 | 0.02 | 1.6 |
| 9-Jul-11 | Myles Rusk | OV-0017 | 1217317 | <0.1 | 0.3 | 0.2 | 12 | 0.09 | 0.024 | 47 | 13 | 0.24 | 128 | 0.002 | <1 | 0.79 | 0.003 | 0.05 | <0.1 | 0.02 | 1.7 |
| 9-Jul-11 | Myles Rusk | OV-0018 | 1217318 | <0.1 | 0.3 | 0.2 | 31 | 0.09 | 0.033 | 17 | 16 | 0.27 | 114 | 0.013 | <1 | 0.98 | 0.003 | 0.07 | 0.2 | <0.01 | 1.1 |
| 9-Jul-11 | Myles Rusk | OV-0019 | 1217319 | <0.1 | 0.4 | 0.2 | 32 | 0.09 | 0.034 | 18 | 17 | 0.27 | 120 | 0.014 | <1 | 0.99 | 0.004 | 0.07 | 0.3 | <0.01 | 1.2 |
| 9-Jul-11 | Myles Rusk | OV-0020 | 1217320 | <0.1 | 0.4 | 0.1 | 25 | 0.09 | 0.038 | 18 | 19 | 0.42 | 151 | 0.01 | <1 | 1.2 | 0.004 | 0.07 | 0.1 | 0.02 | 1.4 |
| 9-Jul-11 | Myles Rusk | OV-0021 | 1217321 | <0.1 | 0.5 | 0.2 | 28 | 0.04 | 0.027 | 20 | 20 | 0.31 | 101 | 0.01 | <1 | 1.36 | 0.003 | 0.05 | 0.2 | 0.03 | 1.5 |
| 9-Jul-11 | Myles Rusk | OV-0022 | 1217322 | <0.1 | 0.3 | 0.2 | 29 | 0.16 | 0.015 | 12 | 15 | 0.26 | 208 | 0.013 | <1 | 1.01 | 0.004 | 0.03 | 0.2 | 0.02 | 1.2 |
| 9-Jul-11 | Myles Rusk | OV-0023 | 1217323 | <0.1 | 0.7 | 0.2 | 28 | 0.06 | 0.022 | 13 | 15 | 0.25 | 153 | 0.012 | <1 | 1.01 | 0.003 | 0.05 | 0.3 | 0.01 | 1.2 |
| 9-Jul-11 | Myles Rusk | OV-0024 | 1217324 | <0.1 | 0.5 | 0.2 | 26 | 0.02 | 0.029 | 16 | 19 | 0.32 | 109 | 0.009 | <1 | 1.16 | 0.003 | 0.04 | 0.3 | <0.01 | 1 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|--------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| | | | 1217325 | | | | | | | | | | | | | | | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217326 | <0.1 | 0.4 | 0.2 | 16 | 0.12 | 0.034 | 29 | 12 | 0.24 | 120 | 0.007 | <1 | 0.89 | 0.003 | 0.05 | 0.1 | 0.03 | 1.3 |
| 10-Jul-11 | Lukasz Malek | | 1217327 | <0.1 | 0.6 | 0.2 | 41 | 0.12 | 0.026 | 19 | 25 | 0.34 | 182 | 0.028 | 1 | 1.58 | 0.004 | 0.07 | 0.2 | 0.03 | 2.1 |
| 10-Jul-11 | Lukasz Malek | | 1217328 | <0.1 | 0.6 | 0.2 | 42 | 0.13 | 0.02 | 20 | 21 | 0.27 | 181 | 0.024 | 1 | 1.31 | 0.004 | 0.06 | 0.2 | 0.03 | 2.2 |
| 10-Jul-11 | Lukasz Malek | | 1217329 | 0.1 | 0.8 | 0.2 | 26 | 0.09 | 0.028 | 20 | 17 | 0.28 | 110 | 0.015 | 1 | 1.1 | 0.004 | 0.08 | 0.1 | 0.04 | 1.9 |
| 10-Jul-11 | Lukasz Malek | | 1217330 | <0.1 | 0.6 | 0.2 | 16 | 0.11 | 0.032 | 29 | 13 | 0.22 | 116 | 0.007 | 2 | 0.8 | 0.003 | 0.09 | 0.1 | 0.06 | 1.8 |
| 10-Jul-11 | Lukasz Malek | | 1217331 | 0.1 | 0.5 | 0.2 | 14 | 0.32 | 0.039 | 37 | 11 | 0.2 | 176 | 0.006 | 2 | 0.61 | 0.003 | 0.08 | <0.1 | 0.05 | 1.9 |
| 10-Jul-11 | Lukasz Malek | | 1217332 | 0.2 | 0.5 | 0.2 | 21 | 0.37 | 0.043 | 17 | 13 | 0.25 | 181 | 0.009 | 1 | 0.73 | 0.004 | 0.03 | 0.3 | 0.04 | 1.6 |
| 10-Jul-11 | Lukasz Malek | | 1217333 | 0.2 | 0.6 | 0.1 | 17 | 0.56 | 0.046 | 13 | 11 | 0.23 | 192 | 0.005 | 2 | 0.53 | 0.004 | 0.03 | 0.2 | 0.07 | 1.3 |
| 10-Jul-11 | Lukasz Malek | | 1217334 | 0.1 | 0.6 | 0.1 | 17 | 0.88 | 0.052 | 15 | 12 | 0.24 | 205 | 0.008 | 1 | 0.61 | 0.004 | 0.04 | 0.2 | 0.06 | 1.5 |
| 10-Jul-11 | Lukasz Malek | | 1217335 | 0.2 | 1 | 0.2 | 19 | 0.78 | 0.046 | 20 | 13 | 0.27 | 182 | 0.008 | 3 | 0.66 | 0.006 | 0.05 | 0.3 | 0.11 | 2.1 |
| 10-Jul-11 | Lukasz Malek | | 1217336 | <0.1 | 0.8 | 0.2 | 27 | 0.43 | 0.032 | 17 | 16 | 0.26 | 265 | 0.007 | 2 | 1.01 | 0.006 | 0.05 | 0.2 | 0.08 | 2.3 |
| 10-Jul-11 | Lukasz Malek | | 1217337 | <0.1 | 0.6 | 0.2 | 16 | 0.37 | 0.038 | 25 | 11 | 0.24 | 174 | 0.007 | 1 | 0.67 | 0.003 | 0.07 | 0.2 | 0.09 | 1.9 |
| 10-Jul-11 | Lukasz Malek | | 1217338 | 0.1 | 0.6 | 0.2 | 15 | 0.44 | 0.052 | 33 | 13 | 0.31 | 147 | 0.01 | 2 | 0.72 | 0.004 | 0.11 | 0.1 | 0.11 | 2 |
| 10-Jul-11 | Lukasz Malek | | 1217339 | 0.1 | 0.6 | 0.2 | 18 | 1.17 | 0.048 | 25 | 16 | 0.38 | 213 | 0.008 | 4 | 0.75 | 0.006 | 0.09 | <0.1 | 0.12 | 2.5 |
| 10-Jul-11 | Lukasz Malek | | 1217340 | 0.2 | 0.5 | 0.2 | 15 | 0.95 | 0.051 | 26 | 13 | 0.43 | 210 | 0.008 | 4 | 0.76 | 0.006 | 0.09 | 0.1 | 0.09 | 1.8 |
| 10-Jul-11 | Lukasz Malek | | 1217341 | <0.1 | 0.4 | 0.2 | 12 | 0.71 | 0.042 | 25 | 10 | 0.22 | 119 | 0.004 | 1 | 0.58 | 0.003 | 0.06 | 0.2 | 0.07 | 1.3 |
| 10-Jul-11 | Lukasz Malek | | 1217342 | | | | | | | | | | | | | | | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217343 | <0.1 | 0.9 | 0.1 | 14 | 0.26 | 0.049 | 19 | 10 | 0.2 | 100 | 0.006 | 2 | 0.52 | 0.004 | 0.05 | 0.2 | 0.06 | 1.5 |
| 10-Jul-11 | Lukasz Malek | | 1217344 | 0.1 | 0.5 | 0.2 | 13 | 0.53 | 0.041 | 28 | 12 | 0.29 | 123 | 0.004 | 2 | 0.69 | 0.004 | 0.06 | 0.2 | 0.1 | 1.6 |
| 10-Jul-11 | Lukasz Malek | | 1217345 | 0.2 | 0.6 | 0.1 | 18 | 0.36 | 0.051 | 17 | 13 | 0.26 | 144 | 0.009 | <1 | 0.61 | 0.004 | 0.04 | 0.2 | 0.07 | 1.9 |
| 10-Jul-11 | Lukasz Malek | | 1217346 | 0.1 | 0.5 | 0.1 | 15 | 0.28 | 0.043 | 26 | 13 | 0.23 | 111 | 0.005 | 1 | 0.63 | 0.004 | 0.06 | 0.1 | 0.13 | 2.3 |
| 10-Jul-11 | Lukasz Malek | | 1217347 | | | | | | | | | | | | | | | | | | |
| 13-Jul-11 | Myles Rusk | | 1217401 | <0.1 | 0.5 | 0.2 | 25 | 0.06 | 0.044 | 23 | 17 | 0.34 | 79 | 0.012 | <1 | 1.11 | 0.003 | 0.03 | 0.2 | 0.04 | 1.2 |
| 13-Jul-11 | Myles Rusk | | 1217402 | 0.1 | 0.6 | 0.2 | 26 | 0.07 | 0.045 | 24 | 17 | 0.34 | 120 | 0.016 | <1 | 1.03 | 0.004 | 0.04 | 0.2 | 0.05 | 1.6 |
| 13-Jul-11 | Myles Rusk | | 1217403 | <0.1 | 0.6 | 0.2 | 24 | 0.05 | 0.03 | 39 | 18 | 0.41 | 270 | 0.013 | <1 | 1.19 | 0.005 | 0.04 | 0.2 | 0.04 | 2.2 |
| 13-Jul-11 | Myles Rusk | | 1217404 | 0.5 | 0.7 | 0.5 | 24 | 0.12 | 0.073 | 33 | 18 | 0.31 | 148 | 0.011 | <1 | 1.18 | 0.005 | 0.04 | 0.3 | 0.05 | 3.1 |
| 13-Jul-11 | Myles Rusk | | 1217405 | <0.1 | 0.5 | 0.2 | 26 | 0.21 | 0.034 | 24 | 16 | 0.28 | 136 | 0.008 | <1 | 1.04 | 0.005 | 0.03 | 0.2 | 0.04 | 1.4 |
| 13-Jul-11 | Myles Rusk | | 1217406 | 0.1 | 0.3 | 0.4 | 19 | 0.75 | 0.071 | 46 | 17 | 0.34 | 136 | 0.005 | <1 | 1.11 | 0.008 | 0.04 | 0.1 | 0.04 | 1.6 |
| 13-Jul-11 | Myles Rusk | | 1217407 | <0.1 | 0.4 | 0.2 | 29 | 0.54 | 0.048 | 24 | 18 | 0.35 | 150 | 0.013 | 1 | 1.07 | 0.006 | 0.03 | 0.3 | 0.03 | 1.7 |
| 13-Jul-11 | Myles Rusk | | 1217408 | <0.1 | 0.5 | 0.2 | 29 | 0.32 | 0.057 | 23 | 19 | 0.34 | 200 | 0.015 | <1 | 1.05 | 0.006 | 0.03 | 0.3 | 0.04 | 2.2 |
| 13-Jul-11 | Myles Rusk | | 1217409 | <0.1 | 0.5 | 0.2 | 43 | 0.38 | 0.05 | 14 | 19 | 0.31 | 147 | 0.015 | <1 | 1.04 | 0.006 | 0.03 | 0.4 | 0.03 | 1 |
| 13-Jul-11 | Myles Rusk | | 1217410 | 0.1 | 0.5 | 0.2 | 37 | 0.45 | 0.054 | 14 | 19 | 0.29 | 171 | 0.013 | <1 | 1.08 | 0.007 | 0.03 | 0.4 | 0.03 | 0.9 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|--------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 13-Jul-11 | Myles Rusk | | 1217411 | 0.1 | 0.7 | 0.2 | 42 | 0.18 | 0.055 | 17 | 20 | 0.27 | 102 | 0.018 | <1 | 1.02 | 0.005 | 0.04 | 0.5 | 0.03 | 1.1 |
| 13-Jul-11 | Myles Rusk | | 1217412 | 0.1 | 0.5 | 0.2 | 34 | 0.33 | 0.053 | 18 | 19 | 0.3 | 158 | 0.018 | <1 | 0.97 | 0.005 | 0.03 | 0.6 | 0.06 | 1.2 |
| 13-Jul-11 | Myles Rusk | | 1217413 | <0.1 | 0.5 | 0.2 | 27 | 0.22 | 0.046 | 22 | 17 | 0.33 | 126 | 0.013 | <1 | 0.99 | 0.004 | 0.03 | 0.3 | 0.03 | 1.2 |
| 13-Jul-11 | Myles Rusk | | 1217414 | <0.1 | 0.4 | 0.2 | 28 | 0.2 | 0.038 | 18 | 15 | 0.29 | 90 | 0.014 | <1 | 0.9 | 0.003 | 0.03 | 0.3 | 0.03 | 0.9 |
| 13-Jul-11 | Myles Rusk | | 1217415 | <0.1 | 0.5 | 0.2 | 31 | 0.09 | 0.04 | 16 | 19 | 0.29 | 96 | 0.02 | <1 | 1.05 | 0.005 | 0.03 | 0.2 | 0.03 | 1.1 |
| 13-Jul-11 | Myles Rusk | | 1217416 | <0.1 | 0.5 | 0.2 | 30 | 0.1 | 0.063 | 20 | 18 | 0.3 | 90 | 0.022 | <1 | 0.95 | 0.003 | 0.03 | 0.3 | 0.03 | 1.2 |
| 13-Jul-11 | Myles Rusk | | 1217417 | 0.1 | 0.6 | 0.1 | 25 | 0.09 | 0.052 | 19 | 16 | 0.32 | 84 | 0.018 | <1 | 0.93 | 0.004 | 0.03 | 0.2 | 0.02 | 1.1 |
| 13-Jul-11 | Myles Rusk | | 1217418 | <0.1 | 0.7 | 0.2 | 28 | 0.06 | 0.036 | 19 | 18 | 0.33 | 67 | 0.017 | <1 | 1.03 | 0.003 | 0.04 | 0.2 | 0.02 | 1.1 |
| 13-Jul-11 | Myles Rusk | | 1217419 | 0.1 | 0.7 | 0.2 | 24 | 0.11 | 0.066 | 25 | 19 | 0.36 | 112 | 0.009 | <1 | 1.17 | 0.005 | 0.05 | 0.2 | 0.04 | 1 |
| 13-Jul-11 | Myles Rusk | | 1217420 | <0.1 | 0.6 | 0.2 | 20 | 0.09 | 0.045 | 26 | 17 | 0.38 | 74 | 0.01 | <1 | 1.02 | 0.004 | 0.05 | 0.2 | 0.03 | 1.1 |
| 13-Jul-11 | Myles Rusk | | 1217421 | <0.1 | 0.3 | 0.2 | 23 | 0.1 | 0.05 | 18 | 15 | 0.27 | 95 | 0.009 | <1 | 0.87 | 0.004 | 0.03 | 0.3 | 0.05 | 0.7 |
| 13-Jul-11 | Myles Rusk | | 1217422 | <0.1 | 0.3 | 0.2 | 23 | 0.09 | 0.051 | 17 | 16 | 0.28 | 89 | 0.008 | <1 | 0.92 | 0.004 | 0.03 | 0.3 | 0.05 | 0.7 |
| 13-Jul-11 | Myles Rusk | | 1217423 | 0.1 | 0.6 | 0.3 | 19 | 0.13 | 0.053 | 40 | 17 | 0.43 | 144 | 0.01 | <1 | 1.14 | 0.005 | 0.05 | 0.2 | 0.02 | 1.6 |
| 13-Jul-11 | Myles Rusk | | 1217424 | 0.2 | 0.7 | 0.2 | 22 | 0.1 | 0.059 | 31 | 21 | 0.41 | 148 | 0.01 | <1 | 1.16 | 0.005 | 0.05 | 0.2 | 0.03 | 1.4 |
| 13-Jul-11 | Myles Rusk | | 1217425 | 0.2 | 1.9 | 0.3 | 28 | 0.19 | 0.054 | 37 | 24 | 0.52 | 168 | 0.019 | <1 | 1.39 | 0.008 | 0.08 | 0.3 | 0.04 | 2.3 |
| 13-Jul-11 | Myles Rusk | | 1217426 | <0.1 | 0.9 | 0.2 | 16 | 0.12 | 0.046 | 35 | 15 | 0.31 | 80 | 0.011 | <1 | 0.83 | 0.005 | 0.05 | 0.2 | 0.03 | 1.6 |
| 13-Jul-11 | Myles Rusk | | 1217427 | 0.1 | 1.5 | 0.2 | 24 | 0.19 | 0.057 | 33 | 20 | 0.46 | 139 | 0.019 | <1 | 1.19 | 0.007 | 0.07 | 0.3 | 0.04 | 1.9 |
| 13-Jul-11 | Myles Rusk | | 1217428 | 0.2 | 1 | 0.2 | 21 | 0.19 | 0.048 | 31 | 18 | 0.39 | 130 | 0.011 | <1 | 1.04 | 0.006 | 0.05 | 0.2 | 0.03 | 1.4 |
| 13-Jul-11 | Myles Rusk | | 1217429 | 0.1 | 1 | 0.2 | 21 | 0.13 | 0.05 | 30 | 18 | 0.37 | 123 | 0.013 | <1 | 1.03 | 0.005 | 0.05 | 0.2 | 0.04 | 1.4 |
| 13-Jul-11 | Myles Rusk | | 1217430 | <0.1 | 0.6 | 0.3 | 27 | 0.08 | 0.073 | 23 | 18 | 0.3 | 186 | 0.004 | <1 | 1.24 | 0.006 | 0.05 | 0.2 | 0.05 | 1 |
| 14-Jul-11 | Myles Rusk | OV-0090 | 1217431 | 0.1 | 0.6 | 0.2 | 35 | 0.06 | 0.057 | 16 | 21 | 0.3 | 94 | 0.017 | <1 | 1.24 | 0.004 | 0.04 | 0.2 | 0.04 | 1.2 |
| 14-Jul-11 | Myles Rusk | OV-0091 | 1217432 | 0.2 | 0.6 | 0.2 | 35 | 0.06 | 0.054 | 14 | 24 | 0.33 | 117 | 0.018 | <1 | 1.45 | 0.004 | 0.04 | 0.2 | 0.04 | 1.6 |
| 14-Jul-11 | Myles Rusk | OV-0092 | 1217433 | 0.1 | 0.5 | 0.3 | 34 | 0.05 | 0.054 | 10 | 20 | 0.29 | 104 | 0.01 | <1 | 1.12 | 0.003 | 0.02 | 0.2 | 0.04 | 0.6 |
| 14-Jul-11 | Myles Rusk | OV-0093 | 1217434 | <0.1 | 0.6 | 0.2 | 38 | 0.06 | 0.071 | 11 | 34 | 0.31 | 206 | 0.01 | <1 | 1.53 | 0.005 | 0.03 | 0.2 | 0.05 | 1.2 |
| 14-Jul-11 | Myles Rusk | OV-0094 | 1217435 | 0.1 | 0.5 | 0.2 | 33 | 0.03 | 0.067 | 9 | 19 | 0.25 | 113 | 0.008 | <1 | 1.18 | 0.003 | 0.03 | 0.2 | 0.05 | 0.7 |
| 14-Jul-11 | Myles Rusk | OV-0095 | 1217436 | 0.2 | 0.5 | 0.2 | 34 | 0.04 | 0.066 | 11 | 21 | 0.27 | 108 | 0.012 | <1 | 1.18 | 0.003 | 0.03 | 0.2 | 0.03 | 0.9 |
| 14-Jul-11 | Myles Rusk | OV-0096 | 1217437 | 0.1 | 0.5 | 0.2 | 32 | 0.04 | 0.039 | 12 | 20 | 0.3 | 126 | 0.012 | <1 | 1.22 | 0.003 | 0.02 | 0.2 | 0.05 | 0.9 |
| 14-Jul-11 | Myles Rusk | OV-0097 | 1217438 | 0.1 | 0.5 | 0.2 | 25 | 0.03 | 0.036 | 11 | 17 | 0.25 | 60 | 0.011 | <1 | 0.91 | 0.003 | 0.02 | 0.2 | 0.03 | 0.7 |
| 14-Jul-11 | Myles Rusk | OV-0098 | 1217439 | 0.2 | 1 | 0.2 | 37 | 0.05 | 0.083 | 14 | 24 | 0.33 | 86 | 0.015 | <1 | 1.44 | 0.004 | 0.03 | 0.2 | 0.05 | 1.5 |
| 14-Jul-11 | Myles Rusk | OV-0099 | 1217440 | <0.1 | 0.9 | 0.1 | 24 | 0.05 | 0.053 | 13 | 16 | 0.21 | 86 | 0.006 | <1 | 0.93 | 0.003 | 0.02 | 0.2 | 0.06 | 0.4 |
| 14-Jul-11 | Myles Rusk | OV-0100 | 1217441 | <0.1 | 0.8 | 0.2 | 28 | 0.06 | 0.044 | 13 | 19 | 0.3 | 103 | 0.012 | <1 | 1.11 | 0.003 | 0.02 | 0.2 | 0.04 | 1.4 |
| 14-Jul-11 | Myles Rusk | OV-0101 | 1217442 | <0.1 | 0.4 | 0.2 | 29 | 0.04 | 0.042 | 10 | 17 | 0.22 | 62 | 0.007 | 1 | 0.88 | 0.003 | 0.02 | 0.2 | 0.04 | 0.5 |
| 14-Jul-11 | Myles Rusk | OV-0102 | 1217443 | <0.1 | 0.7 | 0.2 | 29 | 0.03 | 0.032 | 8 | 18 | 0.28 | 58 | 0.014 | <1 | 0.9 | 0.003 | 0.02 | 0.2 | 0.02 | 1.2 |
| 14-Jul-11 | Myles Rusk | OV-0103 | 1217444 | 0.1 | 0.6 | 0.2 | 39 | 0.04 | 0.036 | 12 | 21 | 0.29 | 87 | 0.014 | <1 | 1.13 | 0.004 | 0.03 | 0.2 | 0.03 | 1.1 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|--------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 14-Jul-11 | Myles Rusk | OV-0104 | 1217445 | 0.1 | 0.5 | 0.2 | 31 | 0.06 | 0.052 | 10 | 18 | 0.26 | 62 | 0.012 | <1 | 0.92 | 0.003 | 0.02 | 0.3 | 0.03 | 0.9 |
| 14-Jul-11 | Myles Rusk | OV-0105 | 1217446 | <0.1 | 0.5 | 0.1 | 33 | 0.06 | 0.058 | 10 | 21 | 0.29 | 97 | 0.012 | <1 | 1.21 | 0.003 | 0.02 | 0.2 | 0.04 | 1.4 |
| 14-Jul-11 | Myles Rusk | OV-0106 | 1217447 | 0.2 | 0.7 | 0.1 | 29 | 0.05 | 0.042 | 10 | 18 | 0.28 | 58 | 0.015 | <1 | 0.88 | 0.003 | 0.03 | 0.3 | 0.03 | 1.1 |
| 14-Jul-11 | Myles Rusk | OV-0107 | 1217448 | <0.1 | 0.3 | 0.2 | 32 | 0.05 | 0.069 | 12 | 19 | 0.23 | 67 | 0.008 | <1 | 1.01 | 0.003 | 0.02 | 0.1 | 0.03 | 0.5 |
| 14-Jul-11 | Myles Rusk | OV-0108 | 1217449 | 0.1 | 0.5 | 0.1 | 29 | 0.04 | 0.033 | 11 | 19 | 0.29 | 72 | 0.011 | <1 | 1 | 0.003 | 0.02 | 0.2 | 0.02 | 1.1 |
| 14-Jul-11 | Myles Rusk | OV-0109 | 1217450 | <0.1 | 0.5 | 0.1 | 30 | 0.05 | 0.039 | 9 | 17 | 0.3 | 74 | 0.013 | <1 | 0.92 | 0.003 | 0.02 | 0.2 | 0.02 | 1.1 |
| 13-Jul-11 | Sam Snelling | | 1217451 | 0.2 | 0.8 | 0.2 | 31 | 0.09 | 0.034 | 20 | 19 | 0.41 | 187 | 0.022 | <1 | 1.03 | 0.003 | 0.04 | 0.2 | 0.03 | 1.9 |
| 13-Jul-11 | Sam Snelling | | 1217452 | <0.1 | 0.7 | 0.2 | 34 | 0.05 | 0.029 | 18 | 21 | 0.32 | 125 | 0.021 | <1 | 1.22 | 0.003 | 0.05 | 0.2 | 0.04 | 2 |
| 13-Jul-11 | Sam Snelling | | 1217453 | <0.1 | 0.8 | 0.2 | 25 | 0.06 | 0.041 | 11 | 15 | 0.22 | 65 | 0.016 | <1 | 0.85 | 0.003 | 0.05 | 0.3 | 0.03 | 1.3 |
| 13-Jul-11 | Sam Snelling | | 1217454 | <0.1 | 0.7 | 0.1 | 24 | 0.1 | 0.054 | 13 | 14 | 0.25 | 120 | 0.016 | 1 | 0.79 | 0.003 | 0.03 | 0.2 | 0.02 | 1.7 |
| 13-Jul-11 | Sam Snelling | | 1217455 | <0.1 | 0.7 | 0.2 | 30 | 0.05 | 0.038 | 16 | 18 | 0.27 | 90 | 0.02 | <1 | 0.92 | 0.003 | 0.03 | 0.3 | 0.03 | 1.5 |
| 13-Jul-11 | Sam Snelling | | 1217456 | <0.1 | 0.7 | 0.2 | 32 | 0.04 | 0.029 | 11 | 18 | 0.24 | 74 | 0.019 | <1 | 0.98 | 0.003 | 0.03 | 0.2 | 0.03 | 1.2 |
| 13-Jul-11 | Sam Snelling | | 1217457 | <0.1 | 0.6 | 0.2 | 29 | 0.07 | 0.045 | 14 | 18 | 0.32 | 100 | 0.019 | <1 | 1.05 | 0.003 | 0.03 | 0.3 | 0.03 | 1.6 |
| 13-Jul-11 | Sam Snelling | | 1217458 | 0.1 | 0.6 | 0.2 | 31 | 0.04 | 0.032 | 15 | 21 | 0.36 | 85 | 0.019 | <1 | 1.24 | 0.003 | 0.03 | 0.2 | 0.04 | 1.6 |
| 13-Jul-11 | Sam Snelling | | 1217459 | <0.1 | 0.5 | 0.2 | 33 | 0.05 | 0.034 | 14 | 19 | 0.24 | 97 | 0.015 | <1 | 1.09 | 0.003 | 0.03 | 0.2 | 0.04 | 1.3 |
| 13-Jul-11 | Sam Snelling | | 1217460 | <0.1 | 0.6 | 0.2 | 41 | 0.04 | 0.034 | 13 | 23 | 0.27 | 131 | 0.023 | 1 | 1.29 | 0.004 | 0.03 | 0.2 | 0.05 | 2.3 |
| 13-Jul-11 | Sam Snelling | | 1217461 | <0.1 | 0.8 | 0.2 | 37 | 0.05 | 0.029 | 22 | 22 | 0.37 | 222 | 0.03 | <1 | 1.26 | 0.006 | 0.04 | 0.2 | 0.07 | 4 |
| 13-Jul-11 | Sam Snelling | | 1217462 | <0.1 | 0.5 | 0.2 | 34 | 0.07 | 0.055 | 16 | 16 | 0.2 | 227 | 0.009 | 1 | 0.92 | 0.003 | 0.04 | 0.2 | 0.03 | 0.7 |
| 13-Jul-11 | Sam Snelling | | 1217463 | <0.1 | 0.4 | 0.2 | 26 | 0.04 | 0.04 | 13 | 13 | 0.19 | 57 | 0.01 | 1 | 0.72 | 0.002 | 0.03 | 0.2 | 0.02 | 0.6 |
| 13-Jul-11 | Sam Snelling | | 1217464 | 0.1 | 0.5 | 0.2 | 25 | 0.07 | 0.042 | 16 | 15 | 0.25 | 100 | 0.013 | <1 | 0.88 | 0.003 | 0.04 | 0.3 | 0.03 | 1.1 |
| 13-Jul-11 | Sam Snelling | | 1217465 | <0.1 | 0.4 | 0.2 | 25 | 0.05 | 0.035 | 18 | 16 | 0.27 | 123 | 0.012 | <1 | 0.95 | 0.002 | 0.03 | 0.2 | 0.03 | 1.3 |
| 13-Jul-11 | Sam Snelling | | 1217466 | <0.1 | 0.6 | 0.2 | 24 | 0.07 | 0.03 | 22 | 17 | 0.29 | 167 | 0.015 | 1 | 0.9 | 0.003 | 0.04 | 0.2 | 0.04 | 2 |
| 13-Jul-11 | Sam Snelling | | 1217467 | <0.1 | 0.5 | 0.2 | 32 | 0.05 | 0.033 | 13 | 16 | 0.22 | 108 | 0.016 | <1 | 0.98 | 0.002 | 0.03 | 0.2 | 0.02 | 1.4 |
| 13-Jul-11 | Sam Snelling | | 1217468 | <0.1 | 0.8 | 0.2 | 31 | 0.08 | 0.021 | 13 | 16 | 0.25 | 177 | 0.019 | <1 | 0.92 | 0.003 | 0.03 | 0.2 | 0.03 | 1.4 |
| 13-Jul-11 | Sam Snelling | | 1217469 | <0.1 | 0.7 | 0.2 | 21 | 0.41 | 0.044 | 26 | 15 | 0.3 | 93 | 0.014 | <1 | 0.88 | 0.004 | 0.04 | 0.2 | 0.05 | 1.8 |
| 13-Jul-11 | Sam Snelling | | 1217470 | 0.1 | 0.6 | 0.2 | 21 | 0.39 | 0.049 | 24 | 16 | 0.29 | 98 | 0.011 | <1 | 0.93 | 0.004 | 0.04 | 0.2 | 0.04 | 1.8 |
| 13-Jul-11 | Sam Snelling | | 1217471 | <0.1 | 0.5 | 0.2 | 21 | 0.28 | 0.044 | 18 | 15 | 0.26 | 110 | 0.011 | <1 | 0.82 | 0.003 | 0.03 | 0.2 | 0.04 | 1.7 |
| 13-Jul-11 | Sam Snelling | | 1217472 | <0.1 | 0.5 | 0.1 | 26 | 0.13 | 0.043 | 18 | 16 | 0.25 | 269 | 0.014 | <1 | 0.88 | 0.003 | 0.03 | 0.2 | 0.04 | 1.8 |
| 13-Jul-11 | Sam Snelling | | 1217473 | 0.1 | 0.5 | 0.1 | 24 | 0.1 | 0.049 | 13 | 14 | 0.21 | 195 | 0.01 | <1 | 0.7 | 0.002 | 0.03 | 0.2 | 0.03 | 0.9 |
| 13-Jul-11 | Sam Snelling | | 1217474 | <0.1 | 0.5 | 0.2 | 18 | 0.1 | 0.042 | 38 | 16 | 0.47 | 191 | 0.009 | <1 | 1.09 | 0.003 | 0.05 | 0.2 | 0.03 | 1.6 |
| 13-Jul-11 | Sam Snelling | | 1217475 | <0.1 | 0.5 | 0.1 | 25 | 0.07 | 0.034 | 17 | 16 | 0.27 | 116 | 0.015 | <1 | 0.96 | 0.003 | 0.03 | 0.2 | 0.03 | 1.7 |
| 13-Jul-11 | Sam Snelling | | 1217476 | <0.1 | 0.4 | 0.2 | 25 | 0.11 | 0.03 | 26 | 17 | 0.38 | 228 | 0.014 | <1 | 1.1 | 0.005 | 0.04 | 0.2 | 0.03 | 2.1 |
| 14-Jul-11 | Sam Snelling | OV-0294 | 1217477 | <0.1 | 0.6 | 0.1 | 22 | 0.15 | 0.049 | 12 | 13 | 0.23 | 156 | 0.02 | <1 | 0.67 | 0.003 | 0.04 | 0.1 | 0.03 | 2 |
| 14-Jul-11 | Sam Snelling | OV-0293 | 1217478 | <0.1 | 0.7 | 0.1 | 22 | 0.19 | 0.054 | 10 | 13 | 0.24 | 218 | 0.018 | <1 | 0.63 | 0.004 | 0.04 | 0.1 | 0.04 | 1.9 |
| 14-Jul-11 | Sam Snelling | OV-0292 | 1217479 | 0.1 | 0.6 | 0.2 | 24 | 0.28 | 0.058 | 20 | 18 | 0.33 | 272 | 0.014 | <1 | 0.89 | 0.005 | 0.05 | 0.2 | 0.03 | 2.1 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|--------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 14-Jul-11 | Sam Snelling | OV-0291 | 1217480 | 0.2 | 0.7 | 0.2 | 26 | 0.29 | 0.055 | 24 | 31 | 0.39 | 256 | 0.015 | <1 | 1.01 | 0.005 | 0.06 | 0.2 | 0.03 | 2.1 |
| 14-Jul-11 | Sam Snelling | OV-0290 | 1217481 | 0.2 | 0.6 | 0.3 | 27 | 0.3 | 0.055 | 27 | 18 | 0.48 | 277 | 0.013 | 1 | 1.12 | 0.006 | 0.06 | 0.2 | 0.04 | 2.4 |
| 14-Jul-11 | Sam Snelling | OV-0289 | 1217482 | 0.1 | 0.4 | 0.2 | 26 | 0.12 | 0.038 | 17 | 15 | 0.26 | 191 | 0.013 | <1 | 0.84 | 0.003 | 0.06 | 0.2 | 0.02 | 1.1 |
| 14-Jul-11 | Sam Snelling | OV-0288 | 1217483 | 0.1 | 0.3 | 0.2 | 23 | 0.1 | 0.037 | 23 | 15 | 0.36 | 249 | 0.008 | <1 | 1.05 | 0.003 | 0.07 | <0.1 | 0.02 | 1.2 |
| 14-Jul-11 | Sam Snelling | OV-0287 | 1217484 | <0.1 | 0.8 | 0.2 | 28 | 0.08 | 0.025 | 25 | 20 | 0.42 | 215 | 0.018 | <1 | 1.33 | 0.004 | 0.07 | <0.1 | 0.03 | 2 |
| 14-Jul-11 | Sam Snelling | OV-0286 | 1217485 | <0.1 | 0.9 | 0.2 | 31 | 0.07 | 0.021 | 25 | 18 | 0.29 | 312 | 0.018 | <1 | 1.07 | 0.004 | 0.04 | 0.2 | 0.04 | 3 |
| 14-Jul-11 | Sam Snelling | OV-0285 | 1217486 | <0.1 | 0.6 | 0.1 | 28 | 0.12 | 0.025 | 12 | 14 | 0.22 | 187 | 0.015 | <1 | 0.83 | 0.002 | 0.05 | 0.2 | 0.03 | 1.3 |
| 14-Jul-11 | Sam Snelling | OV-0284 | 1217487 | <0.1 | 0.8 | 0.2 | 23 | 0.12 | 0.02 | 15 | 15 | 0.28 | 147 | 0.015 | <1 | 0.75 | 0.003 | 0.06 | 0.3 | 0.01 | 1.2 |
| 14-Jul-11 | Sam Snelling | OV-0283 | 1217488 | <0.1 | 0.9 | 0.2 | 26 | 0.09 | 0.027 | 11 | 16 | 0.29 | 136 | 0.02 | 1 | 0.8 | 0.003 | 0.05 | 0.3 | 0.02 | 1.4 |
| 14-Jul-11 | Sam Snelling | OV-0282 | 1217489 | 0.1 | 0.9 | 0.3 | 25 | 0.27 | 0.031 | 28 | 17 | 0.41 | 115 | 0.014 | <1 | 0.96 | 0.006 | 0.06 | 0.1 | 0.04 | 3.6 |
| 14-Jul-11 | Sam Snelling | OV-0546 | 1217490 | <0.1 | 0.4 | 0.1 | 23 | 0.07 | 0.037 | 18 | 12 | 0.2 | 115 | 0.013 | <1 | 0.71 | 0.003 | 0.04 | 0.2 | <0.01 | 1 |
| 14-Jul-11 | Sam Snelling | OV-0595 | 1217491 | <0.1 | 0.7 | 0.2 | 22 | 0.06 | 0.025 | 13 | 14 | 0.24 | 104 | 0.015 | <1 | 0.73 | 0.002 | 0.04 | 0.2 | 0.02 | 1.3 |
| 14-Jul-11 | Sam Snelling | OV-0594 | 1217492 | <0.1 | 0.7 | 0.2 | 23 | 0.05 | 0.03 | 16 | 14 | 0.23 | 103 | 0.015 | <1 | 0.74 | 0.002 | 0.04 | 0.2 | 0.02 | 1.1 |
| 14-Jul-11 | Sam Snelling | OV-0593 | 1217493 | <0.1 | 0.6 | 0.1 | 24 | 0.04 | 0.022 | 12 | 15 | 0.26 | 101 | 0.017 | <1 | 0.88 | 0.002 | 0.04 | 0.2 | <0.01 | 1.1 |
| 14-Jul-11 | Sam Snelling | OV-0592 | 1217494 | <0.1 | 0.6 | 0.2 | 27 | 0.05 | 0.02 | 26 | 17 | 0.31 | 169 | 0.02 | <1 | 1.01 | 0.003 | 0.04 | 0.2 | 0.04 | 1.8 |
| 14-Jul-11 | Sam Snelling | OV-0591 | 1217495 | <0.1 | 0.4 | 0.3 | 31 | 0.04 | 0.051 | 22 | 16 | 0.27 | 127 | 0.015 | <1 | 1.02 | 0.003 | 0.04 | 0.1 | <0.01 | 0.9 |
| 14-Jul-11 | Sam Snelling | OV-0590 | 1217496 | 0.1 | 0.8 | 0.2 | 33 | 0.03 | 0.028 | 14 | 20 | 0.32 | 153 | 0.015 | <1 | 1.35 | 0.003 | 0.04 | 0.3 | <0.01 | 1.3 |
| 14-Jul-11 | Sam Snelling | OV-0589 | 1217497 | <0.1 | 0.5 | 0.2 | 17 | 0.03 | 0.023 | 33 | 13 | 0.26 | 107 | 0.012 | 1 | 0.82 | 0.003 | 0.03 | <0.1 | 0.07 | 1.4 |
| 14-Jul-11 | Sam Snelling | OV-0588 | 1217498 | <0.1 | 0.4 | 0.3 | 17 | 0.02 | 0.02 | 38 | 15 | 0.26 | 111 | 0.009 | <1 | 1.08 | 0.003 | 0.03 | <0.1 | 0.05 | 1.9 |
| 14-Jul-11 | Sam Snelling | OV-0587 | 1217499 | <0.1 | 0.7 | 0.1 | 23 | 0.05 | 0.04 | 11 | 14 | 0.25 | 71 | 0.022 | <1 | 0.72 | 0.002 | 0.03 | 0.4 | 0.03 | 1.4 |
| 14-Jul-11 | Sam Snelling | OV-0586 | 1217500 | <0.1 | 0.3 | 0.3 | 14 | 0.04 | 0.023 | 47 | 16 | 0.44 | 77 | 0.003 | <1 | 1.35 | 0.003 | 0.04 | <0.1 | <0.01 | 0.9 |
| 15-Jul-11 | Conner McKay | OV-0331 | 1217501 | <0.1 | 0.5 | 0.2 | 28 | 0.03 | 0.032 | 21 | 15 | 0.2 | 46 | 0.007 | 2 | 0.8 | 0.004 | 0.03 | 0.1 | 0.02 | 0.5 |
| 15-Jul-11 | Conner McKay | OV-0340 | 1217502 | 0.1 | 0.4 | 0.2 | 25 | 0.05 | 0.039 | 19 | 17 | 0.26 | 65 | 0.008 | 2 | 0.95 | 0.004 | 0.03 | 0.1 | 0.04 | 0.6 |
| 15-Jul-11 | Conner McKay | OV-0341 | 1217503 | 0.1 | 0.5 | 0.2 | 29 | 0.04 | 0.033 | 18 | 19 | 0.3 | 70 | 0.01 | 2 | 1.04 | 0.004 | 0.03 | 0.2 | 0.04 | 1.3 |
| 15-Jul-11 | Conner McKay | OV-0342 | 1217504 | 0.1 | 0.6 | 0.1 | 27 | 0.05 | 0.042 | 14 | 17 | 0.28 | 76 | 0.009 | 1 | 0.97 | 0.004 | 0.03 | 0.2 | 0.02 | 1.1 |
| 15-Jul-11 | Conner McKay | OV-0343 | 1217505 | <0.1 | 0.6 | 0.2 | 28 | 0.04 | 0.042 | 22 | 21 | 0.33 | 80 | 0.01 | 1 | 1.18 | 0.004 | 0.03 | 0.2 | 0.04 | 1.6 |
| 15-Jul-11 | Conner McKay | OV-0344 | 1217506 | 0.2 | 0.6 | 0.2 | 30 | 0.05 | 0.042 | 19 | 21 | 0.32 | 85 | 0.011 | <1 | 1.14 | 0.004 | 0.03 | 0.2 | 0.03 | 1.8 |
| 15-Jul-11 | Conner McKay | OV-0345 | 1217507 | 0.1 | 1 | 0.2 | 32 | 0.04 | 0.057 | 17 | 18 | 0.2 | 90 | 0.01 | <1 | 0.94 | 0.004 | 0.02 | 0.2 | 0.04 | 1.1 |
| 15-Jul-11 | Conner McKay | OV-0346 | 1217508 | <0.1 | 0.5 | 0.2 | 26 | 0.04 | 0.034 | 12 | 16 | 0.25 | 56 | 0.009 | <1 | 0.78 | 0.004 | 0.03 | 0.2 | 0.03 | 0.7 |
| 15-Jul-11 | Conner McKay | OV-0347 | 1217509 | 0.1 | 0.6 | 0.1 | 27 | 0.05 | 0.035 | 16 | 17 | 0.27 | 71 | 0.011 | 1 | 0.89 | 0.004 | 0.03 | 0.2 | 0.03 | 1.3 |
| 15-Jul-11 | Conner McKay | OV-0348 | 1217510 | 0.2 | 0.6 | 0.1 | 30 | 0.06 | 0.041 | 19 | 20 | 0.3 | 84 | 0.012 | <1 | 1 | 0.004 | 0.03 | 0.2 | 0.05 | 1.4 |
| 15-Jul-11 | Conner McKay | OV-0349 | 1217511 | 0.2 | 0.7 | 0.2 | 34 | 0.05 | 0.047 | 18 | 22 | 0.31 | 87 | 0.013 | 1 | 1.1 | 0.004 | 0.03 | 0.3 | 0.06 | 1.6 |
| 15-Jul-11 | Conner McKay | OV-0350 | 1217512 | 0.2 | 0.6 | 0.2 | 35 | 0.07 | 0.058 | 18 | 24 | 0.37 | 126 | 0.012 | 1 | 1.32 | 0.005 | 0.03 | 0.2 | 0.05 | 1.7 |
| 15-Jul-11 | Conner McKay | OV-0351 | 1217513 | 0.2 | 0.9 | 0.2 | 32 | 0.08 | 0.049 | 19 | 20 | 0.3 | 66 | 0.011 | <1 | 0.97 | 0.004 | 0.03 | 0.2 | 0.04 | 1.2 |
| 15-Jul-11 | Conner McKay | OV-0352 | 1217514 | <0.1 | 0.4 | 0.2 | 19 | 0.03 | 0.036 | 41 | 18 | 0.39 | 49 | 0.005 | <1 | 1.11 | 0.003 | 0.02 | 0.1 | 0.02 | 0.9 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|--------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 15-Jul-11 | Conner McKay | OV-0353 | 1217515 | <0.1 | 0.5 | 0.2 | 26 | 0.05 | 0.039 | 22 | 17 | 0.25 | 80 | 0.007 | <1 | 0.92 | 0.003 | 0.03 | 0.2 | 0.04 | 1.1 |
| 15-Jul-11 | Conner McKay | OV-0354 | 1217516 | 0.3 | 0.8 | 0.2 | 31 | 0.09 | 0.049 | 22 | 21 | 0.36 | 98 | 0.019 | 1 | 1.04 | 0.007 | 0.04 | 0.3 | 0.03 | 1.9 |
| 15-Jul-11 | Conner McKay | OV-0355 | 1217517 | <0.1 | 0.6 | 0.1 | 29 | 0.06 | 0.035 | 15 | 17 | 0.27 | 62 | 0.011 | <1 | 0.9 | 0.003 | 0.03 | 0.2 | 0.02 | 1 |
| 15-Jul-11 | Conner McKay | OV-0356 | 1217518 | <0.1 | 0.5 | 0.1 | 26 | 0.05 | 0.029 | 18 | 17 | 0.28 | 76 | 0.01 | <1 | 0.88 | 0.005 | 0.05 | 0.1 | 0.04 | 0.9 |
| 15-Jul-11 | Conner McKay | OV-0357 | 1217519 | 0.1 | 0.7 | 0.2 | 36 | 0.06 | 0.044 | 17 | 23 | 0.34 | 96 | 0.014 | <1 | 1.23 | 0.004 | 0.05 | 0.2 | 0.04 | 1.6 |
| 15-Jul-11 | Conner McKay | OV-0358 | 1217520 | 0.2 | 0.7 | 0.1 | 33 | 0.06 | 0.04 | 18 | 21 | 0.35 | 116 | 0.014 | <1 | 1.09 | 0.005 | 0.04 | 0.2 | 0.05 | 1.8 |
| 15-Jul-11 | Conner McKay | OV-0359 | 1217521 | 0.1 | 0.5 | 0.1 | 25 | 0.04 | 0.048 | 15 | 17 | 0.24 | 55 | 0.005 | <1 | 0.84 | 0.004 | 0.04 | 0.2 | 0.03 | 0.5 |
| 15-Jul-11 | Conner McKay | OV-0360 | 1217522 | 0.1 | 0.6 | 0.2 | 29 | 0.08 | 0.058 | 14 | 17 | 0.26 | 50 | 0.01 | 2 | 0.83 | 0.004 | 0.03 | 0.3 | 0.03 | 0.7 |
| 15-Jul-11 | Conner McKay | OV-0361 | 1217523 | <0.1 | 0.5 | 0.2 | 35 | 0.05 | 0.041 | 13 | 19 | 0.26 | 60 | 0.013 | 1 | 0.97 | 0.004 | 0.04 | 0.3 | 0.06 | 1.1 |
| 15-Jul-11 | Conner McKay | OV-0362 | 1217524 | 0.2 | 0.7 | 0.2 | 32 | 0.14 | 0.063 | 21 | 19 | 0.21 | 66 | 0.016 | <1 | 0.67 | 0.006 | 0.05 | 1 | 0.04 | 1.1 |
| 15-Jul-11 | Conner McKay | OV-0363 | 1217525 | <0.1 | 0.5 | 0.2 | 35 | 0.03 | 0.023 | 10 | 13 | 0.14 | 35 | 0.012 | <1 | 0.58 | 0.005 | 0.02 | 0.3 | 0.03 | 0.7 |
| 15-Jul-11 | Conner McKay | OV-0364 | 1217526 | <0.1 | 0.3 | 0.1 | 19 | 0.02 | 0.019 | 13 | 8 | 0.07 | 41 | 0.01 | <1 | 0.47 | 0.004 | 0.04 | 0.1 | 0.03 | 0.4 |
| 15-Jul-11 | Conner McKay | OV-0365 | 1217527 | 0.1 | 0.8 | 0.2 | 37 | 0.07 | 0.036 | 14 | 17 | 0.25 | 74 | 0.014 | <1 | 0.88 | 0.004 | 0.04 | 0.3 | 0.05 | 1.3 |
| 15-Jul-11 | Conner McKay | OV-0366 | 1217528 | <0.1 | 0.6 | 0.2 | 37 | 0.05 | 0.041 | 12 | 16 | 0.22 | 70 | 0.007 | <1 | 0.89 | 0.004 | 0.02 | 0.2 | 0.04 | 0.6 |
| 15-Jul-11 | Conner McKay | OV-0367 | 1217529 | <0.1 | 0.6 | 0.2 | 28 | 0.04 | 0.048 | 14 | 16 | 0.25 | 61 | 0.005 | <1 | 0.91 | 0.004 | 0.04 | 0.2 | 0.05 | 0.6 |
| 15-Jul-11 | Conner McKay | OV-0368 | 1217530 | <0.1 | 0.4 | 0.2 | 23 | 0.06 | 0.042 | 22 | 10 | 0.1 | 67 | 0.006 | 1 | 0.46 | 0.005 | 0.02 | 0.5 | 0.05 | 0.5 |
| 15-Jul-11 | Conner McKay | OV-0369 | 1217531 | 0.3 | 0.6 | 0.1 | 23 | 0.12 | 0.054 | 12 | 13 | 0.25 | 66 | 0.013 | <1 | 0.76 | 0.004 | 0.03 | 0.3 | 0.05 | 1.1 |
| 15-Jul-11 | Conner McKay | OV-0370 | 1217532 | <0.1 | 0.6 | 0.1 | 29 | 0.08 | 0.035 | 13 | 13 | 0.22 | 76 | 0.014 | <1 | 0.83 | 0.004 | 0.02 | 0.3 | 0.03 | 1.2 |
| 23-Jul-11 | Conner McKay | OV-1087 | 1217664 | 0.1 | 0.8 | 0.2 | 31 | 0.06 | 0.027 | 19 | 18 | 0.33 | 263 | 0.019 | 1 | 1.01 | 0.004 | 0.04 | 0.2 | 0.04 | 2.1 |
| 23-Jul-11 | Conner McKay | OV-1088 | 1217665 | 0.1 | 0.7 | 0.2 | 34 | 0.06 | 0.036 | 17 | 22 | 0.34 | 138 | 0.018 | <1 | 1.08 | 0.004 | 0.03 | 0.2 | 0.03 | 1.9 |
| 23-Jul-11 | Conner McKay | OV-1089 | 1217666 | 0.1 | 0.7 | 0.2 | 37 | 0.07 | 0.033 | 17 | 21 | 0.37 | 190 | 0.023 | 1 | 1.18 | 0.006 | 0.04 | 0.2 | 0.02 | 2.2 |
| 23-Jul-11 | Conner McKay | OV-1090 | 1217667 | 0.1 | 0.7 | 0.2 | 34 | 0.06 | 0.038 | 13 | 22 | 0.34 | 83 | 0.019 | <1 | 1.25 | 0.003 | 0.03 | 0.2 | 0.03 | 1.9 |
| 23-Jul-11 | Conner McKay | OV-1091 | 1217668 | <0.1 | 0.6 | 0.2 | 37 | 0.04 | 0.022 | 11 | 19 | 0.26 | 49 | 0.029 | <1 | 0.88 | 0.003 | 0.03 | 0.2 | 0.02 | 1.5 |
| 23-Jul-11 | Conner McKay | OV-1092 | 1217669 | <0.1 | 0.6 | 0.2 | 29 | 0.06 | 0.023 | 19 | 19 | 0.35 | 121 | 0.019 | <1 | 1.02 | 0.005 | 0.03 | 0.2 | 0.02 | 1.5 |
| 23-Jul-11 | Conner McKay | OV-1093 | 1217670 | <0.1 | 0.6 | 0.2 | 40 | 0.07 | 0.045 | 14 | 23 | 0.33 | 119 | 0.022 | <1 | 1.22 | 0.004 | 0.03 | 0.2 | 0.03 | 2.4 |
| 23-Jul-11 | Conner McKay | OV-1094 | 1217671 | <0.1 | 0.6 | 0.2 | 39 | 0.06 | 0.032 | 14 | 21 | 0.29 | 69 | 0.026 | 2 | 0.95 | 0.003 | 0.03 | 0.2 | <0.01 | 1.1 |
| 23-Jul-11 | Conner McKay | OV-1095 | 1217672 | <0.1 | 0.3 | 0.2 | 37 | 0.03 | 0.055 | 16 | 20 | 0.19 | 60 | 0.013 | <1 | 0.93 | 0.003 | 0.02 | <0.1 | 0.03 | 0.6 |
| 23-Jul-11 | Conner McKay | OV-1096 | 1217673 | 0.1 | 0.7 | 0.2 | 38 | 0.08 | 0.04 | 14 | 24 | 0.39 | 121 | 0.023 | <1 | 1.3 | 0.005 | 0.03 | 0.2 | 0.07 | 2.1 |
| 23-Jul-11 | Conner McKay | OV-1097 | 1217674 | <0.1 | 0.6 | 0.1 | 27 | 0.06 | 0.04 | 10 | 17 | 0.25 | 66 | 0.012 | <1 | 0.92 | 0.003 | 0.02 | 0.2 | 0.03 | 1 |
| 23-Jul-11 | Conner McKay | OV-1098 | 1217675 | <0.1 | 0.4 | 0.2 | 36 | 0.06 | 0.039 | 16 | 20 | 0.24 | 92 | 0.021 | <1 | 1.04 | 0.004 | 0.02 | 0.1 | 0.01 | 1.4 |
| 23-Jul-11 | Conner McKay | OV-1099 | 1217676 | <0.1 | 0.5 | 0.2 | 34 | 0.07 | 0.046 | 14 | 22 | 0.28 | 96 | 0.013 | <1 | 1.03 | 0.003 | 0.03 | 0.1 | 0.04 | 0.6 |
| 23-Jul-11 | Conner McKay | OV-1100 | 1217677 | <0.1 | 0.3 | 0.2 | 29 | 0.04 | 0.041 | 10 | 16 | 0.15 | 57 | 0.007 | <1 | 0.71 | 0.004 | 0.02 | <0.1 | 0.04 | 0.2 |
| 23-Jul-11 | Conner McKay | OV-1101 | 1217678 | <0.1 | 0.4 | 0.2 | 38 | 0.05 | 0.055 | 12 | 20 | 0.22 | 99 | 0.01 | <1 | 1.08 | 0.005 | 0.03 | 0.1 | 0.03 | 0.4 |
| 23-Jul-11 | Conner McKay | OV-1102 | 1217679 | <0.1 | 0.5 | 0.2 | 34 | 0.07 | 0.042 | 13 | 21 | 0.29 | 94 | 0.017 | <1 | 1.02 | 0.003 | 0.03 | 0.2 | 0.02 | 1.4 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|--------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 23-Jul-11 | Conner McKay | OV-1103 | 1217680 | 0.1 | 0.6 | 0.2 | 30 | 0.06 | 0.034 | 15 | 17 | 0.3 | 122 | 0.014 | <1 | 0.97 | 0.004 | 0.03 | 0.1 | 0.02 | 1.4 |
| 23-Jul-11 | Conner McKay | OV-1104 | 1217681 | 0.2 | 0.5 | 0.1 | 26 | 0.05 | 0.032 | 13 | 17 | 0.23 | 72 | 0.009 | <1 | 0.87 | 0.003 | 0.02 | 0.1 | 0.02 | 0.6 |
| 23-Jul-11 | Conner McKay | OV-1105 | 1217682 | 0.2 | 0.3 | 0.2 | 41 | 0.05 | 0.033 | 11 | 18 | 0.13 | 61 | 0.015 | <1 | 0.8 | 0.004 | 0.03 | <0.1 | 0.03 | 0.5 |
| 23-Jul-11 | Conner McKay | OV-1106 | 1217683 | 0.2 | 0.3 | 0.2 | 24 | 0.05 | 0.047 | 10 | 14 | 0.13 | 78 | 0.006 | <1 | 0.69 | 0.004 | 0.02 | 0.1 | 0.04 | 0.2 |
| 23-Jul-11 | Conner McKay | OV-1107 | 1217684 | 0.1 | 0.6 | 0.2 | 32 | 0.05 | 0.03 | 12 | 21 | 0.26 | 75 | 0.018 | <1 | 1.13 | 0.004 | 0.03 | 0.2 | 0.03 | 1.3 |
| 23-Jul-11 | Conner McKay | OV-1108 | 1217685 | 0.8 | 1.7 | 0.4 | 20 | 0.17 | 0.03 | 34 | 20 | 0.45 | 124 | 0.003 | <1 | 1.52 | 0.003 | 0.05 | <0.1 | 0.04 | 1.4 |
| 23-Jul-11 | Conner McKay | OV-1109 | 1217686 | <0.1 | 0.4 | 0.2 | 29 | 0.08 | 0.045 | 14 | 19 | 0.28 | 88 | 0.012 | <1 | 1.03 | 0.004 | 0.02 | 0.1 | 0.03 | 0.7 |
| 23-Jul-11 | Conner McKay | OV-1110 | 1217687 | 0.2 | 0.4 | 0.2 | 27 | 0.21 | 0.034 | 14 | 18 | 0.28 | 124 | 0.011 | <1 | 0.99 | 0.004 | 0.03 | 0.1 | 0.02 | 0.7 |
| 23-Jul-11 | Conner McKay | OV-1111 | 1217688 | 0.2 | 0.4 | 0.3 | 27 | 0.1 | 0.045 | 14 | 17 | 0.24 | 77 | 0.009 | <1 | 0.97 | 0.003 | 0.03 | 0.2 | 0.03 | 0.6 |
| 23-Jul-11 | Conner McKay | OV-1112 | 1217689 | <0.1 | 0.5 | 0.2 | 33 | 0.2 | 0.071 | 14 | 20 | 0.33 | 161 | 0.015 | <1 | 1.19 | 0.004 | 0.03 | 0.2 | 0.03 | 1.6 |
| 23-Jul-11 | Conner McKay | OV-1113 | 1217690 | <0.1 | 0.4 | 0.2 | 36 | 0.06 | 0.038 | 10 | 20 | 0.23 | 70 | 0.013 | <1 | 1.01 | 0.003 | 0.02 | 0.2 | 0.04 | 0.9 |
| 23-Jul-11 | Conner McKay | OV-1114 | 1217691 | 0.1 | 0.9 | 0.3 | 31 | 0.06 | 0.034 | 23 | 22 | 0.32 | 76 | 0.013 | <1 | 1.06 | 0.004 | 0.03 | 0.1 | 0.03 | 1.2 |
| 23-Jul-11 | Conner McKay | OV-1115 | 1217692 | 0.1 | 0.5 | 0.3 | 47 | 0.08 | 0.053 | 14 | 23 | 0.26 | 125 | 0.021 | <1 | 1.4 | 0.004 | 0.04 | 0.2 | 0.04 | 1.4 |
| 23-Jul-11 | Conner McKay | OV-1116 | 1217693 | <0.1 | 0.6 | 0.2 | 59 | 0.05 | 0.032 | 13 | 16 | 0.17 | 56 | 0.032 | <1 | 0.87 | 0.003 | 0.03 | 0.2 | 0.02 | 1 |
| 23-Jul-11 | Conner McKay | OV-1117 | 1217694 | 0.2 | 0.8 | 0.4 | 41 | 0.11 | 0.063 | 14 | 27 | 0.38 | 175 | 0.016 | <1 | 1.47 | 0.005 | 0.04 | 0.1 | 0.04 | 1.4 |
| 23-Jul-11 | Conner McKay | OV-1118 | 1217695 | 0.1 | 0.4 | 0.2 | 24 | 0.05 | 0.042 | 12 | 15 | 0.2 | 56 | 0.01 | <1 | 0.74 | 0.003 | 0.02 | 0.1 | 0.03 | 0.5 |
| 23-Jul-11 | Conner McKay | OV-1119 | 1217696 | <0.1 | 0.5 | 0.2 | 43 | 0.07 | 0.025 | 14 | 25 | 0.35 | 122 | 0.027 | <1 | 1.22 | 0.004 | 0.03 | 0.2 | 0.03 | 2.7 |
| 23-Jul-11 | Conner McKay | OV-1120 | 1217697 | 0.2 | 0.8 | 0.3 | 45 | 0.05 | 0.022 | 13 | 26 | 0.36 | 139 | 0.026 | 2 | 1.42 | 0.004 | 0.03 | 0.2 | 0.03 | 2.2 |
| 23-Jul-11 | Conner McKay | OV-1121 | 1217698 | 0.4 | 0.8 | 0.2 | 43 | 0.08 | 0.039 | 12 | 26 | 0.39 | 122 | 0.032 | 2 | 1.52 | 0.006 | 0.04 | 0.2 | 0.05 | 1.9 |
| 23-Jul-11 | Conner McKay | OV-1122 | 1217699 | 0.3 | 0.6 | 0.2 | 29 | 0.11 | 0.046 | 12 | 18 | 0.29 | 82 | 0.018 | 1 | 0.9 | 0.004 | 0.03 | 0.2 | 0.02 | 1.2 |
| 23-Jul-11 | Conner McKay | OV-1123 | 1217700 | 0.2 | 0.6 | 0.2 | 39 | 0.08 | 0.046 | 13 | 25 | 0.36 | 89 | 0.02 | 2 | 1.32 | 0.004 | 0.03 | 0.2 | 0.05 | 1.8 |
| 23-Jul-11 | Conner McKay | OV-1124 | 1217701 | 0.1 | 0.4 | 0.2 | 39 | 0.05 | 0.05 | 11 | 19 | 0.23 | 70 | 0.018 | <1 | 0.99 | 0.003 | 0.03 | 0.2 | 0.03 | 1.1 |
| 23-Jul-11 | Conner McKay | OV-1125 | 1217702 | 1.8 | 0.8 | 0.2 | 26 | 0.12 | 0.053 | 14 | 16 | 0.27 | 104 | 0.016 | 1 | 0.89 | 0.004 | 0.04 | 0.2 | 0.04 | 1.1 |
| 23-Jul-11 | Conner McKay | OV-1126 | 1217703 | 0.5 | 0.4 | 0.1 | 24 | 0.06 | 0.032 | 14 | 15 | 0.22 | 74 | 0.009 | <1 | 0.75 | 0.003 | 0.03 | 0.1 | 0.02 | 0.5 |
| 23-Jul-11 | Conner McKay | OV-1127 | 1217704 | 0.3 | 0.7 | 0.2 | 36 | 0.09 | 0.049 | 15 | 22 | 0.35 | 107 | 0.027 | <1 | 1.06 | 0.004 | 0.05 | 0.2 | 0.03 | 1.7 |
| 23-Jul-11 | Conner McKay | OV-1128 | 1217705 | 0.2 | 0.6 | 0.2 | 38 | 0.07 | 0.031 | 20 | 23 | 0.35 | 192 | 0.024 | 1 | 1.27 | 0.004 | 0.04 | 0.2 | 0.03 | 2.3 |
| 23-Jul-11 | Conner McKay | OV-1129 | 1217706 | 0.2 | 0.6 | 0.2 | 42 | 0.05 | 0.035 | 12 | 23 | 0.31 | 71 | 0.025 | <1 | 1.06 | 0.004 | 0.03 | 0.2 | 0.03 | 1.5 |
| 23-Jul-11 | Conner McKay | OV-1130 | 1217707 | 0.4 | 0.6 | 0.2 | 38 | 0.05 | 0.023 | 17 | 23 | 0.32 | 152 | 0.024 | <1 | 1.27 | 0.004 | 0.04 | 0.2 | 0.05 | 2.5 |
| 23-Jul-11 | Conner McKay | OV-1131 | 1217708 | 0.6 | 0.7 | 0.4 | 35 | 0.06 | 0.032 | 14 | 19 | 0.34 | 69 | 0.014 | 1 | 1.11 | 0.003 | 0.05 | 0.1 | 0.03 | 0.8 |
| 23-Jul-11 | Conner McKay | OV-1132 | 1217709 | 0.5 | 0.6 | 0.3 | 39 | 0.07 | 0.039 | 16 | 25 | 0.47 | 148 | 0.024 | <1 | 1.44 | 0.005 | 0.05 | 0.2 | 0.03 | 1.9 |
| 23-Jul-11 | Conner McKay | OV-1133 | 1217710 | 0.7 | 0.5 | 0.6 | 36 | 0.07 | 0.041 | 14 | 20 | 0.28 | 128 | 0.015 | <1 | 1.12 | 0.004 | 0.04 | 0.3 | 0.04 | 1.2 |
| 23-Jul-11 | Conner McKay | OV-1134 | 1217711 | 0.3 | 0.6 | 0.3 | 38 | 0.08 | 0.041 | 17 | 23 | 0.36 | 210 | 0.024 | <1 | 1.21 | 0.006 | 0.04 | 0.2 | 0.05 | 2.5 |
| 23-Jul-11 | Conner McKay | OV-1135 | 1217712 | 4.1 | 0.6 | 2.6 | 41 | 0.19 | 0.048 | 24 | 28 | 0.46 | 193 | 0.027 | <1 | 1.53 | 0.007 | 0.08 | 0.7 | 0.03 | 2.5 |
| 23-Jul-11 | Conner McKay | OV-1136 | 1217713 | 10 | 0.8 | 5.1 | 33 | 0.18 | 0.045 | 17 | 25 | 0.42 | 200 | 0.028 | <1 | 1.34 | 0.01 | 0.08 | 1 | 0.05 | 2.5 |
| 23-Jul-11 | Conner McKay | OV-1137 | 1217714 | | | | | | | | | | | | | | | | | | |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|--------------------------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0461 | 1217715 | 0.1 | 0.7 | 0.3 | 25 | 0.08 | 0.05 | 25 | 19 | 0.34 | 108 | 0.012 | 2 | 1.05 | 0.004 | 0.04 | 0.1 | 0.03 | 1.7 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0462 | 1217716 | <0.1 | 0.4 | 0.3 | 19 | 0.05 | 0.043 | 24 | 14 | 0.25 | 107 | 0.006 | 2 | 0.89 | 0.004 | 0.03 | 0.1 | 0.06 | 0.9 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0463 | 1217717 | <0.1 | 0.5 | 0.3 | 22 | 0.05 | 0.05 | 27 | 16 | 0.28 | 79 | 0.008 | 1 | 0.91 | 0.003 | 0.03 | 0.1 | 0.04 | 1 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0464 | 1217718 | 0.1 | 0.6 | 0.3 | 22 | 0.06 | 0.047 | 26 | 33 | 0.32 | 80 | 0.009 | 1 | 0.97 | 0.003 | 0.03 | 0.2 | 0.05 | 1.3 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0465 | 1217719 | <0.1 | 0.4 | 0.3 | 22 | 0.05 | 0.036 | 25 | 14 | 0.26 | 55 | 0.007 | 2 | 0.82 | 0.007 | 0.03 | 0.1 | 0.02 | 0.8 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0466 | 1217720 | <0.1 | 0.6 | 0.2 | 19 | 0.06 | 0.044 | 27 | 13 | 0.26 | 59 | 0.007 | 1 | 0.71 | 0.003 | 0.04 | 0.2 | 0.04 | 0.8 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0467 | 1217721 | <0.1 | 0.4 | 0.3 | 23 | 0.04 | 0.052 | 25 | 14 | 0.25 | 64 | 0.004 | 1 | 0.82 | 0.004 | 0.03 | <0.1 | 0.03 | 0.5 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0468 | 1217722 | <0.1 | 0.3 | 0.2 | 19 | 0.03 | 0.054 | 26 | 13 | 0.23 | 70 | 0.005 | 2 | 0.88 | 0.004 | 0.03 | <0.1 | 0.04 | 0.6 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0469 | 1217723 | 0.1 | 0.5 | 0.5 | 20 | 0.03 | 0.036 | 37 | 14 | 0.26 | 76 | 0.009 | 1 | 0.99 | 0.003 | 0.04 | <0.1 | 0.05 | 1 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0470 | 1217724 | <0.1 | 0.4 | 0.2 | 26 | 0.04 | 0.057 | 20 | 16 | 0.21 | 57 | 0.009 | <1 | 0.77 | 0.004 | 0.04 | 0.1 | 0.03 | 0.5 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0471 | 1217725 | 0.2 | 0.7 | 0.2 | 27 | 0.08 | 0.055 | 21 | 17 | 0.32 | 77 | 0.011 | 2 | 0.93 | 0.004 | 0.04 | 0.2 | <0.01 | 1.2 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0472 | 1217726 | 0.1 | 0.5 | 0.2 | 28 | 0.08 | 0.045 | 18 | 16 | 0.29 | 94 | 0.008 | 1 | 0.89 | 0.004 | 0.04 | 0.2 | 0.03 | 1 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0473 | 1217727 | 0.1 | 0.5 | 0.2 | 24 | 0.06 | 0.057 | 22 | 15 | 0.27 | 93 | 0.009 | <1 | 0.87 | 0.005 | 0.04 | 0.1 | 0.02 | 0.9 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0474 | 1217728 | 0.1 | 0.3 | 0.2 | 24 | 0.06 | 0.042 | 19 | 15 | 0.25 | 66 | 0.006 | 2 | 0.86 | 0.004 | 0.03 | 0.2 | 0.04 | 0.4 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0475 | 1217729 | 0.1 | 0.4 | 0.2 | 27 | 0.04 | 0.042 | 26 | 16 | 0.28 | 66 | 0.006 | <1 | 0.96 | 0.003 | 0.03 | 0.1 | 0.02 | 0.7 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0476 | 1217730 | 0.1 | 0.4 | 0.3 | 16 | 0.04 | 0.047 | 44 | 15 | 0.22 | 115 | 0.003 | 2 | 0.83 | 0.004 | 0.05 | 0.1 | 0.05 | 1 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0477 | 1217731 | 0.2 | 0.8 | 0.3 | 13 | 0.07 | 0.046 | 48 | 14 | 0.28 | 143 | 0.004 | <1 | 0.95 | 0.005 | 0.07 | 0.1 | 0.07 | 1.6 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0478 | 1217732 | 0.2 | 0.6 | 0.2 | 27 | 0.08 | 0.062 | 20 | 18 | 0.31 | 106 | 0.009 | <1 | 1.09 | 0.004 | 0.04 | 0.2 | 0.05 | 1 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0479 | 1217733 | <0.1 | 0.5 | 0.2 | 32 | 0.08 | 0.048 | 17 | 17 | 0.28 | 122 | 0.017 | <1 | 1.02 | 0.004 | 0.03 | 0.2 | 0.04 | 1.6 |
| 26-Jul-11 | Conner McKay | OV-0910 | 1217734 | <0.1 | 0.6 | 0.2 | 41 | 0.05 | 0.012 | 12 | 20 | 0.3 | 151 | 0.024 | 2 | 1.26 | 0.006 | 0.03 | 0.2 | 0.02 | 1.8 |
| 26-Jul-11 | Conner McKay | OV-0911 | 1217735 | <0.1 | 0.3 | 0.2 | 36 | 0.07 | 0.018 | 14 | 11 | 0.14 | 157 | 0.019 | <1 | 0.8 | 0.004 | 0.04 | 0.1 | 0.01 | 1 |
| 26-Jul-11 | Conner McKay | OV-0912 | 1217736 | <0.1 | 0.4 | 0.2 | 31 | 0.04 | 0.016 | 21 | 14 | 0.16 | 128 | 0.015 | <1 | 0.91 | 0.004 | 0.03 | <0.1 | 0.01 | 1.1 |
| 26-Jul-11 | Conner McKay | OV-0913 | 1217737 | <0.1 | 0.8 | 0.2 | 37 | 0.05 | 0.02 | 18 | 22 | 0.33 | 136 | 0.025 | <1 | 1.26 | 0.006 | 0.04 | 0.1 | 0.03 | 2 |
| 26-Jul-11 | Conner McKay | OV-0914 | 1217738 | <0.1 | 0.8 | 0.2 | 45 | 0.04 | 0.015 | 16 | 14 | 0.14 | 83 | 0.032 | 1 | 0.95 | 0.004 | 0.03 | 0.1 | 0.02 | 1.1 |
| 26-Jul-11 | Conner McKay | OV-0915 | 1217739 | 0.1 | 0.7 | 0.1 | 40 | 0.04 | 0.02 | 12 | 17 | 0.24 | 99 | 0.023 | <1 | 1.1 | 0.004 | 0.03 | 0.2 | <0.01 | 1.4 |
| 26-Jul-11 | Conner McKay | OV-0916 | 1217740 | <0.1 | 0.5 | 0.3 | 35 | 0.04 | 0.017 | 29 | 13 | 0.15 | 98 | 0.011 | <1 | 0.93 | 0.004 | 0.03 | 0.1 | 0.03 | 1.2 |
| 26-Jul-11 | Conner McKay | OV-0917 | 1217741 | <0.1 | 0.8 | 0.3 | 25 | 0.03 | 0.022 | 33 | 16 | 0.28 | 126 | 0.013 | <1 | 0.96 | 0.005 | 0.04 | <0.1 | 0.04 | 1.9 |
| 26-Jul-11 | Conner McKay | OV-0918 | 1217742 | <0.1 | 0.6 | 0.2 | 27 | 0.04 | 0.022 | 30 | 15 | 0.22 | 158 | 0.011 | <1 | 0.95 | 0.006 | 0.04 | <0.1 | 0.03 | 1.4 |
| 26-Jul-11 | Conner McKay | OV-0919 | 1217743 | <0.1 | 2.7 | 0.2 | 35 | 0.06 | 0.018 | 15 | 22 | 0.38 | 180 | 0.029 | <1 | 1.33 | 0.007 | 0.04 | 0.2 | 0.03 | 2.4 |
| 26-Jul-11 | Conner McKay | OV-0920 | 1217744 | 0.1 | 1.1 | 0.2 | 29 | 0.04 | 0.016 | 28 | 18 | 0.3 | 147 | 0.021 | <1 | 1.11 | 0.007 | 0.05 | 0.1 | 0.08 | 3 |
| 26-Jul-11 | Conner McKay | OV-0921 | 1217745 | <0.1 | 0.8 | 0.3 | 27 | 0.04 | 0.018 | 35 | 18 | 0.29 | 158 | 0.017 | <1 | 0.94 | 0.004 | 0.04 | 0.1 | 0.05 | 2.6 |
| 26-Jul-11 | Conner McKay | OV-0922 | 1217746 | 0.2 | 0.6 | 0.2 | 42 | 0.1 | 0.049 | 16 | 19 | 0.32 | 205 | 0.028 | 1 | 1.13 | 0.005 | 0.03 | 0.2 | 0.02 | 1.9 |
| 26-Jul-11 | Conner McKay | OV-0923 | 1217747 | 0.3 | 0.3 | 0.2 | 37 | 0.09 | 0.128 | 14 | 22 | 0.26 | 189 | 0.018 | 1 | 1.14 | 0.005 | 0.03 | 0.2 | 0.05 | 1.4 |
| 26-Jul-11 | Conner McKay | OV-0924 | 1217748 | <0.1 | 0.5 | 0.3 | 27 | 0.04 | 0.021 | 39 | 23 | 0.6 | 102 | 0.018 | <1 | 1.4 | 0.004 | 0.03 | 0.1 | 0.03 | 1.9 |
| 26-Jul-11 | Conner McKay | OV-0925 | 1217749 | <0.1 | 0.7 | 0.2 | 49 | 0.07 | 0.019 | 15 | 26 | 0.36 | 181 | 0.032 | <1 | 1.54 | 0.005 | 0.03 | 0.2 | 0.02 | 2.5 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|--------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 26-Jul-11 | Conner McKay | OV-0926 | 1217750 | <0.1 | 0.8 | 0.2 | 56 | 0.07 | 0.027 | 13 | 27 | 0.36 | 147 | 0.034 | 1 | 1.76 | 0.005 | 0.04 | 0.2 | 0.02 | 2.2 |
| 26-Jul-11 | Conner McKay | OV-0927 | 1217951 | <0.1 | 0.8 | 0.2 | 53 | 0.07 | 0.041 | 14 | 29 | 0.42 | 219 | 0.031 | <1 | 2.03 | 0.005 | 0.05 | 0.2 | 0.04 | 2.4 |
| 26-Jul-11 | Conner McKay | OV-0928 | 1217952 | <0.1 | 0.3 | 0.2 | 49 | 0.06 | 0.035 | 17 | 20 | 0.29 | 129 | 0.023 | <1 | 1.2 | 0.004 | 0.03 | 0.1 | 0.01 | 1.4 |
| 26-Jul-11 | Conner McKay | OV-0929 | 1217953 | <0.1 | 0.5 | 0.4 | 24 | 0.03 | 0.02 | 40 | 15 | 0.22 | 94 | 0.008 | <1 | 0.91 | 0.003 | 0.04 | <0.1 | 0.02 | 1.5 |
| 26-Jul-11 | Conner McKay | OV-0930 | 1217954 | <0.1 | 0.7 | 0.2 | 39 | 0.06 | 0.015 | 17 | 23 | 0.37 | 157 | 0.034 | 1 | 1.29 | 0.004 | 0.03 | 0.2 | 0.02 | 2.7 |
| 26-Jul-11 | Conner McKay | OV-0931 | 1217955 | <0.1 | 0.6 | 0.2 | 48 | 0.06 | 0.025 | 15 | 20 | 0.27 | 119 | 0.035 | <1 | 1.06 | 0.004 | 0.03 | 0.2 | 0.01 | 1.5 |
| 26-Jul-11 | Conner McKay | OV-0932 | 1217956 | <0.1 | 0.4 | 0.2 | 42 | 0.06 | 0.024 | 15 | 18 | 0.25 | 127 | 0.025 | <1 | 1.16 | 0.004 | 0.03 | 0.1 | <0.01 | 1.5 |
| 26-Jul-11 | Conner McKay | OV-0933 | 1217957 | <0.1 | 0.4 | 0.2 | 36 | 0.07 | 0.02 | 16 | 14 | 0.21 | 109 | 0.023 | 1 | 0.93 | 0.004 | 0.03 | 0.2 | 0.03 | 1.3 |
| 26-Jul-11 | Conner McKay | OV-0934 | 1217958 | <0.1 | 0.4 | 0.1 | 35 | 0.06 | 0.017 | 16 | 15 | 0.21 | 90 | 0.027 | <1 | 0.87 | 0.003 | 0.04 | 0.2 | 0.01 | 1.3 |
| 22-Jul-11 | Ryan West | OV-1049 | 1218138 | 0.1 | 0.2 | 0.4 | 17 | 0.15 | 0.062 | 41 | 17 | 0.57 | 106 | 0.008 | <1 | 1.06 | 0.003 | 0.03 | <0.1 | 0.09 | 1.9 |
| 22-Jul-11 | Ryan West | OV-1050 | 1218139 | 0.1 | 0.3 | 0.3 | 19 | 0.06 | 0.046 | 29 | 15 | 0.3 | 98 | 0.005 | <1 | 0.87 | 0.003 | 0.03 | <0.1 | 0.04 | 1.1 |
| 22-Jul-11 | Ryan West | OV-1051 | 1218140 | 0.1 | 0.5 | 0.2 | 25 | 0.13 | 0.047 | 28 | 19 | 0.44 | 101 | 0.013 | <1 | 1.1 | 0.003 | 0.03 | 0.2 | 0.04 | 1.7 |
| 22-Jul-11 | Ryan West | OV-1052 | 1218141 | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| 22-Jul-11 | Ryan West | OV-1053 | 1218142 | 0.2 | 0.7 | 0.2 | 32 | 0.14 | 0.072 | 29 | 21 | 0.4 | 91 | 0.018 | <1 | 1.14 | 0.004 | 0.04 | 0.3 | 0.05 | 1.4 |
| 22-Jul-11 | Ryan West | OV-1054 | 1218143 | <0.1 | 0.3 | 0.2 | 22 | 0.07 | 0.06 | 23 | 18 | 0.3 | 70 | 0.013 | <1 | 0.99 | 0.013 | 0.04 | 0.2 | 0.03 | 0.7 |
| 22-Jul-11 | Ryan West | OV-1055 | 1218144 | 0.1 | 0.6 | 0.2 | 30 | 0.09 | 0.052 | 22 | 19 | 0.33 | 83 | 0.015 | <1 | 1.03 | 0.003 | 0.03 | 0.3 | 0.06 | 1.4 |
| 22-Jul-11 | Ryan West | OV-1056 | 1218145 | 0.1 | 0.8 | 0.2 | 33 | 0.09 | 0.056 | 20 | 21 | 0.34 | 95 | 0.016 | <1 | 1.07 | 0.004 | 0.03 | 0.3 | 0.03 | 1.3 |
| 22-Jul-11 | Ryan West | OV-1057 | 1218146 | <0.1 | 0.6 | 0.2 | 37 | 0.05 | 0.043 | 15 | 22 | 0.34 | 84 | 0.019 | <1 | 1.17 | 0.003 | 0.03 | 0.2 | 0.05 | 1.3 |
| 22-Jul-11 | Ryan West | OV-1058 | 1218147 | 0.1 | 0.6 | 0.2 | 34 | 0.06 | 0.042 | 16 | 20 | 0.31 | 77 | 0.017 | <1 | 1 | 0.004 | 0.03 | 0.2 | 0.04 | 0.9 |
| 22-Jul-11 | Ryan West | OV-1059 | 1218148 | 0.1 | 0.6 | 0.2 | 36 | 0.07 | 0.05 | 16 | 22 | 0.35 | 78 | 0.021 | <1 | 1.17 | 0.004 | 0.03 | 0.2 | 0.05 | 1.4 |
| 22-Jul-11 | Ryan West | OV-1060 | 1218149 | 0.1 | 0.6 | 0.2 | 30 | 0.09 | 0.051 | 17 | 19 | 0.33 | 61 | 0.021 | <1 | 0.97 | 0.003 | 0.03 | 0.3 | 0.05 | 1.2 |
| 22-Jul-11 | Ryan West | OV-1061 | 1218150 | <0.1 | 0.6 | 0.2 | 33 | 0.05 | 0.032 | 14 | 19 | 0.3 | 65 | 0.018 | <1 | 0.92 | 0.003 | 0.03 | 0.2 | 0.03 | 1.1 |
| 22-Jul-11 | Ryan West | OV-1062 | 1218151 | 0.1 | 0.6 | 0.1 | 29 | 0.08 | 0.047 | 15 | 17 | 0.27 | 72 | 0.015 | <1 | 0.86 | 0.003 | 0.03 | 0.2 | 0.04 | 0.9 |
| 22-Jul-11 | Ryan West | OV-1063 | 1218152 | <0.1 | 0.6 | 0.2 | 35 | 0.05 | 0.042 | 13 | 18 | 0.25 | 64 | 0.01 | <1 | 0.93 | 0.003 | 0.03 | 0.2 | 0.04 | 0.7 |
| 22-Jul-11 | Ryan West | OV-1064 | 1218153 | 0.1 | 0.8 | 0.2 | 35 | 0.08 | 0.057 | 17 | 20 | 0.31 | 84 | 0.018 | <1 | 1.12 | 0.003 | 0.03 | 0.2 | 0.02 | 1.3 |
| 22-Jul-11 | Ryan West | OV-1065 | 1218154 | 0.2 | 0.8 | 0.1 | 35 | 0.08 | 0.051 | 16 | 20 | 0.29 | 52 | 0.028 | <1 | 0.91 | 0.003 | 0.04 | 0.4 | 0.04 | 1.4 |
| 22-Jul-11 | Ryan West | OV-1066 | 1218155 | 0.1 | 1.2 | 0.1 | 33 | 0.13 | 0.076 | 15 | 21 | 0.33 | 104 | 0.021 | <1 | 1.12 | 0.004 | 0.04 | 0.3 | 0.03 | 1.8 |
| 22-Jul-11 | Ryan West | OV-1067 | 1218156 | <0.1 | 0.4 | 0.1 | 36 | 0.08 | 0.041 | 14 | 22 | 0.35 | 138 | 0.016 | <1 | 1.18 | 0.004 | 0.03 | 0.3 | 0.05 | 1.3 |
| 22-Jul-11 | Ryan West | OV-1068 | 1218157 | <0.1 | 0.4 | 0.1 | 29 | 0.08 | 0.038 | 16 | 18 | 0.32 | 99 | 0.016 | <1 | 0.95 | 0.004 | 0.03 | 0.4 | 0.02 | 1.1 |
| 22-Jul-11 | Ryan West | OV-1069 | 1218158 | <0.1 | 0.3 | 0.2 | 36 | 0.06 | 0.044 | 9 | 19 | 0.31 | 115 | 0.013 | <1 | 0.97 | 0.003 | 0.03 | 0.4 | 0.02 | 0.8 |
| 22-Jul-11 | Ryan West | OV-1070 | 1218159 | 0.1 | 0.4 | 0.2 | 33 | 0.07 | 0.047 | 10 | 18 | 0.29 | 95 | 0.013 | 1 | 1.02 | 0.003 | 0.03 | 0.3 | 0.04 | 0.8 |
| 22-Jul-11 | Ryan West | OV-1071 | 1218160 | <0.1 | 0.5 | 0.2 | 34 | 0.07 | 0.056 | 12 | 19 | 0.29 | 77 | 0.013 | <1 | 0.94 | 0.003 | 0.03 | 0.4 | 0.02 | 0.9 |
| 22-Jul-11 | Ryan West | OV-1072 | 1218161 | 0.2 | 0.6 | 0.2 | 34 | 0.1 | 0.063 | 14 | 19 | 0.3 | 139 | 0.015 | <1 | 0.97 | 0.003 | 0.03 | 0.4 | 0.02 | 1.1 |
| 22-Jul-11 | Ryan West | OV-1073 | 1218162 | 0.1 | 0.5 | 0.2 | 33 | 0.07 | 0.049 | 12 | 17 | 0.26 | 72 | 0.013 | <1 | 0.84 | 0.003 | 0.03 | 0.4 | 0.01 | 0.6 |
| 22-Jul-11 | Ryan West | OV-1074 | 1218163 | 0.2 | 0.7 | 0.1 | 30 | 0.11 | 0.063 | 14 | 18 | 0.3 | 69 | 0.018 | <1 | 0.83 | 0.003 | 0.03 | 0.4 | 0.02 | 1.2 |

| Date | Soil Sampler | Station | Lab Tag Number | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
|-----------|--------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| 22-Jul-11 | Ryan West | OV-1075 | 1218164 | 0.1 | 0.5 | 0.2 | 36 | 0.06 | 0.054 | 14 | 19 | 0.26 | 106 | 0.011 | <1 | 1.02 | 0.004 | 0.03 | 0.3 | 0.04 | 0.6 |
| 22-Jul-11 | Ryan West | OV-1076 | 1218165 | 0.2 | 0.6 | 0.1 | 32 | 0.09 | 0.056 | 14 | 18 | 0.26 | 78 | 0.016 | <1 | 0.86 | 0.003 | 0.03 | 0.4 | 0.03 | 0.8 |
| 22-Jul-11 | Ryan West | OV-1077 | 1218166 | 0.1 | 0.4 | 0.2 | 28 | 0.07 | 0.049 | 13 | 15 | 0.23 | 65 | 0.01 | <1 | 0.79 | 0.002 | 0.03 | 0.3 | 0.04 | 0.6 |
| 22-Jul-11 | Ryan West | OV-1078 | 1218167 | 0.1 | 0.6 | 0.2 | 33 | 0.07 | 0.055 | 14 | 19 | 0.26 | 75 | 0.011 | <1 | 0.96 | 0.003 | 0.03 | 0.3 | 0.02 | 0.7 |
| 22-Jul-11 | Ryan West | OV-1079 | 1218168 | 0.2 | 0.6 | 0.2 | 29 | 0.08 | 0.057 | 16 | 19 | 0.3 | 90 | 0.014 | <1 | 0.94 | 0.003 | 0.03 | 0.3 | 0.04 | 1 |
| 22-Jul-11 | Ryan West | OV-1080 | 1218169 | 0.2 | 0.5 | 0.2 | 30 | 0.07 | 0.054 | 19 | 19 | 0.3 | 101 | 0.011 | <1 | 0.97 | 0.003 | 0.03 | 0.3 | 0.03 | 0.7 |
| 22-Jul-11 | Ryan West | OV-1081 | 1218170 | 0.1 | 0.6 | 0.2 | 30 | 0.07 | 0.053 | 21 | 20 | 0.34 | 96 | 0.013 | <1 | 1.02 | 0.003 | 0.03 | 0.3 | 0.02 | 1 |
| 22-Jul-11 | Ryan West | OV-1082 | 1218171 | 0.1 | 0.5 | 0.2 | 30 | 0.05 | 0.038 | 16 | 17 | 0.24 | 82 | 0.011 | <1 | 0.8 | 0.003 | 0.03 | 0.3 | 0.02 | 0.5 |
| 22-Jul-11 | Ryan West | OV-1083 | 1218172 | <0.1 | 0.8 | 0.2 | 32 | 0.04 | 0.051 | 20 | 17 | 0.25 | 110 | 0.013 | 1 | 1.07 | 0.004 | 0.04 | 0.2 | 0.03 | 0.8 |
| 22-Jul-11 | Ryan West | OV-1084 | 1218173 | 0.1 | 1.4 | 0.2 | 29 | 0.15 | 0.026 | 24 | 15 | 0.15 | 138 | 0.008 | <1 | 0.98 | 0.004 | 0.05 | 0.2 | 0.02 | 1.3 |
| 22-Jul-11 | Ryan West | OV-1085 | 1218174 | 0.1 | 0.6 | 0.3 | 19 | 0.26 | 0.045 | 48 | 21 | 0.39 | 137 | 0.006 | 1 | 1.25 | 0.004 | 0.07 | <0.1 | 0.02 | 1.5 |
| 22-Jul-11 | Ryan West | OV-1086 | 1218175 | <0.1 | 0.7 | 0.2 | 34 | 0.07 | 0.023 | 14 | 21 | 0.29 | 117 | 0.019 | <1 | 1.27 | 0.003 | 0.04 | 0.2 | 0.03 | 1.4 |
| 23-Jul-11 | Ryan West | OV-0598 | 1218176 | 0.2 | 0.7 | 0.2 | 31 | 0.06 | 0.055 | 18 | 18 | 0.31 | 69 | 0.012 | <1 | 1.07 | 0.003 | 0.04 | 0.2 | 0.03 | 0.8 |
| 23-Jul-11 | Ryan West | OV-0600 | 1218177 | 0.1 | 0.7 | 0.2 | 32 | 0.07 | 0.065 | 15 | 18 | 0.23 | 66 | 0.01 | <1 | 0.97 | 0.003 | 0.03 | 0.3 | 0.04 | 0.6 |
| 23-Jul-11 | Ryan West | OV-0602 | 1218178 | 0.1 | 0.8 | 0.3 | 67 | 0.07 | 0.071 | 12 | 31 | 0.37 | 106 | 0.023 | 2 | 1.67 | 0.004 | 0.04 | 0.2 | 0.04 | 1.1 |
| 23-Jul-11 | Ryan West | OV-0604 | 1218179 | 0.2 | 0.8 | 0.2 | 42 | 0.06 | 0.053 | 13 | 23 | 0.39 | 97 | 0.023 | <1 | 1.47 | 0.004 | 0.03 | 0.3 | 0.04 | 1.4 |
| 23-Jul-11 | Ryan West | OV-0606 | 1218180 | 0.2 | 0.8 | 0.2 | 41 | 0.04 | 0.05 | 11 | 22 | 0.22 | 66 | 0.02 | 1 | 1.01 | 0.003 | 0.03 | 0.4 | 0.04 | 0.9 |
| 23-Jul-11 | Ryan West | OV-0608 | 1218181 | 0.2 | 0.8 | 0.2 | 31 | 0.09 | 0.053 | 21 | 18 | 0.3 | 96 | 0.019 | <1 | 1.04 | 0.003 | 0.04 | 0.4 | 0.04 | 1.5 |
| 23-Jul-11 | Ryan West | OV-0610 | 1218182 | 0.3 | 0.7 | 0.1 | 29 | 0.09 | 0.059 | 15 | 18 | 0.26 | 117 | 0.016 | <1 | 0.8 | 0.003 | 0.04 | 0.3 | 0.04 | 1.1 |
| 23-Jul-11 | Ryan West | OV-0612 | 1218183 | 0.2 | 0.8 | 0.1 | 30 | 0.11 | 0.068 | 13 | 18 | 0.27 | 72 | 0.016 | <1 | 0.84 | 0.003 | 0.03 | 0.4 | 0.04 | 1.1 |
| 23-Jul-11 | Ryan West | OV-0614 | 1218184 | 0.2 | 0.8 | 0.1 | 27 | 0.12 | 0.069 | 13 | 16 | 0.27 | 72 | 0.017 | <1 | 0.87 | 0.003 | 0.03 | 0.4 | 0.02 | 1.3 |
| 23-Jul-11 | Ryan West | OV-0616 | 1218185 | 0.1 | 0.7 | 0.2 | 39 | 0.06 | 0.055 | 11 | 18 | 0.25 | 101 | 0.012 | <1 | 1.17 | 0.003 | 0.03 | 0.2 | 0.03 | 0.9 |
| 23-Jul-11 | Ryan West | OV-0618 | 1218186 | 0.2 | 0.7 | 0.2 | 32 | 0.07 | 0.054 | 13 | 20 | 0.33 | 102 | 0.017 | <1 | 1.27 | 0.003 | 0.04 | 0.2 | 0.03 | 1.5 |
| 23-Jul-11 | Ryan West | OV-0620 | 1218187 | 0.1 | 0.7 | 0.2 | 31 | 0.07 | 0.058 | 14 | 18 | 0.3 | 92 | 0.015 | <1 | 1.08 | 0.003 | 0.05 | 0.3 | 0.03 | 1.1 |
| 23-Jul-11 | Ryan West | OV-0622 | 1218188 | 0.2 | 0.9 | 0.2 | 40 | 0.06 | 0.052 | 13 | 21 | 0.29 | 178 | 0.014 | <1 | 1.31 | 0.003 | 0.05 | 0.3 | 0.04 | 1.8 |
| 23-Jul-11 | Ryan West | OV-0624 | 1218189 | 0.1 | 0.6 | 0.2 | 24 | 0.09 | 0.052 | 15 | 16 | 0.25 | 89 | 0.012 | <1 | 0.88 | 0.003 | 0.04 | 0.4 | 0.04 | 1.3 |
| 23-Jul-11 | Ryan West | OV-0626 | 1218190 | 0.1 | 0.5 | 0.2 | 31 | 0.08 | 0.066 | 14 | 18 | 0.27 | 90 | 0.011 | <1 | 1.08 | 0.003 | 0.03 | 0.2 | 0.05 | 0.9 |
| 23-Jul-11 | Ryan West | OV-0628 | 1218191 | 0.1 | 0.5 | 0.2 | 24 | 0.03 | 0.04 | 25 | 17 | 0.2 | 107 | 0.009 | <1 | 0.88 | 0.003 | 0.03 | 0.2 | 0.05 | 1.3 |
| 23-Jul-11 | Ryan West | OV-0630 | 1218192 | 0.2 | 0.6 | 0.2 | 30 | 0.07 | 0.047 | 18 | 16 | 0.28 | 92 | 0.014 | <1 | 1.01 | 0.003 | 0.02 | 0.2 | 0.04 | 1.2 |
| 23-Jul-11 | Ryan West | OV-0632 | 1218193 | 0.1 | 0.6 | 0.2 | 36 | 0.05 | 0.046 | 9 | 18 | 0.22 | 78 | 0.013 | <1 | 0.88 | 0.003 | 0.02 | 0.2 | 0.04 | 0.7 |
| 23-Jul-11 | Ryan West | OV-0634 | 1218194 | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| 23-Jul-11 | Ryan West | OV-0636 | 1218195 | 0.1 | 0.5 | 0.2 | 32 | 0.05 | 0.036 | 8 | 16 | 0.2 | 49 | 0.013 | <1 | 0.81 | 0.003 | 0.02 | 0.4 | 0.03 | 0.7 |
| 23-Jul-11 | Ryan West | OV-0638 | 1218196 | 0.2 | 0.6 | 0.1 | 24 | 0.07 | 0.051 | 10 | 15 | 0.22 | 109 | 0.009 | <1 | 0.78 | 0.003 | 0.02 | 0.2 | 0.02 | 0.7 |
| 23-Jul-11 | Ryan West | OV-0640 | 1218197 | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|--------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 23-Jul-11 | Ryan West | OV-0642 | 1218198 | 0.1 | 0.7 | 0.1 | 25 | 0.04 | 0.028 | 7 | 15 | 0.22 | 57 | 0.014 | <1 | 0.88 | 0.003 | 0.02 | 0.2 | 0.03 | 1 |
| 23-Jul-11 | Ryan West | OV-0644 | 1218199 | 0.1 | 0.5 | 0.2 | 40 | 0.05 | 0.034 | 8 | 21 | 0.26 | 120 | 0.021 | <1 | 0.9 | 0.004 | 0.03 | 0.3 | 0.05 | 1.1 |
| 23-Jul-11 | Ryan West | OV-0646 | 1218200 | 0.1 | 0.6 | 0.1 | 28 | 0.04 | 0.036 | 9 | 17 | 0.24 | 64 | 0.016 | <1 | 0.91 | 0.003 | 0.02 | 0.3 | 0.02 | 0.9 |
| 23-Jul-11 | Ryan West | OV-0648 | 1218201 | <0.1 | 0.4 | 0.1 | 28 | 0.05 | 0.048 | 10 | 20 | 0.26 | 83 | 0.009 | <1 | 0.83 | 0.003 | 0.02 | 0.3 | 0.02 | 0.7 |
| 23-Jul-11 | Ryan West | OV-0650 | 1218202 | <0.1 | 0.6 | 0.2 | 26 | 0.03 | 0.034 | 11 | 20 | 0.26 | 88 | 0.016 | <1 | 0.94 | 0.003 | 0.02 | 0.4 | 0.04 | 1.5 |
| 23-Jul-11 | Ryan West | OV-0652 | 1218203 | <0.1 | 0.6 | 0.2 | 36 | 0.03 | 0.042 | 9 | 21 | 0.27 | 68 | 0.02 | <1 | 0.96 | 0.003 | 0.02 | 0.3 | 0.02 | 1.1 |
| 23-Jul-11 | Ryan West | OV-0654 | 1218204 | <0.1 | 0.3 | 0.2 | 35 | 0.03 | 0.11 | 8 | 17 | 0.19 | 77 | 0.018 | <1 | 0.73 | 0.003 | 0.02 | 0.3 | <0.01 | 0.8 |
| 23-Jul-11 | Ryan West | OV-0656 | 1218205 | 0.1 | 0.3 | 0.1 | 26 | 0.03 | 0.087 | 8 | 16 | 0.16 | 106 | 0.009 | <1 | 0.83 | 0.003 | 0.02 | 0.2 | 0.04 | 0.5 |
| 23-Jul-11 | Ryan West | OV-0658 | 1218206 | 0.1 | 0.7 | <0.1 | 20 | 0.06 | 0.04 | 8 | 16 | 0.24 | 70 | 0.014 | <1 | 0.85 | 0.003 | 0.02 | 0.2 | 0.04 | 1.1 |
| 23-Jul-11 | Ryan West | OV-0660 | 1218207 | <0.1 | 0.5 | 0.1 | 15 | 0.02 | 0.035 | 8 | 13 | 0.19 | 55 | 0.005 | <1 | 0.67 | 0.002 | 0.02 | 0.2 | 0.01 | 0.7 |
| 23-Jul-11 | Ryan West | OV-0662 | 1218208 | <0.1 | 0.4 | 0.1 | 20 | 0.03 | 0.024 | 11 | 18 | 0.22 | 123 | 0.008 | <1 | 0.8 | 0.003 | 0.02 | 0.2 | 0.03 | 1 |
| 23-Jul-11 | Ryan West | OV-0664 | 1218209 | <0.1 | 0.5 | 0.1 | 25 | 0.03 | 0.021 | 21 | 23 | 0.34 | 125 | 0.014 | <1 | 1.18 | 0.004 | 0.03 | 0.2 | 0.04 | 1.8 |
| 23-Jul-11 | Ryan West | OV-0666 | 1218210 | <0.1 | 0.6 | 0.1 | 23 | 0.03 | 0.019 | 22 | 21 | 0.27 | 146 | 0.016 | <1 | 0.96 | 0.004 | 0.03 | 0.2 | 0.07 | 2.4 |
| 23-Jul-11 | Ryan West | OV-0668 | 1218211 | <0.1 | 0.4 | <0.1 | 16 | 0.09 | 0.043 | 9 | 13 | 0.25 | 71 | 0.01 | <1 | 0.68 | 0.003 | 0.02 | 0.2 | 0.01 | 0.9 |
| 23-Jul-11 | Ryan West | OV-0670 | 1218212 | <0.1 | 0.5 | <0.1 | 19 | 0.07 | 0.044 | 9 | 13 | 0.2 | 69 | 0.009 | <1 | 0.64 | 0.002 | 0.02 | 0.2 | <0.01 | 0.8 |
| 23-Jul-11 | Ryan West | OV-0672 | 1218213 | <0.1 | 0.6 | <0.1 | 30 | 0.04 | 0.038 | 7 | 19 | 0.25 | 154 | 0.015 | <1 | 1.05 | 0.003 | 0.03 | 0.2 | <0.01 | 1.2 |
| 23-Jul-11 | Ryan West | OV-0674 | 1218214 | <0.1 | 0.6 | <0.1 | 22 | 0.06 | 0.027 | 9 | 15 | 0.22 | 167 | 0.011 | <1 | 0.76 | 0.003 | 0.02 | 0.1 | <0.01 | 1.2 |
| 23-Jul-11 | Ryan West | OV-0676 | 1218215 | <0.1 | 0.6 | <0.1 | 21 | 0.04 | 0.033 | 7 | 15 | 0.25 | 78 | 0.015 | <1 | 0.84 | 0.003 | 0.02 | 0.1 | <0.01 | 1 |
| 23-Jul-11 | Ryan West | OV-0678 | 1218216 | <0.1 | 0.5 | <0.1 | 20 | 0.03 | 0.028 | 8 | 13 | 0.19 | 85 | 0.008 | <1 | 0.71 | 0.002 | 0.03 | 0.2 | <0.01 | 0.8 |
| 23-Jul-11 | Ryan West | OV-0680 | 1218217 | <0.1 | 0.6 | <0.1 | 22 | 0.03 | 0.024 | 6 | 15 | 0.24 | 105 | 0.015 | <1 | 0.83 | 0.003 | 0.03 | 0.2 | 0.02 | 1.2 |
| 23-Jul-11 | Ryan West | OV-0682 | 1218218 | <0.1 | 0.6 | <0.1 | 16 | 0.05 | 0.043 | 6 | 13 | 0.19 | 105 | 0.008 | <1 | 0.72 | 0.002 | 0.03 | <0.1 | <0.01 | 1 |
| 23-Jul-11 | Ryan West | OV-0684 | 1218219 | 0.1 | 0.5 | <0.1 | 19 | 0.05 | 0.046 | 6 | 12 | 0.19 | 109 | 0.007 | <1 | 0.7 | 0.002 | 0.02 | <0.1 | <0.01 | 1 |
| 23-Jul-11 | Ryan West | OV-0686 | 1218220 | <0.1 | 0.6 | <0.1 | 13 | 0.06 | 0.036 | 7 | 10 | 0.18 | 75 | 0.008 | <1 | 0.5 | 0.002 | 0.03 | <0.1 | <0.01 | 1 |
| 23-Jul-11 | Ryan West | OV-0688 | 1218221 | 0.1 | 0.6 | <0.1 | 11 | 0.08 | 0.05 | 8 | 9 | 0.18 | 91 | 0.005 | <1 | 0.42 | 0.002 | 0.03 | <0.1 | 0.01 | 0.9 |
| 23-Jul-11 | Ryan West | OV-0690 | 1218222 | <0.1 | 0.6 | <0.1 | 15 | 0.05 | 0.032 | 8 | 11 | 0.19 | 85 | 0.008 | <1 | 0.56 | 0.002 | 0.03 | 0.1 | <0.01 | 1.5 |
| 23-Jul-11 | Ryan West | OV-0692 | 1218223 | 0.1 | 0.4 | <0.1 | 12 | 0.07 | 0.06 | 6 | 9 | 0.15 | 142 | 0.005 | <1 | 0.46 | 0.002 | 0.03 | <0.1 | <0.01 | 0.8 |
| 24-Jul-11 | Ryan West | OV-0013 | 1218224 | <0.1 | 0.6 | 0.2 | 25 | 0.08 | 0.03 | 25 | 16 | 0.34 | 192 | 0.023 | <1 | 0.93 | 0.006 | 0.04 | 0.2 | 0.04 | 2.5 |
| 24-Jul-11 | Ryan West | OV-0015 | 1218225 | <0.1 | 0.7 | 0.2 | 15 | 0.04 | 0.023 | 26 | 11 | 0.27 | 91 | 0.007 | <1 | 0.78 | 0.006 | 0.05 | 0.2 | 0.03 | 1.8 |
| 24-Jul-11 | Ryan West | OV-0017 | 1218226 | <0.1 | 0.5 | 0.2 | 27 | 0.12 | 0.033 | 16 | 16 | 0.3 | 165 | 0.014 | <1 | 1.02 | 0.007 | 0.04 | 0.2 | 0.04 | 1.7 |
| 24-Jul-11 | Ryan West | OV-0019 | 1218227 | 0.1 | 0.6 | 0.2 | 33 | 0.1 | 0.022 | 13 | 16 | 0.26 | 94 | 0.019 | <1 | 0.94 | 0.004 | 0.04 | 0.2 | <0.01 | 1.3 |
| 24-Jul-11 | Ryan West | OV-0021 | 1218228 | <0.1 | 0.5 | 0.3 | 23 | 0.28 | 0.052 | 32 | 17 | 0.44 | 271 | 0.014 | <1 | 1.13 | 0.006 | 0.04 | 0.1 | 0.04 | 2.4 |
| 24-Jul-11 | Ryan West | OV-0023 | 1218229 | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. | I.S. |
| 24-Jul-11 | Ryan West | OV-0025 | 1218230 | 0.1 | 1 | 0.2 | 26 | 0.04 | 0.044 | 12 | 11 | 0.21 | 58 | 0.02 | <1 | 0.62 | 0.003 | 0.05 | 0.4 | 0.02 | 1.1 |

| Date | Soil Sampler | Station | Lab Tag Number | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
|-----------|-----------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| 24-Jul-11 | Ryan West | OV-0027 | 1218231 | <0.1 | 0.9 | 0.2 | 27 | 0.13 | 0.052 | 16 | 15 | 0.31 | 233 | 0.021 | <1 | 0.87 | 0.005 | 0.04 | 0.2 | 0.03 | 2.6 |
| 24-Jul-11 | Ryan West | OV-0029 | 1218232 | <0.1 | 0.8 | 0.2 | 25 | 0.1 | 0.021 | 14 | 13 | 0.27 | 110 | 0.016 | 1 | 0.81 | 0.004 | 0.06 | 0.2 | 0.02 | 1.3 |
| 24-Jul-11 | Ryan West | OV-0031 | 1218233 | <0.1 | 0.4 | 0.3 | 10 | 0.2 | 0.022 | 44 | 9 | 0.28 | 86 | 0.003 | <1 | 0.79 | 0.003 | 0.06 | <0.1 | 0.04 | 1.1 |
| 24-Jul-11 | Ryan West | OV-0033 | 1218234 | <0.1 | 0.2 | 0.4 | 10 | 0.41 | 0.039 | 48 | 11 | 0.39 | 85 | 0.003 | <1 | 0.95 | 0.005 | 0.05 | <0.1 | 0.09 | 1.7 |
| 24-Jul-11 | Ryan West | OV-0035 | 1218235 | <0.1 | 0.4 | 0.2 | 18 | 0.16 | 0.029 | 26 | 13 | 0.31 | 111 | 0.012 | 1 | 0.87 | 0.005 | 0.08 | 0.1 | 0.01 | 1.3 |
| 24-Jul-11 | Ryan West | OV-0037 | 1218236 | <0.1 | 0.3 | 0.2 | 12 | 0.51 | 0.038 | 42 | 11 | 0.33 | 145 | 0.005 | <1 | 0.83 | 0.005 | 0.05 | <0.1 | 0.05 | 1.3 |
| 26-Jul-11 | Ryan West | OV-0884 | 1218237 | <0.1 | 0.6 | 0.2 | 27 | 0.05 | 0.046 | 16 | 17 | 0.31 | 67 | 0.01 | <1 | 0.98 | 0.004 | 0.04 | 0.1 | 0.03 | 0.8 |
| 26-Jul-11 | Ryan West | OV-0885 | 1218238 | <0.1 | 0.7 | 0.2 | 20 | 0.08 | 0.044 | 13 | 14 | 0.32 | 79 | 0.018 | <1 | 0.8 | 0.004 | 0.04 | 0.2 | 0.03 | 1.3 |
| 26-Jul-11 | Ryan West | OV-0886 | 1218239 | <0.1 | 0.5 | 0.2 | 24 | 0.05 | 0.032 | 16 | 15 | 0.35 | 73 | 0.01 | <1 | 0.97 | 0.005 | 0.04 | 0.1 | 0.02 | 0.7 |
| 26-Jul-11 | Ryan West | OV-0887 | 1218240 | <0.1 | 0.5 | 0.2 | 26 | 0.04 | 0.028 | 20 | 15 | 0.29 | 67 | 0.018 | <1 | 0.98 | 0.005 | 0.04 | 0.1 | 0.02 | 1.2 |
| 26-Jul-11 | Ryan West | OV-0888 | 1218241 | 0.1 | 0.6 | 0.2 | 32 | 0.04 | 0.031 | 12 | 16 | 0.32 | 62 | 0.027 | 1 | 0.87 | 0.006 | 0.04 | 0.2 | 0.02 | 1.3 |
| 26-Jul-11 | Ryan West | OV-0889 | 1218242 | <0.1 | 0.4 | 0.2 | 32 | 0.05 | 0.054 | 13 | 18 | 0.31 | 74 | 0.021 | <1 | 1.04 | 0.005 | 0.03 | 0.2 | 0.02 | 1.2 |
| 26-Jul-11 | Ryan West | OV-0890 | 1218243 | <0.1 | 0.6 | 0.2 | 33 | 0.04 | 0.024 | 19 | 22 | 0.48 | 102 | 0.019 | <1 | 1.45 | 0.006 | 0.04 | 0.2 | 0.02 | 1.9 |
| 26-Jul-11 | Ryan West | OV-0891 | 1218244 | 0.1 | 0.8 | 0.2 | 33 | 0.06 | 0.03 | 19 | 19 | 0.36 | 146 | 0.023 | <1 | 1.23 | 0.006 | 0.04 | 0.2 | 0.02 | 2.5 |
| 26-Jul-11 | Ryan West | OV-0892 | 1218245 | 0.2 | 0.7 | 0.2 | 42 | 0.07 | 0.027 | 13 | 23 | 0.37 | 219 | 0.031 | <1 | 1.64 | 0.007 | 0.04 | 0.2 | 0.02 | 2.5 |
| 26-Jul-11 | Ryan West | OV-0893 | 1218246 | <0.1 | 0.7 | 0.2 | 31 | 0.06 | 0.033 | 14 | 18 | 0.32 | 127 | 0.019 | 2 | 1.1 | 0.006 | 0.04 | 0.1 | 0.03 | 1.6 |
| 26-Jul-11 | Ryan West | OV-0894 | 1218247 | <0.1 | 1 | 0.2 | 24 | 0.05 | 0.029 | 30 | 15 | 0.28 | 116 | 0.015 | 1 | 0.88 | 0.005 | 0.04 | 0.1 | 0.05 | 2 |
| 26-Jul-11 | Ryan West | OV-0895 | 1218248 | 0.2 | 0.7 | 0.2 | 28 | 0.06 | 0.039 | 18 | 16 | 0.29 | 113 | 0.024 | 1 | 0.92 | 0.006 | 0.04 | 0.2 | 0.02 | 2 |
| 26-Jul-11 | Ryan West | OV-0896 | 1218249 | <0.1 | 0.7 | 0.2 | 31 | 0.06 | 0.028 | 23 | 21 | 0.41 | 144 | 0.026 | 1 | 1.23 | 0.012 | 0.06 | 0.2 | 0.03 | 3.4 |
| 26-Jul-11 | Ryan West | OV-0897 | 1218250 | <0.1 | 0.4 | 0.3 | 27 | 0.05 | 0.079 | 24 | 16 | 0.27 | 121 | 0.01 | <1 | 0.96 | 0.005 | 0.03 | <0.1 | 0.03 | 0.8 |
| 22-Jul-11 | Thomas Barrette | OV-0420 | 1218351 | 0.1 | 0.6 | <0.1 | 20 | 0.05 | 0.036 | 18 | 15 | 0.24 | 68 | 0.01 | <1 | 0.75 | 0.004 | 0.03 | 0.1 | 0.03 | 0.9 |
| 22-Jul-11 | Thomas Barrette | OV-0419 | 1218352 | 0.2 | 0.6 | 0.1 | 27 | 0.08 | 0.057 | 13 | 19 | 0.29 | 70 | 0.015 | <1 | 0.98 | 0.004 | 0.03 | 0.3 | 0.03 | 1.2 |
| 22-Jul-11 | Thomas Barrette | OV-0418 | 1218353 | 0.1 | 0.5 | 0.1 | 22 | 0.05 | 0.042 | 25 | 16 | 0.26 | 71 | 0.009 | <1 | 0.89 | 0.003 | 0.03 | 0.2 | 0.03 | 1 |
| 22-Jul-11 | Thomas Barrette | OV-0417 | 1218354 | 0.1 | 0.5 | <0.1 | 19 | 0.05 | 0.041 | 22 | 15 | 0.24 | 61 | 0.009 | <1 | 0.8 | 0.002 | 0.02 | 0.2 | 0.02 | 0.9 |
| 22-Jul-11 | Thomas Barrette | OV-0416 | 1218355 | 0.1 | 0.6 | 0.1 | 23 | 0.03 | 0.045 | 18 | 17 | 0.28 | 65 | 0.008 | <1 | 1 | 0.003 | 0.03 | 0.2 | 0.02 | 0.8 |
| 22-Jul-11 | Thomas Barrette | OV-0415 | 1218356 | 0.1 | 0.5 | 0.1 | 20 | 0.03 | 0.038 | 19 | 16 | 0.27 | 62 | 0.008 | <1 | 0.84 | 0.003 | 0.02 | 0.2 | 0.02 | 0.6 |
| 22-Jul-11 | Thomas Barrette | OV-0414 | 1218357 | <0.1 | 0.5 | <0.1 | 21 | 0.03 | 0.032 | 12 | 14 | 0.21 | 41 | 0.009 | <1 | 0.71 | 0.002 | 0.02 | 0.2 | 0.02 | 0.6 |
| 22-Jul-11 | Thomas Barrette | OV-0413 | 1218358 | <0.1 | 0.4 | 0.1 | 17 | 0.02 | 0.034 | 17 | 12 | 0.16 | 38 | 0.006 | <1 | 0.57 | 0.003 | 0.02 | 0.1 | <0.01 | 0.4 |
| 22-Jul-11 | Thomas Barrette | OV-0412 | 1218359 | 0.2 | 0.8 | 0.2 | 31 | 0.04 | 0.044 | 16 | 19 | 0.29 | 80 | 0.014 | <1 | 1.13 | 0.003 | 0.03 | 0.2 | 0.03 | 1 |
| 22-Jul-11 | Thomas Barrette | OV-0411 | 1218360 | 0.2 | 1 | 0.2 | 27 | 0.04 | 0.045 | 22 | 17 | 0.26 | 102 | 0.011 | <1 | 1.02 | 0.003 | 0.04 | 0.2 | 0.03 | 1.2 |
| 22-Jul-11 | Thomas Barrette | OV-0410 | 1218361 | 0.1 | 0.7 | 0.2 | 32 | 0.04 | 0.058 | 17 | 19 | 0.22 | 84 | 0.01 | <1 | 1.02 | 0.004 | 0.03 | 0.2 | 0.06 | 0.7 |
| 22-Jul-11 | Thomas Barrette | OV-0409 | 1218362 | <0.1 | 0.5 | 0.3 | 20 | 0.02 | 0.046 | 28 | 17 | 0.29 | 76 | 0.005 | <1 | 1.08 | 0.003 | 0.03 | 0.1 | 0.04 | 1.2 |
| 22-Jul-11 | Thomas Barrette | OV-0408 | 1218363 | 0.1 | 0.5 | 0.3 | 19 | 0.03 | 0.043 | 22 | 13 | 0.22 | 63 | 0.007 | <1 | 0.84 | 0.003 | 0.03 | 0.1 | 0.07 | 0.9 |
| 22-Jul-11 | Thomas Barrette | OV-0407 | 1218364 | <0.1 | 0.7 | 0.2 | 33 | 0.04 | 0.042 | 16 | 19 | 0.27 | 52 | 0.013 | <1 | 0.99 | 0.003 | 0.03 | 0.2 | 0.02 | 0.7 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|-----------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 22-Jul-11 | Thomas Barrette | OV-0406 | 1218365 | 0.1 | 0.7 | 0.2 | 24 | 0.04 | 0.038 | 16 | 17 | 0.29 | 79 | 0.01 | <1 | 1.07 | 0.003 | 0.04 | 0.2 | 0.03 | 1.3 |
| 22-Jul-11 | Thomas Barrette | OV-0405 | 1218366 | 0.1 | 0.6 | 0.2 | 26 | 0.05 | 0.042 | 18 | 22 | 0.37 | 75 | 0.009 | <1 | 1.14 | 0.003 | 0.04 | 0.2 | 0.02 | 1.1 |
| 22-Jul-11 | Thomas Barrette | OV-0404 | 1218367 | 0.1 | 0.7 | 0.1 | 25 | 0.09 | 0.051 | 19 | 18 | 0.32 | 68 | 0.014 | 1 | 0.91 | 0.003 | 0.04 | 0.2 | 0.01 | 1.1 |
| 22-Jul-11 | Thomas Barrette | OV-0403 | 1218368 | 0.1 | 0.7 | 0.2 | 30 | 0.04 | 0.041 | 12 | 17 | 0.23 | 56 | 0.011 | <1 | 0.98 | 0.003 | 0.03 | 0.2 | 0.04 | 0.8 |
| 22-Jul-11 | Thomas Barrette | OV-0402 | 1218369 | 0.2 | 0.8 | 0.2 | 34 | 0.04 | 0.049 | 14 | 20 | 0.32 | 66 | 0.015 | <1 | 1.13 | 0.003 | 0.03 | 0.2 | 0.03 | 1.1 |
| 22-Jul-11 | Thomas Barrette | OV-0401 | 1218370 | 0.2 | 0.7 | 0.2 | 32 | 0.06 | 0.028 | 16 | 18 | 0.25 | 90 | 0.021 | <1 | 1.05 | 0.004 | 0.04 | 0.2 | 0.03 | 1.5 |
| 22-Jul-11 | Thomas Barrette | OV-0400 | 1218371 | <0.1 | 0.6 | 0.1 | 31 | 0.04 | 0.039 | 10 | 18 | 0.23 | 65 | 0.013 | <1 | 1.01 | 0.003 | 0.02 | 0.2 | 0.05 | 0.8 |
| 22-Jul-11 | Thomas Barrette | OV-0399 | 1218372 | 0.2 | 0.8 | 0.1 | 34 | 0.09 | 0.04 | 13 | 16 | 0.26 | 67 | 0.027 | <1 | 0.83 | 0.003 | 0.04 | 0.3 | 0.02 | 1.2 |
| 22-Jul-11 | Thomas Barrette | OV-0398 | 1218373 | 0.2 | 0.7 | 0.2 | 39 | 0.08 | 0.118 | 13 | 23 | 0.29 | 176 | 0.012 | 1 | 1.38 | 0.006 | 0.05 | 0.3 | 0.07 | 0.7 |
| 22-Jul-11 | Thomas Barrette | OV-0397 | 1218374 | 0.1 | 0.7 | 0.2 | 35 | 0.07 | 0.053 | 14 | 21 | 0.33 | 87 | 0.022 | <1 | 1.17 | 0.004 | 0.04 | 0.3 | 0.03 | 1.4 |
| 22-Jul-11 | Thomas Barrette | OV-0396 | 1218375 | 0.2 | 0.6 | 0.2 | 23 | 0.09 | 0.05 | 31 | 16 | 0.3 | 73 | 0.016 | <1 | 0.89 | 0.003 | 0.03 | 0.2 | 0.05 | 1.3 |
| 22-Jul-11 | Thomas Barrette | OV-0395 | 1218376 | 0.1 | 0.5 | 0.1 | 19 | 0.04 | 0.032 | 17 | 13 | 0.21 | 84 | 0.008 | <1 | 0.82 | 0.002 | 0.03 | 0.2 | 0.05 | 1.3 |
| 22-Jul-11 | Thomas Barrette | OV-0394 | 1218377 | <0.1 | 0.7 | 0.2 | 26 | 0.05 | 0.056 | 25 | 20 | 0.3 | 95 | 0.011 | <1 | 1.18 | 0.003 | 0.03 | 0.1 | 0.04 | 1.7 |
| 22-Jul-11 | Thomas Barrette | OV-0393 | 1218378 | 0.2 | 0.7 | 0.2 | 22 | 0.09 | 0.052 | 30 | 17 | 0.38 | 74 | 0.014 | <1 | 1.07 | 0.003 | 0.03 | 0.1 | 0.03 | 1.4 |
| 22-Jul-11 | Thomas Barrette | OV-0392 | 1218379 | 0.1 | 0.8 | 0.2 | 37 | 0.11 | 0.083 | 14 | 22 | 0.4 | 138 | 0.02 | <1 | 1.53 | 0.005 | 0.05 | 0.2 | 0.04 | 2 |
| 22-Jul-11 | Thomas Barrette | OV-0391 | 1218380 | 0.2 | 0.8 | 0.2 | 34 | 0.1 | 0.062 | 19 | 20 | 0.37 | 109 | 0.018 | <1 | 1.26 | 0.004 | 0.04 | 0.3 | 0.03 | 1.6 |
| 22-Jul-11 | Thomas Barrette | OV-0390 | 1218381 | 0.1 | 0.7 | 0.2 | 37 | 0.08 | 0.052 | 16 | 20 | 0.33 | 109 | 0.017 | <1 | 1.31 | 0.004 | 0.04 | 0.2 | 0.03 | 1.6 |
| 22-Jul-11 | Thomas Barrette | OV-0389 | 1218382 | 0.2 | 0.6 | 0.1 | 29 | 0.07 | 0.047 | 13 | 16 | 0.24 | 70 | 0.015 | <1 | 0.99 | 0.003 | 0.03 | 0.3 | 0.04 | 1 |
| 22-Jul-11 | Thomas Barrette | OV-0388 | 1218383 | 0.1 | 0.8 | 0.2 | 34 | 0.06 | 0.042 | 15 | 19 | 0.28 | 71 | 0.021 | <1 | 1.03 | 0.003 | 0.03 | 0.3 | 0.03 | 1.4 |
| 22-Jul-11 | Thomas Barrette | OV-0387 | 1218384 | 0.2 | 0.8 | 0.1 | 29 | 0.1 | 0.05 | 18 | 17 | 0.31 | 73 | 0.024 | <1 | 0.89 | 0.004 | 0.03 | 0.2 | 0.02 | 1.3 |
| 22-Jul-11 | Thomas Barrette | OV-0386 | 1218385 | 0.1 | 0.7 | 0.1 | 24 | 0.06 | 0.046 | 11 | 15 | 0.27 | 72 | 0.013 | <1 | 0.94 | 0.003 | 0.03 | 0.3 | 0.04 | 1.2 |
| 22-Jul-11 | Thomas Barrette | OV-0385 | 1218386 | 0.1 | 2.5 | 0.1 | 38 | 0.07 | 0.063 | 18 | 42 | 0.45 | 83 | 0.016 | <1 | 1.26 | 0.003 | 0.03 | 0.2 | 0.04 | 2.6 |
| 22-Jul-11 | Thomas Barrette | OV-0384 | 1218387 | 0.2 | 1 | 0.1 | 25 | 0.08 | 0.046 | 16 | 16 | 0.28 | 63 | 0.016 | <1 | 0.91 | 0.003 | 0.03 | 0.2 | 0.03 | 1.3 |
| 22-Jul-11 | Thomas Barrette | OV-0383 | 1218388 | 0.1 | 0.5 | 0.2 | 26 | 0.05 | 0.047 | 30 | 22 | 0.42 | 73 | 0.01 | <1 | 1.28 | 0.003 | 0.03 | 0.1 | 0.03 | 1 |
| 22-Jul-11 | Thomas Barrette | OV-0382 | 1218389 | <0.1 | 0.4 | 0.2 | 27 | 0.05 | 0.046 | 23 | 19 | 0.28 | 72 | 0.009 | <1 | 1.03 | 0.003 | 0.03 | 0.2 | 0.03 | 0.9 |
| 22-Jul-11 | Thomas Barrette | OV-0381 | 1218390 | <0.1 | 0.7 | 0.2 | 28 | 0.08 | 0.057 | 13 | 17 | 0.26 | 56 | 0.013 | <1 | 0.93 | 0.003 | 0.03 | 0.2 | 0.02 | 1.1 |
| 22-Jul-11 | Thomas Barrette | OV-0380 | 1218391 | 0.2 | 0.6 | 0.2 | 26 | 0.06 | 0.05 | 15 | 16 | 0.22 | 66 | 0.012 | <1 | 0.83 | 0.003 | 0.04 | 0.2 | 0.02 | 0.8 |
| 22-Jul-11 | Thomas Barrette | OV-0379 | 1218392 | 0.1 | 0.7 | 0.2 | 30 | 0.06 | 0.055 | 15 | 18 | 0.28 | 76 | 0.015 | <1 | 1 | 0.003 | 0.03 | 0.2 | 0.03 | 1.2 |
| 22-Jul-11 | Thomas Barrette | OV-0378 | 1218393 | <0.1 | 0.6 | 0.2 | 33 | 0.04 | 0.041 | 16 | 20 | 0.3 | 95 | 0.01 | <1 | 1.21 | 0.003 | 0.04 | 0.2 | 0.05 | 1.4 |
| 22-Jul-11 | Thomas Barrette | OV-0377 | 1218394 | 0.1 | 0.6 | 0.1 | 29 | 0.05 | 0.05 | 17 | 19 | 0.29 | 76 | 0.011 | <1 | 1.08 | 0.003 | 0.03 | 0.1 | 0.03 | 0.9 |
| 22-Jul-11 | Thomas Barrette | OV-0376 | 1218395 | <0.1 | 0.5 | 0.3 | 31 | 0.06 | 0.043 | 14 | 19 | 0.31 | 64 | 0.012 | 1 | 1.07 | 0.003 | 0.03 | 0.2 | 0.03 | 0.9 |
| 22-Jul-11 | Thomas Barrette | OV-0375 | 1218396 | 0.2 | 0.8 | 0.2 | 30 | 0.11 | 0.059 | 17 | 18 | 0.32 | 81 | 0.02 | 1 | 1.02 | 0.003 | 0.04 | 0.3 | 0.04 | 1.5 |
| 22-Jul-11 | Thomas Barrette | OV-0374 | 1218397 | 0.1 | 0.6 | 0.2 | 31 | 0.06 | 0.042 | 19 | 20 | 0.34 | 90 | 0.016 | 1 | 1.12 | 0.003 | 0.06 | 0.2 | 0.04 | 1.2 |
| 22-Jul-11 | Thomas Barrette | OV-0373 | 1218398 | <0.1 | 0.5 | 0.4 | 34 | 0.05 | 0.04 | 16 | 20 | 0.3 | 78 | 0.014 | 1 | 1.19 | 0.003 | 0.05 | 0.2 | 0.04 | 1 |
| 22-Jul-11 | Thomas Barrette | OV-0372 | 1218399 | 0.2 | 0.6 | 0.2 | 30 | 0.09 | 0.047 | 16 | 18 | 0.33 | 87 | 0.019 | 1 | 1.1 | 0.003 | 0.07 | 0.2 | 0.03 | 1.3 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|-----------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 22-Jul-11 | Thomas Barrette | OV-0371 | 1218400 | 0.1 | 0.8 | 0.2 | 25 | 0.08 | 0.046 | 13 | 15 | 0.3 | 75 | 0.022 | <1 | 0.86 | 0.003 | 0.06 | 0.3 | 0.02 | 1.3 |
| 23-Jul-11 | Thomas Barrette | OV-1009 | 1218401 | 0.1 | 0.6 | 0.2 | 30 | 0.06 | 0.037 | 25 | 19 | 0.38 | 72 | 0.012 | <1 | 1.14 | 0.004 | 0.03 | 0.2 | 0.03 | 1.2 |
| 23-Jul-11 | Thomas Barrette | OV-1010 | 1218402 | 0.2 | 0.8 | 0.2 | 37 | 0.08 | 0.052 | 25 | 22 | 0.4 | 226 | 0.017 | 1 | 1.34 | 0.005 | 0.04 | 0.2 | 0.07 | 3 |
| 23-Jul-11 | Thomas Barrette | OV-1011 | 1218403 | 0.1 | 0.6 | 0.2 | 29 | 0.06 | 0.042 | 22 | 17 | 0.31 | 89 | 0.012 | <1 | 1.03 | 0.003 | 0.03 | 0.2 | 0.04 | 1.1 |
| 23-Jul-11 | Thomas Barrette | OV-1012 | 1218404 | 0.1 | 0.5 | 0.2 | 25 | 0.07 | 0.04 | 27 | 17 | 0.33 | 73 | 0.013 | <1 | 1 | 0.003 | 0.03 | 0.2 | 0.04 | 1.1 |
| 23-Jul-11 | Thomas Barrette | OV-1013 | 1218405 | 0.1 | 0.6 | 0.2 | 34 | 0.09 | 0.057 | 15 | 19 | 0.27 | 69 | 0.014 | <1 | 1.01 | 0.005 | 0.03 | 0.3 | 0.05 | 0.8 |
| 23-Jul-11 | Thomas Barrette | OV-1014 | 1218406 | <0.1 | 0.6 | 0.2 | 42 | 0.06 | 0.04 | 14 | 24 | 0.39 | 87 | 0.025 | <1 | 1.27 | 0.004 | 0.03 | 0.2 | 0.04 | 1.7 |
| 23-Jul-11 | Thomas Barrette | OV-1015 | 1218407 | <0.1 | 0.7 | 0.2 | 34 | 0.07 | 0.046 | 16 | 20 | 0.33 | 70 | 0.017 | <1 | 1.12 | 0.004 | 0.03 | 0.2 | 0.04 | 1 |
| 23-Jul-11 | Thomas Barrette | OV-1016 | 1218408 | <0.1 | 0.8 | 0.2 | 29 | 0.07 | 0.04 | 20 | 17 | 0.29 | 59 | 0.01 | <1 | 0.95 | 0.003 | 0.03 | 0.1 | 0.05 | 0.7 |
| 23-Jul-11 | Thomas Barrette | OV-1017 | 1218409 | <0.1 | 0.4 | 0.2 | 31 | 0.06 | 0.039 | 18 | 18 | 0.29 | 64 | 0.012 | <1 | 1 | 0.004 | 0.03 | 0.2 | 0.04 | 0.6 |
| 23-Jul-11 | Thomas Barrette | OV-1018 | 1218410 | 0.1 | 0.7 | 0.2 | 30 | 0.09 | 0.052 | 24 | 20 | 0.33 | 90 | 0.022 | <1 | 1.1 | 0.004 | 0.04 | 0.2 | 0.05 | 2.1 |
| 23-Jul-11 | Thomas Barrette | OV-1019 | 1218411 | 0.1 | 0.5 | 0.2 | 26 | 0.06 | 0.045 | 23 | 18 | 0.32 | 62 | 0.014 | <1 | 1.03 | 0.004 | 0.03 | 0.2 | 0.04 | 1.1 |
| 23-Jul-11 | Thomas Barrette | OV-1020 | 1218412 | 0.1 | 0.6 | 0.2 | 32 | 0.07 | 0.054 | 21 | 21 | 0.31 | 81 | 0.017 | <1 | 1.1 | 0.004 | 0.03 | 0.2 | 0.03 | 1.4 |
| 23-Jul-11 | Thomas Barrette | OV-1021 | 1218413 | <0.1 | 0.6 | 0.2 | 35 | 0.07 | 0.038 | 18 | 22 | 0.3 | 155 | 0.016 | <1 | 1.06 | 0.004 | 0.03 | 0.2 | 0.04 | 1.7 |
| 23-Jul-11 | Thomas Barrette | OV-1022 | 1218414 | 0.1 | 0.6 | 0.1 | 27 | 0.08 | 0.047 | 18 | 19 | 0.28 | 65 | 0.019 | <1 | 0.89 | 0.003 | 0.04 | 0.2 | 0.03 | 1.2 |
| 23-Jul-11 | Thomas Barrette | OV-1023 | 1218415 | <0.1 | 0.7 | 0.2 | 30 | 0.08 | 0.039 | 30 | 23 | 0.38 | 136 | 0.016 | <1 | 1.18 | 0.004 | 0.03 | 0.1 | 0.03 | 1.5 |
| 23-Jul-11 | Thomas Barrette | OV-1024 | 1218416 | <0.1 | 0.4 | 0.1 | 22 | 0.04 | 0.032 | 21 | 16 | 0.24 | 75 | 0.009 | <1 | 0.84 | 0.003 | 0.02 | 0.1 | 0.04 | 0.8 |
| 23-Jul-11 | Thomas Barrette | OV-1025 | 1218417 | 0.1 | 0.7 | 0.2 | 40 | 0.07 | 0.057 | 13 | 22 | 0.31 | 59 | 0.022 | <1 | 1.18 | 0.004 | 0.04 | 0.2 | 0.04 | 1.4 |
| 23-Jul-11 | Thomas Barrette | OV-1026 | 1218418 | <0.1 | 0.6 | 0.2 | 36 | 0.07 | 0.032 | 17 | 22 | 0.29 | 78 | 0.018 | 1 | 1.16 | 0.004 | 0.04 | 0.1 | 0.03 | 1.1 |
| 23-Jul-11 | Thomas Barrette | OV-1027 | 1218419 | <0.1 | 0.6 | 0.2 | 32 | 0.08 | 0.042 | 18 | 21 | 0.31 | 101 | 0.021 | <1 | 1.09 | 0.004 | 0.04 | 0.2 | 0.05 | 1.4 |
| 23-Jul-11 | Thomas Barrette | OV-1028 | 1218420 | <0.1 | 0.6 | 0.1 | 26 | 0.08 | 0.041 | 20 | 19 | 0.32 | 71 | 0.013 | <1 | 1.05 | 0.004 | 0.03 | 0.2 | 0.04 | 0.9 |
| 23-Jul-11 | Thomas Barrette | OV-1029 | 1218421 | <0.1 | 0.8 | 0.2 | 33 | 0.09 | 0.048 | 22 | 21 | 0.35 | 295 | 0.023 | <1 | 1.11 | 0.004 | 0.05 | 0.3 | 0.05 | 2.2 |
| 23-Jul-11 | Thomas Barrette | OV-1030 | 1218422 | <0.1 | 0.5 | 0.2 | 30 | 0.07 | 0.041 | 17 | 16 | 0.27 | 62 | 0.012 | <1 | 0.96 | 0.004 | 0.03 | 0.2 | 0.03 | 0.6 |
| 23-Jul-11 | Thomas Barrette | OV-1031 | 1218423 | 0.2 | 5.3 | 0.2 | 27 | 0.08 | 0.04 | 32 | 18 | 0.34 | 150 | 0.019 | <1 | 1.07 | 0.004 | 0.05 | 0.1 | 0.03 | 2 |
| 23-Jul-11 | Thomas Barrette | OV-1032 | 1218424 | 0.1 | 1 | 0.2 | 28 | 0.09 | 0.048 | 22 | 19 | 0.33 | 94 | 0.017 | <1 | 1.01 | 0.004 | 0.04 | 0.2 | 0.02 | 1.2 |
| 23-Jul-11 | Thomas Barrette | OV-1033 | 1218425 | 0.1 | 0.6 | 0.2 | 29 | 0.07 | 0.049 | 15 | 18 | 0.26 | 60 | 0.01 | <1 | 0.88 | 0.004 | 0.04 | 0.2 | 0.03 | 0.5 |
| 23-Jul-11 | Thomas Barrette | OV-1034 | 1218426 | <0.1 | 0.5 | 0.2 | 30 | 0.06 | 0.036 | 17 | 16 | 0.26 | 58 | 0.013 | <1 | 0.9 | 0.003 | 0.03 | 0.2 | 0.03 | 0.7 |
| 23-Jul-11 | Thomas Barrette | OV-1035 | 1218427 | 0.2 | 0.7 | 0.2 | 26 | 0.06 | 0.051 | 20 | 15 | 0.24 | 86 | 0.008 | <1 | 0.88 | 0.005 | 0.04 | 0.2 | 0.04 | 0.4 |
| 23-Jul-11 | Thomas Barrette | OV-1036 | 1218428 | 0.2 | 0.5 | 0.2 | 33 | 0.25 | 0.047 | 22 | 17 | 0.26 | 192 | 0.01 | <1 | 0.97 | 0.005 | 0.03 | 0.2 | 0.06 | 0.9 |
| 23-Jul-11 | Thomas Barrette | OV-1037 | 1218429 | 0.1 | 0.5 | 0.2 | 37 | 0.1 | 0.045 | 14 | 19 | 0.28 | 81 | 0.017 | <1 | 1 | 0.004 | 0.03 | 0.3 | 0.05 | 0.9 |
| 23-Jul-11 | Thomas Barrette | OV-1038 | 1218430 | 0.1 | 0.7 | 0.1 | 28 | 0.09 | 0.044 | 13 | 15 | 0.24 | 45 | 0.018 | <1 | 0.69 | 0.003 | 0.03 | 0.2 | 0.03 | 0.9 |
| 23-Jul-11 | Thomas Barrette | OV-1039 | 1218431 | <0.1 | 0.8 | 0.2 | 25 | 0.13 | 0.055 | 17 | 17 | 0.33 | 200 | 0.022 | 2 | 0.9 | 0.005 | 0.03 | 0.3 | 0.04 | 2 |
| 23-Jul-11 | Thomas Barrette | OV-1040 | 1218432 | 0.1 | 0.8 | 0.2 | 28 | 0.13 | 0.06 | 19 | 18 | 0.34 | 221 | 0.02 | <1 | 0.99 | 0.005 | 0.03 | 0.3 | 0.05 | 2 |
| 23-Jul-11 | Thomas Barrette | OV-1041 | 1218433 | 0.2 | 0.7 | 0.2 | 23 | 0.1 | 0.063 | 13 | 15 | 0.27 | 75 | 0.016 | 2 | 0.82 | 0.004 | 0.03 | 0.3 | 0.03 | 1 |
| 23-Jul-11 | Thomas Barrette | OV-1042 | 1218434 | <0.1 | 0.8 | 0.2 | 29 | 0.1 | 0.056 | 17 | 17 | 0.31 | 82 | 0.018 | 1 | 1.01 | 0.005 | 0.04 | 0.3 | 0.03 | 1.1 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|-----------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 23-Jul-11 | Thomas Barrette | OV-1043 | 1218435 | 0.2 | 0.8 | 0.2 | 30 | 0.19 | 0.064 | 18 | 19 | 0.33 | 202 | 0.019 | 2 | 1.02 | 0.006 | 0.04 | 0.4 | 0.02 | 1.2 |
| 23-Jul-11 | Thomas Barrette | OV-1044 | 1218436 | 0.1 | 0.7 | 0.2 | 32 | 0.08 | 0.054 | 18 | 19 | 0.29 | 119 | 0.015 | 2 | 0.98 | 0.005 | 0.03 | 0.4 | 0.02 | 0.9 |
| 23-Jul-11 | Thomas Barrette | OV-1045 | 1218437 | 0.1 | 0.6 | 0.2 | 31 | 0.07 | 0.055 | 14 | 18 | 0.29 | 114 | 0.011 | 2 | 1.03 | 0.006 | 0.03 | 0.3 | 0.06 | 0.6 |
| 23-Jul-11 | Thomas Barrette | OV-1046 | 1218438 | <0.1 | 0.5 | 0.2 | 24 | 0.07 | 0.043 | 14 | 14 | 0.25 | 99 | 0.009 | 2 | 0.84 | 0.004 | 0.03 | 0.5 | 0.03 | 0.7 |
| 23-Jul-11 | Thomas Barrette | OV-1047 | 1218439 | <0.1 | 0.4 | 0.2 | 20 | 0.06 | 0.04 | 15 | 14 | 0.26 | 95 | 0.01 | 1 | 0.91 | 0.004 | 0.03 | 0.4 | 0.04 | 0.8 |
| 23-Jul-11 | Thomas Barrette | OV-1048 | 1218440 | <0.1 | 0.4 | 0.2 | 21 | 0.06 | 0.042 | 15 | 14 | 0.26 | 83 | 0.009 | <1 | 0.84 | 0.004 | 0.03 | 0.3 | 0.03 | 0.8 |
| 24-Jul-11 | Thomas Barrette | OV-0014 | 1218441 | <0.1 | 0.6 | 0.2 | 30 | 0.11 | 0.026 | 25 | 27 | 0.42 | 234 | 0.04 | <1 | 1.11 | 0.007 | 0.06 | 0.1 | 0.03 | 2.7 |
| 24-Jul-11 | Thomas Barrette | OV-0016 | 1218442 | <0.1 | 0.7 | 0.2 | 21 | 0.19 | 0.026 | 33 | 15 | 0.23 | 228 | 0.014 | 2 | 0.94 | 0.005 | 0.05 | 0.1 | 0.06 | 2.1 |
| 24-Jul-11 | Thomas Barrette | OV-0018 | 1218443 | <0.1 | 0.5 | 0.2 | 32 | 0.12 | 0.023 | 13 | 18 | 0.25 | 167 | 0.012 | <1 | 0.96 | 0.005 | 0.04 | 0.2 | 0.02 | 1.3 |
| 24-Jul-11 | Thomas Barrette | OV-0020 | 1218444 | 0.1 | 0.4 | 0.2 | 22 | 0.26 | 0.037 | 24 | 14 | 0.23 | 222 | 0.008 | <1 | 0.85 | 0.005 | 0.04 | 0.2 | 0.06 | 1.7 |
| 24-Jul-11 | Thomas Barrette | OV-0022 | 1218445 | 0.2 | 0.4 | 0.2 | 21 | 0.91 | 0.064 | 18 | 16 | 0.3 | 297 | 0.007 | 1 | 1.11 | 0.007 | 0.04 | 0.1 | 0.05 | 1.7 |
| 24-Jul-11 | Thomas Barrette | OV-0024 | 1218446 | 0.3 | 0.6 | 0.2 | 28 | 0.29 | 0.059 | 19 | 18 | 0.31 | 305 | 0.015 | <1 | 1 | 0.006 | 0.05 | 0.2 | 0.05 | 2.3 |
| 24-Jul-11 | Thomas Barrette | OV-0026 | 1218447 | 0.1 | 0.7 | 0.2 | 25 | 0.1 | 0.041 | 13 | 14 | 0.25 | 81 | 0.018 | <1 | 0.79 | 0.007 | 0.04 | 0.2 | 0.02 | 1.3 |
| 24-Jul-11 | Thomas Barrette | OV-0028 | 1218448 | <0.1 | 0.6 | 0.1 | 28 | 0.04 | 0.026 | 15 | 17 | 0.28 | 113 | 0.023 | 2 | 0.97 | 0.004 | 0.04 | 0.2 | 0.03 | 2.1 |
| 24-Jul-11 | Thomas Barrette | OV-0030 | 1218449 | <0.1 | 0.3 | 0.3 | 10 | 0.3 | 0.037 | 47 | 9 | 0.19 | 110 | 0.003 | <1 | 0.69 | 0.004 | 0.06 | <0.1 | 0.11 | 1.5 |
| 24-Jul-11 | Thomas Barrette | OV-0032 | 1218450 | <0.1 | 0.2 | 0.4 | 10 | 0.39 | 0.034 | 52 | 11 | 0.28 | 92 | 0.002 | 1 | 0.86 | 0.004 | 0.07 | <0.1 | 0.09 | 1.4 |
| 24-Jul-11 | Thomas Barrette | OV-0034 | 1218451 | <0.1 | 0.4 | 0.2 | 23 | 0.18 | 0.025 | 32 | 17 | 0.34 | 176 | 0.01 | <1 | 1.14 | 0.007 | 0.05 | 0.2 | 0.02 | 1.9 |
| 24-Jul-11 | Thomas Barrette | OV-0036 | 1218452 | <0.1 | 0.2 | 0.3 | 9 | 0.27 | 0.052 | 64 | 13 | 0.42 | 80 | 0.003 | <1 | 1.11 | 0.004 | 0.06 | <0.1 | 0.05 | 1.6 |
| 24-Jul-11 | Thomas Barrette | OV-0038 | 1218453 | 0.2 | 0.3 | 0.3 | 11 | 0.61 | 0.039 | 40 | 11 | 0.34 | 120 | 0.007 | 2 | 0.83 | 0.005 | 0.07 | 0.2 | 0.07 | 1.4 |
| 24-Jul-11 | Thomas Barrette | OV-0040 | 1218454 | <0.1 | 0.1 | 0.3 | 7 | 0.5 | 0.044 | 57 | 10 | 0.35 | 61 | 0.005 | <1 | 0.94 | 0.004 | 0.11 | <0.1 | 0.05 | 1.1 |
| | | | 1218455 | | | | | | | | | | | | | | | | | | |
| 25-Jul-11 | Thomas Barrette | OV-0760 | 1218456 | <0.1 | 0.7 | 0.2 | 30 | 0.06 | 0.041 | 22 | 18 | 0.33 | 101 | 0.021 | 1 | 1.12 | 0.005 | 0.03 | 0.1 | 0.04 | 2 |
| 25-Jul-11 | Thomas Barrette | OV-0761 | 1218457 | 0.1 | 0.6 | 0.2 | 23 | 0.07 | 0.037 | 26 | 16 | 0.37 | 113 | 0.018 | <1 | 1 | 0.006 | 0.05 | 0.1 | 0.04 | 1.8 |
| 25-Jul-11 | Thomas Barrette | OV-0762 | 1218458 | 0.1 | 0.5 | 0.2 | 35 | 0.07 | 0.056 | 18 | 20 | 0.3 | 98 | 0.02 | <1 | 1.17 | 0.007 | 0.04 | 0.2 | 0.03 | 1.7 |
| 25-Jul-11 | Thomas Barrette | OV-0763 | 1218459 | 0.2 | 0.6 | 0.2 | 20 | 0.03 | 0.023 | 24 | 17 | 0.38 | 92 | 0.011 | <1 | 1.28 | 0.006 | 0.05 | 0.1 | 0.03 | 1.2 |
| 25-Jul-11 | Thomas Barrette | OV-0764 | 1218460 | 0.1 | 0.5 | 0.4 | 19 | 0.03 | 0.025 | 35 | 17 | 0.39 | 76 | 0.009 | <1 | 1.05 | 0.005 | 0.05 | 0.2 | 0.03 | 1.3 |
| 25-Jul-11 | Thomas Barrette | OV-0765 | 1218461 | 0.1 | 0.6 | 0.3 | 20 | 0.03 | 0.03 | 28 | 18 | 0.38 | 93 | 0.009 | <1 | 1.31 | 0.006 | 0.04 | 0.1 | 0.02 | 1.3 |
| 25-Jul-11 | Thomas Barrette | OV-0766 | 1218462 | 0.2 | 0.6 | 0.3 | 23 | 0.03 | 0.023 | 27 | 17 | 0.34 | 82 | 0.01 | <1 | 1.19 | 0.006 | 0.04 | <0.1 | 0.03 | 1.3 |
| 25-Jul-11 | Thomas Barrette | OV-0767 | 1218463 | 0.1 | 0.7 | 0.2 | 38 | 0.06 | 0.027 | 15 | 22 | 0.34 | 167 | 0.02 | <1 | 1.35 | 0.009 | 0.04 | 0.1 | 0.05 | 2.5 |
| 25-Jul-11 | Thomas Barrette | OV-0768 | 1218464 | 0.1 | 0.6 | 0.3 | 27 | 0.04 | 0.023 | 20 | 17 | 0.31 | 105 | 0.014 | <1 | 1.12 | 0.009 | 0.04 | 0.1 | 0.04 | 1.9 |
| 25-Jul-11 | Thomas Barrette | OV-0769 | 1218465 | 0.2 | 0.6 | 0.1 | 29 | 0.05 | 0.024 | 16 | 18 | 0.35 | 108 | 0.021 | <1 | 1.35 | 0.005 | 0.04 | 0.1 | 0.03 | 1.7 |
| 25-Jul-11 | Thomas Barrette | OV-0770 | 1218466 | <0.1 | 0.5 | 0.3 | 17 | 0.02 | 0.024 | 50 | 14 | 0.43 | 82 | 0.004 | <1 | 1.37 | 0.005 | 0.05 | <0.1 | 0.02 | 1 |
| 25-Jul-11 | Thomas Barrette | OV-0771 | 1218467 | 0.1 | 0.6 | 0.3 | 33 | 0.05 | 0.022 | 16 | 19 | 0.3 | 88 | 0.019 | <1 | 1.26 | 0.004 | 0.04 | 0.1 | 0.03 | 1.5 |
| 25-Jul-11 | Thomas Barrette | OV-0772 | 1218468 | <0.1 | 0.7 | 0.3 | 22 | 0.04 | 0.023 | 29 | 18 | 0.42 | 85 | 0.013 | <1 | 1.27 | 0.004 | 0.07 | 0.1 | 0.04 | 1.5 |
| 25-Jul-11 | Thomas Barrette | OV-0773 | 1218469 | 0.1 | 0.6 | 0.1 | 20 | 0.04 | 0.015 | 11 | 12 | 0.24 | 64 | 0.014 | <1 | 0.83 | 0.003 | 0.03 | 0.2 | 0.03 | 1.1 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|-----------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 25-Jul-11 | Thomas Barrette | OV-0774 | 1218470 | 0.3 | 0.8 | 0.2 | 30 | 0.04 | 0.021 | 16 | 18 | 0.33 | 94 | 0.014 | <1 | 1.19 | 0.005 | 0.05 | 0.1 | 0.03 | 1.6 |
| 25-Jul-11 | Thomas Barrette | OV-0775 | 1218471 | <0.1 | 0.7 | 0.2 | 27 | 0.06 | 0.027 | 11 | 15 | 0.25 | 72 | 0.014 | <1 | 1.07 | 0.003 | 0.03 | 0.2 | 0.03 | 1.3 |
| 25-Jul-11 | Thomas Barrette | OV-0776 | 1218472 | <0.1 | 0.5 | 0.2 | 38 | 0.06 | 0.041 | 14 | 19 | 0.28 | 98 | 0.019 | <1 | 1.12 | 0.004 | 0.03 | 0.2 | 0.04 | 1.4 |
| 25-Jul-11 | Thomas Barrette | OV-0777 | 1218473 | <0.1 | 0.6 | 0.2 | 27 | 0.07 | 0.044 | 24 | 17 | 0.35 | 109 | 0.015 | <1 | 1.13 | 0.005 | 0.04 | 0.2 | 0.03 | 1.5 |
| 25-Jul-11 | Thomas Barrette | OV-0778 | 1218474 | <0.1 | 0.6 | 0.3 | 22 | 0.09 | 0.067 | 26 | 14 | 0.35 | 67 | 0.01 | <1 | 0.97 | 0.004 | 0.04 | <0.1 | 0.04 | 1 |
| 25-Jul-11 | Thomas Barrette | OV-0779 | 1218475 | <0.1 | 0.6 | 0.4 | 29 | 0.05 | 0.057 | 30 | 17 | 0.34 | 72 | 0.014 | <1 | 1.15 | 0.006 | 0.04 | 0.1 | 0.02 | 1.2 |
| 25-Jul-11 | Thomas Barrette | OV-0780 | 1218476 | <0.1 | 0.5 | 0.3 | 23 | 0.05 | 0.043 | 23 | 14 | 0.27 | 89 | 0.009 | <1 | 0.91 | 0.004 | 0.03 | 0.1 | 0.04 | 0.9 |
| 25-Jul-11 | Thomas Barrette | OV-0781 | 1218477 | <0.1 | 0.3 | 0.5 | 11 | 0.04 | 0.061 | 60 | 14 | 0.44 | 45 | 0.003 | <1 | 1.16 | 0.005 | 0.06 | <0.1 | 0.03 | 0.7 |
| 25-Jul-11 | Thomas Barrette | OV-0782 | 1218478 | <0.1 | 0.4 | 0.3 | 15 | 0.06 | 0.042 | 51 | 14 | 0.41 | 75 | 0.004 | <1 | 1.11 | 0.004 | 0.05 | <0.1 | 0.01 | 0.9 |
| 25-Jul-11 | Thomas Barrette | OV-0783 | 1218479 | <0.1 | 0.6 | 0.3 | 17 | 0.03 | 0.025 | 43 | 16 | 0.44 | 76 | 0.007 | <1 | 1.25 | 0.005 | 0.05 | <0.1 | 0.03 | 1.5 |
| 25-Jul-11 | Thomas Barrette | OV-0784 | 1218480 | <0.1 | 0.6 | 0.2 | 24 | 0.05 | 0.034 | 30 | 19 | 0.44 | 86 | 0.014 | <1 | 1.25 | 0.005 | 0.05 | 0.1 | 0.02 | 2 |
| 25-Jul-11 | Thomas Barrette | OV-0785 | 1218481 | <0.1 | 0.5 | 0.2 | 16 | 0.03 | 0.023 | 38 | 13 | 0.38 | 94 | 0.006 | <1 | 1.01 | 0.004 | 0.04 | 0.1 | 0.02 | 1.2 |
| 25-Jul-11 | Thomas Barrette | OV-0786 | 1218482 | <0.1 | 0.5 | 0.2 | 18 | 0.05 | 0.031 | 34 | 13 | 0.39 | 155 | 0.01 | 1 | 0.96 | 0.004 | 0.05 | <0.1 | 0.02 | 1.6 |
| 25-Jul-11 | Thomas Barrette | OV-0787 | 1218483 | <0.1 | 0.7 | 0.1 | 25 | 0.06 | 0.031 | 14 | 13 | 0.24 | 91 | 0.015 | <1 | 0.73 | 0.003 | 0.03 | 0.2 | 0.01 | 1.1 |
| 25-Jul-11 | Thomas Barrette | OV-0788 | 1218484 | 0.1 | 0.4 | 0.2 | 29 | 0.08 | 0.035 | 13 | 16 | 0.25 | 80 | 0.019 | 1 | 0.99 | 0.004 | 0.05 | 0.2 | 0.02 | 1.3 |
| 25-Jul-11 | Thomas Barrette | OV-0789 | 1218485 | <0.1 | 0.8 | 0.2 | 23 | 0.06 | 0.029 | 27 | 15 | 0.35 | 93 | 0.013 | <1 | 1.18 | 0.003 | 0.11 | <0.1 | 0.03 | 1.3 |
| 25-Jul-11 | Thomas Barrette | OV-0790 | 1218486 | <0.1 | 1.1 | 0.3 | 13 | 0.4 | 0.056 | 65 | 17 | 0.61 | 75 | 0.012 | <1 | 1.14 | 0.004 | 0.1 | <0.1 | 0.14 | 1.6 |
| 25-Jul-11 | Thomas Barrette | OV-0791 | 1218487 | <0.1 | 0.6 | 0.1 | 21 | 0.21 | 0.063 | 13 | 12 | 0.27 | 74 | 0.018 | <1 | 0.65 | 0.004 | 0.04 | 0.2 | 0.03 | 1.1 |
| 25-Jul-11 | Thomas Barrette | OV-0792 | 1218488 | <0.1 | 0.6 | 0.2 | 24 | 0.07 | 0.037 | 15 | 13 | 0.24 | 87 | 0.018 | <1 | 0.73 | 0.003 | 0.06 | 0.1 | 0.05 | 0.9 |
| 26-Jul-11 | Thomas Barrette | OV-0793 | 1218489 | <0.1 | 0.7 | 0.1 | 28 | 0.06 | 0.019 | 11 | 15 | 0.27 | 101 | 0.017 | 1 | 0.97 | 0.004 | 0.04 | 0.2 | 0.02 | 1.2 |
| 26-Jul-11 | Thomas Barrette | OV-0794 | 1218490 | 0.2 | 3.3 | 0.3 | 11 | 2.92 | 0.103 | 56 | 12 | 0.28 | 135 | 0.004 | 1 | 0.83 | 0.004 | 0.05 | <0.1 | 0.45 | 2 |
| 26-Jul-11 | Thomas Barrette | OV-0795 | 1218491 | <0.1 | 0.7 | 0.4 | 14 | 0.44 | 0.029 | 28 | 16 | 0.51 | 80 | 0.005 | <1 | 1.1 | 0.006 | 0.04 | <0.1 | 0.05 | 1.5 |
| 26-Jul-11 | Thomas Barrette | OV-0796 | 1218492 | 0.1 | 0.6 | 0.2 | 22 | 0.04 | 0.017 | 31 | 19 | 0.53 | 89 | 0.014 | 1 | 1.37 | 0.003 | 0.07 | 0.1 | 0.02 | 1.7 |
| 26-Jul-11 | Thomas Barrette | OV-0797 | 1218493 | <0.1 | 0.8 | 0.1 | 26 | 0.05 | 0.028 | 16 | 16 | 0.3 | 93 | 0.023 | <1 | 0.94 | 0.003 | 0.04 | 0.2 | 0.04 | 2 |
| 26-Jul-11 | Thomas Barrette | OV-0798 | 1218494 | <0.1 | 0.8 | 0.2 | 25 | 0.04 | 0.016 | 25 | 17 | 0.37 | 103 | 0.012 | <1 | 1.17 | 0.004 | 0.04 | 0.1 | 0.02 | 1.6 |
| 26-Jul-11 | Thomas Barrette | OV-0799 | 1218495 | <0.1 | 0.8 | 0.1 | 25 | 0.04 | 0.016 | 15 | 15 | 0.28 | 106 | 0.016 | 1 | 0.93 | 0.003 | 0.04 | 0.2 | 0.02 | 1.6 |
| 26-Jul-11 | Thomas Barrette | OV-0800 | 1218496 | <0.1 | 0.6 | 0.2 | 28 | 0.02 | 0.048 | 27 | 18 | 0.37 | 72 | 0.01 | 1 | 1.3 | 0.004 | 0.04 | 0.1 | 0.02 | 1.3 |
| 26-Jul-11 | Thomas Barrette | OV-0801 | 1218497 | <0.1 | 0.6 | 0.3 | 23 | 0.03 | 0.021 | 27 | 17 | 0.39 | 88 | 0.016 | <1 | 1.18 | 0.005 | 0.04 | <0.1 | 0.02 | 1.6 |
| 26-Jul-11 | Thomas Barrette | OV-0802 | 1218498 | <0.1 | 0.7 | 0.3 | 27 | 0.04 | 0.021 | 26 | 17 | 0.32 | 114 | 0.02 | 1 | 0.99 | 0.007 | 0.04 | 0.2 | 0.05 | 2.4 |
| 26-Jul-11 | Thomas Barrette | OV-0803 | 1218499 | 0.1 | 0.7 | 0.2 | 34 | 0.05 | 0.04 | 16 | 17 | 0.3 | 109 | 0.015 | <1 | 0.97 | 0.004 | 0.04 | 0.2 | 0.02 | 1.3 |

| Date | Soil Sampler | Station | Lab Tag Number | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
|-----------|-----------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
| 26-Jul-11 | Thomas Barrette | OV-0804 | 1218500 | 0.1 | 0.5 | 0.3 | 24 | 0.04 | 0.021 | 27 | 19 | 0.41 | 134 | 0.017 | 1 | 1.25 | 0.005 | 0.04 | 0.1 | 0.03 | 1.9 |
| 14-Jul-11 | Sam Snelling | OV-0585 | 1218501 | <0.1 | 0.6 | 0.2 | 23 | 0.02 | 0.015 | 26 | 15 | 0.3 | 100 | 0.018 | <1 | 0.99 | 0.003 | 0.04 | 0.2 | 0.02 | 1.7 |
| 14-Jul-11 | Sam Snelling | OV-0584 | 1218502 | <0.1 | 0.4 | 0.1 | 21 | 0.04 | 0.022 | 22 | 14 | 0.27 | 95 | 0.016 | <1 | 0.83 | 0.002 | 0.03 | 0.2 | 0.02 | 1.3 |
| 14-Jul-11 | Sam Snelling | OV-0583 | 1218503 | <0.1 | 0.6 | 0.2 | 16 | 0.03 | 0.021 | 30 | 14 | 0.29 | 86 | 0.008 | <1 | 0.91 | 0.002 | 0.03 | 0.1 | <0.01 | 1 |
| 14-Jul-11 | Sam Snelling | OV-0582 | 1218504 | <0.1 | 0.7 | 0.1 | 30 | 0.06 | 0.021 | 16 | 19 | 0.33 | 165 | 0.028 | <1 | 1.06 | 0.005 | 0.03 | 0.2 | 0.02 | 2 |
| 14-Jul-11 | Sam Snelling | OV-0581 | 1218505 | <0.1 | 0.4 | 0.1 | 25 | 0.04 | 0.014 | 16 | 14 | 0.24 | 139 | 0.017 | <1 | 0.96 | 0.002 | 0.03 | 0.1 | <0.01 | 1 |
| 14-Jul-11 | Sam Snelling | OV-0580 | 1218506 | 0.1 | 0.7 | 0.2 | 22 | 0.03 | 0.015 | 20 | 14 | 0.28 | 126 | 0.015 | <1 | 0.94 | 0.003 | 0.04 | 0.2 | 0.03 | 1.3 |
| 14-Jul-11 | Sam Snelling | OV-0579 | 1218507 | <0.1 | 0.9 | 0.1 | 26 | 0.06 | 0.033 | 18 | 16 | 0.28 | 96 | 0.025 | <1 | 0.88 | 0.003 | 0.04 | 0.3 | 0.01 | 2.4 |
| 14-Jul-11 | Sam Snelling | OV-0578 | 1218508 | <0.1 | 0.7 | 0.1 | 30 | 0.05 | 0.028 | 12 | 17 | 0.28 | 123 | 0.022 | 1 | 1.03 | 0.003 | 0.03 | 0.2 | 0.01 | 1.6 |
| 14-Jul-11 | Sam Snelling | OV-0577 | 1218509 | <0.1 | 1 | 0.2 | 22 | 0.03 | 0.018 | 37 | 15 | 0.27 | 175 | 0.015 | <1 | 0.98 | 0.004 | 0.04 | 0.1 | 0.03 | 2.3 |
| 14-Jul-11 | Sam Snelling | OV-0576 | 1218510 | <0.1 | 0.6 | 0.1 | 28 | 0.09 | 0.037 | 15 | 17 | 0.29 | 188 | 0.023 | <1 | 0.89 | 0.004 | 0.03 | 0.3 | 0.01 | 1.9 |
| 14-Jul-11 | Sam Snelling | OV-0575 | 1218511 | 0.1 | 0.8 | 0.1 | 27 | 0.04 | 0.021 | 23 | 17 | 0.31 | 120 | 0.023 | <1 | 0.97 | 0.004 | 0.04 | 0.2 | 0.03 | 3.3 |
| 14-Jul-11 | Sam Snelling | OV-0574 | 1218512 | <0.1 | 0.8 | 0.1 | 32 | 0.07 | 0.017 | 21 | 19 | 0.33 | 281 | 0.029 | <1 | 1.04 | 0.005 | 0.04 | 0.2 | 0.02 | 2.5 |
| 14-Jul-11 | Sam Snelling | OV-0573 | 1218513 | <0.1 | 0.5 | 0.1 | 31 | 0.06 | 0.037 | 15 | 17 | 0.31 | 188 | 0.024 | <1 | 1.03 | 0.004 | 0.03 | 0.2 | 0.01 | 2.2 |
| 14-Jul-11 | Sam Snelling | OV-0572 | 1218514 | <0.1 | 0.6 | 0.1 | 29 | 0.05 | 0.032 | 12 | 18 | 0.32 | 108 | 0.022 | <1 | 1.01 | 0.003 | 0.03 | 0.3 | 0.02 | 1.6 |
| 15-Jul-11 | Sam Snelling | OV-0523 | 1218515 | 0.2 | 0.7 | 0.1 | 24 | 0.1 | 0.049 | 22 | 16 | 0.34 | 109 | 0.023 | <1 | 0.97 | 0.003 | 0.03 | 0.2 | 0.02 | 1.7 |
| 15-Jul-11 | Sam Snelling | OV-0524 | 1218516 | <0.1 | 0.5 | 0.2 | 24 | 0.07 | 0.034 | 32 | 16 | 0.3 | 142 | 0.017 | <1 | 0.95 | 0.003 | 0.04 | 0.1 | 0.03 | 1.6 |
| 15-Jul-11 | Sam Snelling | OV-0525 | 1218517 | 0.2 | 0.8 | 0.2 | 36 | 0.11 | 0.054 | 15 | 20 | 0.35 | 81 | 0.027 | <1 | 1.22 | 0.004 | 0.04 | 0.3 | 0.01 | 1.2 |
| 15-Jul-11 | Sam Snelling | OV-0526 | 1218518 | 0.1 | 0.8 | 0.2 | 47 | 0.06 | 0.054 | 11 | 24 | 0.34 | 87 | 0.023 | <1 | 1.54 | 0.005 | 0.04 | 0.2 | 0.03 | 1 |
| 15-Jul-11 | Sam Snelling | OV-0527 | 1218519 | <0.1 | 0.7 | 0.2 | 30 | 0.06 | 0.043 | 12 | 17 | 0.27 | 71 | 0.018 | <1 | 0.82 | 0.004 | 0.03 | 0.3 | <0.01 | 1 |
| 15-Jul-11 | Sam Snelling | OV-0528 | 1218520 | 0.2 | 0.6 | 0.2 | 41 | 0.08 | 0.065 | 13 | 22 | 0.36 | 91 | 0.023 | <1 | 1.35 | 0.006 | 0.04 | 0.3 | 0.02 | 1 |
| 15-Jul-11 | Sam Snelling | OV-0529 | 1218521 | 0.2 | 0.8 | 0.2 | 34 | 0.08 | 0.052 | 19 | 21 | 0.34 | 120 | 0.021 | <1 | 1.18 | 0.004 | 0.04 | 0.3 | 0.02 | 1.7 |
| 15-Jul-11 | Sam Snelling | OV-0530 | 1218522 | 0.1 | 0.4 | 0.2 | 17 | 0.07 | 0.036 | 36 | 18 | 0.44 | 182 | 0.011 | <1 | 1.18 | 0.004 | 0.03 | <0.1 | <0.01 | 1.6 |
| 15-Jul-11 | Sam Snelling | OV-0531 | 1218523 | 0.3 | 0.7 | 0.3 | 31 | 0.05 | 0.063 | 13 | 19 | 0.3 | 90 | 0.012 | 3 | 1.14 | 0.003 | 0.03 | 0.2 | 0.06 | 1.2 |
| 15-Jul-11 | Sam Snelling | OV-0532 | 1218524 | 0.1 | 0.7 | 0.2 | 20 | 0.07 | 0.047 | 18 | 15 | 0.26 | 86 | 0.014 | 2 | 0.8 | 0.003 | 0.03 | 0.2 | 0.02 | 1.7 |
| 15-Jul-11 | Sam Snelling | OV-0533 | 1218525 | 0.2 | 0.5 | 0.2 | 19 | 0.07 | 0.052 | 21 | 17 | 0.33 | 92 | 0.013 | 2 | 0.92 | 0.004 | 0.03 | 0.2 | <0.01 | 1.6 |
| 15-Jul-11 | Sam Snelling | OV-0534 | 1218526 | <0.1 | 0.5 | 0.2 | 24 | 0.03 | 0.041 | 18 | 16 | 0.24 | 49 | 0.011 | 2 | 0.93 | 0.003 | 0.02 | 0.2 | 0.02 | 0.9 |
| 15-Jul-11 | Sam Snelling | OV-0535 | 1218527 | 0.1 | 0.1 | 0.4 | 11 | 0.06 | 0.043 | 69 | 21 | 0.64 | 33 | 0.003 | <1 | 1.57 | 0.002 | 0.03 | <0.1 | <0.01 | 1.5 |
| 15-Jul-11 | Sam Snelling | OV-0536 | 1218528 | <0.1 | 0.4 | 0.2 | 22 | 0.03 | 0.051 | 27 | 15 | 0.23 | 49 | 0.007 | 2 | 0.86 | 0.003 | 0.03 | 0.2 | 0.03 | 0.6 |
| 15-Jul-11 | Sam Snelling | OV-0537 | 1218529 | <0.1 | 0.4 | 0.2 | 33 | 0.04 | 0.041 | 11 | 15 | 0.17 | 59 | 0.011 | 2 | 0.92 | 0.003 | 0.02 | 0.3 | 0.02 | 0.8 |
| 15-Jul-11 | Sam Snelling | OV-0538 | 1218530 | 0.2 | 0.4 | 0.2 | 21 | 0.04 | 0.046 | 31 | 15 | 0.28 | 74 | 0.009 | 2 | 1.01 | 0.005 | 0.02 | 0.1 | 0.04 | 1.5 |
| 15-Jul-11 | Sam Snelling | OV-0539 | 1218531 | <0.1 | 0.5 | 0.2 | 31 | 0.05 | 0.057 | 16 | 19 | 0.27 | 96 | 0.015 | 2 | 1.18 | 0.005 | 0.03 | 0.2 | 0.06 | 1.3 |
| 15-Jul-11 | Sam Snelling | OV-0540 | 1218532 | 0.1 | 0.5 | 0.2 | 27 | 0.05 | 0.034 | 26 | 18 | 0.29 | 179 | 0.015 | <1 | 1.11 | 0.004 | 0.03 | 0.2 | 0.04 | 2.3 |
| 15-Jul-11 | Sam Snelling | OV-0541 | 1218533 | <0.1 | 0.4 | 0.3 | 16 | 0.06 | 0.05 | 44 | 9 | 0.11 | 78 | <0.001 | <1 | 0.56 | 0.004 | 0.04 | <0.1 | 0.11 | 2.7 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|-----------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 15-Jul-11 | Sam Snelling | OV-0542 | 1218534 | 0.2 | 0.6 | 0.2 | 27 | 0.03 | 0.026 | 25 | 19 | 0.31 | 58 | 0.013 | 2 | 1.17 | 0.003 | 0.03 | 0.2 | 0.04 | 1.4 |
| 15-Jul-11 | Sam Snelling | OV-0543 | 1218535 | <0.1 | 0.7 | 0.2 | 26 | 0.06 | 0.032 | 15 | 15 | 0.27 | 83 | 0.018 | 1 | 0.92 | 0.003 | 0.03 | 0.2 | 0.03 | 1.8 |
| 15-Jul-11 | Sam Snelling | OV-0544 | 1218536 | <0.1 | 0.5 | 0.3 | 13 | 0.05 | 0.04 | 53 | 11 | 0.2 | 130 | 0.005 | <1 | 0.65 | 0.004 | 0.03 | <0.1 | 0.06 | 1.9 |
| 15-Jul-11 | Sam Snelling | OV-0545 | 1218537 | 0.2 | 0.5 | 0.3 | 24 | 0.04 | 0.044 | 34 | 17 | 0.2 | 116 | 0.008 | <1 | 1.12 | 0.004 | 0.03 | <0.1 | 0.09 | 2.5 |
| 15-Jul-11 | Sam Snelling | OV-0546 | 1218538 | <0.1 | 0.8 | 0.2 | 27 | 0.02 | 0.047 | 15 | 16 | 0.14 | 63 | 0.009 | <1 | 0.83 | 0.004 | 0.03 | 0.1 | 0.03 | 1.1 |
| 15-Jul-11 | Sam Snelling | OV-0547 | 1218539 | <0.1 | 0.6 | 0.2 | 29 | 0.04 | 0.024 | 14 | 18 | 0.27 | 108 | 0.021 | 1 | 1.15 | 0.003 | 0.03 | 0.2 | 0.02 | 1.8 |
| 15-Jul-11 | Sam Snelling | OV-0548 | 1218540 | 0.2 | 0.7 | 0.1 | 24 | 0.04 | 0.019 | 10 | 15 | 0.23 | 74 | 0.015 | 1 | 0.97 | 0.003 | 0.03 | 0.3 | 0.03 | 1.4 |
| 15-Jul-11 | Sam Snelling | OV-0549 | 1218541 | 0.1 | 0.6 | 0.2 | 44 | 0.05 | 0.034 | 15 | 22 | 0.27 | 92 | 0.024 | 2 | 1.39 | 0.004 | 0.02 | 0.3 | 0.05 | 2.4 |
| 15-Jul-11 | Sam Snelling | OV-0550 | 1218542 | <0.1 | 0.8 | 0.1 | 19 | 0.09 | 0.055 | 13 | 12 | 0.23 | 60 | 0.014 | 1 | 0.68 | 0.004 | 0.03 | 0.2 | <0.01 | 1.4 |
| 15-Jul-11 | Sam Snelling | OV-0551 | 1218543 | 0.1 | 0.6 | 0.1 | 21 | 0.07 | 0.043 | 10 | 13 | 0.21 | 78 | 0.014 | <1 | 0.79 | 0.002 | 0.02 | 0.2 | <0.01 | 1.1 |
| 15-Jul-11 | Sam Snelling | OV-0552 | 1218544 | <0.1 | 0.6 | 0.2 | 22 | 0.05 | 0.03 | 11 | 13 | 0.25 | 70 | 0.012 | <1 | 0.78 | 0.003 | 0.02 | 0.2 | 0.03 | 1.1 |
| 15-Jul-11 | Sam Snelling | OV-0553 | 1218545 | <0.1 | 0.5 | 0.1 | 21 | 0.07 | 0.043 | 9 | 11 | 0.2 | 58 | 0.01 | 4 | 0.6 | 0.003 | 0.02 | 0.1 | <0.01 | 1.1 |
| 15-Jul-11 | Sam Snelling | OV-0554 | 1218546 | <0.1 | 0.7 | 0.1 | 26 | 0.05 | 0.032 | 11 | 17 | 0.26 | 76 | 0.018 | 2 | 0.99 | 0.004 | 0.02 | 0.2 | 0.02 | 1.7 |
| 15-Jul-11 | Sam Snelling | OV-0555 | 1218547 | <0.1 | 0.5 | 0.2 | 21 | 0.03 | 0.024 | 15 | 13 | 0.24 | 36 | 0.012 | <1 | 0.67 | 0.004 | 0.02 | 0.2 | 0.03 | 0.8 |
| 15-Jul-11 | Sam Snelling | OV-0556 | 1218548 | 0.2 | 0.6 | 0.2 | 30 | 0.07 | 0.056 | 23 | 22 | 0.36 | 81 | 0.017 | <1 | 1.25 | 0.003 | 0.03 | 0.2 | 0.03 | 1.9 |
| 15-Jul-11 | Sam Snelling | OV-0557 | 1218549 | <0.1 | 0.6 | 0.1 | 27 | 0.08 | 0.056 | 13 | 16 | 0.26 | 96 | 0.016 | <1 | 0.98 | 0.003 | 0.02 | 0.2 | 0.04 | 1.7 |
| 15-Jul-11 | Sam Snelling | OV-0558 | 1218550 | <0.1 | 0.5 | 0.1 | 23 | 0.05 | 0.044 | 14 | 16 | 0.25 | 53 | 0.012 | <1 | 0.8 | 0.003 | 0.02 | 0.3 | 0.01 | 0.8 |
| 15-Jul-11 | Sam Snelling | OV-0559 | 1218551 | <0.1 | 0.6 | 0.1 | 27 | 0.06 | 0.06 | 14 | 17 | 0.27 | 105 | 0.016 | <1 | 0.95 | 0.003 | 0.03 | 0.2 | 0.03 | 1.6 |
| 15-Jul-11 | Sam Snelling | OV-0560 | 1218552 | <0.1 | 0.6 | 0.1 | 36 | 0.06 | 0.029 | 12 | 21 | 0.32 | 167 | 0.023 | <1 | 1.29 | 0.004 | 0.03 | 0.2 | 0.01 | 2.1 |
| 15-Jul-11 | Sam Snelling | OV-0561 | 1218553 | <0.1 | 0.8 | 0.2 | 30 | 0.04 | 0.042 | 14 | 18 | 0.26 | 116 | 0.02 | <1 | 1.05 | 0.004 | 0.03 | 0.3 | 0.04 | 1.8 |
| 15-Jul-11 | Sam Snelling | OV-0562 | 1218554 | <0.1 | 0.4 | 0.2 | 29 | 0.05 | 0.035 | 20 | 20 | 0.36 | 116 | 0.015 | <1 | 1.14 | 0.003 | 0.04 | 0.1 | 0.03 | 2 |
| 15-Jul-11 | Sam Snelling | OV-0563 | 1218555 | <0.1 | 0.6 | 0.1 | 27 | 0.08 | 0.051 | 15 | 18 | 0.3 | 128 | 0.017 | <1 | 1 | 0.004 | 0.03 | 0.2 | 0.04 | 2.2 |
| 15-Jul-11 | Sam Snelling | OV-0564 | 1218556 | 0.1 | 0.7 | 0.1 | 24 | 0.05 | 0.04 | 10 | 16 | 0.26 | 79 | 0.015 | 1 | 1 | 0.003 | 0.03 | 0.2 | 0.03 | 1.3 |
| 15-Jul-11 | Sam Snelling | OV-0565 | 1218557 | 0.1 | 0.8 | 0.1 | 36 | 0.06 | 0.037 | 18 | 21 | 0.38 | 191 | 0.028 | <1 | 1.39 | 0.005 | 0.04 | 0.2 | 0.08 | 3.8 |
| 15-Jul-11 | Sam Snelling | OV-0566 | 1218558 | <0.1 | 0.5 | 0.2 | 31 | 0.05 | 0.036 | 10 | 19 | 0.28 | 116 | 0.02 | <1 | 1.14 | 0.004 | 0.03 | 0.2 | 0.03 | 1.7 |
| 15-Jul-11 | Sam Snelling | OV-0567 | 1218559 | 0.1 | 0.7 | 0.2 | 34 | 0.04 | 0.024 | 15 | 21 | 0.29 | 162 | 0.02 | <1 | 1.22 | 0.004 | 0.04 | 0.3 | 0.04 | 3 |
| 15-Jul-11 | Sam Snelling | OV-0568 | 1218560 | <0.1 | 0.6 | 0.2 | 38 | 0.05 | 0.02 | 11 | 23 | 0.29 | 162 | 0.027 | <1 | 1.33 | 0.004 | 0.04 | 0.2 | 0.02 | 2.1 |
| 15-Jul-11 | Sam Snelling | OV-0569 | 1218561 | <0.1 | 0.5 | 0.2 | 24 | 0.04 | 0.035 | 10 | 14 | 0.22 | 91 | 0.009 | <1 | 0.83 | 0.002 | 0.02 | 0.3 | 0.03 | 1.2 |
| 15-Jul-11 | Sam Snelling | OV-0570 | 1218562 | <0.1 | 0.5 | 0.2 | 19 | 0.05 | 0.038 | 23 | 15 | 0.28 | 178 | 0.009 | <1 | 0.89 | 0.003 | 0.02 | 0.2 | 0.05 | 1.8 |
| 15-Jul-11 | Sam Snelling | OV-0571 | 1218563 | <0.1 | 0.5 | 0.2 | 26 | 0.03 | 0.048 | 12 | 14 | 0.21 | 93 | 0.011 | <1 | 0.78 | 0.002 | 0.02 | 0.2 | 0.02 | 0.9 |
| 13-Jul-11 | Thomas Barrette | | 1218601 | <0.1 | 0.8 | 0.2 | 30 | 0.12 | 0.064 | 17 | 19 | 0.36 | 174 | 0.023 | <1 | 1.07 | 0.005 | 0.03 | 0.2 | 0.04 | 2.5 |
| 13-Jul-11 | Thomas Barrette | | 1218602 | 0.2 | 0.8 | 0.2 | 35 | 0.06 | 0.032 | 11 | 21 | 0.35 | 132 | 0.025 | <1 | 1.38 | 0.005 | 0.03 | 0.3 | 0.03 | 1.8 |
| 13-Jul-11 | Thomas Barrette | | 1218603 | <0.1 | 0.8 | 0.1 | 28 | 0.07 | 0.047 | 13 | 17 | 0.3 | 73 | 0.018 | <1 | 0.94 | 0.004 | 0.04 | 0.3 | 0.02 | 1.4 |
| 13-Jul-11 | Thomas Barrette | | 1218604 | 0.1 | 0.6 | 0.2 | 32 | 0.06 | 0.048 | 11 | 18 | 0.28 | 78 | 0.013 | <1 | 1.04 | 0.004 | 0.03 | 0.2 | 0.04 | 0.9 |
| 13-Jul-11 | Thomas Barrette | | 1218605 | 0.3 | 1 | 0.2 | 26 | 0.07 | 0.053 | 18 | 18 | 0.35 | 90 | 0.014 | 1 | 0.98 | 0.004 | 0.05 | 0.2 | 0.04 | 1.7 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|-----------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 13-Jul-11 | Thomas Barrette | | 1218606 | 0.1 | 0.8 | 0.2 | 28 | 0.26 | 0.056 | 15 | 17 | 0.31 | 272 | 0.014 | 2 | 0.84 | 0.007 | 0.03 | 0.3 | 0.05 | 2.1 |
| 13-Jul-11 | Thomas Barrette | | 1218607 | <0.1 | 0.6 | 0.2 | 29 | 0.09 | 0.046 | 19 | 20 | 0.34 | 128 | 0.017 | <1 | 1.1 | 0.004 | 0.03 | 0.2 | 0.03 | 1.6 |
| 13-Jul-11 | Thomas Barrette | | 1218608 | 0.1 | 0.8 | 0.1 | 27 | 0.09 | 0.047 | 15 | 18 | 0.32 | 94 | 0.019 | <1 | 1.04 | 0.004 | 0.03 | 0.3 | 0.04 | 1.7 |
| 13-Jul-11 | Thomas Barrette | | 1218609 | <0.1 | 0.6 | 0.2 | 32 | 0.08 | 0.051 | 16 | 19 | 0.35 | 102 | 0.015 | <1 | 1.16 | 0.004 | 0.03 | 0.2 | 0.04 | 1.1 |
| 13-Jul-11 | Thomas Barrette | | 1218610 | 0.4 | 0.8 | 0.2 | 24 | 0.12 | 0.054 | 27 | 15 | 0.36 | 225 | 0.02 | 1 | 0.86 | 0.005 | 0.04 | 0.2 | 0.03 | 2.7 |
| 13-Jul-11 | Thomas Barrette | | 1218611 | 0.3 | 0.9 | 0.2 | 23 | 0.91 | 0.06 | 26 | 16 | 0.5 | 173 | 0.016 | 1 | 0.86 | 0.006 | 0.05 | 0.3 | 0.05 | 3.4 |
| 13-Jul-11 | Thomas Barrette | | 1218612 | 0.2 | 0.8 | 0.2 | 31 | 0.09 | 0.05 | 26 | 20 | 0.46 | 136 | 0.017 | 2 | 1.19 | 0.004 | 0.04 | 0.2 | 0.03 | 2.5 |
| 13-Jul-11 | Thomas Barrette | | 1218613 | 0.2 | 0.7 | 0.2 | 32 | 0.08 | 0.05 | 26 | 21 | 0.42 | 125 | 0.02 | 1 | 1.24 | 0.004 | 0.03 | 0.2 | 0.04 | 1.8 |
| 13-Jul-11 | Thomas Barrette | | 1218614 | <0.1 | 0.6 | 0.2 | 46 | 0.06 | 0.047 | 14 | 26 | 0.39 | 84 | 0.031 | <1 | 1.22 | 0.004 | 0.03 | 0.2 | 0.03 | 2 |
| 13-Jul-11 | Thomas Barrette | | 1218615 | 0.1 | 0.8 | 0.2 | 47 | 0.07 | 0.048 | 13 | 21 | 0.32 | 68 | 0.026 | <1 | 1.11 | 0.005 | 0.03 | 0.3 | 0.02 | 1.5 |
| 13-Jul-11 | Thomas Barrette | | 1218616 | 0.1 | 0.7 | 0.3 | 35 | 0.07 | 0.049 | 33 | 24 | 0.74 | 208 | 0.019 | 1 | 1.51 | 0.004 | 0.03 | 0.2 | 0.03 | 2.2 |
| 13-Jul-11 | Thomas Barrette | | 1218617 | 0.1 | 0.6 | 0.2 | 36 | 0.09 | 0.052 | 15 | 21 | 0.38 | 95 | 0.024 | <1 | 1.29 | 0.004 | 0.03 | 0.2 | 0.04 | 1.9 |
| 13-Jul-11 | Thomas Barrette | | 1218618 | 0.3 | 0.8 | 0.2 | 35 | 0.1 | 0.051 | 21 | 22 | 0.43 | 193 | 0.026 | <1 | 1.31 | 0.005 | 0.04 | 0.3 | 0.04 | 2.8 |
| 13-Jul-11 | Thomas Barrette | | 1218619 | 0.2 | 0.6 | 0.2 | 34 | 0.12 | 0.073 | 17 | 21 | 0.4 | 90 | 0.025 | <1 | 1.23 | 0.004 | 0.03 | 0.2 | 0.03 | 1.7 |
| 13-Jul-11 | Thomas Barrette | | 1218620 | <0.1 | 0.5 | 0.2 | 35 | 0.07 | 0.045 | 24 | 21 | 0.39 | 152 | 0.021 | <1 | 1.27 | 0.004 | 0.03 | 0.2 | 0.04 | 2 |
| 13-Jul-11 | Thomas Barrette | | 1218621 | 0.2 | 0.8 | 0.3 | 42 | 0.07 | 0.046 | 17 | 25 | 0.38 | 149 | 0.029 | <1 | 1.46 | 0.005 | 0.04 | 0.3 | 0.03 | 2.7 |
| 13-Jul-11 | Thomas Barrette | | 1218622 | <0.1 | 0.7 | 0.2 | 25 | 0.05 | 0.035 | 21 | 17 | 0.29 | 91 | 0.013 | <1 | 1.05 | 0.003 | 0.03 | 0.2 | 0.04 | 1.2 |
| 13-Jul-11 | Thomas Barrette | | 1218623 | 0.2 | 0.8 | 0.2 | 25 | 0.07 | 0.045 | 18 | 19 | 0.35 | 109 | 0.018 | <1 | 1.11 | 0.004 | 0.05 | 0.3 | 0.04 | 1.6 |
| 13-Jul-11 | Thomas Barrette | | 1218624 | 0.2 | 0.7 | 0.2 | 26 | 0.13 | 0.052 | 28 | 20 | 0.4 | 316 | 0.02 | <1 | 1.11 | 0.005 | 0.05 | 0.3 | 0.04 | 2 |
| 13-Jul-11 | Thomas Barrette | | 1218625 | 0.1 | 0.6 | 0.2 | 26 | 0.1 | 0.046 | 31 | 19 | 0.42 | 291 | 0.019 | <1 | 1.19 | 0.004 | 0.03 | 0.2 | 0.05 | 1.8 |
| 13-Jul-11 | Thomas Barrette | | 1218626 | 0.1 | 0.7 | 0.2 | 30 | 0.07 | 0.034 | 29 | 21 | 0.41 | 222 | 0.02 | <1 | 1.29 | 0.006 | 0.04 | 0.2 | 0.04 | 2 |
| 13-Jul-11 | Thomas Barrette | | 1218627 | 0.1 | 0.7 | 0.2 | 32 | 0.06 | 0.035 | 21 | 24 | 0.33 | 118 | 0.024 | <1 | 1.24 | 0.004 | 0.04 | 0.2 | 0.04 | 1.8 |
| 14-Jul-11 | Thomas Barrette | OV-0196 | 1218628 | 0.1 | 0.8 | 0.1 | 25 | 0.11 | 0.05 | 20 | 15 | 0.29 | 204 | 0.022 | <1 | 0.81 | 0.005 | 0.04 | 0.4 | 0.03 | 1.7 |
| 14-Jul-11 | Thomas Barrette | OV-0195 | 1218629 | <0.1 | 0.6 | 0.1 | 21 | 0.07 | 0.051 | 15 | 15 | 0.25 | 54 | 0.01 | <1 | 0.83 | 0.003 | 0.03 | 0.3 | 0.02 | 0.8 |
| 14-Jul-11 | Thomas Barrette | OV-0194 | 1218630 | 0.2 | 0.7 | 0.1 | 29 | 0.12 | 0.069 | 15 | 19 | 0.35 | 104 | 0.018 | <1 | 1.42 | 0.005 | 0.04 | 0.2 | 0.03 | 1.8 |
| 14-Jul-11 | Thomas Barrette | OV-0193 | 1218631 | <0.1 | 0.5 | 0.1 | 28 | 0.06 | 0.042 | 19 | 18 | 0.28 | 88 | 0.015 | <1 | 1.01 | 0.004 | 0.03 | 0.2 | 0.03 | 0.9 |
| 14-Jul-11 | Thomas Barrette | OV-0192 | 1218632 | 0.1 | 0.5 | 0.2 | 36 | 0.06 | 0.051 | 15 | 21 | 0.28 | 73 | 0.019 | <1 | 1.13 | 0.005 | 0.03 | 0.2 | 0.02 | 1.2 |
| 14-Jul-11 | Thomas Barrette | OV-0191 | 1218633 | <0.1 | 0.5 | 0.2 | 31 | 0.07 | 0.05 | 17 | 19 | 0.29 | 90 | 0.013 | <1 | 1.08 | 0.004 | 0.03 | 0.2 | 0.04 | 0.9 |
| 14-Jul-11 | Thomas Barrette | OV-0190 | 1218634 | 0.2 | 0.7 | 0.2 | 23 | 0.05 | 0.03 | 39 | 19 | 0.43 | 145 | 0.015 | <1 | 1.2 | 0.004 | 0.04 | 0.2 | 0.03 | 1.9 |
| 14-Jul-11 | Thomas Barrette | OV-0189 | 1218635 | 0.1 | 0.7 | 0.2 | 26 | 0.06 | 0.034 | 31 | 18 | 0.34 | 198 | 0.023 | <1 | 1.15 | 0.005 | 0.04 | 0.2 | 0.03 | 2 |
| 14-Jul-11 | Thomas Barrette | OV-0188 | 1218636 | <0.1 | 0.7 | 0.1 | 29 | 0.08 | 0.05 | 14 | 19 | 0.3 | 78 | 0.022 | <1 | 1.12 | 0.004 | 0.04 | 0.2 | 0.03 | 1.6 |
| 14-Jul-11 | Thomas Barrette | OV-0187 | 1218637 | <0.1 | 0.5 | 0.1 | 26 | 0.05 | 0.074 | 23 | 17 | 0.25 | 109 | 0.013 | <1 | 1.07 | 0.004 | 0.03 | 0.1 | 0.03 | 1 |
| 14-Jul-11 | Thomas Barrette | OV-0186 | 1218638 | 0.1 | 0.9 | 0.1 | 27 | 0.13 | 0.046 | 25 | 17 | 0.33 | 167 | 0.028 | <1 | 1.01 | 0.005 | 0.05 | 0.3 | 0.05 | 2 |
| 14-Jul-11 | Thomas Barrette | OV-0185 | 1218639 | 0.1 | 0.7 | 0.1 | 29 | 0.12 | 0.059 | 22 | 19 | 0.37 | 141 | 0.028 | <1 | 1.13 | 0.006 | 0.04 | 0.2 | 0.05 | 2.7 |
| 14-Jul-11 | Thomas Barrette | OV-0184 | 1218640 | 0.1 | 0.7 | 0.2 | 37 | 0.1 | 0.05 | 15 | 23 | 0.34 | 94 | 0.02 | <1 | 1.3 | 0.006 | 0.04 | 0.2 | 0.04 | 1.2 |

| Date | Soil Sampler | Station | Lab Tag Number | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
|-----------|-----------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| 14-Jul-11 | Thomas Barrette | OV-0183 | 1218641 | 0.2 | 0.8 | 0.2 | 34 | 0.08 | 0.05 | 15 | 19 | 0.29 | 79 | 0.02 | <1 | 0.99 | 0.005 | 0.04 | 0.3 | 0.03 | 1.2 |
| 14-Jul-11 | Thomas Barrette | OV-0182 | 1218642 | 0.2 | 0.9 | 0.2 | 27 | 0.12 | 0.067 | 17 | 16 | 0.28 | 106 | 0.022 | <1 | 0.92 | 0.005 | 0.04 | 0.4 | 0.05 | 1.4 |
| 14-Jul-11 | Thomas Barrette | OV-0181 | 1218643 | 0.1 | 0.8 | 0.1 | 28 | 0.08 | 0.054 | 16 | 17 | 0.29 | 118 | 0.019 | <1 | 0.98 | 0.004 | 0.03 | 0.3 | 0.03 | 1.9 |
| 14-Jul-11 | Thomas Barrette | OV-0180 | 1218644 | 0.1 | 0.7 | 0.1 | 21 | 0.1 | 0.076 | 12 | 12 | 0.2 | 40 | 0.018 | <1 | 0.61 | 0.004 | 0.04 | 0.4 | 0.04 | 0.9 |
| 14-Jul-11 | Thomas Barrette | OV-0179 | 1218645 | 0.2 | 0.8 | 0.2 | 28 | 0.07 | 0.042 | 17 | 19 | 0.31 | 111 | 0.018 | <1 | 1.15 | 0.005 | 0.05 | 0.3 | 0.05 | 1.7 |
| 14-Jul-11 | Thomas Barrette | OV-0178 | 1218646 | 0.2 | 0.7 | 0.2 | 27 | 0.06 | 0.038 | 19 | 17 | 0.3 | 123 | 0.017 | <1 | 1.08 | 0.005 | 0.03 | 0.3 | 0.06 | 1.6 |
| 14-Jul-11 | Thomas Barrette | OV-0177 | 1218647 | 0.1 | 0.6 | 0.1 | 28 | 0.1 | 0.061 | 14 | 18 | 0.29 | 100 | 0.017 | <1 | 0.99 | 0.004 | 0.03 | 0.5 | 0.06 | 1.1 |
| 14-Jul-11 | Thomas Barrette | OV-0176 | 1218648 | 0.2 | 1.4 | 0.2 | 19 | 0.08 | 0.042 | 21 | 14 | 0.26 | 102 | 0.019 | <1 | 0.79 | 0.004 | 0.04 | 0.4 | 0.02 | 1.6 |
| 14-Jul-11 | Thomas Barrette | OV-0175 | 1218649 | 0.1 | 0.6 | 0.2 | 30 | 0.08 | 0.051 | 17 | 18 | 0.26 | 85 | 0.014 | <1 | 1.03 | 0.004 | 0.03 | 0.3 | 0.04 | 0.9 |
| 14-Jul-11 | Thomas Barrette | OV-0174 | 1218650 | 0.2 | 0.6 | 0.2 | 22 | 0.08 | 0.045 | 25 | 16 | 0.28 | 131 | 0.017 | <1 | 0.92 | 0.004 | 0.04 | 0.3 | 0.04 | 1.4 |
| 14-Jul-11 | Thomas Barrette | OV-0173 | 1218651 | 0.2 | 0.6 | 0.1 | 23 | 0.12 | 0.057 | 14 | 14 | 0.28 | 94 | 0.018 | <1 | 0.84 | 0.003 | 0.03 | 0.4 | 0.03 | 1.3 |
| 14-Jul-11 | Thomas Barrette | OV-0172 | 1218652 | 0.2 | 0.8 | 0.1 | 26 | 0.11 | 0.06 | 14 | 16 | 0.27 | 66 | 0.018 | <1 | 0.84 | 0.003 | 0.03 | 0.6 | 0.03 | 1.3 |
| 14-Jul-11 | Thomas Barrette | OV-0171 | 1218653 | 0.2 | 0.7 | 0.1 | 25 | 0.09 | 0.056 | 14 | 15 | 0.26 | 123 | 0.019 | <1 | 0.9 | 0.003 | 0.03 | 0.3 | 0.03 | 1.3 |
| 14-Jul-11 | Thomas Barrette | OV-0170 | 1218654 | 0.2 | 0.8 | 0.1 | 25 | 0.09 | 0.055 | 18 | 16 | 0.29 | 122 | 0.019 | <1 | 0.88 | 0.004 | 0.03 | 0.4 | 0.03 | 1.9 |
| 15-Jul-11 | Thomas Barrette | OV-0480 | 1218655 | <0.1 | 0.5 | 0.2 | 29 | 0.06 | 0.038 | 17 | 16 | 0.26 | 78 | 0.016 | <1 | 0.95 | 0.004 | 0.05 | 0.2 | 0.03 | 0.8 |
| 15-Jul-11 | Thomas Barrette | OV-0481 | 1218656 | 0.1 | 0.6 | 0.2 | 31 | 0.05 | 0.049 | 15 | 18 | 0.27 | 58 | 0.015 | <1 | 1.02 | 0.003 | 0.04 | 0.3 | 0.03 | 0.9 |
| 15-Jul-11 | Thomas Barrette | OV-0482 | 1218657 | 0.1 | 0.6 | 0.1 | 28 | 0.09 | 0.049 | 18 | 19 | 0.31 | 92 | 0.018 | <1 | 1.1 | 0.005 | 0.04 | 0.3 | 0.03 | 1.3 |
| 15-Jul-11 | Thomas Barrette | OV-0483 | 1218658 | 0.2 | 0.7 | 0.2 | 30 | 0.05 | 0.048 | 16 | 18 | 0.3 | 106 | 0.016 | 2 | 1.11 | 0.004 | 0.04 | 0.3 | 0.04 | 1.1 |
| 15-Jul-11 | Thomas Barrette | OV-0484 | 1218659 | 0.2 | 0.9 | 0.2 | 27 | 0.08 | 0.053 | 14 | 17 | 0.31 | 74 | 0.018 | 1 | 1.02 | 0.003 | 0.05 | 0.3 | 0.02 | 1.4 |
| 15-Jul-11 | Thomas Barrette | OV-0485 | 1218660 | 0.1 | 0.7 | 0.2 | 29 | 0.06 | 0.044 | 18 | 18 | 0.3 | 90 | 0.02 | 4 | 1.12 | 0.003 | 0.08 | 0.3 | 0.04 | 1.5 |
| 15-Jul-11 | Thomas Barrette | OV-0486 | 1218661 | 0.3 | 0.7 | 0.2 | 29 | 0.06 | 0.051 | 12 | 17 | 0.29 | 79 | 0.017 | 2 | 1.06 | 0.004 | 0.04 | 0.3 | 0.05 | 1.1 |
| 15-Jul-11 | Thomas Barrette | OV-0487 | 1218662 | <0.1 | 0.4 | 0.2 | 26 | 0.03 | 0.051 | 13 | 13 | 0.14 | 52 | 0.005 | <1 | 0.83 | 0.003 | 0.04 | 0.2 | 0.05 | 0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0488 | 1218663 | <0.1 | 0.6 | 0.2 | 26 | 0.05 | 0.046 | 18 | 18 | 0.28 | 91 | 0.014 | <1 | 1.06 | 0.003 | 0.05 | 0.2 | 0.03 | 1.1 |
| 15-Jul-11 | Thomas Barrette | OV-0489 | 1218664 | 0.2 | 0.9 | 0.2 | 22 | 0.08 | 0.055 | 18 | 18 | 0.28 | 82 | 0.017 | <1 | 0.77 | 0.003 | 0.05 | 0.4 | 0.02 | 1.6 |
| 15-Jul-11 | Thomas Barrette | OV-0490 | 1218665 | 0.1 | 0.7 | 0.2 | 32 | 0.05 | 0.053 | 16 | 21 | 0.34 | 110 | 0.016 | <1 | 1.24 | 0.004 | 0.05 | 0.3 | 0.03 | 1.3 |
| 15-Jul-11 | Thomas Barrette | OV-0491 | 1218666 | <0.1 | 0.6 | 0.2 | 27 | 0.04 | 0.048 | 15 | 18 | 0.29 | 73 | 0.013 | 2 | 1.06 | 0.004 | 0.05 | 0.3 | 0.03 | 0.9 |
| 15-Jul-11 | Thomas Barrette | OV-0492 | 1218667 | <0.1 | 0.5 | 0.2 | 32 | 0.06 | 0.049 | 16 | 23 | 0.36 | 92 | 0.018 | 2 | 1.19 | 0.004 | 0.04 | 0.2 | 0.03 | 1.1 |
| 15-Jul-11 | Thomas Barrette | OV-0493 | 1218668 | 0.1 | 0.5 | 0.2 | 28 | 0.07 | 0.054 | 13 | 19 | 0.29 | 70 | 0.017 | 2 | 1.13 | 0.003 | 0.04 | 0.3 | 0.03 | 1 |
| 15-Jul-11 | Thomas Barrette | OV-0494 | 1218669 | 0.1 | 0.7 | 0.2 | 27 | 0.07 | 0.058 | 19 | 19 | 0.32 | 82 | 0.015 | <1 | 1.02 | 0.003 | 0.04 | 0.3 | 0.03 | 1 |
| 15-Jul-11 | Thomas Barrette | OV-0495 | 1218670 | 0.2 | 0.8 | 0.2 | 26 | 0.11 | 0.058 | 29 | 22 | 0.39 | 284 | 0.026 | 2 | 1.07 | 0.005 | 0.07 | 0.2 | 0.04 | 2.4 |
| 15-Jul-11 | Thomas Barrette | OV-0496 | 1218671 | 0.2 | 0.8 | 0.2 | 25 | 0.14 | 0.081 | 18 | 18 | 0.33 | 89 | 0.021 | <1 | 1.04 | 0.004 | 0.05 | 0.3 | 0.04 | 2 |
| 15-Jul-11 | Thomas Barrette | OV-0497 | 1218672 | 0.2 | 0.6 | 0.1 | 22 | 0.1 | 0.054 | 19 | 16 | 0.31 | 124 | 0.015 | 1 | 0.9 | 0.005 | 0.05 | 0.3 | 0.04 | 1.5 |
| 15-Jul-11 | Thomas Barrette | OV-0498 | 1218673 | 0.2 | 0.5 | 0.2 | 22 | 0.07 | 0.057 | 17 | 15 | 0.31 | 67 | 0.012 | 1 | 0.95 | 0.005 | 0.06 | 0.2 | 0.02 | 0.8 |
| 15-Jul-11 | Thomas Barrette | OV-0499 | 1218674 | 0.1 | 0.7 | 0.2 | 27 | 0.18 | 0.075 | 17 | 16 | 0.36 | 112 | 0.025 | <1 | 1.07 | 0.005 | 0.04 | 0.3 | 0.03 | 1.8 |
| 15-Jul-11 | Thomas Barrette | OV-0500 | 1218675 | 0.1 | 0.9 | 0.2 | 28 | 0.06 | 0.038 | 14 | 17 | 0.32 | 73 | 0.017 | 3 | 1.03 | 0.004 | 0.04 | 0.3 | 0.02 | 1.5 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|-----------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 15-Jul-11 | Thomas Barrette | OV-0501 | 1218676 | <0.1 | 0.8 | 0.2 | 34 | 0.1 | 0.057 | 17 | 28 | 0.4 | 214 | 0.021 | 1 | 1.32 | 0.006 | 0.05 | 0.3 | 0.05 | 4 |
| 15-Jul-11 | Thomas Barrette | OV-0502 | 1218677 | <0.1 | 1 | 0.2 | 34 | 0.06 | 0.034 | 17 | 20 | 0.35 | 144 | 0.02 | 1 | 1.29 | 0.005 | 0.05 | 0.2 | 0.03 | 2.3 |
| 15-Jul-11 | Thomas Barrette | OV-0503 | 1218678 | 0.1 | 1 | 0.2 | 46 | 0.06 | 0.033 | 17 | 26 | 0.38 | 161 | 0.027 | <1 | 1.71 | 0.006 | 0.04 | 0.3 | 0.05 | 3.4 |
| 15-Jul-11 | Thomas Barrette | OV-0504 | 1218679 | 0.3 | 1.1 | 0.2 | 32 | 0.04 | 0.031 | 15 | 20 | 0.39 | 122 | 0.026 | 2 | 1.36 | 0.008 | 0.06 | 0.2 | 0.03 | 2.2 |
| 15-Jul-11 | Thomas Barrette | OV-0505 | 1218680 | 0.2 | 0.8 | 0.2 | 34 | 0.05 | 0.031 | 16 | 17 | 0.26 | 107 | 0.016 | <1 | 1.13 | 0.003 | 0.05 | 0.2 | 0.02 | 1.3 |
| 15-Jul-11 | Thomas Barrette | OV-0506 | 1218681 | <0.1 | 0.7 | 0.2 | 23 | 0.04 | 0.029 | 19 | 17 | 0.27 | 96 | 0.014 | 1 | 1.15 | 0.004 | 0.04 | 0.2 | 0.03 | 1.4 |
| 15-Jul-11 | Thomas Barrette | OV-0507 | 1218682 | <0.1 | 0.6 | 0.2 | 25 | 0.07 | 0.029 | 22 | 17 | 0.31 | 155 | 0.013 | <1 | 1.03 | 0.004 | 0.04 | 0.2 | 0.04 | 1.8 |
| 15-Jul-11 | Thomas Barrette | OV-0508 | 1218683 | <0.1 | 0.9 | 0.2 | 41 | 0.06 | 0.027 | 18 | 27 | 0.43 | 176 | 0.028 | <1 | 1.76 | 0.006 | 0.05 | 0.2 | 0.05 | 3.2 |
| 15-Jul-11 | Thomas Barrette | OV-0509 | 1218684 | 0.1 | 0.7 | 0.2 | 33 | 0.05 | 0.022 | 15 | 22 | 0.37 | 154 | 0.029 | <1 | 1.41 | 0.006 | 0.04 | 0.3 | 0.04 | 2.1 |
| 15-Jul-11 | Thomas Barrette | OV-0510 | 1218685 | 0.1 | 0.5 | 0.3 | 20 | 0.03 | 0.022 | 39 | 20 | 0.49 | 144 | 0.011 | <1 | 1.57 | 0.007 | 0.04 | <0.1 | 0.05 | 1.6 |
| 15-Jul-11 | Thomas Barrette | OV-0511 | 1218686 | 0.1 | 0.3 | 0.2 | 26 | 0.07 | 0.069 | 12 | 13 | 0.18 | 118 | 0.007 | <1 | 0.74 | 0.005 | 0.04 | 0.2 | 0.02 | 0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0512 | 1218687 | <0.1 | 0.5 | 0.2 | 19 | 0.02 | 0.026 | 33 | 14 | 0.23 | 110 | 0.009 | <1 | 0.94 | 0.003 | 0.04 | 0.1 | 0.05 | 1.3 |
| 15-Jul-11 | Thomas Barrette | OV-0513 | 1218688 | <0.1 | 0.7 | 0.1 | 23 | 0.04 | 0.024 | 14 | 15 | 0.29 | 95 | 0.019 | <1 | 0.91 | 0.004 | 0.04 | 0.2 | 0.03 | 1.4 |
| 15-Jul-11 | Thomas Barrette | OV-0514 | 1218689 | <0.1 | 0.7 | 0.2 | 25 | 0.05 | 0.023 | 29 | 15 | 0.3 | 184 | 0.02 | <1 | 1.04 | 0.006 | 0.05 | 0.1 | 0.05 | 2.4 |
| 15-Jul-11 | Thomas Barrette | OV-0515 | 1218690 | <0.1 | 0.8 | 0.2 | 25 | 0.05 | 0.024 | 25 | 16 | 0.31 | 159 | 0.025 | <1 | 1 | 0.005 | 0.06 | 0.2 | 0.04 | 2.3 |
| 15-Jul-11 | Thomas Barrette | OV-0516 | 1218691 | 0.1 | 0.8 | 0.2 | 26 | 0.05 | 0.024 | 18 | 16 | 0.27 | 137 | 0.018 | <1 | 0.96 | 0.003 | 0.04 | 0.2 | 0.02 | 2 |
| 15-Jul-11 | Thomas Barrette | OV-0517 | 1218692 | 0.1 | 0.3 | 0.2 | 14 | 0.03 | 0.039 | 34 | 11 | 0.1 | 80 | 0.004 | <1 | 0.74 | 0.003 | 0.06 | <0.1 | 0.07 | 1.2 |
| 15-Jul-11 | Thomas Barrette | OV-0518 | 1218693 | <0.1 | 0.6 | 0.2 | 25 | 0.05 | 0.021 | 17 | 14 | 0.24 | 137 | 0.013 | <1 | 1.01 | 0.003 | 0.04 | 0.2 | 0.02 | 1.4 |
| 15-Jul-11 | Thomas Barrette | OV-0519 | 1218694 | <0.1 | 0.4 | 0.2 | 14 | 0.09 | 0.03 | 32 | 18 | 0.38 | 116 | 0.006 | <1 | 0.98 | 0.003 | 0.04 | 0.1 | 0.02 | 1 |
| 15-Jul-11 | Thomas Barrette | OV-0520 | 1218695 | <0.1 | 0.4 | 0.2 | 17 | 0.07 | 0.029 | 27 | 14 | 0.28 | 112 | 0.006 | <1 | 0.85 | 0.003 | 0.03 | 0.1 | 0.03 | 0.9 |
| 15-Jul-11 | Thomas Barrette | OV-0521 | 1218696 | <0.1 | 0.3 | 0.3 | 24 | 0.06 | 0.03 | 22 | 14 | 0.22 | 129 | 0.008 | <1 | 0.96 | 0.004 | 0.04 | 0.2 | 0.04 | 0.9 |
| 15-Jul-11 | Thomas Barrette | OV-0522 | 1218697 | <0.1 | 0.3 | 0.2 | 16 | 0.04 | 0.03 | 28 | 13 | 0.26 | 89 | 0.004 | <1 | 0.88 | 0.003 | 0.03 | 0.1 | 0.04 | 0.8 |
| 14-Jul-11 | Myles Rusk | OV-0110 | 1218751 | 0.1 | 0.5 | 0.1 | 28 | 0.06 | 0.053 | 12 | 18 | 0.27 | 105 | 0.011 | <1 | 1.03 | 0.003 | 0.02 | 0.2 | 0.04 | 1 |
| 14-Jul-11 | Myles Rusk | OV-0111 | 1218752 | <0.1 | 0.5 | 0.2 | 30 | 0.05 | 0.043 | 11 | 18 | 0.23 | 72 | 0.012 | <1 | 0.94 | 0.003 | 0.02 | 0.2 | 0.03 | 1.1 |
| 14-Jul-11 | Myles Rusk | OV-0112 | 1218753 | <0.1 | 0.5 | 0.2 | 22 | 0.03 | 0.034 | 21 | 17 | 0.35 | 71 | 0.009 | <1 | 1.02 | 0.003 | 0.02 | 0.1 | 0.03 | 0.9 |
| 14-Jul-11 | Myles Rusk | OV-0113 | 1218754 | <0.1 | 0.5 | 0.2 | 31 | 0.04 | 0.036 | 11 | 16 | 0.24 | 64 | 0.008 | <1 | 0.95 | 0.003 | 0.02 | 0.2 | 0.04 | 0.4 |
| 14-Jul-11 | Myles Rusk | OV-0114 | 1218755 | <0.1 | 0.4 | 0.1 | 32 | 0.04 | 0.045 | 11 | 18 | 0.25 | 59 | 0.013 | <1 | 0.95 | 0.003 | 0.02 | 0.2 | 0.04 | 0.9 |
| 14-Jul-11 | Myles Rusk | OV-0115 | 1218756 | 0.1 | 0.5 | 0.1 | 26 | 0.06 | 0.045 | 11 | 17 | 0.26 | 71 | 0.01 | <1 | 0.94 | 0.003 | 0.03 | 0.2 | 0.03 | 0.8 |
| 14-Jul-11 | Myles Rusk | OV-0116 | 1218757 | <0.1 | 0.8 | 0.2 | 43 | 0.03 | 0.022 | 11 | 24 | 0.31 | 130 | 0.023 | <1 | 1.35 | 0.004 | 0.02 | 0.2 | 0.05 | 2.3 |
| 14-Jul-11 | Myles Rusk | OV-0117 | 1218758 | <0.1 | 0.6 | 0.1 | 39 | 0.04 | 0.028 | 12 | 23 | 0.32 | 110 | 0.019 | <1 | 1.34 | 0.004 | 0.03 | 0.2 | 0.04 | 2 |
| 14-Jul-11 | Myles Rusk | OV-0118 | 1218759 | <0.1 | 0.4 | 0.4 | 33 | 0.06 | 0.024 | 17 | 16 | 0.28 | 138 | 0.014 | <1 | 1.28 | 0.004 | 0.03 | 0.2 | 0.03 | 1.6 |
| 14-Jul-11 | Myles Rusk | OV-0119 | 1218760 | <0.1 | 0.4 | 0.2 | 29 | 0.04 | 0.036 | 13 | 17 | 0.22 | 83 | 0.012 | <1 | 1.02 | 0.004 | 0.02 | 0.2 | 0.03 | 1.2 |
| 14-Jul-11 | Myles Rusk | OV-0120 | 1218761 | <0.1 | 0.4 | 0.1 | 26 | 0.03 | 0.033 | 10 | 14 | 0.21 | 51 | 0.007 | <1 | 0.8 | 0.003 | 0.02 | 0.3 | 0.03 | 0.3 |
| 14-Jul-11 | Myles Rusk | OV-0121 | 1218762 | <0.1 | 0.4 | 0.2 | 32 | 0.2 | 0.04 | 12 | 17 | 0.27 | 117 | 0.008 | <1 | 1.05 | 0.005 | 0.03 | 0.2 | 0.04 | 0.6 |
| 14-Jul-11 | Myles Rusk | OV-0122 | 1218763 | 0.1 | 0.4 | 0.2 | 23 | 0.37 | 0.062 | 16 | 16 | 0.26 | 155 | 0.006 | <1 | 0.95 | 0.005 | 0.02 | 0.3 | 0.06 | 0.9 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|-----------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 14-Jul-11 | Myles Rusk | OV-0123 | 1218764 | <0.1 | 0.6 | 0.1 | 24 | 0.07 | 0.031 | 14 | 15 | 0.3 | 86 | 0.013 | <1 | 0.92 | 0.003 | 0.03 | 0.2 | 0.04 | 1.3 |
| 14-Jul-11 | Myles Rusk | OV-0124 | 1218765 | <0.1 | 0.6 | 0.2 | 28 | 0.07 | 0.033 | 19 | 16 | 0.3 | 85 | 0.011 | <1 | 0.9 | 0.003 | 0.03 | 0.2 | 0.02 | 1.1 |
| 14-Jul-11 | Myles Rusk | OV-0125 | 1218766 | <0.1 | 0.6 | 0.2 | 26 | 0.05 | 0.031 | 19 | 16 | 0.31 | 92 | 0.012 | <1 | 0.91 | 0.003 | 0.02 | 0.2 | 0.04 | 1.1 |
| 15-Jul-11 | Myles Rusk | OV-0126 | 1218767 | <0.1 | 0.5 | 0.2 | 22 | 0.1 | 0.04 | 30 | 17 | 0.35 | 92 | 0.009 | <1 | 1 | 0.003 | 0.03 | 0.2 | 0.02 | 1.2 |
| 15-Jul-11 | Myles Rusk | OV-0127 | 1218768 | <0.1 | 0.4 | 0.2 | 27 | 0.06 | 0.03 | 27 | 13 | 0.21 | 98 | 0.011 | <1 | 0.71 | 0.004 | 0.03 | 0.3 | 0.02 | 0.8 |
| 15-Jul-11 | Myles Rusk | OV-0128 | 1218769 | <0.1 | 0.5 | 0.1 | 28 | 0.04 | 0.033 | 14 | 18 | 0.31 | 74 | 0.01 | <1 | 1.02 | 0.003 | 0.03 | 0.2 | 0.02 | 1 |
| 15-Jul-11 | Myles Rusk | OV-0129 | 1218770 | <0.1 | 0.4 | 0.2 | 24 | 0.06 | 0.029 | 19 | 17 | 0.3 | 65 | 0.01 | <1 | 0.86 | 0.003 | 0.02 | 0.2 | 0.02 | 0.8 |
| 15-Jul-11 | Myles Rusk | OV-0130 | 1218771 | <0.1 | 0.5 | 0.1 | 39 | 0.04 | 0.021 | 12 | 21 | 0.28 | 135 | 0.014 | <1 | 1.3 | 0.004 | 0.02 | 0.2 | 0.03 | 1.6 |
| 15-Jul-11 | Myles Rusk | OV-0131 | 1218772 | <0.1 | 0.4 | 0.1 | 26 | 0.03 | 0.019 | 15 | 16 | 0.3 | 101 | 0.009 | <1 | 1.01 | 0.004 | 0.02 | 0.2 | 0.02 | 1 |
| 15-Jul-11 | Myles Rusk | OV-0132 | 1218773 | <0.1 | 0.7 | 0.2 | 35 | 0.04 | 0.017 | 21 | 20 | 0.33 | 123 | 0.02 | <1 | 1.21 | 0.004 | 0.02 | 0.2 | 0.05 | 2.4 |
| 15-Jul-11 | Myles Rusk | OV-0133 | 1218774 | <0.1 | 0.6 | 0.1 | 34 | 0.03 | 0.027 | 10 | 19 | 0.28 | 113 | 0.014 | <1 | 1.35 | 0.003 | 0.03 | 0.2 | 0.04 | 1.5 |
| 15-Jul-11 | Myles Rusk | OV-0134 | 1218775 | <0.1 | 0.5 | 0.2 | 28 | 0.05 | 0.031 | 15 | 21 | 0.38 | 92 | 0.012 | <1 | 1.32 | 0.003 | 0.02 | 0.1 | 0.02 | 1.2 |
| 15-Jul-11 | Myles Rusk | OV-0135 | 1218776 | <0.1 | 0.6 | 0.1 | 33 | 0.04 | 0.023 | 12 | 19 | 0.29 | 101 | 0.017 | <1 | 1.22 | 0.004 | 0.02 | 0.2 | 0.05 | 1.8 |
| 15-Jul-11 | Myles Rusk | OV-0136 | 1218777 | <0.1 | 0.6 | 0.1 | 28 | 0.03 | 0.032 | 10 | 16 | 0.24 | 112 | 0.013 | <1 | 0.99 | 0.003 | 0.02 | 0.2 | 0.05 | 1.3 |
| 15-Jul-11 | Myles Rusk | OV-0137 | 1218778 | <0.1 | 0.4 | 0.2 | 21 | 0.04 | 0.046 | 32 | 19 | 0.39 | 96 | 0.002 | <1 | 1.28 | 0.003 | 0.02 | <0.1 | 0.02 | 1 |
| 15-Jul-11 | Myles Rusk | OV-0138 | 1218779 | <0.1 | 0.4 | 0.2 | 38 | 0.06 | 0.04 | 9 | 15 | 0.17 | 113 | 0.009 | 1 | 0.9 | 0.003 | 0.02 | 0.2 | <0.01 | 0.9 |
| 15-Jul-11 | Myles Rusk | OV-0001 | 1218780 | <0.1 | 0.3 | 0.2 | 25 | 0.09 | 0.031 | 11 | 14 | 0.22 | 144 | 0.01 | 2 | 0.78 | 0.003 | 0.03 | 0.3 | 0.02 | 1 |
| 15-Jul-11 | Myles Rusk | OV-0002 | 1218781 | <0.1 | 0.4 | 0.2 | 30 | 0.11 | 0.035 | 13 | 17 | 0.29 | 134 | 0.012 | <1 | 1 | 0.003 | 0.03 | 0.2 | 0.02 | 1.5 |
| 15-Jul-11 | Myles Rusk | OV-0003 | 1218782 | <0.1 | 0.3 | 0.2 | 32 | 0.09 | 0.044 | 10 | 17 | 0.24 | 93 | 0.011 | <1 | 0.93 | 0.004 | 0.02 | 0.2 | 0.02 | 1 |
| 15-Jul-11 | Myles Rusk | OV-0004 | 1218783 | <0.1 | 0.3 | 0.2 | 26 | 0.04 | 0.025 | 15 | 15 | 0.22 | 91 | 0.008 | <1 | 0.82 | 0.003 | 0.02 | 0.2 | 0.04 | 1.5 |
| 15-Jul-11 | Myles Rusk | OV-0005 | 1218784 | <0.1 | 0.4 | 0.2 | 26 | 0.05 | 0.028 | 21 | 17 | 0.35 | 115 | 0.014 | <1 | 0.93 | 0.003 | 0.02 | 0.2 | 0.05 | 2.1 |
| 15-Jul-11 | Myles Rusk | OV-0006 | 1218785 | <0.1 | 0.3 | 0.2 | 21 | 0.03 | 0.023 | 24 | 13 | 0.27 | 92 | 0.008 | <1 | 0.8 | 0.003 | 0.03 | 0.1 | 0.14 | 2 |
| 15-Jul-11 | Myles Rusk | OV-0007 | 1218786 | <0.1 | 0.2 | 0.2 | 19 | 0.03 | 0.02 | 28 | 16 | 0.3 | 79 | 0.005 | <1 | 0.99 | 0.003 | 0.02 | <0.1 | 0.07 | 1.2 |
| 15-Jul-11 | Myles Rusk | OV-0008 | 1218787 | <0.1 | 0.3 | 0.2 | 20 | 0.04 | 0.032 | 21 | 14 | 0.26 | 92 | 0.006 | <1 | 0.85 | 0.003 | 0.03 | 0.1 | 0.03 | 0.7 |
| 15-Jul-11 | Myles Rusk | OV-0009 | 1218788 | <0.1 | 0.5 | 0.2 | 31 | 0.03 | 0.015 | 15 | 18 | 0.31 | 99 | 0.013 | <1 | 1.05 | 0.003 | 0.02 | 0.2 | 0.03 | 2 |
| 15-Jul-11 | Myles Rusk | OV-0010 | 1218789 | <0.1 | 0.2 | 0.6 | 20 | 0.05 | 0.029 | 50 | 18 | 0.65 | 61 | 0.025 | <1 | 0.9 | 0.002 | 0.02 | <0.1 | 0.06 | 2.3 |
| 15-Jul-11 | Myles Rusk | OV-0011 | 1218790 | <0.1 | 0.4 | 0.2 | 35 | 0.07 | 0.018 | 13 | 18 | 0.26 | 165 | 0.01 | <1 | 1.09 | 0.003 | 0.03 | 0.1 | 0.07 | 1.4 |
| 15-Jul-11 | Myles Rusk | OV-0012 | 1218791 | <0.1 | 0.5 | 0.2 | 18 | 0.04 | 0.035 | 12 | 11 | 0.17 | 64 | 0.007 | <1 | 0.59 | 0.002 | 0.02 | 0.2 | 0.06 | 1.5 |
| 26-Jul-11 | Thomas Barrette | OV-0805 | 1218858 | 0.1 | 0.8 | 0.3 | 36 | 0.07 | 0.022 | 24 | 23 | 0.44 | 192 | 0.036 | 1 | 1.38 | 0.011 | 0.05 | 0.2 | 0.04 | 3.3 |
| 26-Jul-11 | Thomas Barrette | OV-0806 | 1218859 | <0.1 | 0.8 | 0.2 | 31 | 0.07 | 0.021 | 21 | 20 | 0.4 | 255 | 0.028 | 1 | 1.1 | 0.007 | 0.04 | 0.1 | 0.05 | 3.5 |
| 26-Jul-11 | Thomas Barrette | OV-0807 | 1218860 | <0.1 | 0.8 | 0.2 | 25 | 0.05 | 0.049 | 15 | 15 | 0.31 | 93 | 0.012 | <1 | 0.96 | 0.004 | 0.04 | 0.1 | 0.01 | 1.3 |
| 26-Jul-11 | Thomas Barrette | OV-0808 | 1218861 | <0.1 | 0.7 | 0.2 | 24 | 0.05 | 0.028 | 27 | 16 | 0.4 | 123 | 0.021 | <1 | 1.12 | 0.005 | 0.08 | 0.1 | 0.02 | 1.6 |
| 26-Jul-11 | Thomas Barrette | OV-0809 | 1218862 | 0.1 | 0.7 | 0.2 | 23 | 0.04 | 0.023 | 26 | 16 | 0.39 | 116 | 0.02 | <1 | 1.05 | 0.006 | 0.07 | <0.1 | 0.03 | 1.6 |
| 26-Jul-11 | Thomas Barrette | OV-0810 | 1218863 | 0.1 | 0.7 | 0.2 | 27 | 0.15 | 0.042 | 20 | 18 | 0.37 | 345 | 0.023 | <1 | 0.95 | 0.007 | 0.04 | 0.1 | 0.04 | 2.2 |
| 26-Jul-11 | Thomas Barrette | OV-0811 | 1218864 | 0.2 | 0.8 | 0.2 | 28 | 0.09 | 0.041 | 19 | 17 | 0.32 | 199 | 0.017 | <1 | 0.99 | 0.005 | 0.05 | 0.1 | 0.03 | 1.6 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|-----------------|---------------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 26-Jul-11 | Thomas Barrette | OV-0812 | 1218865 | <0.1 | 0.6 | 0.2 | 25 | 0.18 | 0.051 | 21 | 15 | 0.33 | 353 | 0.011 | 1 | 0.94 | 0.006 | 0.04 | 0.2 | 0.05 | 2.1 |
| 26-Jul-11 | Thomas Barrette | OV-0813 | 1218866 | 0.1 | 0.3 | 0.1 | 18 | 0.15 | 0.058 | 18 | 13 | 0.28 | 192 | 0.012 | <1 | 0.81 | 0.007 | 0.04 | 0.2 | 0.05 | 1.2 |
| 26-Jul-11 | Thomas Barrette | OV-0814 | 1218867 | <0.1 | 0.3 | 0.4 | 13 | 0.21 | 0.05 | 45 | 15 | 0.39 | 90 | 0.005 | <1 | 0.93 | 0.006 | 0.05 | 0.1 | 0.06 | 1 |
| 26-Jul-11 | Thomas Barrette | OV-0815 | 1218868 | <0.1 | 0.5 | 0.3 | 19 | 0.09 | 0.043 | 34 | 18 | 0.41 | 89 | 0.007 | <1 | 0.97 | 0.006 | 0.04 | 0.2 | 0.02 | 1.2 |
| 26-Jul-11 | Thomas Barrette | OV-0816 | 1218869 | <0.1 | 0.4 | 0.4 | 14 | 0.07 | 0.049 | 41 | 15 | 0.37 | 88 | 0.004 | <1 | 0.98 | 0.005 | 0.04 | <0.1 | 0.06 | 1.2 |
| 26-Jul-11 | Thomas Barrette | OV-0817 | 1218870 | 0.1 | 0.6 | 0.5 | 10 | 0.02 | 0.035 | 63 | 18 | 0.63 | 42 | 0.003 | <1 | 1.29 | 0.005 | 0.05 | <0.1 | 0.01 | 1.3 |
| 26-Jul-11 | Thomas Barrette | OV-0818 | 1218871 | <0.1 | 0.6 | 0.4 | 14 | 0.05 | 0.039 | 48 | 17 | 0.48 | 88 | 0.006 | <1 | 1.05 | 0.006 | 0.05 | <0.1 | 0.03 | 1.3 |
| 26-Jul-11 | Thomas Barrette | OV-0819 | 1218872 | <0.1 | 0.5 | 0.3 | 15 | 0.05 | 0.037 | 44 | 14 | 0.38 | 89 | 0.004 | <1 | 0.93 | 0.004 | 0.04 | <0.1 | 0.05 | 1.4 |
| 26-Jul-11 | Thomas Barrette | OV-0820 | 1218873 | <0.1 | 0.7 | 0.2 | 22 | 0.03 | 0.021 | 18 | 14 | 0.3 | 73 | 0.018 | <1 | 0.81 | 0.008 | 0.05 | 0.2 | 0.04 | 1.6 |
| 26-Jul-11 | Thomas Barrette | OV-0821 | 1218874 | <0.1 | 0.5 | 0.3 | 17 | 0.04 | 0.028 | 42 | 15 | 0.4 | 73 | 0.009 | <1 | 0.99 | 0.005 | 0.05 | <0.1 | 0.04 | 1.5 |
| 26-Jul-11 | Thomas Barrette | OV-0822 | 1218875 | 0.1 | 0.8 | <0.1 | 14 | 0.09 | 0.046 | 10 | 8 | 0.19 | 63 | 0.011 | <1 | 0.49 | 0.003 | 0.03 | 0.1 | 0.02 | 0.9 |
| 26-Jul-11 | Thomas Barrette | OV-0823 | 1218876 | <0.1 | 0.5 | 0.2 | 20 | 0.04 | 0.03 | 27 | 13 | 0.29 | 88 | 0.008 | <1 | 0.88 | 0.004 | 0.04 | 0.1 | 0.01 | 1.1 |
| 26-Jul-11 | Thomas Barrette | OV-0824 | 1218877 | 0.1 | 0.7 | 0.1 | 18 | 0.07 | 0.037 | 24 | 13 | 0.29 | 90 | 0.015 | <1 | 0.77 | 0.004 | 0.06 | 0.3 | 0.02 | 1.6 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218878 | 2.4 | 0.6 | 5 | 32 | 0.14 | 0.049 | 21 | 27 | 0.42 | 133 | 0.02 | <1 | 1.26 | 0.008 | 0.08 | 0.5 | 0.02 | 1.7 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218879 | 1.5 | 0.8 | 7.5 | 33 | 0.11 | 0.056 | 23 | 25 | 0.42 | 126 | 0.024 | <1 | 1.5 | 0.005 | 0.1 | 0.9 | 0.03 | 2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218880 | 2.2 | 0.7 | 1.8 | 36 | 0.12 | 0.052 | 18 | 26 | 0.42 | 121 | 0.03 | <1 | 1.55 | 0.006 | 0.08 | 0.5 | 0.03 | 1.9 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218881 | 1 | 0.8 | 13.7 | 40 | 0.11 | 0.051 | 18 | 27 | 0.45 | 131 | 0.032 | <1 | 1.56 | 0.009 | 0.11 | 2 | 0.02 | 1.9 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218882 | 1.7 | 0.6 | 4.4 | 36 | 0.14 | 0.046 | 16 | 24 | 0.42 | 146 | 0.019 | <1 | 1.31 | 0.007 | 0.06 | 0.5 | 0.03 | 1.6 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218883 | 4 | 0.6 | 4.1 | 33 | 0.16 | 0.057 | 22 | 21 | 0.37 | 213 | 0.014 | <1 | 1.29 | 0.007 | 0.08 | 0.2 | 0.04 | 1.3 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218884 | 1.5 | 0.8 | 2.6 | 32 | 0.1 | 0.033 | 18 | 22 | 0.44 | 128 | 0.017 | <1 | 1.41 | 0.005 | 0.08 | 0.5 | 0.02 | 1.7 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218885 | 0.8 | 1 | 2.3 | 33 | 0.08 | 0.036 | 16 | 21 | 0.39 | 104 | 0.018 | <1 | 1.28 | 0.005 | 0.06 | 0.3 | 0.03 | 1.6 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218886 | 3.5 | 0.8 | 3.6 | 32 | 0.11 | 0.041 | 21 | 23 | 0.45 | 183 | 0.013 | <1 | 1.48 | 0.006 | 0.1 | 0.3 | 0.03 | 2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218887 | 1.2 | 0.8 | 1.9 | 37 | 0.07 | 0.022 | 19 | 22 | 0.41 | 130 | 0.022 | <1 | 1.4 | 0.006 | 0.05 | 0.3 | 0.02 | 2.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218888 | 4.1 | 0.5 | 1.6 | 26 | 0.15 | 0.044 | 32 | 22 | 0.56 | 136 | 0.014 | <1 | 1.54 | 0.008 | 0.11 | 0.2 | 0.02 | 2.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218889 | 3.9 | 0.7 | 1.7 | 25 | 0.1 | 0.036 | 31 | 20 | 0.44 | 156 | 0.009 | <1 | 1.36 | 0.005 | 0.08 | 0.1 | 0.03 | 2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218890 | 1.4 | 0.7 | 2.4 | 30 | 0.09 | 0.023 | 19 | 20 | 0.39 | 124 | 0.012 | <1 | 1.37 | 0.006 | 0.05 | 0.2 | 0.03 | 1.8 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218891 | 1.1 | 0.7 | 2.5 | 34 | 0.1 | 0.044 | 18 | 23 | 0.47 | 80 | 0.019 | <1 | 1.48 | 0.005 | 0.06 | 0.1 | 0.02 | 2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218892 | 12.7 | 0.7 | 5 | 23 | 0.26 | 0.046 | 40 | 27 | 0.56 | 164 | 0.007 | <1 | 1.51 | 0.007 | 0.11 | 0.2 | 0.02 | 2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218893 | 18.9 | 1.4 | 9.3 | 23 | 0.17 | 0.058 | 27 | 19 | 0.45 | 106 | 0.012 | <1 | 1.34 | 0.005 | 0.08 | 0.2 | 0.02 | 1.9 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218894 | 3.4 | 0.7 | 1.3 | 30 | 0.15 | 0.05 | 15 | 18 | 0.33 | 173 | 0.008 | <1 | 1.2 | 0.004 | 0.04 | 0.2 | 0.04 | 1.4 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218895 | 4.4 | 0.8 | 5.5 | 33 | 0.13 | 0.039 | 20 | 21 | 0.41 | 158 | 0.023 | 1 | 1.24 | 0.006 | 0.06 | 2.1 | 0.02 | 2.4 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218896 | 1.8 | 0.6 | 5.2 | 38 | 0.08 | 0.033 | 18 | 21 | 0.37 | 104 | 0.019 | 1 | 1.35 | 0.005 | 0.07 | 1 | 0.02 | 1.7 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218897 | 1.9 | 0.5 | 5.1 | 41 | 0.1 | 0.036 | 20 | 19 | 0.24 | 128 | 0.019 | 1 | 1.14 | 0.006 | 0.07 | 0.7 | 0.02 | 1.3 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218898 | 4.2 | 0.7 | 2.4 | 39 | 0.08 | 0.037 | 19 | 22 | 0.36 | 116 | 0.018 | <1 | 1.3 | 0.005 | 0.06 | 0.3 | 0.02 | 1.5 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218899 | 2.6 | 0.6 | 5.2 | 35 | 0.16 | 0.049 | 26 | 25 | 0.42 | 234 | 0.014 | 1 | 1.52 | 0.007 | 0.08 | 0.4 | 0.04 | 2.1 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|-----------------|---------------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218900 | 2.8 | 0.5 | 2.5 | 34 | 0.08 | 0.071 | 24 | 19 | 0.28 | 169 | 0.012 | 2 | 1.27 | 0.007 | 0.06 | 0.2 | 0.02 | 1 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218901 | 2.5 | 0.6 | 11.3 | 32 | 0.16 | 0.052 | 17 | 22 | 0.44 | 174 | 0.023 | <1 | 1.36 | 0.009 | 0.1 | 1.9 | 0.03 | 1.7 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218902 | 8 | 0.6 | 22.8 | 33 | 0.19 | 0.04 | 21 | 24 | 0.48 | 174 | 0.032 | 1 | 1.47 | 0.007 | 0.13 | 3.8 | 0.01 | 2.1 |
| 26-Jul-11 | James Henderson | OV-0835 | 1218951 | 0.1 | 1.3 | 0.3 | 22 | 0.05 | 0.039 | 30 | 16 | 0.24 | 74 | 0.022 | <1 | 0.9 | 0.005 | 0.04 | 0.1 | 0.03 | 1.1 |
| 26-Jul-11 | James Henderson | OV-0836 | 1218952 | 0.2 | 0.9 | 0.3 | 32 | 0.07 | 0.046 | 21 | 22 | 0.35 | 120 | 0.019 | <1 | 1.25 | 0.005 | 0.04 | 0.3 | 0.05 | 1.8 |
| 26-Jul-11 | James Henderson | OV-0837 | 1218953 | 0.2 | 1 | 0.4 | 26 | 0.07 | 0.058 | 21 | 19 | 0.32 | 79 | 0.012 | <1 | 1.07 | 0.004 | 0.04 | 0.2 | 0.03 | 1.2 |
| 26-Jul-11 | James Henderson | OV-0838 | 1218954 | 0.2 | 2.4 | 0.4 | 29 | 0.14 | 0.065 | 22 | 22 | 0.36 | 120 | 0.014 | <1 | 1.19 | 0.006 | 0.05 | 0.2 | 0.07 | 1.8 |
| 26-Jul-11 | James Henderson | OV-0839 | 1218955 | 0.3 | 0.9 | 0.3 | 41 | 0.22 | 0.043 | 19 | 28 | 0.62 | 133 | 0.02 | <1 | 1.24 | 0.005 | 0.04 | 0.2 | 0.04 | 2.6 |
| 26-Jul-11 | James Henderson | OV-0840 | 1218956 | 0.3 | 1.5 | 0.3 | 31 | 0.1 | 0.043 | 17 | 19 | 0.35 | 153 | 0.02 | <1 | 1.1 | 0.005 | 0.03 | 0.3 | 0.02 | 1.9 |
| 26-Jul-11 | James Henderson | OV-0841 | 1218957 | 0.2 | 2.5 | 0.4 | 20 | 0.11 | 0.043 | 32 | 15 | 0.21 | 176 | 0.007 | <1 | 0.85 | 0.005 | 0.05 | 0.2 | 0.05 | 1.5 |
| 26-Jul-11 | James Henderson | OV-0842 | 1218958 | 0.3 | 1.1 | 0.3 | 43 | 0.15 | 0.052 | 25 | 35 | 0.76 | 164 | 0.012 | <1 | 1.68 | 0.005 | 0.04 | 0.2 | 0.03 | 2.8 |
| 26-Jul-11 | James Henderson | OV-0843 | 1218959 | 0.3 | 1.6 | 0.3 | 38 | 0.09 | 0.04 | 20 | 24 | 0.5 | 85 | 0.013 | <1 | 1.21 | 0.004 | 0.04 | 0.2 | <0.01 | 2.4 |
| 26-Jul-11 | James Henderson | OV-0844 | 1218960 | 0.2 | 0.9 | 0.4 | 27 | 0.11 | 0.052 | 15 | 17 | 0.31 | 120 | 0.012 | 1 | 0.99 | 0.005 | 0.03 | 0.2 | 0.07 | 1.3 |
| 26-Jul-11 | James Henderson | OV-0845 | 1218961 | 0.2 | 1.9 | 0.6 | 26 | 0.09 | 0.061 | 32 | 22 | 0.38 | 118 | 0.008 | 1 | 1.23 | 0.009 | 0.06 | 0.2 | 0.03 | 1.1 |
| 26-Jul-11 | James Henderson | OV-0846 | 1218962 | 0.4 | 4.4 | 0.4 | 58 | 0.2 | 0.056 | 26 | 38 | 0.76 | 163 | 0.01 | <1 | 1.79 | 0.009 | 0.08 | <0.1 | 0.08 | 6.3 |
| 26-Jul-11 | James Henderson | OV-0847 | 1218963 | 0.3 | 1.4 | 0.4 | 46 | 0.35 | 0.05 | 25 | 32 | 0.64 | 136 | 0.012 | 2 | 1.33 | 0.005 | 0.06 | 0.2 | 0.08 | 4.5 |
| 26-Jul-11 | James Henderson | OV-0848 | 1218964 | 0.3 | 2.4 | 0.4 | 53 | 0.08 | 0.041 | 15 | 33 | 0.59 | 96 | 0.008 | <1 | 1.52 | 0.004 | 0.04 | 0.2 | 0.01 | 3.9 |
| 26-Jul-11 | James Henderson | OV-0849 | 1218965 | 0.1 | 0.8 | 0.3 | 32 | 0.03 | 0.039 | 23 | 16 | 0.24 | 79 | 0.011 | 1 | 1.04 | 0.005 | 0.04 | 0.1 | 0.04 | 1.1 |
| 26-Jul-11 | James Henderson | OV-0850 | 1218966 | <0.1 | 0.5 | 0.2 | 29 | 0.04 | 0.046 | 15 | 13 | 0.17 | 45 | 0.013 | 2 | 0.75 | 0.004 | 0.03 | 0.2 | 0.05 | 0.8 |
| 26-Jul-11 | James Henderson | OV-0851 | 1218967 | <0.1 | 1.1 | 0.5 | 19 | 0.01 | 0.042 | 42 | 13 | 0.19 | 44 | 0.003 | <1 | 0.97 | 0.004 | 0.04 | <0.1 | 0.03 | 1.2 |
| 26-Jul-11 | James Henderson | OV-0852 | 1218968 | <0.1 | 0.6 | 0.2 | 31 | 0.08 | 0.032 | 12 | 16 | 0.27 | 73 | 0.02 | <1 | 1.04 | 0.005 | 0.03 | 0.2 | 0.03 | 1.2 |
| | | | 1218969 | | | | | | | | | | | | | | | | | | |
| | | | 1218970 | | | | | | | | | | | | | | | | | | |
| 26-Jul-11 | James Henderson | OV-0853 | 1218971 | 0.1 | 0.7 | 0.2 | 25 | 0.09 | 0.051 | 16 | 16 | 0.28 | 61 | 0.019 | <1 | 0.81 | 0.004 | 0.04 | 0.4 | 0.04 | 1.1 |
| 26-Jul-11 | James Henderson | OV-0854 | 1218972 | 0.1 | 0.6 | 0.2 | 25 | 0.09 | 0.052 | 15 | 15 | 0.28 | 64 | 0.019 | 1 | 0.8 | 0.004 | 0.04 | 0.4 | 0.04 | 1.2 |
| 23-Jul-11 | Andrew Blampin | OV-0693 | 1219123 | 0.2 | 0.6 | 0.2 | 31 | 0.07 | 0.051 | 14 | 17 | 0.31 | 86 | 0.015 | 1 | 1.08 | 0.004 | 0.03 | 0.2 | 0.02 | 1.3 |
| 23-Jul-11 | Andrew Blampin | OV-0694 | 1219124 | 0.3 | 0.7 | 0.1 | 28 | 0.08 | 0.048 | 19 | 18 | 0.34 | 107 | 0.016 | <1 | 1.12 | 0.004 | 0.03 | 0.2 | 0.05 | 1.4 |
| 23-Jul-11 | Andrew Blampin | OV-0695 | 1219125 | 0.3 | 0.6 | 0.2 | 30 | 0.08 | 0.05 | 22 | 18 | 0.33 | 116 | 0.018 | 2 | 1.1 | 0.004 | 0.03 | 0.3 | 0.03 | 1.3 |
| 23-Jul-11 | Andrew Blampin | OV-0696 | 1219126 | 0.2 | 0.6 | 0.2 | 26 | 0.07 | 0.051 | 24 | 17 | 0.32 | 87 | 0.018 | <1 | 1.11 | 0.003 | 0.03 | 0.2 | 0.05 | 1.3 |
| 23-Jul-11 | Andrew Blampin | OV-0697 | 1219127 | 0.3 | 0.8 | 0.1 | 25 | 0.12 | 0.066 | 19 | 16 | 0.29 | 80 | 0.023 | 1 | 0.79 | 0.003 | 0.04 | 0.3 | 0.02 | 1.4 |
| 23-Jul-11 | Andrew Blampin | OV-0698 | 1219128 | 0.1 | 0.6 | 0.2 | 25 | 0.07 | 0.047 | 21 | 16 | 0.33 | 72 | 0.016 | 1 | 1.05 | 0.003 | 0.03 | 0.2 | 0.04 | 0.9 |
| 23-Jul-11 | Andrew Blampin | OV-0699 | 1219129 | <0.1 | 0.6 | 0.2 | 25 | 0.07 | 0.046 | 20 | 17 | 0.32 | 149 | 0.014 | <1 | 1.06 | 0.003 | 0.03 | 0.2 | 0.03 | 1 |
| 23-Jul-11 | Andrew Blampin | OV-0700 | 1219130 | 0.1 | 0.6 | 0.2 | 29 | 0.06 | 0.055 | 17 | 17 | 0.29 | 67 | 0.013 | <1 | 1.07 | 0.003 | 0.03 | 0.3 | 0.03 | 0.9 |
| 23-Jul-11 | Andrew Blampin | OV-0701 | 1219131 | 0.1 | 0.7 | 0.2 | 36 | 0.06 | 0.051 | 13 | 19 | 0.3 | 84 | 0.016 | 1 | 1.12 | 0.003 | 0.04 | 0.2 | 0.02 | 1 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|-------------------------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 23-Jul-11 | Andrew Blampin | OV-0702 | 1219132 | 0.1 | 0.6 | 0.2 | 31 | 0.05 | 0.045 | 20 | 20 | 0.31 | 120 | 0.016 | <1 | 1.15 | 0.003 | 0.06 | 0.2 | 0.04 | 1.3 |
| 23-Jul-11 | Andrew Blampin | OV-0703 | 1219133 | 0.2 | 0.7 | 0.1 | 26 | 0.09 | 0.057 | 17 | 15 | 0.31 | 88 | 0.019 | 1 | 0.94 | 0.004 | 0.03 | 0.2 | 0.03 | 1.9 |
| 23-Jul-11 | Andrew Blampin | OV-0704 | 1219134 | <0.1 | 0.6 | 0.2 | 30 | 0.05 | 0.039 | 13 | 14 | 0.22 | 77 | 0.019 | <1 | 0.87 | 0.003 | 0.03 | 0.3 | 0.02 | 0.7 |
| 23-Jul-11 | Andrew Blampin | OV-0705 | 1219135 | 0.2 | 0.7 | 0.2 | 29 | 0.07 | 0.056 | 17 | 17 | 0.28 | 96 | 0.016 | 1 | 1.21 | 0.003 | 0.04 | 0.3 | 0.02 | 1.2 |
| 23-Jul-11 | Andrew Blampin | OV-0706 | 1219136 | 0.1 | 0.6 | 0.2 | 30 | 0.07 | 0.05 | 15 | 15 | 0.23 | 61 | 0.018 | 1 | 0.87 | 0.003 | 0.04 | 0.4 | 0.01 | 0.8 |
| 23-Jul-11 | Andrew Blampin | OV-0707 | 1219137 | 0.2 | 0.7 | 0.2 | 36 | 0.08 | 0.06 | 14 | 21 | 0.33 | 95 | 0.022 | 1 | 1.38 | 0.004 | 0.04 | 0.3 | 0.04 | 1.4 |
| 23-Jul-11 | Andrew Blampin | OV-0708 | 1219138 | 0.1 | 0.6 | 0.2 | 29 | 0.05 | 0.047 | 12 | 16 | 0.23 | 69 | 0.013 | <1 | 0.98 | 0.003 | 0.03 | 0.3 | 0.02 | 0.9 |
| 23-Jul-11 | Andrew Blampin | OV-0709 | 1219139 | 0.1 | 0.6 | 0.2 | 24 | 0.05 | 0.04 | 17 | 14 | 0.22 | 80 | 0.011 | <1 | 0.88 | 0.003 | 0.04 | 0.2 | 0.04 | 0.8 |
| 23-Jul-11 | Andrew Blampin | OV-0710 | 1219140 | 0.1 | 0.6 | 0.2 | 22 | 0.04 | 0.029 | 29 | 14 | 0.21 | 138 | 0.012 | 1 | 0.97 | 0.003 | 0.06 | 0.2 | 0.05 | 1.9 |
| 23-Jul-11 | Andrew Blampin | OV-0711 | 1219141 | <0.1 | 0.4 | 0.2 | 24 | 0.04 | 0.041 | 17 | 15 | 0.2 | 81 | 0.009 | <1 | 0.99 | 0.003 | 0.04 | 0.2 | 0.02 | 0.6 |
| 23-Jul-11 | Andrew Blampin | OV-0712 | 1219142 | 0.2 | 0.6 | 0.1 | 26 | 0.05 | 0.044 | 16 | 14 | 0.2 | 62 | 0.013 | <1 | 0.83 | 0.003 | 0.04 | 0.3 | 0.02 | 0.8 |
| 23-Jul-11 | Andrew Blampin | OV-0713 | 1219143 | 0.2 | 0.7 | 0.2 | 30 | 0.08 | 0.046 | 24 | 18 | 0.31 | 282 | 0.021 | 3 | 1.17 | 0.005 | 0.07 | 0.3 | 0.04 | 2.2 |
| 23-Jul-11 | Andrew Blampin | OV-0714 | 1219144 | <0.1 | 0.5 | 0.1 | 24 | 0.06 | 0.038 | 22 | 16 | 0.29 | 128 | 0.014 | <1 | 1.01 | 0.003 | 0.03 | 0.2 | 0.03 | 1.5 |
| 23-Jul-11 | Andrew Blampin | OV-0715 | 1219145 | 0.2 | 0.6 | 0.1 | 25 | 0.08 | 0.056 | 21 | 15 | 0.28 | 119 | 0.019 | <1 | 0.96 | 0.003 | 0.04 | 0.2 | 0.04 | 2.2 |
| 23-Jul-11 | Andrew Blampin | OV-0716 | 1219146 | 0.1 | 0.5 | 0.1 | 25 | 0.06 | 0.043 | 17 | 16 | 0.24 | 81 | 0.012 | <1 | 0.86 | 0.003 | 0.03 | 0.2 | 0.02 | 1 |
| 23-Jul-11 | Andrew Blampin | OV-0717 | 1219147 | <0.1 | 0.4 | 0.2 | 24 | 0.05 | 0.042 | 14 | 16 | 0.25 | 89 | 0.011 | 1 | 0.95 | 0.003 | 0.03 | 0.3 | 0.03 | 0.8 |
| 23-Jul-11 | Andrew Blampin | OV-0718 | 1219148 | <0.1 | 0.5 | 0.2 | 26 | 0.04 | 0.048 | 17 | 18 | 0.27 | 180 | 0.01 | 1 | 1.1 | 0.003 | 0.03 | 0.3 | 0.03 | 1.2 |
| 23-Jul-11 | Andrew Blampin | OV-0719 | 1219149 | <0.1 | 0.5 | 0.2 | 24 | 0.04 | 0.039 | 15 | 16 | 0.26 | 160 | 0.008 | <1 | 0.99 | 0.003 | 0.03 | 0.3 | 0.02 | 1.2 |
| 23-Jul-11 | Andrew Blampin | OV-0720 | 1219150 | 0.2 | 0.6 | 0.2 | 23 | 0.07 | 0.048 | 14 | 17 | 0.28 | 112 | 0.012 | 2 | 0.98 | 0.003 | 0.04 | 0.3 | 0.05 | 1.2 |
| 23-Jul-11 | Andrew Blampin | OV-0721 | 1219151 | <0.1 | 0.3 | 0.1 | 18 | 0.02 | 0.036 | 12 | 9 | 0.11 | 47 | 0.006 | <1 | 0.47 | 0.002 | 0.03 | 0.2 | 0.02 | 0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0722 | 1219152 | 0.1 | 0.5 | 0.1 | 19 | 0.04 | 0.035 | 27 | 15 | 0.28 | 203 | 0.017 | <1 | 0.9 | 0.003 | 0.04 | 0.2 | 0.03 | 1.6 |
| 23-Jul-11 | Andrew Blampin | OV-0723 | 1219153 | 0.1 | 0.6 | 0.2 | 35 | 0.05 | 0.068 | 12 | 17 | 0.26 | 70 | 0.019 | <1 | 1.13 | 0.004 | 0.03 | 0.2 | 0.03 | 1.3 |
| 23-Jul-11 | Andrew Blampin | OV-0724 | 1219154 | <0.1 | 0.4 | 0.1 | 25 | 0.06 | 0.052 | 15 | 16 | 0.3 | 78 | 0.015 | <1 | 1.06 | 0.004 | 0.04 | 0.2 | 0.04 | 1.4 |
| 23-Jul-11 | Andrew Blampin | OV-0725 | 1219155 | 0.2 | 0.8 | 0.2 | 20 | 0.07 | 0.055 | 14 | 14 | 0.3 | 103 | 0.013 | <1 | 0.95 | 0.005 | 0.04 | 0.2 | 0.02 | 1.4 |
| 23-Jul-11 | Andrew Blampin | OV-0726 | 1219156 | <0.1 | 0.6 | 0.1 | 25 | 0.06 | 0.048 | 13 | 15 | 0.29 | 69 | 0.021 | <1 | 1 | 0.003 | 0.03 | 0.2 | 0.03 | 1.7 |
| 23-Jul-11 | Andrew Blampin | OV-0727 | 1219157 | <0.1 | 0.7 | 0.2 | 30 | 0.05 | 0.038 | 12 | 17 | 0.32 | 96 | 0.017 | <1 | 1.07 | 0.003 | 0.04 | 0.2 | 0.05 | 1.9 |
| 23-Jul-11 | Andrew Blampin | OV-0728 | 1219158 | <0.1 | 0.7 | 0.2 | 32 | 0.03 | 0.049 | 9 | 16 | 0.22 | 46 | 0.022 | <1 | 0.82 | 0.003 | 0.03 | 0.2 | 0.04 | 1.3 |
| 23-Jul-11 | Andrew Blampin | OV-0729 | 1219159 | 0.1 | 0.7 | 0.2 | 32 | 0.07 | 0.058 | 10 | 15 | 0.25 | 49 | 0.023 | 1 | 0.77 | 0.003 | 0.03 | 0.2 | 0.03 | 1.2 |
| 23-Jul-11 | Andrew Blampin | OV-0730 | 1219160 | <0.1 | 0.6 | 0.2 | 25 | 0.05 | 0.036 | 19 | 15 | 0.28 | 114 | 0.017 | <1 | 0.88 | 0.003 | 0.03 | 0.2 | 0.02 | 1.7 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0069 | 1219161 | <0.1 | 1 | 0.2 | 23 | 0.03 | 0.034 | 31 | 14 | 0.17 | 128 | 0.006 | <1 | 0.92 | 0.006 | 0.08 | 0.1 | 0.02 | 1.4 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0070 | 1219162 | <0.1 | 0.8 | 0.2 | 38 | 0.05 | 0.017 | 13 | 23 | 0.38 | 161 | 0.036 | 1 | 1.35 | 0.016 | 0.04 | 0.2 | 0.01 | 2.6 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0071 | 1219163 | <0.1 | 0.8 | 0.1 | 28 | 0.09 | 0.023 | 15 | 17 | 0.33 | 217 | 0.018 | <1 | 1 | 0.007 | 0.04 | 0.1 | 0.04 | 2.7 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0072 | 1219164 | <0.1 | 0.9 | 0.2 | 25 | 0.04 | 0.031 | 11 | 15 | 0.28 | 88 | 0.016 | <1 | 0.83 | 0.004 | 0.04 | 0.2 | 0.01 | 1.3 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0073 | 1219165 | <0.1 | 0.7 | 0.2 | 20 | 0.06 | 0.028 | 16 | 12 | 0.24 | 134 | 0.007 | 1 | 0.8 | 0.003 | 0.05 | 0.1 | 0.03 | 1.3 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0074 | 1219166 | <0.1 | 0.6 | 0.1 | 25 | 0.1 | 0.03 | 10 | 14 | 0.27 | 166 | 0.017 | <1 | 0.87 | 0.005 | 0.03 | 0.1 | <0.01 | 1.5 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|-------------------------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0075 | 1219167 | <0.1 | 0.8 | 0.1 | 28 | 0.03 | 0.024 | 11 | 14 | 0.23 | 102 | 0.017 | <1 | 0.8 | 0.004 | 0.04 | 0.2 | <0.01 | 1.3 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0076 | 1219168 | 0.2 | 0.5 | 0.2 | 37 | 0.07 | 0.042 | 15 | 13 | 0.14 | 123 | 0.025 | 1 | 0.66 | 0.005 | 0.04 | 0.1 | <0.01 | 0.9 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0077 | 1219169 | <0.1 | 0.5 | 0.1 | 37 | 0.13 | 0.02 | 10 | 18 | 0.31 | 297 | 0.028 | 1 | 1.07 | 0.006 | 0.05 | 0.1 | <0.01 | 1.9 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0078 | 1219170 | 0.2 | 1 | 0.1 | 50 | 0.15 | 0.046 | 13 | 32 | 0.38 | 223 | 0.043 | 2 | 1.1 | 0.009 | 0.15 | 0.1 | 0.05 | 4.2 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0079 | 1219171 | <0.1 | 0.8 | 0.1 | 28 | 0.14 | 0.029 | 11 | 18 | 0.27 | 145 | 0.018 | 2 | 0.8 | 0.004 | 0.06 | 0.1 | 0.02 | 2.6 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0080 | 1219172 | 0.1 | 4.4 | 0.2 | 12 | 2.11 | 0.04 | 26 | 11 | 0.45 | 225 | 0.002 | 6 | 0.52 | 0.008 | 0.11 | <0.1 | 0.23 | 3.5 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0081 | 1219173 | <0.1 | 0.7 | 0.1 | 22 | 0.1 | 0.024 | 9 | 11 | 0.2 | 117 | 0.017 | 1 | 0.65 | 0.004 | 0.05 | 0.2 | <0.01 | 1 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0082 | 1219174 | <0.1 | 0.7 | 0.1 | 21 | 0.09 | 0.041 | 9 | 10 | 0.21 | 88 | 0.015 | <1 | 0.56 | 0.003 | 0.04 | 0.1 | <0.01 | 1 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0083 | 1219175 | <0.1 | 0.8 | 0.3 | 10 | 0.22 | 0.032 | 38 | 10 | 0.2 | 83 | 0.005 | 1 | 0.48 | 0.005 | 0.06 | <0.1 | 0.09 | 1.5 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0084 | 1219176 | <0.1 | 0.9 | 0.2 | 14 | 0.37 | 0.039 | 23 | 12 | 0.35 | 104 | 0.01 | 2 | 0.71 | 0.006 | 0.07 | 0.1 | 0.07 | 1.6 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0085 | 1219177 | 0.1 | 0.7 | 0.2 | 11 | 0.58 | 0.048 | 22 | 10 | 0.38 | 96 | 0.007 | 2 | 0.52 | 0.005 | 0.05 | 0.2 | 0.06 | 1.2 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0086 | 1219178 | <0.1 | 0.5 | 0.2 | 23 | 0.29 | 0.029 | 14 | 14 | 0.28 | 188 | 0.013 | 1 | 0.83 | 0.005 | 0.05 | 0.2 | 0.02 | 1.4 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0087 | 1219179 | <0.1 | 0.5 | 0.1 | 20 | 0.1 | 0.024 | 10 | 10 | 0.22 | 91 | 0.017 | <1 | 0.62 | 0.005 | 0.04 | 0.1 | <0.01 | 1.1 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0088 | 1219180 | <0.1 | 0.5 | 0.2 | 28 | 0.07 | 0.039 | 14 | 15 | 0.27 | 156 | 0.018 | <1 | 0.88 | 0.005 | 0.05 | 0.1 | 0.03 | 1.6 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0089 | 1219181 | 0.2 | 0.5 | 0.2 | 30 | 0.07 | 0.038 | 12 | 15 | 0.26 | 196 | 0.02 | 2 | 0.9 | 0.005 | 0.04 | 0.1 | 0.01 | 1.6 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0731 | 1219182 | <0.1 | 0.5 | 0.2 | 22 | 0.04 | 0.035 | 17 | 13 | 0.25 | 64 | 0.016 | <1 | 0.78 | 0.004 | 0.04 | 0.1 | 0.02 | 1.3 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0732 | 1219183 | 0.1 | 0.7 | 0.2 | 38 | 0.05 | 0.061 | 11 | 20 | 0.32 | 68 | 0.025 | <1 | 1.16 | 0.005 | 0.04 | 0.2 | 0.03 | 1.6 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0733 | 1219184 | <0.1 | 0.5 | 0.2 | 33 | 0.06 | 0.043 | 12 | 20 | 0.28 | 83 | 0.021 | 1 | 1.18 | 0.005 | 0.04 | 0.1 | 0.03 | 2.1 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0734 | 1219185 | 0.1 | 0.7 | 0.2 | 30 | 0.06 | 0.044 | 12 | 17 | 0.29 | 68 | 0.022 | 1 | 0.96 | 0.006 | 0.04 | 0.2 | 0.02 | 1.5 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0735 | 1219186 | <0.1 | 0.6 | 0.2 | 32 | 0.05 | 0.059 | 14 | 18 | 0.26 | 60 | 0.02 | <1 | 0.98 | 0.004 | 0.03 | 0.1 | 0.02 | 1.6 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0736 | 1219187 | <0.1 | 0.7 | 0.2 | 26 | 0.06 | 0.045 | 18 | 15 | 0.32 | 143 | 0.02 | <1 | 0.97 | 0.005 | 0.04 | 0.2 | 0.04 | 2.7 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0737 | 1219188 | 0.1 | 0.7 | 0.2 | 23 | 0.08 | 0.053 | 15 | 15 | 0.31 | 92 | 0.019 | <1 | 0.86 | 0.005 | 0.04 | 0.1 | 0.04 | 2.3 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0738 | 1219189 | <0.1 | 0.4 | 0.2 | 31 | 0.06 | 0.068 | 14 | 17 | 0.21 | 82 | 0.018 | <1 | 1.04 | 0.003 | 0.03 | 0.2 | 0.04 | 1.4 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0739 | 1219190 | <0.1 | 0.6 | 0.1 | 26 | 0.09 | 0.036 | 22 | 18 | 0.29 | 250 | 0.019 | <1 | 0.91 | 0.005 | 0.04 | 0.2 | 0.05 | 1.8 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0740 | 1219191 | 0.1 | 0.7 | 0.2 | 33 | 0.09 | 0.063 | 14 | 21 | 0.32 | 77 | 0.026 | <1 | 1.06 | 0.004 | 0.04 | 0.2 | 0.05 | 1.8 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0741 | 1219192 | 0.2 | 0.7 | 0.1 | 26 | 0.1 | 0.046 | 16 | 16 | 0.29 | 136 | 0.021 | <1 | 0.86 | 0.003 | 0.04 | 0.2 | 0.02 | 1.8 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0742 | 1219193 | 0.2 | 0.7 | 0.2 | 33 | 0.09 | 0.052 | 15 | 21 | 0.34 | 114 | 0.021 | <1 | 1.16 | 0.004 | 0.05 | 0.2 | 0.07 | 2.3 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0743 | 1219194 | 0.2 | 0.7 | 0.1 | 29 | 0.1 | 0.062 | 20 | 19 | 0.33 | 86 | 0.023 | <1 | 0.97 | 0.003 | 0.05 | 0.2 | 0.03 | 2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0744 | 1219195 | 0.1 | 0.6 | 0.2 | 34 | 0.09 | 0.047 | 17 | 19 | 0.28 | 187 | 0.023 | <1 | 1 | 0.004 | 0.04 | 0.2 | 0.04 | 1.8 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0745 | 1219196 | 0.2 | 0.7 | 0.2 | 38 | 0.07 | 0.056 | 19 | 24 | 0.36 | 131 | 0.024 | <1 | 1.37 | 0.005 | 0.04 | 0.2 | 0.07 | 3 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0746 | 1219197 | 0.2 | 0.7 | 0.2 | 33 | 0.08 | 0.052 | 18 | 21 | 0.33 | 133 | 0.024 | <1 | 1.23 | 0.004 | 0.05 | 0.2 | 0.04 | 2.1 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0747 | 1219198 | 0.1 | 0.8 | 0.2 | 37 | 0.08 | 0.041 | 27 | 24 | 0.33 | 153 | 0.027 | <1 | 1.1 | 0.004 | 0.04 | 0.2 | 0.06 | 2.5 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0748 | 1219199 | 0.1 | 0.7 | 0.2 | 36 | 0.1 | 0.034 | 22 | 23 | 0.35 | 208 | 0.031 | <1 | 1.05 | 0.005 | 0.04 | 0.2 | 0.05 | 2.1 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0749 | 1219200 | 0.1 | 0.7 | 0.2 | 37 | 0.08 | 0.034 | 19 | 22 | 0.32 | 146 | 0.025 | <1 | 1.14 | 0.004 | 0.04 | 0.2 | 0.04 | 1.9 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0750 | 1219201 | <0.1 | 1.4 | 0.2 | 24 | 0.05 | 0.041 | 25 | 17 | 0.22 | 71 | 0.009 | <1 | 0.93 | 0.004 | 0.05 | 0.1 | 0.05 | 1.6 |

| Date | Soil Sampler | Station | Lab Tag Number | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
|-----------|----------------------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0751 | 1219202 | <0.1 | 4.7 | 0.2 | 32 | 0.12 | 0.046 | 22 | 19 | 0.29 | 173 | 0.007 | 3 | 1.05 | 0.007 | 0.05 | 0.1 | 0.07 | 1.9 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0752 | 1219203 | 0.2 | 7 | 0.2 | 35 | 0.09 | 0.057 | 18 | 22 | 0.44 | 159 | 0.024 | 1 | 1.47 | 0.005 | 0.06 | 0.2 | 0.06 | 4.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0753 | 1219204 | 0.2 | 3.1 | 0.2 | 47 | 0.07 | 0.07 | 17 | 27 | 0.4 | 197 | 0.023 | <1 | 1.48 | 0.006 | 0.05 | 0.2 | 0.06 | 3.6 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0754 | 1219205 | <0.1 | 0.9 | 0.1 | 30 | 0.09 | 0.035 | 17 | 20 | 0.38 | 151 | 0.024 | <1 | 1.08 | 0.005 | 0.05 | 0.1 | 0.03 | 2.3 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0755 | 1219206 | 0.1 | 0.6 | 0.2 | 32 | 0.06 | 0.045 | 17 | 20 | 0.33 | 97 | 0.017 | 1 | 1.26 | 0.005 | 0.05 | 0.2 | 0.03 | 1.7 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0756 | 1219207 | <0.1 | 0.8 | 0.1 | 20 | 0.04 | 0.015 | 31 | 14 | 0.32 | 152 | 0.022 | <1 | 0.98 | 0.004 | 0.11 | <0.1 | 0.04 | 1.6 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0757 | 1219208 | 0.1 | 0.8 | 0.2 | 35 | 0.06 | 0.044 | 20 | 22 | 0.38 | 200 | 0.022 | 2 | 1.44 | 0.007 | 0.08 | 0.2 | 0.06 | 3.3 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0758 | 1219209 | 0.1 | 0.7 | 0.2 | 25 | 0.06 | 0.047 | 18 | 17 | 0.37 | 81 | 0.017 | 1 | 1.17 | 0.005 | 0.04 | 0.1 | 0.04 | 1.7 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0759 | 1219210 | 0.1 | 0.9 | 0.2 | 21 | 0.07 | 0.035 | 29 | 13 | 0.33 | 116 | 0.019 | <1 | 0.85 | 0.006 | 0.04 | 0.1 | 0.03 | 2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0825 | 1219211 | 0.1 | 0.7 | 0.2 | 30 | 0.11 | 0.043 | 21 | 19 | 0.38 | 201 | 0.023 | <1 | 1.1 | 0.008 | 0.05 | 0.2 | 0.05 | 2.4 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0826 | 1219212 | 0.1 | 0.6 | 0.2 | 26 | 0.1 | 0.038 | 19 | 16 | 0.32 | 125 | 0.02 | <1 | 0.94 | 0.006 | 0.04 | 0.1 | 0.02 | 1.6 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0827 | 1219213 | 0.1 | 0.7 | 0.2 | 30 | 0.08 | 0.035 | 23 | 18 | 0.36 | 133 | 0.028 | <1 | 1.09 | 0.006 | 0.04 | 0.1 | 0.03 | 2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0828 | 1219214 | 0.2 | 0.8 | 0.2 | 31 | 0.13 | 0.056 | 21 | 18 | 0.39 | 116 | 0.029 | <1 | 1.09 | 0.005 | 0.04 | 0.2 | 0.04 | 1.9 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0829 | 1219215 | 0.1 | 0.8 | 0.3 | 24 | 0.04 | 0.028 | 38 | 15 | 0.23 | 101 | 0.016 | <1 | 0.97 | 0.005 | 0.04 | <0.1 | 0.08 | 1.7 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0830 | 1219216 | 0.1 | 0.6 | 0.2 | 29 | 0.09 | 0.043 | 31 | 20 | 0.47 | 191 | 0.024 | 2 | 1.36 | 0.01 | 0.06 | 0.2 | 0.06 | 2.9 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0831 | 1219217 | 0.3 | 0.7 | 0.2 | 30 | 0.1 | 0.042 | 30 | 19 | 0.4 | 175 | 0.024 | 1 | 1.22 | 0.009 | 0.06 | 0.2 | 0.07 | 2.3 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0832 | 1219218 | 0.1 | 0.8 | 0.2 | 29 | 0.07 | 0.039 | 20 | 16 | 0.29 | 120 | 0.02 | 1 | 0.99 | 0.006 | 0.05 | 0.2 | 0.07 | 1.8 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0833 | 1219219 | 0.1 | 2.2 | 0.3 | 25 | 0.06 | 0.045 | 29 | 15 | 0.27 | 66 | 0.013 | <1 | 0.97 | 0.004 | 0.05 | 0.2 | 0.05 | 1.4 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0834 | 1219220 | 0.1 | 2.1 | 0.2 | 24 | 0.06 | 0.056 | 20 | 15 | 0.21 | 80 | 0.008 | 1 | 0.91 | 0.004 | 0.06 | 0.1 | 0.06 | 0.8 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0835 | 1219221 | <0.1 | 0.8 | 0.2 | 23 | 0.05 | 0.039 | 26 | 14 | 0.23 | 72 | 0.011 | <1 | 0.87 | 0.004 | 0.05 | 0.2 | 0.06 | 1.2 |
| 26-Jul-11 | Andrew Blampin | OV-0935 | 1219222 | 0.1 | 0.5 | 0.3 | 24 | 0.04 | 0.018 | 29 | 13 | 0.24 | 104 | 0.014 | <1 | 0.8 | 0.006 | 0.04 | 0.1 | 0.03 | 1.4 |
| 26-Jul-11 | Andrew Blampin | OV-0936 | 1219223 | <0.1 | 0.5 | 0.3 | 15 | 0.02 | 0.021 | 46 | 11 | 0.19 | 91 | 0.004 | <1 | 0.79 | 0.006 | 0.05 | <0.1 | 0.12 | 2.1 |
| 26-Jul-11 | Andrew Blampin | OV-0937 | 1219224 | <0.1 | 0.6 | 1 | 20 | 0.05 | 0.051 | 70 | 22 | 0.74 | 221 | 0.005 | <1 | 1.55 | 0.012 | 0.06 | <0.1 | 0.02 | 2.5 |
| 26-Jul-11 | Andrew Blampin | OV-0938 | 1219225 | <0.1 | 0.6 | 0.2 | 31 | 0.04 | 0.015 | 17 | 16 | 0.26 | 99 | 0.019 | <1 | 1.2 | 0.006 | 0.04 | 0.1 | 0.02 | 1.6 |
| 26-Jul-11 | Andrew Blampin | OV-0939 | 1219226 | 0.1 | 0.3 | 0.2 | 29 | 0.06 | 0.025 | 35 | 12 | 0.1 | 316 | 0.007 | <1 | 1.11 | 0.005 | 0.04 | <0.1 | 0.02 | 1.8 |
| 26-Jul-11 | Andrew Blampin | OV-0940 | 1219227 | <0.1 | 0.6 | 0.6 | 35 | 0.04 | 0.028 | 42 | 14 | 0.15 | 138 | 0.013 | <1 | 1.02 | 0.005 | 0.05 | 0.2 | 0.04 | 1.6 |
| 26-Jul-11 | Andrew Blampin | OV-0941 | 1219228 | <0.1 | 0.5 | 0.2 | 30 | 0.05 | 0.022 | 19 | 12 | 0.18 | 95 | 0.019 | <1 | 0.75 | 0.004 | 0.04 | 0.2 | 0.02 | 1.3 |
| 26-Jul-11 | Andrew Blampin | OV-0942 | 1219229 | <0.1 | 0.5 | 0.5 | 14 | 0.05 | 0.029 | 55 | 17 | 0.63 | 94 | 0.006 | <1 | 1.28 | 0.007 | 0.07 | <0.1 | 0.04 | 2 |
| 26-Jul-11 | Andrew Blampin | OV-0943 | 1219230 | <0.1 | 0.3 | 0.3 | 20 | 0.04 | 0.022 | 40 | 13 | 0.26 | 127 | 0.009 | <1 | 0.93 | 0.006 | 0.05 | <0.1 | 0.04 | 1.6 |
| 26-Jul-11 | Andrew Blampin | OV-0944 | 1219231 | <0.1 | 0.4 | 0.3 | 15 | 0.03 | 0.025 | 43 | 12 | 0.31 | 89 | 0.006 | <1 | 0.91 | 0.005 | 0.05 | 0.1 | 0.01 | 1.1 |
| 26-Jul-11 | Andrew Blampin | OV-0945 | 1219232 | <0.1 | 0.5 | 0.3 | 21 | 0.04 | 0.021 | 35 | 15 | 0.33 | 108 | 0.01 | <1 | 1.04 | 0.006 | 0.05 | <0.1 | 0.02 | 1.7 |
| 26-Jul-11 | Andrew Blampin | OV-0946 | 1219233 | <0.1 | 0.6 | 0.3 | 17 | 0.02 | 0.033 | 35 | 13 | 0.26 | 77 | 0.008 | <1 | 0.73 | 0.004 | 0.04 | <0.1 | 0.02 | 1.5 |
| 26-Jul-11 | Andrew Blampin | OV-0947 | 1219234 | <0.1 | 0.9 | 0.3 | 30 | 0.05 | 0.018 | 24 | 19 | 0.36 | 239 | 0.008 | <1 | 1.29 | 0.006 | 0.05 | 0.2 | 0.03 | 2.3 |
| 26-Jul-11 | Andrew Blampin | OV-0948 | 1219235 | <0.1 | 0.5 | 0.3 | 13 | 0.04 | 0.016 | 44 | 10 | 0.13 | 132 | 0.003 | <1 | 0.65 | 0.008 | 0.05 | <0.1 | 0.07 | 2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|----------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 26-Jul-11 | Andrew Blampin | OV-0949 | 1219236 | <0.1 | 0.6 | 0.3 | 20 | 0.04 | 0.019 | 33 | 14 | 0.24 | 145 | 0.008 | <1 | 0.84 | 0.006 | 0.05 | 0.1 | 0.04 | 1.9 |
| 26-Jul-11 | Andrew Blampin | OV-0950 | 1219237 | 0.1 | 0.7 | 0.2 | 26 | 0.09 | 0.031 | 25 | 16 | 0.3 | 244 | 0.013 | <1 | 0.94 | 0.007 | 0.06 | 0.1 | 0.01 | 1.6 |
| 26-Jul-11 | Andrew Blampin | OV-0951 | 1219238 | <0.1 | 0.6 | 0.2 | 24 | 0.07 | 0.024 | 26 | 16 | 0.32 | 147 | 0.011 | <1 | 0.97 | 0.005 | 0.06 | 0.1 | 0.02 | 1.6 |
| 26-Jul-11 | Andrew Blampin | OV-0952 | 1219239 | <0.1 | 0.6 | 0.2 | 26 | 0.08 | 0.026 | 20 | 16 | 0.34 | 190 | 0.017 | <1 | 0.98 | 0.005 | 0.06 | 0.1 | 0.02 | 1.5 |
| 26-Jul-11 | Andrew Blampin | OV-0953 | 1219240 | <0.1 | 0.7 | 0.2 | 25 | 0.07 | 0.024 | 23 | 17 | 0.33 | 168 | 0.015 | <1 | 0.93 | 0.006 | 0.05 | 0.2 | 0.02 | 1.7 |
| 26-Jul-11 | Andrew Blampin | OV-0954 | 1219241 | <0.1 | 0.7 | 0.2 | 24 | 0.06 | 0.032 | 26 | 15 | 0.3 | 156 | 0.01 | <1 | 0.92 | 0.005 | 0.05 | 0.2 | 0.01 | 1.5 |
| 26-Jul-11 | Andrew Blampin | OV-0955 | 1219242 | <0.1 | 0.4 | 0.6 | 49 | 0.22 | 0.128 | 62 | 15 | 0.7 | 93 | 0.004 | <1 | 1.21 | 0.007 | 0.05 | <0.1 | 0.02 | 4.9 |
| 26-Jul-11 | Andrew Blampin | OV-0956 | 1219243 | <0.1 | 0.5 | 0.4 | 14 | 0.16 | 0.039 | 47 | 12 | 0.24 | 97 | 0.004 | <1 | 0.68 | 0.007 | 0.06 | <0.1 | 0.06 | 2.2 |
| 26-Jul-11 | Andrew Blampin | OV-0957 | 1219244 | <0.1 | 0.5 | 0.3 | 33 | 0.92 | 0.068 | 38 | 12 | 0.39 | 93 | 0.001 | <1 | 0.85 | 0.007 | 0.1 | <0.1 | 0.06 | 3.3 |
| 26-Jul-11 | Andrew Blampin | OV-0958 | 1219245 | <0.1 | 0.7 | 0.3 | 23 | 0.22 | 0.024 | 30 | 16 | 0.32 | 301 | 0.013 | <1 | 1 | 0.007 | 0.06 | 0.1 | 0.04 | 2.4 |
| 26-Jul-11 | Andrew Blampin | OV-0959 | 1219246 | <0.1 | 0.7 | 0.3 | 22 | 0.17 | 0.027 | 32 | 17 | 0.37 | 216 | 0.012 | <1 | 0.98 | 0.008 | 0.05 | 0.1 | 0.04 | 2.5 |
| 23-Jul-11 | Alec McAlister | OV-0597 | 1219351 | 0.1 | 0.7 | 0.2 | 22 | 0.04 | 0.056 | 28 | 14 | 0.32 | 64 | 0.009 | <1 | 1.05 | 0.003 | 0.04 | 0.1 | 0.02 | 0.6 |
| 23-Jul-11 | Alec McAlister | OV-0599 | 1219352 | 0.2 | 0.7 | 0.2 | 23 | 0.04 | 0.052 | 28 | 16 | 0.36 | 72 | 0.012 | <1 | 1.12 | 0.003 | 0.03 | 0.2 | 0.03 | 1.1 |
| 23-Jul-11 | Alec McAlister | OV-0601 | 1219353 | 0.2 | 0.8 | 0.2 | 31 | 0.07 | 0.063 | 16 | 19 | 0.3 | 98 | 0.013 | <1 | 1.11 | 0.004 | 0.04 | 0.2 | 0.05 | 1.2 |
| 23-Jul-11 | Alec McAlister | OV-0603 | 1219354 | 0.2 | 0.7 | 0.2 | 27 | 0.08 | 0.051 | 14 | 15 | 0.29 | 68 | 0.017 | <1 | 0.92 | 0.004 | 0.03 | 0.2 | 0.03 | 1.2 |
| 23-Jul-11 | Alec McAlister | OV-0605 | 1219355 | 0.1 | 0.8 | 0.1 | 27 | 0.08 | 0.059 | 12 | 15 | 0.31 | 87 | 0.026 | <1 | 0.91 | 0.003 | 0.03 | 0.3 | 0.04 | 1.8 |
| 23-Jul-11 | Alec McAlister | OV-0607 | 1219356 | 0.2 | 0.8 | 0.2 | 33 | 0.06 | 0.052 | 17 | 19 | 0.31 | 106 | 0.019 | <1 | 1.15 | 0.004 | 0.04 | 0.3 | 0.04 | 1.5 |
| 23-Jul-11 | Alec McAlister | OV-0609 | 1219357 | 0.1 | 0.5 | 0.1 | 27 | 0.07 | 0.074 | 12 | 14 | 0.17 | 139 | 0.007 | <1 | 0.72 | 0.004 | 0.03 | 0.4 | 0.08 | 0.6 |
| 23-Jul-11 | Alec McAlister | OV-0611 | 1219358 | 0.2 | 0.7 | 0.1 | 32 | 0.13 | 0.067 | 16 | 18 | 0.33 | 99 | 0.021 | <1 | 1 | 0.004 | 0.04 | 0.3 | 0.04 | 1.8 |
| 23-Jul-11 | Alec McAlister | OV-0613 | 1219359 | 0.1 | 0.6 | 0.1 | 27 | 0.07 | 0.047 | 10 | 14 | 0.24 | 56 | 0.013 | <1 | 0.87 | 0.003 | 0.03 | 0.3 | 0.04 | 0.9 |
| 23-Jul-11 | Alec McAlister | OV-0615 | 1219360 | 0.2 | 0.6 | 0.2 | 41 | 0.07 | 0.066 | 16 | 21 | 0.31 | 161 | 0.014 | 1 | 1.32 | 0.004 | 0.03 | 0.2 | 0.04 | 1.2 |
| 23-Jul-11 | Alec McAlister | OV-0617 | 1219361 | <0.1 | 0.7 | 0.2 | 33 | 0.05 | 0.051 | 10 | 17 | 0.27 | 77 | 0.013 | <1 | 1.04 | 0.003 | 0.04 | 0.2 | 0.04 | 1 |
| 23-Jul-11 | Alec McAlister | OV-0619 | 1219362 | 0.2 | 0.6 | 0.2 | 29 | 0.07 | 0.068 | 16 | 18 | 0.27 | 95 | 0.009 | <1 | 1.03 | 0.004 | 0.04 | 0.2 | 0.05 | 0.7 |
| 23-Jul-11 | Alec McAlister | OV-0621 | 1219363 | 0.1 | 0.6 | 0.1 | 30 | 0.06 | 0.045 | 10 | 14 | 0.21 | 64 | 0.014 | <1 | 0.81 | 0.004 | 0.04 | 0.2 | 0.03 | 0.6 |
| 23-Jul-11 | Alec McAlister | OV-0623 | 1219364 | <0.1 | 0.7 | 0.2 | 32 | 0.05 | 0.042 | 11 | 17 | 0.29 | 113 | 0.015 | <1 | 1.01 | 0.003 | 0.04 | 0.3 | 0.07 | 1.2 |
| 23-Jul-11 | Alec McAlister | OV-0625 | 1219365 | 0.2 | 0.7 | 0.2 | 25 | 0.1 | 0.059 | 17 | 21 | 0.34 | 92 | 0.016 | <1 | 0.92 | 0.004 | 0.03 | 0.2 | 0.02 | 1.5 |
| 23-Jul-11 | Alec McAlister | OV-0627 | 1219366 | <0.1 | 0.6 | 0.2 | 32 | 0.05 | 0.052 | 13 | 17 | 0.25 | 98 | 0.012 | <1 | 0.96 | 0.004 | 0.03 | 0.2 | 0.05 | 1.1 |
| 23-Jul-11 | Alec McAlister | OV-0629 | 1219367 | 0.2 | 0.7 | 0.1 | 29 | 0.08 | 0.052 | 11 | 17 | 0.3 | 90 | 0.018 | <1 | 1.1 | 0.004 | 0.03 | 0.3 | 0.03 | 1.7 |
| 23-Jul-11 | Alec McAlister | OV-0631 | 1219368 | 0.2 | 0.9 | 0.2 | 51 | 0.08 | 0.054 | 10 | 23 | 0.32 | 104 | 0.024 | <1 | 1.48 | 0.005 | 0.03 | 0.2 | 0.04 | 1.4 |
| 23-Jul-11 | Alec McAlister | OV-0633 | 1219369 | 0.1 | 0.8 | 0.1 | 28 | 0.08 | 0.046 | 10 | 14 | 0.22 | 57 | 0.021 | <1 | 0.89 | 0.004 | 0.03 | 0.3 | 0.04 | 1.4 |
| 23-Jul-11 | Alec McAlister | OV-0635 | 1219370 | <0.1 | 0.7 | 0.1 | 25 | 0.12 | 0.059 | 12 | 15 | 0.26 | 73 | 0.018 | <1 | 0.9 | 0.004 | 0.03 | 0.3 | 0.02 | 1.4 |
| 23-Jul-11 | Alec McAlister | OV-0637 | 1219371 | 0.2 | 0.6 | 0.1 | 29 | 0.13 | 0.055 | 12 | 17 | 0.29 | 85 | 0.024 | <1 | 0.89 | 0.004 | 0.03 | 0.3 | 0.03 | 1.6 |
| 23-Jul-11 | Alec McAlister | OV-0639 | 1219372 | 0.1 | 0.5 | 0.1 | 28 | 0.09 | 0.045 | 12 | 21 | 0.36 | 80 | 0.02 | <1 | 0.91 | 0.003 | 0.03 | 0.2 | 0.02 | 1.5 |
| 23-Jul-11 | Alec McAlister | OV-0641 | 1219373 | 0.2 | 0.8 | 0.2 | 27 | 0.11 | 0.053 | 13 | 19 | 0.31 | 106 | 0.018 | <1 | 1.07 | 0.005 | 0.03 | 0.3 | 0.03 | 1.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 |
|-----------|----------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| | | | | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
| 23-Jul-11 | Alec McAlister | OV-0643 | 1219374 | 0.2 | 0.7 | 0.2 | 28 | 0.11 | 0.056 | 13 | 18 | 0.29 | 108 | 0.015 | <1 | 0.86 | 0.004 | 0.03 | 0.5 | 0.04 | 0.9 |
| 23-Jul-11 | Alec McAlister | OV-0645 | 1219375 | 0.1 | 0.6 | 0.2 | 37 | 0.06 | 0.035 | 12 | 17 | 0.26 | 134 | 0.017 | <1 | 0.97 | 0.004 | 0.03 | 0.3 | 0.02 | 0.9 |
| 23-Jul-11 | Alec McAlister | OV-0647 | 1219376 | <0.1 | 0.4 | 0.2 | 40 | 0.06 | 0.048 | 12 | 17 | 0.27 | 152 | 0.021 | <1 | 0.91 | 0.004 | 0.03 | 0.3 | 0.02 | 0.9 |
| 23-Jul-11 | Alec McAlister | OV-0649 | 1219377 | 0.1 | 0.6 | 0.2 | 35 | 0.07 | 0.049 | 13 | 21 | 0.31 | 99 | 0.016 | <1 | 1.11 | 0.004 | 0.03 | 0.5 | 0.03 | 1 |
| 23-Jul-11 | Alec McAlister | OV-0651 | 1219378 | 0.2 | 0.5 | 0.2 | 31 | 0.08 | 0.047 | 10 | 20 | 0.33 | 105 | 0.018 | <1 | 1.08 | 0.004 | 0.02 | 0.3 | 0.02 | 1.2 |
| 23-Jul-11 | Alec McAlister | OV-0653 | 1219379 | 0.1 | 0.6 | 0.2 | 37 | 0.03 | 0.039 | 12 | 18 | 0.26 | 61 | 0.023 | <1 | 0.85 | 0.003 | 0.03 | 0.5 | 0.01 | 0.8 |
| 23-Jul-11 | Alec McAlister | OV-0655 | 1219380 | 0.2 | 0.7 | 0.2 | 32 | 0.05 | 0.044 | 11 | 17 | 0.26 | 55 | 0.027 | <1 | 0.85 | 0.003 | 0.03 | 0.4 | 0.01 | 0.9 |
| 23-Jul-11 | Alec McAlister | OV-0657 | 1219381 | <0.1 | 0.6 | 0.1 | 27 | 0.07 | 0.036 | 11 | 18 | 0.33 | 83 | 0.02 | <1 | 1.11 | 0.004 | 0.03 | 0.2 | 0.03 | 1.2 |
| 23-Jul-11 | Alec McAlister | OV-0659 | 1219382 | 0.1 | 0.6 | 0.1 | 25 | 0.05 | 0.032 | 9 | 16 | 0.31 | 70 | 0.018 | <1 | 1.04 | 0.003 | 0.03 | 0.2 | 0.02 | 1 |
| 23-Jul-11 | Alec McAlister | OV-0661 | 1219383 | <0.1 | 0.5 | 0.2 | 26 | 0.07 | 0.042 | 15 | 16 | 0.25 | 122 | 0.014 | <1 | 0.99 | 0.004 | 0.03 | 0.2 | 0.03 | 1.1 |
| 23-Jul-11 | Alec McAlister | OV-0663 | 1219384 | 0.1 | 0.5 | 0.2 | 22 | 0.08 | 0.091 | 12 | 11 | 0.22 | 79 | 0.016 | <1 | 0.59 | 0.003 | 0.03 | 0.3 | <0.01 | 0.7 |
| 23-Jul-11 | Alec McAlister | OV-0665 | 1219385 | <0.1 | 0.7 | 0.2 | 24 | 0.03 | 0.019 | 22 | 17 | 0.31 | 115 | 0.015 | <1 | 0.97 | 0.004 | 0.03 | 0.2 | 0.06 | 1.6 |
| 23-Jul-11 | Alec McAlister | OV-0667 | 1219386 | <0.1 | 0.6 | 0.2 | 25 | 0.07 | 0.027 | 15 | 16 | 0.29 | 142 | 0.015 | <1 | 0.99 | 0.004 | 0.03 | 0.3 | 0.02 | 1.3 |
| 23-Jul-11 | Alec McAlister | OV-0669 | 1219387 | <0.1 | 0.5 | 0.1 | 28 | 0.09 | 0.043 | 16 | 18 | 0.32 | 272 | 0.019 | <1 | 1 | 0.006 | 0.03 | 0.3 | 0.04 | 2 |
| 23-Jul-11 | Alec McAlister | OV-0671 | 1219388 | <0.1 | 0.7 | <0.1 | 21 | 0.1 | 0.059 | 10 | 13 | 0.25 | 90 | 0.014 | <1 | 0.72 | 0.003 | 0.03 | 0.1 | 0.02 | 1.1 |
| 23-Jul-11 | Alec McAlister | OV-0673 | 1219389 | <0.1 | 0.7 | 0.2 | 46 | 0.07 | 0.046 | 9 | 23 | 0.35 | 237 | 0.02 | <1 | 1.57 | 0.006 | 0.05 | 0.2 | 0.02 | 1.6 |
| 23-Jul-11 | Alec McAlister | OV-0675 | 1219390 | <0.1 | 0.6 | 0.1 | 21 | 0.1 | 0.058 | 8 | 12 | 0.24 | 147 | 0.009 | <1 | 0.71 | 0.003 | 0.03 | 0.2 | 0.02 | 1 |
| 23-Jul-11 | Alec McAlister | OV-0677 | 1219391 | 0.2 | 0.7 | <0.1 | 15 | 0.08 | 0.041 | 10 | 9 | 0.2 | 67 | 0.012 | 7 | 0.53 | 0.003 | 0.03 | <0.1 | 0.01 | 1 |
| 23-Jul-11 | Alec McAlister | OV-0679 | 1219392 | 0.1 | 0.4 | 0.1 | 25 | 0.08 | 0.113 | 8 | 11 | 0.16 | 183 | 0.012 | <1 | 0.59 | 0.004 | 0.03 | 0.2 | <0.01 | 0.7 |
| 23-Jul-11 | Alec McAlister | OV-0681 | 1219393 | 0.1 | 0.7 | <0.1 | 15 | 0.09 | 0.047 | 9 | 10 | 0.21 | 124 | 0.012 | <1 | 0.54 | 0.003 | 0.03 | <0.1 | 0.02 | 1.1 |
| 23-Jul-11 | Alec McAlister | OV-0683 | 1219394 | <0.1 | 0.6 | <0.1 | 19 | 0.05 | 0.035 | 10 | 11 | 0.21 | 73 | 0.014 | <1 | 0.62 | 0.002 | 0.03 | 0.1 | 0.01 | 1.5 |
| 23-Jul-11 | Alec McAlister | OV-0685 | 1219395 | 0.2 | 0.7 | <0.1 | 13 | 0.07 | 0.046 | 10 | 8 | 0.2 | 75 | 0.01 | <1 | 0.48 | 0.002 | 0.03 | 0.1 | 0.01 | 1.4 |
| 23-Jul-11 | Alec McAlister | OV-0687 | 1219396 | 0.1 | 0.8 | 0.1 | 16 | 0.08 | 0.045 | 9 | 11 | 0.23 | 95 | 0.01 | <1 | 0.58 | 0.002 | 0.03 | 0.1 | 0.01 | 1.1 |
| 23-Jul-11 | Alec McAlister | OV-0689 | 1219397 | <0.1 | 0.7 | 0.1 | 21 | 0.06 | 0.032 | 15 | 14 | 0.28 | 117 | 0.016 | <1 | 0.77 | 0.003 | 0.04 | 0.1 | 0.02 | 1.4 |
| 23-Jul-11 | Alec McAlister | OV-0691 | 1219398 | <0.1 | 0.7 | <0.1 | 18 | 0.09 | 0.054 | 7 | 11 | 0.23 | 180 | 0.008 | <1 | 0.66 | 0.003 | 0.04 | 0.1 | <0.01 | 1 |
| 26-Jul-11 | Alec McAlister | OV-0858 | 1219401 | 0.2 | 0.7 | 0.2 | 21 | 0.07 | 0.051 | 33 | 15 | 0.3 | 93 | 0.012 | <1 | 0.94 | 0.005 | 0.05 | 0.2 | 0.04 | 1.6 |
| 26-Jul-11 | Alec McAlister | OV-0859 | 1219402 | 0.2 | 0.5 | 0.2 | 21 | 0.05 | 0.047 | 30 | 15 | 0.27 | 74 | 0.007 | <1 | 0.99 | 0.004 | 0.05 | 0.2 | 0.05 | 0.9 |
| 26-Jul-11 | Alec McAlister | OV-0860 | 1219403 | 0.1 | 0.6 | 0.2 | 23 | 0.06 | 0.045 | 32 | 17 | 0.34 | 83 | 0.011 | <1 | 1.11 | 0.004 | 0.04 | 0.2 | 0.04 | 1.4 |
| 26-Jul-11 | Alec McAlister | OV-0861 | 1219404 | 0.2 | 0.8 | 0.2 | 26 | 0.08 | 0.055 | 23 | 17 | 0.35 | 110 | 0.018 | <1 | 1.17 | 0.005 | 0.05 | 0.2 | 0.05 | 2.3 |
| 26-Jul-11 | Alec McAlister | OV-0862 | 1219405 | 0.2 | 0.4 | 0.2 | 26 | 0.07 | 0.059 | 24 | 18 | 0.3 | 70 | 0.014 | <1 | 1.06 | 0.006 | 0.04 | 0.2 | 0.03 | 1.1 |
| 26-Jul-11 | Alec McAlister | OV-0863 | 1219406 | <0.1 | 1 | 0.2 | 26 | 0.05 | 0.044 | 25 | 16 | 0.27 | 78 | 0.011 | <1 | 1 | 0.005 | 0.05 | 0.1 | 0.03 | 1.3 |
| 26-Jul-11 | Alec McAlister | OV-0864 | 1219407 | <0.1 | 0.6 | 0.2 | 32 | 0.04 | 0.074 | 17 | 18 | 0.29 | 88 | 0.014 | <1 | 1.09 | 0.005 | 0.04 | 0.2 | 0.05 | 1.2 |

| Date | Soil Sampler | Station | Lab Tag Number | Cd_ppm | Sb_ppm | Bi_ppm | V_ppm | Ca_pct | P_pct | La_ppm | Cr_ppm | Mg_pct | Ba_ppm | Ti_pct | B_ppm | Al_pct | Na_pct | K_pct | W_ppm | Hg_ppm | Sc_ppm |
|-----------|--------------|---------|----------------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|
| 23-Jul-11 | Kevin Trudel | OV-1004 | 1219735 | 0.1 | 0.4 | 0.2 | 25 | 0.09 | 0.044 | 41 | 19 | 0.5 | 142 | 0.02 | <1 | 1.19 | 0.004 | 0.03 | 0.1 | 0.07 | 1.9 |
| 23-Jul-11 | Kevin Trudel | OV-1005 | 1219736 | 0.1 | 0.6 | 0.2 | 30 | 0.07 | 0.046 | 21 | 19 | 0.35 | 74 | 0.012 | <1 | 1.17 | 0.003 | 0.03 | 0.2 | 0.03 | 1.3 |
| 23-Jul-11 | Kevin Trudel | OV-1006 | 1219737 | 0.1 | 0.5 | 0.2 | 30 | 0.09 | 0.049 | 28 | 20 | 0.4 | 94 | 0.015 | <1 | 1.22 | 0.004 | 0.04 | 0.2 | 0.02 | 1.4 |
| 23-Jul-11 | Kevin Trudel | OV-1007 | 1219738 | 0.1 | 0.5 | 0.2 | 27 | 0.07 | 0.047 | 37 | 19 | 0.42 | 96 | 0.012 | <1 | 1.27 | 0.003 | 0.03 | 0.1 | 0.03 | 1.6 |
| 23-Jul-11 | Kevin Trudel | OV-1008 | 1219739 | 0.2 | 0.6 | 0.2 | 29 | 0.09 | 0.051 | 27 | 22 | 0.46 | 123 | 0.018 | <1 | 1.34 | 0.004 | 0.04 | 0.1 | 0.02 | 2 |



| |
|--------------------|
| Property: |
| Project Geologist: |
| GPS Datum & Zone: |
| Lab: |

1DX15 1DX15 1DX15 1DX15 1DX15
 TI S Ga Se Te
 % PPM PPM PPM
 0.1 0.05 1 0.5 0.2

| Date | Soil Sampler | Station | Lab Tag Number | TI_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
|-----------|----------------|---------|----------------|--------|-------|--------|--------|--------|
| 27-Jul-11 | Michael Glynn | | 1207751 | 1 | 0.16 | 15 | 5.4 | 0.8 |
| 9-Jul-11 | Andrew Blampin | | 1217001 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217002 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217003 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217004 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217005 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217006 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217007 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217008 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217009 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217010 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217011 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217012 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217013 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217014 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217015 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217016 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217017 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217018 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217019 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217020 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217021 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217022 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217023 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217024 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217025 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Andrew Blampin | | 1217026 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0040 | 1217029 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|----------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 15-Jul-11 | Andrew Blampin | OV-0041 | 1217030 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0042 | 1217031 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0043 | 1217032 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0044 | 1217033 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0045 | 1217034 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0046 | 1217035 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0047 | 1217036 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0048 | 1217037 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0049 | 1217038 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0050 | 1217039 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0051 | 1217040 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0052 | 1217041 | <0.1 | <0.05 | 1 | 0.6 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0053 | 1217042 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0054 | 1217043 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0055 | 1217044 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0056 | 1217045 | <0.1 | <0.05 | 2 | 0.7 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0057 | 1217046 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0058 | 1217047 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0059 | 1217048 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0060 | 1217049 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0061 | 1217050 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0062 | 1217051 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0063 | 1217052 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0064 | 1217053 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0065 | 1217054 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0066 | 1217055 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0067 | 1217056 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Andrew Blampin | OV-0068 | 1217057 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 15-Jul-11 | Andrew Blampin | | 1217058 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Andrew Blampin | | 1217059 | <0.1 | 0.07 | 5 | 0.7 | <0.2 |
| 15-Jul-11 | Andrew Blampin | | 1217060 | <0.1 | 0.08 | 6 | 0.6 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217151 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|----------|--------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 8-Jul-11 | Conner McKay | | 1217152 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217153 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217154 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217155 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217156 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217157 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217158 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217159 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217160 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217161 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217162 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217163 | <0.1 | <0.05 | 2 | 0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217164 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217165 | 0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217166 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217167 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217168 | <0.1 | <0.05 | 2 | 0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217169 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217170 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217171 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217172 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217173 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217174 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217175 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217176 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217177 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217178 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217179 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 8-Jul-11 | Conner McKay | | 1217180 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 9-Jul-11 | Conner McKay | | 1217181 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Conner McKay | | 1217182 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Conner McKay | | 1217183 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 9-Jul-11 | Conner McKay | | 1217184 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 9-Jul-11 | Conner McKay | | 1217185 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Conner McKay | | 1217186 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|--------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 9-Jul-11 | Conner McKay | | 1217187 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Conner McKay | | 1217188 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Conner McKay | | 1217189 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Conner McKay | | 1217190 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Conner McKay | | 1217191 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 9-Jul-11 | Conner McKay | | 1217192 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 9-Jul-11 | Conner McKay | | 1217193 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 9-Jul-11 | Conner McKay | | 1217194 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Conner McKay | | 1217195 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Conner McKay | | 1217196 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 9-Jul-11 | Conner McKay | | 1217197 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Conner McKay | | 1217198 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 9-Jul-11 | Conner McKay | | 1217199 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Conner McKay | | 1217200 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Conner McKay | | 1217201 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Conner McKay | | 1217202 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217203 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217204 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217205 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217206 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217207 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217208 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217209 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217210 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217211 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217212 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217213 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217214 | 0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217215 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217216 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217217 | <0.1 | 0.07 | 2 | 0.7 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217218 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217219 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217220 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|--------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 10-Jul-11 | Conner McKay | | 1217221 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217222 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217223 | <0.1 | 0.15 | 1 | 0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217224 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217225 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217226 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217227 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217228 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217229 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217230 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217231 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 10-Jul-11 | Conner McKay | | 1217232 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217233 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217234 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217235 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217236 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217237 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217238 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217239 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217240 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217241 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217242 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217243 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217244 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217245 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217246 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217247 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217248 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217249 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217250 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217251 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217252 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217253 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217254 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217255 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|--------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 13-Jul-11 | Conner McKay | | 1217256 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217257 | <0.1 | <0.05 | 2 | 0.5 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217258 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217259 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 13-Jul-11 | Conner McKay | | 1217260 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0134 | 1217261 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0140 | 1217262 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0141 | 1217263 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0142 | 1217264 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0143 | 1217265 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0144 | 1217266 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0145 | 1217267 | <0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0146 | 1217268 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0147 | 1217269 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0148 | 1217270 | <0.1 | <0.05 | 3 | 1 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0149 | 1217271 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0150 | 1217272 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0151 | 1217273 | <0.1 | <0.05 | 5 | 0.7 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0152 | 1217274 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0153 | 1217275 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0154 | 1217276 | <0.1 | <0.05 | 5 | 0.5 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0155 | 1217277 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0156 | 1217278 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0157 | 1217279 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0158 | 1217280 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0159 | 1217281 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0160 | 1217282 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0161 | 1217283 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0162 | 1217284 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0163 | 1217285 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0164 | 1217286 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0165 | 1217287 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0166 | 1217288 | <0.1 | <0.05 | 5 | 0.7 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0167 | 1217289 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 14-Jul-11 | Conner McKay | OV-0168 | 1217290 | <0.1 | <0.05 | 5 | 0.6 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|--------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 14-Jul-11 | Conner McKay | OV-0169 | 1217291 | <0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0350 | 1217292 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0331 | 1217293 | 0.1 | <0.05 | 5 | 0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0332 | 1217294 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0333 | 1217295 | 0.1 | <0.05 | 6 | 0.7 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0334 | 1217296 | <0.1 | <0.05 | 4 | 0.7 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0335 | 1217297 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0336 | 1217298 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0337 | 1217299 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0338 | 1217300 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Myles Rusk | OV-0001 | 1217301 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 9-Jul-11 | Myles Rusk | OV-0002 | 1217302 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Myles Rusk | OV-0003 | 1217303 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 9-Jul-11 | Myles Rusk | OV-0004 | 1217304 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 9-Jul-11 | Myles Rusk | OV-0005 | 1217305 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 9-Jul-11 | Myles Rusk | OV-0006 | 1217306 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Myles Rusk | OV-0007 | 1217307 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 9-Jul-11 | Myles Rusk | OV-0008 | 1217308 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Myles Rusk | OV-0009 | 1217309 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 9-Jul-11 | Myles Rusk | OV-0010 | 1217310 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Myles Rusk | OV-0011 | 1217311 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Myles Rusk | OV-0012 | 1217312 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Myles Rusk | OV-0013 | 1217313 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Myles Rusk | OV-0014 | 1217314 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 9-Jul-11 | Myles Rusk | OV-0015 | 1217315 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 9-Jul-11 | Myles Rusk | OV-0016 | 1217316 | <0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 9-Jul-11 | Myles Rusk | OV-0017 | 1217317 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 9-Jul-11 | Myles Rusk | OV-0018 | 1217318 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Myles Rusk | OV-0019 | 1217319 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 9-Jul-11 | Myles Rusk | OV-0020 | 1217320 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 9-Jul-11 | Myles Rusk | OV-0021 | 1217321 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 9-Jul-11 | Myles Rusk | OV-0022 | 1217322 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Myles Rusk | OV-0023 | 1217323 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 9-Jul-11 | Myles Rusk | OV-0024 | 1217324 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|--------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| | | | 1217325 | | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217326 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 10-Jul-11 | Lukasz Malek | | 1217327 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 10-Jul-11 | Lukasz Malek | | 1217328 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 10-Jul-11 | Lukasz Malek | | 1217329 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 10-Jul-11 | Lukasz Malek | | 1217330 | <0.1 | 0.07 | 2 | <0.5 | <0.2 |
| 10-Jul-11 | Lukasz Malek | | 1217331 | 0.1 | 0.05 | 2 | <0.5 | <0.2 |
| 10-Jul-11 | Lukasz Malek | | 1217332 | <0.1 | 0.06 | 2 | 0.5 | <0.2 |
| 10-Jul-11 | Lukasz Malek | | 1217333 | <0.1 | 0.08 | 2 | <0.5 | <0.2 |
| 10-Jul-11 | Lukasz Malek | | 1217334 | <0.1 | 0.12 | 2 | 0.6 | <0.2 |
| 10-Jul-11 | Lukasz Malek | | 1217335 | <0.1 | 0.1 | 2 | <0.5 | <0.2 |
| 10-Jul-11 | Lukasz Malek | | 1217336 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 10-Jul-11 | Lukasz Malek | | 1217337 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 10-Jul-11 | Lukasz Malek | | 1217338 | 0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 10-Jul-11 | Lukasz Malek | | 1217339 | <0.1 | 0.12 | 2 | <0.5 | <0.2 |
| 10-Jul-11 | Lukasz Malek | | 1217340 | <0.1 | 0.13 | 2 | <0.5 | <0.2 |
| 10-Jul-11 | Lukasz Malek | | 1217341 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 10-Jul-11 | Lukasz Malek | | 1217342 | | | | | |
| 10-Jul-11 | Lukasz Malek | | 1217343 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 10-Jul-11 | Lukasz Malek | | 1217344 | <0.1 | <0.05 | 2 | 0.5 | <0.2 |
| 10-Jul-11 | Lukasz Malek | | 1217345 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 10-Jul-11 | Lukasz Malek | | 1217346 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 10-Jul-11 | Lukasz Malek | | 1217347 | | | | | |
| 13-Jul-11 | Myles Rusk | | 1217401 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217402 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217403 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217404 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217405 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217406 | <0.1 | 0.08 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217407 | <0.1 | 0.07 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217408 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217409 | <0.1 | 0.05 | 4 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217410 | 0.1 | 0.06 | 4 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|--------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 13-Jul-11 | Myles Rusk | | 1217411 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217412 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217413 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217414 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217415 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217416 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217417 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217418 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217419 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217420 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217421 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217422 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217423 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217424 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217425 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217426 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217427 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217428 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217429 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Myles Rusk | | 1217430 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0090 | 1217431 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0091 | 1217432 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0092 | 1217433 | <0.1 | 0.06 | 4 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0093 | 1217434 | 0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0094 | 1217435 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0095 | 1217436 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0096 | 1217437 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0097 | 1217438 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0098 | 1217439 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0099 | 1217440 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0100 | 1217441 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0101 | 1217442 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0102 | 1217443 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0103 | 1217444 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|--------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 14-Jul-11 | Myles Rusk | OV-0104 | 1217445 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0105 | 1217446 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0106 | 1217447 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0107 | 1217448 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0108 | 1217449 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0109 | 1217450 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217451 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217452 | 0.1 | <0.05 | 4 | 0.7 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217453 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217454 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217455 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217456 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217457 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217458 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217459 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217460 | <0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217461 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217462 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217463 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217464 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217465 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217466 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217467 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217468 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217469 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217470 | <0.1 | <0.05 | 2 | 0.8 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217471 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217472 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217473 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217474 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217475 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 13-Jul-11 | Sam Snelling | | 1217476 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0294 | 1217477 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0293 | 1217478 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0292 | 1217479 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|--------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 14-Jul-11 | Sam Snelling | OV-0291 | 1217480 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0290 | 1217481 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0289 | 1217482 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0288 | 1217483 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0287 | 1217484 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0286 | 1217485 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0285 | 1217486 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0284 | 1217487 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0283 | 1217488 | <0.1 | <0.05 | 2 | 0.7 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0282 | 1217489 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0546 | 1217490 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0595 | 1217491 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0594 | 1217492 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0593 | 1217493 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0592 | 1217494 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0591 | 1217495 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0590 | 1217496 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0589 | 1217497 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0588 | 1217498 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0587 | 1217499 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0586 | 1217500 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0331 | 1217501 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0340 | 1217502 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0341 | 1217503 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0342 | 1217504 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0343 | 1217505 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0344 | 1217506 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0345 | 1217507 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0346 | 1217508 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0347 | 1217509 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0348 | 1217510 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0349 | 1217511 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0350 | 1217512 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0351 | 1217513 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0352 | 1217514 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|--------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 15-Jul-11 | Conner McKay | OV-0353 | 1217515 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0354 | 1217516 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0355 | 1217517 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0356 | 1217518 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0357 | 1217519 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0358 | 1217520 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0359 | 1217521 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0360 | 1217522 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0361 | 1217523 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0362 | 1217524 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0363 | 1217525 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0364 | 1217526 | 0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0365 | 1217527 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0366 | 1217528 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0367 | 1217529 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0368 | 1217530 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0369 | 1217531 | <0.1 | <0.05 | 2 | 0.8 | <0.2 |
| 15-Jul-11 | Conner McKay | OV-0370 | 1217532 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1087 | 1217664 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1088 | 1217665 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1089 | 1217666 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1090 | 1217667 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1091 | 1217668 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1092 | 1217669 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1093 | 1217670 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1094 | 1217671 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1095 | 1217672 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1096 | 1217673 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1097 | 1217674 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1098 | 1217675 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1099 | 1217676 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1100 | 1217677 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1101 | 1217678 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1102 | 1217679 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|--------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 23-Jul-11 | Conner McKay | OV-1103 | 1217680 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1104 | 1217681 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1105 | 1217682 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1106 | 1217683 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1107 | 1217684 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1108 | 1217685 | 0.3 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1109 | 1217686 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1110 | 1217687 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1111 | 1217688 | 0.1 | 0.06 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1112 | 1217689 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1113 | 1217690 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1114 | 1217691 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1115 | 1217692 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1116 | 1217693 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1117 | 1217694 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1118 | 1217695 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1119 | 1217696 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1120 | 1217697 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1121 | 1217698 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1122 | 1217699 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1123 | 1217700 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1124 | 1217701 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1125 | 1217702 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1126 | 1217703 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1127 | 1217704 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1128 | 1217705 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1129 | 1217706 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1130 | 1217707 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1131 | 1217708 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1132 | 1217709 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1133 | 1217710 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1134 | 1217711 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1135 | 1217712 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1136 | 1217713 | 0.2 | 0.07 | 5 | <0.5 | <0.2 |
| 23-Jul-11 | Conner McKay | OV-1137 | 1217714 | | | | | |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|--------------------------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0461 | 1217715 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0462 | 1217716 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0463 | 1217717 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0464 | 1217718 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0465 | 1217719 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0466 | 1217720 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0467 | 1217721 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0468 | 1217722 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0469 | 1217723 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0470 | 1217724 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0471 | 1217725 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0472 | 1217726 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0473 | 1217727 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0474 | 1217728 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0475 | 1217729 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0476 | 1217730 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0477 | 1217731 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0478 | 1217732 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Conner McKay & James Henderson | OV-0479 | 1217733 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Conner McKay | OV-0910 | 1217734 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Conner McKay | OV-0911 | 1217735 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Conner McKay | OV-0912 | 1217736 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Conner McKay | OV-0913 | 1217737 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Conner McKay | OV-0914 | 1217738 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 26-Jul-11 | Conner McKay | OV-0915 | 1217739 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Conner McKay | OV-0916 | 1217740 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Conner McKay | OV-0917 | 1217741 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Conner McKay | OV-0918 | 1217742 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Conner McKay | OV-0919 | 1217743 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Conner McKay | OV-0920 | 1217744 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Conner McKay | OV-0921 | 1217745 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Conner McKay | OV-0922 | 1217746 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Conner McKay | OV-0923 | 1217747 | <0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 26-Jul-11 | Conner McKay | OV-0924 | 1217748 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Conner McKay | OV-0925 | 1217749 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|--------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 26-Jul-11 | Conner McKay | OV-0926 | 1217750 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 26-Jul-11 | Conner McKay | OV-0927 | 1217951 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 26-Jul-11 | Conner McKay | OV-0928 | 1217952 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 26-Jul-11 | Conner McKay | OV-0929 | 1217953 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Conner McKay | OV-0930 | 1217954 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Conner McKay | OV-0931 | 1217955 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 26-Jul-11 | Conner McKay | OV-0932 | 1217956 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Conner McKay | OV-0933 | 1217957 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Conner McKay | OV-0934 | 1217958 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1049 | 1218138 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1050 | 1218139 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1051 | 1218140 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1052 | 1218141 | I.S. | I.S. | I.S. | I.S. | I.S. |
| 22-Jul-11 | Ryan West | OV-1053 | 1218142 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1054 | 1218143 | <0.1 | 0.07 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1055 | 1218144 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1056 | 1218145 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1057 | 1218146 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1058 | 1218147 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1059 | 1218148 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1060 | 1218149 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1061 | 1218150 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1062 | 1218151 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1063 | 1218152 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1064 | 1218153 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1065 | 1218154 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1066 | 1218155 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1067 | 1218156 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1068 | 1218157 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1069 | 1218158 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1070 | 1218159 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1071 | 1218160 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1072 | 1218161 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1073 | 1218162 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1074 | 1218163 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|--------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 22-Jul-11 | Ryan West | OV-1075 | 1218164 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1076 | 1218165 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1077 | 1218166 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1078 | 1218167 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1079 | 1218168 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1080 | 1218169 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1081 | 1218170 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1082 | 1218171 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1083 | 1218172 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1084 | 1218173 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1085 | 1218174 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Ryan West | OV-1086 | 1218175 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0598 | 1218176 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0600 | 1218177 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0602 | 1218178 | 0.1 | <0.05 | 7 | 0.9 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0604 | 1218179 | 0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0606 | 1218180 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0608 | 1218181 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0610 | 1218182 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0612 | 1218183 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0614 | 1218184 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0616 | 1218185 | 0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0618 | 1218186 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0620 | 1218187 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0622 | 1218188 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0624 | 1218189 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0626 | 1218190 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0628 | 1218191 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0630 | 1218192 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0632 | 1218193 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0634 | 1218194 | I.S. | I.S. | I.S. | I.S. | I.S. |
| 23-Jul-11 | Ryan West | OV-0636 | 1218195 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0638 | 1218196 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0640 | 1218197 | I.S. | I.S. | I.S. | I.S. | I.S. |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|--------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 23-Jul-11 | Ryan West | OV-0642 | 1218198 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0644 | 1218199 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0646 | 1218200 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0648 | 1218201 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0650 | 1218202 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0652 | 1218203 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0654 | 1218204 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0656 | 1218205 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0658 | 1218206 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0660 | 1218207 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0662 | 1218208 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0664 | 1218209 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0666 | 1218210 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0668 | 1218211 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0670 | 1218212 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0672 | 1218213 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0674 | 1218214 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0676 | 1218215 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0678 | 1218216 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0680 | 1218217 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0682 | 1218218 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0684 | 1218219 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0686 | 1218220 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0688 | 1218221 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0690 | 1218222 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 23-Jul-11 | Ryan West | OV-0692 | 1218223 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 24-Jul-11 | Ryan West | OV-0013 | 1218224 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 24-Jul-11 | Ryan West | OV-0015 | 1218225 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 24-Jul-11 | Ryan West | OV-0017 | 1218226 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 24-Jul-11 | Ryan West | OV-0019 | 1218227 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 24-Jul-11 | Ryan West | OV-0021 | 1218228 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 24-Jul-11 | Ryan West | OV-0023 | 1218229 | I.S. | I.S. | I.S. | I.S. | I.S. |
| 24-Jul-11 | Ryan West | OV-0025 | 1218230 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|-----------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 24-Jul-11 | Ryan West | OV-0027 | 1218231 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 24-Jul-11 | Ryan West | OV-0029 | 1218232 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 24-Jul-11 | Ryan West | OV-0031 | 1218233 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 24-Jul-11 | Ryan West | OV-0033 | 1218234 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 24-Jul-11 | Ryan West | OV-0035 | 1218235 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 24-Jul-11 | Ryan West | OV-0037 | 1218236 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0884 | 1218237 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0885 | 1218238 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0886 | 1218239 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0887 | 1218240 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0888 | 1218241 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0889 | 1218242 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0890 | 1218243 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0891 | 1218244 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0892 | 1218245 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0893 | 1218246 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0894 | 1218247 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0895 | 1218248 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0896 | 1218249 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0897 | 1218250 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0420 | 1218351 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0419 | 1218352 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0418 | 1218353 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0417 | 1218354 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0416 | 1218355 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0415 | 1218356 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0414 | 1218357 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0413 | 1218358 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0412 | 1218359 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0411 | 1218360 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0410 | 1218361 | 0.1 | <0.05 | 4 | 0.7 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0409 | 1218362 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0408 | 1218363 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0407 | 1218364 | <0.1 | <0.05 | 4 | 0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|-----------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 22-Jul-11 | Thomas Barrette | OV-0406 | 1218365 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0405 | 1218366 | 0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0404 | 1218367 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0403 | 1218368 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0402 | 1218369 | <0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0401 | 1218370 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0400 | 1218371 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0399 | 1218372 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0398 | 1218373 | 0.1 | 0.11 | 4 | 0.6 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0397 | 1218374 | 0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0396 | 1218375 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0395 | 1218376 | <0.1 | <0.05 | 2 | 0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0394 | 1218377 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0393 | 1218378 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0392 | 1218379 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0391 | 1218380 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0390 | 1218381 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0389 | 1218382 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0388 | 1218383 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0387 | 1218384 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0386 | 1218385 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0385 | 1218386 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0384 | 1218387 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0383 | 1218388 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0382 | 1218389 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0381 | 1218390 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0380 | 1218391 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0379 | 1218392 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0378 | 1218393 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0377 | 1218394 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0376 | 1218395 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0375 | 1218396 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0374 | 1218397 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0373 | 1218398 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Thomas Barrette | OV-0372 | 1218399 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|-----------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 22-Jul-11 | Thomas Barrette | OV-0371 | 1218400 | 0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1009 | 1218401 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1010 | 1218402 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1011 | 1218403 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1012 | 1218404 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1013 | 1218405 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1014 | 1218406 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1015 | 1218407 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1016 | 1218408 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1017 | 1218409 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1018 | 1218410 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1019 | 1218411 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1020 | 1218412 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1021 | 1218413 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1022 | 1218414 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1023 | 1218415 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1024 | 1218416 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1025 | 1218417 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1026 | 1218418 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1027 | 1218419 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1028 | 1218420 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1029 | 1218421 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1030 | 1218422 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1031 | 1218423 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1032 | 1218424 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1033 | 1218425 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1034 | 1218426 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1035 | 1218427 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1036 | 1218428 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1037 | 1218429 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1038 | 1218430 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1039 | 1218431 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1040 | 1218432 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1041 | 1218433 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1042 | 1218434 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|-----------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 23-Jul-11 | Thomas Barrette | OV-1043 | 1218435 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1044 | 1218436 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1045 | 1218437 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1046 | 1218438 | <0.1 | 0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1047 | 1218439 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Thomas Barrette | OV-1048 | 1218440 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 24-Jul-11 | Thomas Barrette | OV-0014 | 1218441 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 24-Jul-11 | Thomas Barrette | OV-0016 | 1218442 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 24-Jul-11 | Thomas Barrette | OV-0018 | 1218443 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 24-Jul-11 | Thomas Barrette | OV-0020 | 1218444 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 24-Jul-11 | Thomas Barrette | OV-0022 | 1218445 | <0.1 | 0.08 | 3 | 0.7 | <0.2 |
| 24-Jul-11 | Thomas Barrette | OV-0024 | 1218446 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 24-Jul-11 | Thomas Barrette | OV-0026 | 1218447 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 24-Jul-11 | Thomas Barrette | OV-0028 | 1218448 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 24-Jul-11 | Thomas Barrette | OV-0030 | 1218449 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 24-Jul-11 | Thomas Barrette | OV-0032 | 1218450 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 24-Jul-11 | Thomas Barrette | OV-0034 | 1218451 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 24-Jul-11 | Thomas Barrette | OV-0036 | 1218452 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 24-Jul-11 | Thomas Barrette | OV-0038 | 1218453 | <0.1 | 0.05 | 2 | <0.5 | <0.2 |
| 24-Jul-11 | Thomas Barrette | OV-0040 | 1218454 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| | | | 1218455 | | | | | |
| 25-Jul-11 | Thomas Barrette | OV-0760 | 1218456 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0761 | 1218457 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0762 | 1218458 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0763 | 1218459 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0764 | 1218460 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0765 | 1218461 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0766 | 1218462 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0767 | 1218463 | <0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0768 | 1218464 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0769 | 1218465 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0770 | 1218466 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0771 | 1218467 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0772 | 1218468 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0773 | 1218469 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|-----------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 25-Jul-11 | Thomas Barrette | OV-0774 | 1218470 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0775 | 1218471 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0776 | 1218472 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0777 | 1218473 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0778 | 1218474 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0779 | 1218475 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0780 | 1218476 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0781 | 1218477 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0782 | 1218478 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0783 | 1218479 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0784 | 1218480 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0785 | 1218481 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0786 | 1218482 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0787 | 1218483 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0788 | 1218484 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0789 | 1218485 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0790 | 1218486 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0791 | 1218487 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 25-Jul-11 | Thomas Barrette | OV-0792 | 1218488 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0793 | 1218489 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0794 | 1218490 | 0.2 | <0.05 | 2 | 0.6 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0795 | 1218491 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0796 | 1218492 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0797 | 1218493 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0798 | 1218494 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0799 | 1218495 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0800 | 1218496 | <0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0801 | 1218497 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0802 | 1218498 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0803 | 1218499 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|-----------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 26-Jul-11 | Thomas Barrette | OV-0804 | 1218500 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0585 | 1218501 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0584 | 1218502 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0583 | 1218503 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0582 | 1218504 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0581 | 1218505 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0580 | 1218506 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0579 | 1218507 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0578 | 1218508 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0577 | 1218509 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0576 | 1218510 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0575 | 1218511 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0574 | 1218512 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0573 | 1218513 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Sam Snelling | OV-0572 | 1218514 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0523 | 1218515 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0524 | 1218516 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0525 | 1218517 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0526 | 1218518 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0527 | 1218519 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0528 | 1218520 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0529 | 1218521 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0530 | 1218522 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0531 | 1218523 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0532 | 1218524 | <0.1 | <0.05 | 2 | 0.8 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0533 | 1218525 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0534 | 1218526 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0535 | 1218527 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0536 | 1218528 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0537 | 1218529 | <0.1 | <0.05 | 4 | 1.2 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0538 | 1218530 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0539 | 1218531 | <0.1 | <0.05 | 4 | 0.9 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0540 | 1218532 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0541 | 1218533 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|-----------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 15-Jul-11 | Sam Snelling | OV-0542 | 1218534 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0543 | 1218535 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0544 | 1218536 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0545 | 1218537 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0546 | 1218538 | 0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0547 | 1218539 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0548 | 1218540 | <0.1 | <0.05 | 2 | 0.8 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0549 | 1218541 | 0.1 | <0.05 | 5 | 1 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0550 | 1218542 | <0.1 | <0.05 | 2 | 0.9 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0551 | 1218543 | <0.1 | <0.05 | 2 | 0.8 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0552 | 1218544 | 0.2 | <0.05 | 2 | 1.1 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0553 | 1218545 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0554 | 1218546 | <0.1 | <0.05 | 2 | 0.7 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0555 | 1218547 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0556 | 1218548 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0557 | 1218549 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0558 | 1218550 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0559 | 1218551 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0560 | 1218552 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0561 | 1218553 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0562 | 1218554 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0563 | 1218555 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0564 | 1218556 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0565 | 1218557 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0566 | 1218558 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0567 | 1218559 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0568 | 1218560 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0569 | 1218561 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0570 | 1218562 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Sam Snelling | OV-0571 | 1218563 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218601 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218602 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218603 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218604 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218605 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|-----------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 13-Jul-11 | Thomas Barrette | | 1218606 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218607 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218608 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218609 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218610 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218611 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218612 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218613 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218614 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218615 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218616 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218617 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218618 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218619 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218620 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218621 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218622 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218623 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218624 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218625 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218626 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 13-Jul-11 | Thomas Barrette | | 1218627 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0196 | 1218628 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0195 | 1218629 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0194 | 1218630 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0193 | 1218631 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0192 | 1218632 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0191 | 1218633 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0190 | 1218634 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0189 | 1218635 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0188 | 1218636 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0187 | 1218637 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0186 | 1218638 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0185 | 1218639 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0184 | 1218640 | <0.1 | <0.05 | 4 | 0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|-----------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 14-Jul-11 | Thomas Barrette | OV-0183 | 1218641 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0182 | 1218642 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0181 | 1218643 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0180 | 1218644 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0179 | 1218645 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0178 | 1218646 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0177 | 1218647 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0176 | 1218648 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0175 | 1218649 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0174 | 1218650 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0173 | 1218651 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0172 | 1218652 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0171 | 1218653 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Thomas Barrette | OV-0170 | 1218654 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0480 | 1218655 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0481 | 1218656 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0482 | 1218657 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0483 | 1218658 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0484 | 1218659 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0485 | 1218660 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0486 | 1218661 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0487 | 1218662 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0488 | 1218663 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0489 | 1218664 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0490 | 1218665 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0491 | 1218666 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0492 | 1218667 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0493 | 1218668 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0494 | 1218669 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0495 | 1218670 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0496 | 1218671 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0497 | 1218672 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0498 | 1218673 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0499 | 1218674 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0500 | 1218675 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|-----------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 15-Jul-11 | Thomas Barrette | OV-0501 | 1218676 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0502 | 1218677 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0503 | 1218678 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0504 | 1218679 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0505 | 1218680 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0506 | 1218681 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0507 | 1218682 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0508 | 1218683 | 0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0509 | 1218684 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0510 | 1218685 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0511 | 1218686 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0512 | 1218687 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0513 | 1218688 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0514 | 1218689 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0515 | 1218690 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0516 | 1218691 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0517 | 1218692 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0518 | 1218693 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0519 | 1218694 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0520 | 1218695 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0521 | 1218696 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Thomas Barrette | OV-0522 | 1218697 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0110 | 1218751 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0111 | 1218752 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0112 | 1218753 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0113 | 1218754 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0114 | 1218755 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0115 | 1218756 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0116 | 1218757 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0117 | 1218758 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0118 | 1218759 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0119 | 1218760 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0120 | 1218761 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0121 | 1218762 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0122 | 1218763 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|-----------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 14-Jul-11 | Myles Rusk | OV-0123 | 1218764 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0124 | 1218765 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 14-Jul-11 | Myles Rusk | OV-0125 | 1218766 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0126 | 1218767 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0127 | 1218768 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0128 | 1218769 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0129 | 1218770 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0130 | 1218771 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0131 | 1218772 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0132 | 1218773 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0133 | 1218774 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0134 | 1218775 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0135 | 1218776 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0136 | 1218777 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0137 | 1218778 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0138 | 1218779 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0001 | 1218780 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0002 | 1218781 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0003 | 1218782 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0004 | 1218783 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0005 | 1218784 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0006 | 1218785 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0007 | 1218786 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0008 | 1218787 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0009 | 1218788 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0010 | 1218789 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0011 | 1218790 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 15-Jul-11 | Myles Rusk | OV-0012 | 1218791 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0805 | 1218858 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0806 | 1218859 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0807 | 1218860 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0808 | 1218861 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0809 | 1218862 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0810 | 1218863 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0811 | 1218864 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|-----------------|---------------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 26-Jul-11 | Thomas Barrette | OV-0812 | 1218865 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0813 | 1218866 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0814 | 1218867 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0815 | 1218868 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0816 | 1218869 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0817 | 1218870 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0818 | 1218871 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0819 | 1218872 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0820 | 1218873 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0821 | 1218874 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0822 | 1218875 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0823 | 1218876 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Thomas Barrette | OV-0824 | 1218877 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218878 | 0.2 | <0.05 | 4 | 0.5 | <0.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218879 | 0.4 | <0.05 | 5 | 0.7 | <0.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218880 | 0.3 | <0.05 | 4 | 0.5 | <0.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218881 | 0.5 | <0.05 | 6 | 0.6 | <0.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218882 | 0.3 | <0.05 | 5 | <0.5 | <0.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218883 | 0.3 | <0.05 | 5 | 0.7 | <0.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218884 | 0.3 | <0.05 | 4 | <0.5 | <0.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218885 | 0.2 | <0.05 | 4 | 0.8 | <0.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218886 | 0.3 | <0.05 | 5 | 0.7 | <0.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218887 | 0.2 | <0.05 | 4 | 0.7 | <0.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218888 | 0.3 | <0.05 | 5 | <0.5 | <0.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218889 | 0.2 | <0.05 | 4 | 0.5 | <0.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218890 | 0.2 | <0.05 | 4 | 0.6 | <0.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218891 | 0.2 | <0.05 | 5 | 0.5 | <0.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218892 | 0.3 | <0.05 | 5 | 0.5 | <0.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218893 | 0.3 | <0.05 | 4 | 0.5 | <0.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218894 | 0.2 | 0.07 | 4 | <0.5 | <0.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218895 | 0.2 | <0.05 | 4 | 0.6 | <0.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218896 | 0.3 | <0.05 | 5 | <0.5 | <0.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218897 | 0.3 | <0.05 | 6 | <0.5 | <0.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218898 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218899 | 0.3 | <0.05 | 5 | 0.7 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|-----------------|---------------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218900 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218901 | 0.3 | <0.05 | 5 | 0.7 | <0.2 |
| 27-Jul-11 | Thomas Barrette | 3000ft (914m) | 1218902 | 0.4 | <0.05 | 5 | 0.7 | <0.2 |
| 26-Jul-11 | James Henderson | OV-0835 | 1218951 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 26-Jul-11 | James Henderson | OV-0836 | 1218952 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | James Henderson | OV-0837 | 1218953 | <0.1 | <0.05 | 4 | 0.9 | <0.2 |
| 26-Jul-11 | James Henderson | OV-0838 | 1218954 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | James Henderson | OV-0839 | 1218955 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | James Henderson | OV-0840 | 1218956 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 26-Jul-11 | James Henderson | OV-0841 | 1218957 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 26-Jul-11 | James Henderson | OV-0842 | 1218958 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 26-Jul-11 | James Henderson | OV-0843 | 1218959 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | James Henderson | OV-0844 | 1218960 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | James Henderson | OV-0845 | 1218961 | <0.1 | 0.06 | 4 | 0.8 | <0.2 |
| 26-Jul-11 | James Henderson | OV-0846 | 1218962 | <0.1 | <0.05 | 5 | 0.5 | <0.2 |
| 26-Jul-11 | James Henderson | OV-0847 | 1218963 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | James Henderson | OV-0848 | 1218964 | <0.1 | <0.05 | 5 | 0.8 | <0.2 |
| 26-Jul-11 | James Henderson | OV-0849 | 1218965 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | James Henderson | OV-0850 | 1218966 | <0.1 | <0.05 | 3 | 1 | <0.2 |
| 26-Jul-11 | James Henderson | OV-0851 | 1218967 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | James Henderson | OV-0852 | 1218968 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| | | | 1218969 | | | | | |
| | | | 1218970 | | | | | |
| 26-Jul-11 | James Henderson | OV-0853 | 1218971 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | James Henderson | OV-0854 | 1218972 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0693 | 1219123 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0694 | 1219124 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0695 | 1219125 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0696 | 1219126 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0697 | 1219127 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0698 | 1219128 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0699 | 1219129 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0700 | 1219130 | <0.1 | 0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0701 | 1219131 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|-------------------------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 23-Jul-11 | Andrew Blampin | OV-0702 | 1219132 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0703 | 1219133 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0704 | 1219134 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0705 | 1219135 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0706 | 1219136 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0707 | 1219137 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0708 | 1219138 | 0.1 | 0.07 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0709 | 1219139 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0710 | 1219140 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0711 | 1219141 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0712 | 1219142 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0713 | 1219143 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0714 | 1219144 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0715 | 1219145 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0716 | 1219146 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0717 | 1219147 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0718 | 1219148 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0719 | 1219149 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0720 | 1219150 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0721 | 1219151 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0722 | 1219152 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0723 | 1219153 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0724 | 1219154 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0725 | 1219155 | <0.1 | <0.05 | 2 | 0.7 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0726 | 1219156 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0727 | 1219157 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0728 | 1219158 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0729 | 1219159 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Andrew Blampin | OV-0730 | 1219160 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0069 | 1219161 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0070 | 1219162 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0071 | 1219163 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0072 | 1219164 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0073 | 1219165 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0074 | 1219166 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|-------------------------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0075 | 1219167 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0076 | 1219168 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0077 | 1219169 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0078 | 1219170 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0079 | 1219171 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0080 | 1219172 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0081 | 1219173 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0082 | 1219174 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0083 | 1219175 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0084 | 1219176 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0085 | 1219177 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0086 | 1219178 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0087 | 1219179 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0088 | 1219180 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 24-Jul-11 | Andrew Blampin & Conner McKay | OV-0089 | 1219181 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0731 | 1219182 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0732 | 1219183 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0733 | 1219184 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0734 | 1219185 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0735 | 1219186 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0736 | 1219187 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0737 | 1219188 | <0.1 | <0.05 | 2 | 0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0738 | 1219189 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0739 | 1219190 | <0.1 | 0.07 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0740 | 1219191 | <0.1 | 0.08 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0741 | 1219192 | <0.1 | 0.09 | 2 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0742 | 1219193 | <0.1 | 0.08 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0743 | 1219194 | <0.1 | 0.1 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0744 | 1219195 | <0.1 | 0.09 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0745 | 1219196 | <0.1 | 0.08 | 4 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0746 | 1219197 | <0.1 | 0.09 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0747 | 1219198 | 0.1 | 0.15 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0748 | 1219199 | <0.1 | 0.13 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0749 | 1219200 | <0.1 | 0.11 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0750 | 1219201 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|----------------------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0751 | 1219202 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0752 | 1219203 | <0.1 | <0.05 | 4 | 0.7 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0753 | 1219204 | 0.1 | <0.05 | 5 | 0.8 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0754 | 1219205 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0755 | 1219206 | 0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0756 | 1219207 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0757 | 1219208 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0758 | 1219209 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0759 | 1219210 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0825 | 1219211 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0826 | 1219212 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0827 | 1219213 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0828 | 1219214 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0829 | 1219215 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0830 | 1219216 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0831 | 1219217 | <0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0832 | 1219218 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0833 | 1219219 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0834 | 1219220 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 25-Jul-11 | Andrew Blampin & Ryan West | OV-0835 | 1219221 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Andrew Blampin | OV-0935 | 1219222 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Andrew Blampin | OV-0936 | 1219223 | <0.1 | <0.05 | 2 | 0.7 | <0.2 |
| 26-Jul-11 | Andrew Blampin | OV-0937 | 1219224 | <0.1 | <0.05 | 5 | 0.6 | <0.2 |
| 26-Jul-11 | Andrew Blampin | OV-0938 | 1219225 | <0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 26-Jul-11 | Andrew Blampin | OV-0939 | 1219226 | 0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 26-Jul-11 | Andrew Blampin | OV-0940 | 1219227 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Andrew Blampin | OV-0941 | 1219228 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Andrew Blampin | OV-0942 | 1219229 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Andrew Blampin | OV-0943 | 1219230 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Andrew Blampin | OV-0944 | 1219231 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Andrew Blampin | OV-0945 | 1219232 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Andrew Blampin | OV-0946 | 1219233 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 26-Jul-11 | Andrew Blampin | OV-0947 | 1219234 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Andrew Blampin | OV-0948 | 1219235 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|----------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 26-Jul-11 | Andrew Blampin | OV-0949 | 1219236 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 26-Jul-11 | Andrew Blampin | OV-0950 | 1219237 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Andrew Blampin | OV-0951 | 1219238 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Andrew Blampin | OV-0952 | 1219239 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Andrew Blampin | OV-0953 | 1219240 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Andrew Blampin | OV-0954 | 1219241 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Andrew Blampin | OV-0955 | 1219242 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Andrew Blampin | OV-0956 | 1219243 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 26-Jul-11 | Andrew Blampin | OV-0957 | 1219244 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Andrew Blampin | OV-0958 | 1219245 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Andrew Blampin | OV-0959 | 1219246 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0597 | 1219351 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0599 | 1219352 | 0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0601 | 1219353 | 0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0603 | 1219354 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0605 | 1219355 | <0.1 | <0.05 | 3 | 1.1 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0607 | 1219356 | 0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0609 | 1219357 | <0.1 | <0.05 | 3 | 1 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0611 | 1219358 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0613 | 1219359 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0615 | 1219360 | 0.1 | <0.05 | 4 | 0.7 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0617 | 1219361 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0619 | 1219362 | 0.1 | <0.05 | 3 | 1.1 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0621 | 1219363 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0623 | 1219364 | 0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0625 | 1219365 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0627 | 1219366 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0629 | 1219367 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0631 | 1219368 | 0.1 | <0.05 | 5 | 0.9 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0633 | 1219369 | <0.1 | <0.05 | 2 | 0.7 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0635 | 1219370 | <0.1 | <0.05 | 2 | 0.7 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0637 | 1219371 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0639 | 1219372 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0641 | 1219373 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|----------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 23-Jul-11 | Alec McAlister | OV-0643 | 1219374 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0645 | 1219375 | <0.1 | <0.05 | 4 | 0.7 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0647 | 1219376 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0649 | 1219377 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0651 | 1219378 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0653 | 1219379 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0655 | 1219380 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0657 | 1219381 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0659 | 1219382 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0661 | 1219383 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0663 | 1219384 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0665 | 1219385 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0667 | 1219386 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0669 | 1219387 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0671 | 1219388 | <0.1 | <0.05 | 2 | 0.5 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0673 | 1219389 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0675 | 1219390 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0677 | 1219391 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0679 | 1219392 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0681 | 1219393 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0683 | 1219394 | <0.1 | <0.05 | 2 | 0.5 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0685 | 1219395 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0687 | 1219396 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0689 | 1219397 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Alec McAlister | OV-0691 | 1219398 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0858 | 1219401 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0859 | 1219402 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0860 | 1219403 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0861 | 1219404 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0862 | 1219405 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0863 | 1219406 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0864 | 1219407 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|----------------|---------------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 26-Jul-11 | Alec McAlister | OV-0865 | 1219408 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0866 | 1219409 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0867 | 1219410 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0868 | 1219411 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0869 | 1219412 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0870 | 1219413 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0871 | 1219414 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0872 | 1219415 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0873 | 1219416 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0874 | 1219417 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0875 | 1219418 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0876 | 1219419 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0877 | 1219420 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0878 | 1219421 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0879 | 1219422 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0880 | 1219423 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0881 | 1219424 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0882 | 1219425 | <0.1 | <0.05 | 4 | 0.7 | <0.2 |
| 26-Jul-11 | Alec McAlister | OV-0883 | 1219426 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219501 | I.S. | I.S. | I.S. | I.S. | I.S. |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219502 | 0.1 | 0.05 | 3 | <0.5 | <0.2 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219503 | 0.2 | 0.06 | 3 | <0.5 | <0.2 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219504 | 0.3 | 0.06 | 5 | 0.8 | <0.2 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219505 | 0.3 | <0.05 | 5 | <0.5 | <0.2 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219506 | 0.2 | <0.05 | 4 | 0.8 | <0.2 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219507 | 0.3 | <0.05 | 4 | <0.5 | <0.2 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219508 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219509 | 0.2 | <0.05 | 4 | 0.6 | <0.2 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219510 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219511 | 0.3 | <0.05 | 4 | <0.5 | <0.2 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219512 | 0.4 | <0.05 | 5 | <0.5 | <0.2 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219513 | 0.3 | <0.05 | 4 | <0.5 | <0.2 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219514 | 0.6 | <0.05 | 8 | <0.5 | <0.2 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219515 | 0.4 | <0.05 | 8 | 0.5 | 0.2 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219516 | 0.4 | <0.05 | 5 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|----------------|---------------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219517 | 0.2 | <0.05 | 4 | 0.7 | <0.2 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219518 | 0.5 | <0.05 | 7 | <0.5 | <0.2 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219519 | 0.3 | <0.05 | 6 | <0.5 | <0.2 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219520 | 0.4 | <0.05 | 5 | <0.5 | <0.2 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219521 | 0.2 | <0.05 | 5 | 0.8 | <0.2 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219522 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219523 | 0.3 | <0.05 | 4 | <0.5 | <0.2 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219524 | 0.3 | <0.05 | 4 | 0.8 | <0.2 |
| 27-Jul-11 | Andrew Blampin | 2600ft (792m) | 1219525 | 0.2 | <0.05 | 4 | 0.9 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0898 | 1219551 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0899 | 1219552 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0900 | 1219553 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0901 | 1219554 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0902 | 1219555 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0903 | 1219556 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0904 | 1219557 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0905 | 1219558 | <0.1 | <0.05 | 4 | 0.7 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0906 | 1219559 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0907 | 1219560 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0908 | 1219561 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 26-Jul-11 | Ryan West | OV-0909 | 1219562 | <0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0421 | 1219651 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0422 | 1219652 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0423 | 1219653 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0424 | 1219654 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0425 | 1219655 | 0.1 | <0.05 | 5 | 0.7 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0426 | 1219656 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0427 | 1219657 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0428 | 1219658 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0429 | 1219659 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0430 | 1219660 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0431 | 1219661 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0432 | 1219662 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0433 | 1219663 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0434 | 1219664 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|--------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 22-Jul-11 | Kevin Trudel | OV-0435 | 1219665 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0436 | 1219666 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0437 | 1219667 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0438 | 1219668 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0439 | 1219669 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0440 | 1219670 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0441 | 1219671 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0442 | 1219672 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0443 | 1219673 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0444 | 1219674 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0445 | 1219675 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0446 | 1219676 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0447 | 1219677 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0448 | 1219678 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0449 | 1219679 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0450 | 1219680 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0451 | 1219681 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0452 | 1219682 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0453 | 1219683 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0454 | 1219684 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0455 | 1219685 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0456 | 1219686 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0457 | 1219687 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0458 | 1219688 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0459 | 1219689 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 22-Jul-11 | Kevin Trudel | OV-0460 | 1219690 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0960 | 1219691 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0961 | 1219692 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0962 | 1219693 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0963 | 1219694 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0964 | 1219695 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0965 | 1219696 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0966 | 1219697 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0967 | 1219698 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0968 | 1219699 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|--------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 23-Jul-11 | Kevin Trudel | OV-0969 | 1219700 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0970 | 1219701 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0971 | 1219702 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0972 | 1219703 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0973 | 1219704 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0974 | 1219705 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0975 | 1219706 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0976 | 1219707 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0977 | 1219708 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0978 | 1219709 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0979 | 1219710 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0980 | 1219711 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0981 | 1219712 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0982 | 1219713 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0983 | 1219714 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0984 | 1219715 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0985 | 1219716 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0986 | 1219717 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0987 | 1219718 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0988 | 1219719 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0989 | 1219720 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0990 | 1219721 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0991 | 1219722 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0992 | 1219723 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0993 | 1219724 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0994 | 1219725 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0995 | 1219726 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0996 | 1219727 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0997 | 1219728 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0998 | 1219729 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-0999 | 1219730 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-1000 | 1219731 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-1001 | 1219732 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-1002 | 1219733 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-1003 | 1219734 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |

| Date | Soil Sampler | Station | Lab Tag Number | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
|-----------|--------------|---------|----------------|--------|-------|--------|--------|--------|
| | | | | Tl_ppm | S_pct | Ga_ppm | Se_ppm | Te_ppm |
| 23-Jul-11 | Kevin Trudel | OV-1004 | 1219735 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-1005 | 1219736 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-1006 | 1219737 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-1007 | 1219738 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 23-Jul-11 | Kevin Trudel | OV-1008 | 1219739 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |

APPENDIX C
CERTIFICATES OF ANALYSIS



Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: Goldstrike Resources (Petro One Energy Corp)
1300 - 111 West Georgia Street
Vancouver BC V6E 4M3 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: August 01, 2011
Report Date: August 26, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI11000941.1

CLIENT JOB INFORMATION

Project: Oliver
Shipment ID: #3
P.O. Number
Number of Samples: 9

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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: Goldstrike Resources (Petro One Energy Corp)
1300 - 111 West Georgia Street
Vancouver BC V6E 4M3
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|---|--------------|---------------|-----|
| R200-250 | 9 | Crush, split and pulverize 250 g rock to 200 mesh | | | WHI |
| 3B | 9 | Fire assay fusion Au by ICP-ES | 30 | Completed | VAN |
| 1DX | 9 | 1:1:1 Aqua Regia digestion ICP-MS analysis | 0.5 | Completed | VAN |

ADDITIONAL COMMENTS



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



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

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Client: **Goldstrike Resources (Petro One Energy Co**
 1300 - 111 West Georgia Street
 Vancouver BC V6E 4M3 Canada

Project: Oliver
 Report Date: August 26, 2011

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

WHI11000941.1

| Method | WGHT | 3B | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|---------|------|------|------|------|--------|-------|------|------|-------|-------|------|-------|--------|------|------|-----|------|------|-------|------|-------|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | |
| Unit | kg | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | |
| MDL | 0.01 | 2 | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | |
| 1207707 | Rock | 0.52 | <2 | 0.2 | 5.1 | 19.2 | 29 | <0.1 | 10.5 | 3.1 | 398 | 1.49 | 5.1 | <0.5 | 1.3 | 3 | <0.1 | 0.1 | 0.3 | 3 | <0.01 |
| 1207708 | Rock | 0.56 | <2 | 0.2 | 4.2 | 8.6 | 15 | <0.1 | 4.6 | 4.6 | 309 | 0.69 | 3.0 | <0.5 | 7.5 | 5 | <0.1 | 0.5 | <0.1 | <2 | 0.01 |
| 1207709 | Rock | 0.77 | <2 | 0.3 | 7.9 | 57.8 | 25 | <0.1 | 20.4 | 6.3 | 2208 | 1.40 | 1.0 | <0.5 | 6.5 | 6 | 0.3 | 0.1 | 0.6 | <2 | <0.01 |
| 1207710 | Rock | 0.74 | 4 | 0.2 | 4.4 | 3.6 | 10 | <0.1 | 4.4 | 2.4 | 264 | 0.77 | 4.8 | 6.6 | 9.3 | 5 | <0.1 | 0.1 | <0.1 | <2 | <0.01 |
| 1207711 | Rock | 0.65 | 3 | 15.8 | 406.4 | 565.2 | 556 | 4.5 | 11.9 | 1.6 | 113 | 15.81 | 56.1 | 4.3 | 6.6 | 4 | 2.1 | 5.9 | 53.7 | 15 | 0.02 |
| 1207712 | Rock | 0.54 | 15 | 0.1 | 522.0 | 16.4 | 109 | 0.9 | 30.2 | 14.1 | 540 | 7.61 | 10.5 | 11.7 | 3.8 | 349 | 1.0 | 0.2 | 5.3 | 16 | 2.82 |
| 1217923 | Rock | 2.32 | 3 | 21.9 | >10000 | 2643 | 2215 | >100 | 8.0 | 31.3 | 2316 | 6.93 | 94.2 | 2.4 | 2.0 | 3 | 12.5 | 0.4 | 105.4 | 20 | 0.02 |
| 1217924 | Rock | 1.55 | <2 | 18.9 | 863.9 | 149.7 | 738 | 6.0 | 7.0 | 6.8 | 1103 | 3.70 | 48.6 | 0.6 | 3.2 | 4 | 1.8 | 0.2 | 22.8 | 15 | 0.02 |
| 1217925 | Rock | 0.93 | 4003 | 5.6 | 6560 | 1247 | 1744 | >100 | 102.1 | >2000 | 946 | 20.18 | >10000 | 3873 | 11.6 | 27 | 35.7 | 86.9 | >2000 | <2 | 0.13 |



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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Client: **Goldstrike Resources (Petro One Energy Co**
 1300 - 111 West Georgia Street
 Vancouver BC V6E 4M3 Canada

Project: Oliver
 Report Date: August 26, 2011

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

WHI11000941.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|---------|-------|-------|-----|------|------|-------|--------|------|-------|--------|------|------|-------|------|-------|-----|------|-----|------|
| Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Tl | S | Sc | Se | Ga | Te | |
| Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | |
| MDL | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 0.1 | 0.5 | 1 | 0.2 | |
| 1207707 | Rock | 0.002 | 3 | 6 | 0.19 | 46 | 0.002 | <20 | 0.44 | 0.005 | 0.07 | 0.2 | 0.02 | <0.1 | <0.05 | 0.8 | <0.5 | 1 | <0.2 |
| 1207708 | Rock | 0.007 | 18 | 3 | 0.01 | 46 | <0.001 | <20 | 0.20 | 0.007 | 0.09 | <0.1 | 0.02 | <0.1 | <0.05 | 0.4 | <0.5 | <1 | <0.2 |
| 1207709 | Rock | 0.009 | 18 | 5 | 0.08 | 207 | 0.001 | <20 | 0.29 | 0.020 | 0.07 | <0.1 | <0.01 | <0.1 | <0.05 | 0.8 | <0.5 | <1 | <0.2 |
| 1207710 | Rock | 0.006 | 15 | 2 | 0.02 | 48 | <0.001 | <20 | 0.19 | 0.011 | 0.10 | <0.1 | 0.02 | <0.1 | <0.05 | 0.4 | <0.5 | <1 | <0.2 |
| 1207711 | Rock | 0.014 | 13 | 9 | 0.03 | 47 | 0.002 | <20 | 0.37 | 0.004 | 0.10 | 0.1 | 0.03 | 0.4 | 0.06 | 0.8 | 2.9 | 4 | 0.3 |
| 1207712 | Rock | 0.078 | 5 | 16 | 0.29 | 38 | 0.058 | <20 | 4.84 | 0.414 | 0.04 | 4.9 | <0.01 | 0.6 | 4.06 | 1.8 | 1.3 | 12 | <0.2 |
| 1217923 | Rock | 0.005 | 7 | 16 | 0.21 | 93 | 0.005 | <20 | 2.02 | <0.001 | 0.01 | <0.1 | 0.01 | 0.2 | 0.54 | 2.4 | 6.0 | 10 | <0.2 |
| 1217924 | Rock | 0.007 | 7 | 15 | 0.25 | 23 | 0.003 | <20 | 1.43 | 0.001 | 0.10 | 0.1 | 0.02 | 0.2 | <0.05 | 1.5 | 0.8 | 6 | <0.2 |
| 1217925 | Rock | 0.067 | 14 | 14 | 0.21 | 4 | 0.007 | <20 | 1.92 | 0.022 | 0.09 | >100 | <0.01 | 0.5 | 8.31 | 2.5 | >100 | 19 | 0.4 |



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 1300 - 111 West Georgia Street
 Vancouver BC V6E 4M3 Canada

Project: Oliver

Report Date: August 26, 2011

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

WHI11000941.1

| Method | WGHT | 3B | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|-----|-------|-------|-------|-----|-------|-------|------|-----|-------|------|-------|------|------|------|------|------|------|--------|------|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | |
| Unit | kg | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | |
| MDL | 0.01 | 2 | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| REP G1 | QC | | 0.1 | 3.3 | 3.0 | 45 | <0.1 | 2.0 | 3.5 | 570 | 1.94 | 1.6 | 0.6 | 5.5 | 61 | <0.1 | <0.1 | 0.1 | 35 | 0.47 | |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | | 13.4 | 109.2 | 127.9 | 315 | 1.7 | 39.1 | 7.7 | 614 | 2.46 | 22.8 | 128.4 | 6.8 | 61 | 2.3 | 3.9 | 6.5 | 39 | 0.67 | |
| STD OREAS45CA | Standard | | 0.9 | 485.9 | 20.5 | 62 | 0.3 | 230.4 | 93.4 | 928 | 15.72 | 2.9 | 45.6 | 6.9 | 15 | <0.1 | <0.1 | 0.2 | 216 | 0.44 | |
| STD OXC88 | Standard | | 207 | | | | | | | | | | | | | | | | | | |
| STD OXC88 | Standard | | 194 | | | | | | | | | | | | | | | | | | |
| STD OXH82 | Standard | | 1234 | | | | | | | | | | | | | | | | | | |
| STD OXC88 Expected | | | 203 | | | | | | | | | | | | | | | | | | |
| STD OXH82 Expected | | | 1278 | | | | | | | | | | | | | | | | | | |
| STD DS8 Expected | | | 13.44 | 110 | 123 | 312 | 1.69 | 38.1 | 7.5 | 615 | 2.46 | 26 | 107 | 6.89 | 67.7 | 2.38 | 4.8 | 6.67 | 41.1 | 0.7 | |
| STD OREAS45CA Expected | | | 1 | 494 | 20 | 60 | 0.275 | 240 | 92 | 943 | 15.69 | 3.8 | 43 | 7 | 15 | 0.1 | 0.13 | 0.19 | 215 | 0.4265 | |
| BLK | Blank | | <2 | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | <2 | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | <2 | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | <2 | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| G1 | Prep Blank | | <2 | 0.1 | 3.7 | 2.9 | 47 | <0.1 | 2.3 | 4.0 | 585 | 2.00 | <0.5 | <0.5 | 5.4 | 60 | <0.1 | <0.1 | <0.1 | 36 | 0.50 |
| G1 | Prep Blank | | <2 | | | | | | | | | | | | | | | | | | |
| G1 | Prep Blank | | 0.1 | 3.4 | 3.1 | 46 | <0.1 | 2.0 | 3.8 | 570 | 2.00 | <0.5 | <0.5 | 5.7 | 63 | <0.1 | <0.1 | <0.1 | 36 | 0.50 | |



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Project: Oliver
 Report Date: August 26, 2011

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI11000941.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX |
|------------------------|--------|------|-----|--------|-----|--------|-----|-------|--------|--------|------|-------|------|--------|------|------|------|------|
| Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Tl | S | Sc | Se | Ga | Te |
| Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| MDL | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 0.1 | 0.5 | 1 | 0.2 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | |
| REP G1 QC | 0.071 | 13 | 5 | 0.48 | 155 | 0.116 | <20 | 0.90 | 0.089 | 0.45 | <0.1 | <0.01 | 0.3 | <0.05 | 2.1 | <0.5 | 4 | <0.2 |
| Reference Materials | | | | | | | | | | | | | | | | | | |
| STD DS8 Standard | 0.077 | 14 | 118 | 0.61 | 301 | 0.105 | <20 | 0.91 | 0.081 | 0.40 | 2.8 | 0.20 | 5.6 | 0.16 | 2.1 | 5.3 | 4 | 4.9 |
| STD OREAS45CA Standard | 0.038 | 16 | 755 | 0.14 | 161 | 0.121 | <20 | 3.59 | 0.006 | 0.07 | <0.1 | 0.05 | 0.1 | <0.05 | 35.5 | <0.5 | 18 | <0.2 |
| STD OXC88 Standard | | | | | | | | | | | | | | | | | | |
| STD OXC88 Standard | | | | | | | | | | | | | | | | | | |
| STD OXH82 Standard | | | | | | | | | | | | | | | | | | |
| STD OXC88 Expected | | | | | | | | | | | | | | | | | | |
| STD OXH82 Expected | | | | | | | | | | | | | | | | | | |
| STD DS8 Expected | 0.08 | 14.6 | 115 | 0.6045 | 279 | 0.113 | 2.6 | 0.93 | 0.0883 | 0.41 | 3 | 0.192 | 5.4 | 0.1679 | 2.3 | 5.23 | 4.7 | 5 |
| STD OREAS45CA Expected | 0.0385 | 15.9 | 709 | 0.1358 | 164 | 0.128 | | 3.592 | 0.0075 | 0.0717 | | 0.03 | 0.07 | 0.021 | 39.7 | 0.5 | 18.4 | |
| BLK Blank | | | | | | | | | | | | | | | | | | |
| BLK Blank | | | | | | | | | | | | | | | | | | |
| BLK Blank | | | | | | | | | | | | | | | | | | |
| BLK Blank | | | | | | | | | | | | | | | | | | |
| BLK Blank | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.05 | <0.1 | <0.5 | <1 | <0.2 |
| Prep Wash | | | | | | | | | | | | | | | | | | |
| G1 Prep Blank | 0.076 | 13 | 6 | 0.51 | 164 | 0.119 | <20 | 0.95 | 0.093 | 0.48 | 0.1 | 0.02 | 0.3 | <0.05 | 2.1 | <0.5 | 5 | <0.2 |
| G1 Prep Blank | | | | | | | | | | | | | | | | | | |
| G1 Prep Blank | 0.071 | 13 | 5 | 0.49 | 158 | 0.119 | <20 | 0.91 | 0.092 | 0.46 | <0.1 | <0.01 | 0.3 | <0.05 | 2.1 | <0.5 | 5 | <0.2 |



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Vancouver BC V6E 4M3 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: August 04, 2011
Report Date: September 14, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI11000917.1

CLIENT JOB INFORMATION

Project: OV
Shipment ID: OV RV-1
P.O. Number
Number of Samples: 16

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

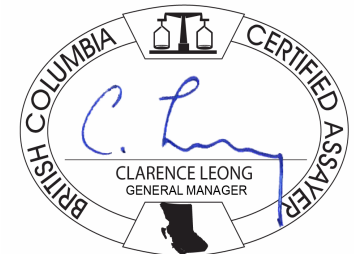
Invoice To: Goldstrike Resources (Petro One Energy Corp)
1300 - 111 West Georgia Street
Vancouver BC V6E 4M3
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include R200-250, 3B, and 1DX.

ADDITIONAL COMMENTS



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



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 Vancouver BC V6E 4M3 Canada

Project: OV
 Report Date: September 14, 2011

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

WHI11000917.1

| Method | WGHT | 3B | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|---------|------|------|------|------|--------|-------|------|------|-------|-------|------|-------|--------|-------|------|-----|------|-------|-------|------|-------|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | |
| Unit | kg | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | |
| MDL | 0.01 | 2 | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | |
| 1204261 | Rock | 2.13 | 2697 | 11.4 | 3912 | 3041 | 2573 | >100 | 358.5 | >2000 | 2510 | 23.88 | >10000 | 3154 | 11.3 | 44 | 36.7 | 122.6 | >2000 | 57 | 0.10 |
| 1204262 | Rock | 1.00 | 9 | 1.0 | 34.7 | 16.9 | 518 | 5.5 | 13.3 | 41.6 | 827 | 6.35 | 381.9 | 4.7 | 2.1 | 144 | 6.4 | 0.3 | 29.5 | 245 | 2.32 |
| 1204263 | Rock | 1.42 | 4 | 1.0 | 98.8 | 11.1 | 223 | 1.9 | 26.1 | 10.1 | 155 | 0.99 | 110.3 | 4.1 | 13.3 | 98 | 2.1 | <0.1 | 12.0 | 12 | 1.84 |
| 1204264 | Rock | 1.86 | 5 | 19.8 | 9468 | 2797 | 2115 | >100 | 7.4 | 37.8 | 2017 | 5.73 | 122.7 | 5.9 | 1.6 | 6 | 11.1 | 0.3 | 130.0 | 18 | 0.02 |
| 1204265 | Rock | 1.31 | <2 | 13.4 | 2086 | 363.0 | 598 | 15.0 | 7.5 | 10.9 | 676 | 3.00 | 1330 | 3.1 | 3.5 | 9 | 10.6 | 0.6 | 30.6 | 10 | 0.02 |
| 1204266 | Rock | 1.43 | <2 | 0.3 | 1985 | 181.2 | 1073 | 4.6 | 24.7 | 20.1 | 1194 | 3.16 | 23.5 | 1.4 | 14.9 | 17 | 2.5 | <0.1 | 2.8 | 27 | 0.17 |
| 1204267 | Rock | 2.42 | <2 | 0.9 | 421.5 | 142.5 | 1036 | 3.1 | 33.5 | 14.3 | 1830 | 6.92 | 297.0 | 2.4 | 9.0 | 15 | 3.1 | 0.4 | 5.9 | 27 | 0.06 |
| 1204268 | Rock | 2.27 | 250 | 1.7 | >10000 | 1123 | 531 | 67.1 | 9.4 | 289.2 | 104 | 23.39 | >10000 | 277.2 | 5.6 | 57 | 12.6 | 189.3 | 250.4 | 18 | <0.01 |
| 1204269 | Rock | 2.16 | 3 | 0.4 | 4416 | 366.0 | 925 | 84.3 | 16.6 | 27.0 | 2523 | 13.81 | 204.3 | 4.4 | 4.3 | 6 | 2.2 | 1.3 | 56.5 | 43 | 0.07 |
| 1204270 | Rock | 0.80 | <2 | 0.2 | 320.5 | 385.1 | 470 | 2.1 | 4.3 | 1.1 | 467 | 1.17 | 256.3 | 2.1 | 1.2 | 3 | 2.2 | 0.2 | 2.2 | 3 | 0.02 |
| 1217926 | Rock | 1.54 | <2 | 1.9 | 3095 | 1008 | 375 | 55.1 | 4.3 | 15.6 | 1769 | 5.71 | 113.7 | 4.6 | 4.7 | 4 | 1.4 | 0.3 | 61.4 | 11 | <0.01 |
| 1217927 | Rock | 1.37 | 6 | 8.7 | 3150 | 1351 | 2714 | 64.1 | 9.2 | 8.3 | 898 | 5.98 | 161.6 | 7.2 | 5.7 | 8 | 6.1 | 3.0 | 126.1 | 17 | 0.05 |
| 1217928 | Rock | 1.08 | <2 | 3.2 | >10000 | 602.2 | 407 | 5.8 | 6.6 | 4.3 | 1023 | 3.68 | 60.0 | 2.5 | 3.5 | 2 | 1.4 | <0.1 | 9.7 | 13 | 0.01 |
| 1217929 | Rock | 1.06 | <2 | 2.5 | 3047 | 1007 | 902 | 80.6 | 5.1 | 5.4 | 1007 | 6.00 | 194.2 | 8.8 | 3.9 | 5 | 2.3 | 1.4 | 88.0 | 14 | 0.02 |
| 1217930 | Rock | 1.30 | 6 | 4.8 | 6311 | 4531 | 845 | >100 | 17.6 | 379.7 | 2516 | 8.99 | 2035 | 10.2 | 0.9 | 13 | 5.0 | 0.5 | 319.5 | 12 | 0.02 |
| 1217931 | Rock | 0.96 | <2 | 1.7 | 1839 | 1620 | 433 | 14.5 | 14.0 | 30.9 | 7354 | 15.58 | 9.0 | 1.9 | 7.8 | 2 | 1.8 | <0.1 | 18.1 | 43 | 0.06 |



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 Vancouver BC V6E 4M3 Canada

Project: OV
 Report Date: September 14, 2011

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

WHI11000917.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX |
|---------|-------|-------|-----|------|------|-------|--------|------|-------|--------|------|------|-------|------|-------|------|------|-----|------|
| Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Tl | S | Sc | Se | Ga | Te | |
| Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | |
| MDL | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 0.1 | 0.5 | 1 | 0.2 | |
| 1204261 | Rock | 0.057 | 274 | 68 | 1.03 | 18 | 0.024 | <20 | 3.77 | <0.001 | 0.15 | 28.0 | 0.06 | 1.2 | 7.68 | 5.9 | 64.7 | 33 | 6.4 |
| 1204262 | Rock | 0.174 | 15 | 10 | 2.06 | 175 | 0.123 | <20 | 3.78 | 0.271 | 0.09 | <0.1 | <0.01 | 0.2 | 0.16 | 15.1 | <0.5 | 13 | <0.2 |
| 1204263 | Rock | 0.047 | 26 | 16 | 0.32 | 294 | 0.062 | <20 | 2.76 | 0.373 | 0.10 | 0.1 | <0.01 | 0.1 | 0.11 | 0.9 | 0.8 | 8 | <0.2 |
| 1204264 | Rock | 0.003 | 4 | 20 | 0.19 | 93 | 0.006 | <20 | 1.79 | <0.001 | 0.02 | <0.1 | <0.01 | 0.1 | 0.70 | 2.0 | 6.3 | 10 | <0.2 |
| 1204265 | Rock | 0.002 | 9 | 21 | 0.24 | 70 | 0.001 | <20 | 1.13 | 0.001 | 0.13 | 0.1 | <0.01 | 0.2 | 0.11 | 1.2 | 1.2 | 6 | <0.2 |
| 1204266 | Rock | 0.034 | 23 | 38 | 0.69 | 164 | 0.051 | <20 | 2.13 | 0.031 | 0.59 | 0.3 | <0.01 | 1.2 | <0.05 | 3.3 | <0.5 | 7 | <0.2 |
| 1204267 | Rock | 0.026 | 12 | 31 | 0.76 | 113 | 0.004 | <20 | 2.94 | <0.001 | 0.20 | 0.2 | <0.01 | 0.3 | 0.23 | 3.3 | <0.5 | 16 | <0.2 |
| 1204268 | Rock | 0.004 | 13 | 18 | 0.01 | 10 | 0.004 | <20 | 0.77 | <0.001 | 0.09 | 0.2 | <0.01 | 0.4 | 7.88 | 1.7 | 14.8 | 9 | 0.3 |
| 1204269 | Rock | 0.006 | 12 | 38 | 0.48 | 153 | 0.010 | <20 | 3.74 | <0.001 | 0.03 | <0.1 | <0.01 | 0.3 | <0.05 | 4.0 | 5.6 | 21 | <0.2 |
| 1204270 | Rock | 0.008 | 1 | 4 | 0.14 | 13 | <0.001 | <20 | 0.41 | 0.004 | 0.03 | <0.1 | <0.01 | <0.1 | <0.05 | 0.4 | <0.5 | 1 | <0.2 |
| 1217926 | Rock | 0.003 | 7 | 13 | 0.16 | 276 | 0.004 | <20 | 1.88 | <0.001 | 0.02 | <0.1 | <0.01 | 0.1 | 0.10 | 1.7 | 2.7 | 9 | <0.2 |
| 1217927 | Rock | 0.011 | 18 | 18 | 0.12 | 62 | 0.002 | <20 | 1.22 | <0.001 | 0.07 | <0.1 | <0.01 | 1.0 | 0.06 | 1.6 | 1.9 | 8 | <0.2 |
| 1217928 | Rock | 0.006 | 6 | 12 | 0.19 | 17 | 0.002 | <20 | 1.50 | <0.001 | 0.06 | 0.1 | <0.01 | 0.2 | <0.05 | 1.6 | <0.5 | 7 | <0.2 |
| 1217929 | Rock | 0.011 | 9 | 15 | 0.14 | 29 | 0.004 | <20 | 1.47 | <0.001 | 0.02 | <0.1 | 0.03 | 0.2 | <0.05 | 1.6 | 14.2 | 8 | <0.2 |
| 1217930 | Rock | 0.002 | 9 | 3 | 0.27 | 348 | 0.005 | <20 | 2.80 | <0.001 | 0.02 | 0.1 | 0.01 | 0.2 | 0.52 | 2.7 | 14.4 | 16 | 0.2 |
| 1217931 | Rock | 0.025 | 8 | 48 | 0.82 | 7 | 0.012 | <20 | 5.79 | <0.001 | 0.03 | <0.1 | <0.01 | <0.1 | <0.05 | 7.0 | 1.0 | 23 | <0.2 |



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Project: OV

Report Date: September 14, 2011

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

WHI11000917.1

| Method | WGHT | 3B | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | | |
|------------------------|------------|------|-----|-------|-------|-------|-----|-------|-------|------|------|-------|------|-------|------|------|------|------|------|------|--------|------|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | | |
| Unit | kg | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | | |
| MDL | 0.01 | 2 | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | | |
| 1217931 | Rock | 0.96 | <2 | 1.7 | 1839 | 1620 | 433 | 14.5 | 14.0 | 30.9 | 7354 | 15.58 | 9.0 | 1.9 | 7.8 | 2 | 1.8 | <0.1 | 18.1 | 43 | 0.06 | |
| REP 1217931 | QC | | | 1.6 | 1766 | 1635 | 435 | 10.2 | 13.9 | 29.4 | 7247 | 15.09 | 9.0 | <0.5 | 7.8 | 2 | 1.8 | <0.1 | 17.9 | 44 | 0.06 | |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | | | 13.5 | 118.0 | 126.8 | 326 | 1.6 | 39.1 | 7.8 | 647 | 2.65 | 28.6 | 90.0 | 7.0 | 66 | 2.4 | 4.1 | 6.8 | 44 | 0.66 | |
| STD DS8 | Standard | | | 14.7 | 117.5 | 135.2 | 318 | 1.7 | 40.7 | 7.7 | 614 | 2.54 | 22.6 | 123.4 | 8.3 | 70 | 2.2 | 4.0 | 6.5 | 41 | 0.75 | |
| STD OREAS45CA | Standard | | | 0.7 | 483.4 | 20.1 | 63 | 0.3 | 231.5 | 88.5 | 889 | 15.16 | 3.3 | 39.1 | 7.0 | 15 | <0.1 | <0.1 | 0.2 | 192 | 0.39 | |
| STD OREAS45CA | Standard | | | 0.7 | 519.8 | 27.0 | 69 | 0.3 | 279.7 | 93.7 | 939 | 15.88 | 4.0 | 83.0 | 9.0 | 15 | <0.1 | <0.1 | 0.2 | 212 | 0.43 | |
| STD OXC88 | Standard | | | 205 | | | | | | | | | | | | | | | | | | |
| STD OXC88 | Standard | | | 210 | | | | | | | | | | | | | | | | | | |
| STD OXH82 | Standard | | | 1377 | | | | | | | | | | | | | | | | | | |
| STD OXH82 | Standard | | | 1316 | | | | | | | | | | | | | | | | | | |
| STD OXC88 Expected | | | | 203 | | | | | | | | | | | | | | | | | | |
| STD OXH82 Expected | | | | 1278 | | | | | | | | | | | | | | | | | | |
| STD DS8 Expected | | | | 13.44 | 110 | 123 | 312 | 1.69 | 38.1 | 7.5 | 615 | 2.46 | 26 | 107 | 6.89 | 67.7 | 2.38 | 4.8 | 6.67 | 41.1 | 0.7 | |
| STD OREAS45CA Expected | | | | 1 | 494 | 20 | 60 | 0.275 | 240 | 92 | 943 | 15.69 | 3.8 | 43 | 7 | 15 | 0.1 | 0.13 | 0.19 | 215 | 0.4265 | |
| BLK | Blank | | | <2 | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | <2 | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | <2 | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | <2 | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | |
| BLK | Blank | | | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | | |
| G1 | Prep Blank | | | <2 | 0.1 | 3.0 | 3.9 | 46 | <0.1 | 2.5 | 3.8 | 573 | 1.99 | 1.0 | 1.6 | 7.5 | 71 | <0.1 | <0.1 | 0.1 | 36 | 0.56 |
| G1 | Prep Blank | | | <2 | 0.1 | 6.9 | 4.8 | 49 | 0.5 | 3.0 | 5.1 | 630 | 2.17 | 17.6 | 2.3 | 8.0 | 77 | <0.1 | <0.1 | 4.5 | 38 | 0.71 |



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1300 - 111 West Georgia Street
Vancouver BC V6E 4M3 Canada

Project: OV

Report Date: September 14, 2011

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI11000917.1

| Method | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | 1DX | |
|------------------------|------------|--------|------|------|--------|-------|--------|------|-------|--------|--------|------|-------|------|--------|------|------|------|------|
| Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Tl | S | Sc | Se | Ga | Te | |
| Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | |
| MDL | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 20 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 0.1 | 0.5 | 1 | 0.2 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | |
| 1217931 | Rock | 0.025 | 8 | 48 | 0.82 | 7 | 0.012 | <20 | 5.79 | <0.001 | 0.03 | <0.1 | <0.01 | <0.1 | <0.05 | 7.0 | 1.0 | 23 | <0.2 |
| REP 1217931 | QC | 0.025 | 8 | 47 | 0.80 | 7 | 0.012 | <20 | 5.64 | <0.001 | 0.03 | <0.1 | <0.01 | <0.1 | <0.05 | 6.8 | 0.6 | 22 | <0.2 |
| Reference Materials | | | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | 0.086 | 16 | 125 | 0.65 | 293 | 0.123 | <20 | 0.99 | 0.094 | 0.45 | 2.9 | 0.19 | 5.6 | 0.18 | 2.3 | 5.4 | 5 | 5.0 |
| STD DS8 | Standard | 0.069 | 17 | 123 | 0.62 | 286 | 0.122 | <20 | 0.98 | 0.100 | 0.43 | 2.4 | 0.22 | 5.9 | 0.16 | 2.3 | 4.3 | 5 | 5.1 |
| STD OREAS45CA | Standard | 0.034 | 16 | 717 | 0.13 | 156 | 0.126 | <20 | 3.69 | 0.013 | 0.08 | <0.1 | 0.04 | <0.1 | <0.05 | 33.8 | 0.6 | 18 | <0.2 |
| STD OREAS45CA | Standard | 0.035 | 18 | 717 | 0.16 | 165 | 0.125 | <20 | 3.96 | 0.006 | 0.08 | <0.1 | 0.03 | 0.1 | <0.05 | 38.7 | <0.5 | 21 | <0.2 |
| STD OXC88 | Standard | | | | | | | | | | | | | | | | | | |
| STD OXC88 | Standard | | | | | | | | | | | | | | | | | | |
| STD OXH82 | Standard | | | | | | | | | | | | | | | | | | |
| STD OXH82 | Standard | | | | | | | | | | | | | | | | | | |
| STD OXC88 Expected | | | | | | | | | | | | | | | | | | | |
| STD OXH82 Expected | | | | | | | | | | | | | | | | | | | |
| STD DS8 Expected | | 0.08 | 14.6 | 115 | 0.6045 | 279 | 0.113 | 2.6 | 0.93 | 0.0883 | 0.41 | 3 | 0.192 | 5.4 | 0.1679 | 2.3 | 5.23 | 4.7 | 5 |
| STD OREAS45CA Expected | | 0.0385 | 15.9 | 709 | 0.1358 | 164 | 0.128 | | 3.592 | 0.0075 | 0.0717 | | 0.03 | 0.07 | 0.021 | 39.7 | 0.5 | 18.4 | |
| BLK | Blank | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | | | | | | |
| BLK | Blank | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.05 | <0.1 | <0.5 | <1 | <0.2 |
| BLK | Blank | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 | <20 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.05 | <0.1 | <0.5 | <1 | <0.2 |
| Prep Wash | | | | | | | | | | | | | | | | | | | |
| G1 | Prep Blank | 0.070 | 16 | 12 | 0.51 | 158 | 0.130 | <20 | 1.03 | 0.114 | 0.50 | 0.1 | <0.01 | 0.3 | <0.05 | 2.2 | <0.5 | 5 | <0.2 |
| G1 | Prep Blank | 0.075 | 17 | 14 | 0.61 | 166 | 0.143 | <20 | 1.17 | 0.130 | 0.54 | 0.2 | <0.01 | 0.3 | <0.05 | 2.4 | <0.5 | 6 | <0.2 |



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Client: Goldstrike Resources (Petro One Energy Corp)
1300 - 111 West Georgia Street
Vancouver BC V6E 4M3 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: July 20, 2011
Report Date: August 05, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI11000674.1

CLIENT JOB INFORMATION

Project: Oliver
Shipment ID:
P.O. Number
Number of Samples: 6

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

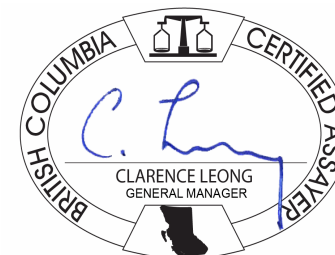
Invoice To: Goldstrike Resources (Petro One Energy Corp)
1300 - 111 West Georgia Street
Vancouver BC V6E 4M3
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|--|--------------|---------------|-----|
| R200-250 | 6 | Crush, split and pulverize 250 g rock to 200 mesh | | | WHI |
| 3A | 6 | Ignite samples, acid digest, Au by ICP-MS analysis | 15 | Completed | VAN |
| 1DD | 6 | 1:1:1 Aqua Regia digestion ICP-ES analysis | 0.5 | Completed | VAN |

ADDITIONAL COMMENTS



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



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 1300 - 111 West Georgia Street
 Vancouver BC V6E 4M3 Canada

Project: Oliver
 Report Date: August 05, 2011

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

WHI11000674.1

| Method | WGHT | 3A | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | |
|---------|------|------|------|-----|-----|-----|-----|------|-----|-----|------|------|-----|-----|-----|-----|-----|------|-----|-----|----|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | |
| Unit | kg | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | |
| MDL | 0.01 | 0.5 | 1 | 1 | 3 | 1 | 0.3 | 1 | 1 | 2 | 0.01 | 2 | 8 | 2 | 2 | 1 | 0.5 | 3 | 3 | 1 | |
| 1207701 | Rock | 0.99 | 8.1 | <1 | 5 | 6 | 29 | <0.3 | 13 | 5 | 599 | 2.21 | 9 | <8 | 3 | 6 | 53 | <0.5 | <3 | <3 | 8 |
| 1207702 | Rock | 0.59 | 1.0 | <1 | 4 | 9 | 17 | <0.3 | 4 | 2 | 578 | 1.22 | 3 | <8 | <2 | 6 | 30 | <0.5 | <3 | <3 | 6 |
| 1207703 | Rock | 0.80 | <0.5 | <1 | 4 | <3 | 11 | <0.3 | 4 | 2 | 97 | 1.09 | 5 | <8 | <2 | 5 | 6 | <0.5 | <3 | <3 | 3 |
| 1207704 | Rock | 0.80 | <0.5 | <1 | 6 | 5 | 22 | <0.3 | 7 | 2 | 297 | 1.29 | 3 | <8 | <2 | 5 | 6 | <0.5 | <3 | <3 | 3 |
| 1207705 | Rock | 0.65 | 0.6 | <1 | <1 | 6 | 170 | <0.3 | 60 | 21 | 1009 | 7.27 | 3 | <8 | <2 | 4 | 10 | <0.5 | <3 | 8 | 28 |
| 1207706 | Rock | 1.01 | 1.7 | <1 | 304 | <3 | 66 | <0.3 | 21 | 10 | 695 | 1.73 | <2 | <8 | <2 | 3 | 7 | <0.5 | <3 | <3 | 5 |



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Project: Oliver
 Report Date: August 05, 2011

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

WHI11000674.1

| Method | | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D |
|---------|------|------|-------|-----|-----|------|-----|-------|-----|------|-------|------|-----|-------|
| Analyte | | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | S |
| Unit | | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | % |
| MDL | | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.01 | 20 | 0.01 | 0.01 | 0.01 | 2 | 0.05 |
| 1207701 | Rock | 1.42 | 0.010 | 15 | 9 | 0.89 | 63 | <0.01 | <20 | 0.30 | 0.03 | 0.11 | <2 | <0.05 |
| 1207702 | Rock | 0.84 | 0.007 | 11 | 7 | 0.35 | 56 | <0.01 | <20 | 0.12 | 0.03 | 0.02 | <2 | <0.05 |
| 1207703 | Rock | 0.02 | 0.010 | 10 | 4 | 0.02 | 20 | <0.01 | <20 | 0.25 | <0.01 | 0.04 | <2 | <0.05 |
| 1207704 | Rock | 0.01 | 0.006 | 12 | 5 | 0.02 | 48 | <0.01 | <20 | 0.28 | 0.01 | 0.10 | <2 | <0.05 |
| 1207705 | Rock | 0.08 | 0.033 | 10 | 19 | 1.93 | 36 | 0.01 | <20 | 3.74 | 0.04 | 0.07 | <2 | <0.05 |
| 1207706 | Rock | 0.37 | 0.025 | 21 | 8 | 0.70 | 99 | <0.01 | <20 | 1.00 | <0.01 | 0.11 | <2 | <0.05 |



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Project: Oliver

Report Date: August 05, 2011

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

WHI11000674.1

| Method | WGHT | 3A | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D |
|-------------------------|------------|-------|-------|-----|-----|-----|-------|------|-----|-----|-------|------|-----|-------|------|------|------|------|------|------|----|
| Analyte | Wgt | Au | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | |
| Unit | kg | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | |
| MDL | 0.01 | 0.5 | 1 | 1 | 3 | 1 | 0.3 | 1 | 1 | 2 | 0.01 | 2 | 8 | 2 | 2 | 1 | 0.5 | 3 | 3 | 1 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 1207705 | Rock | 0.65 | 0.6 | <1 | <1 | 6 | 170 | <0.3 | 60 | 21 | 1009 | 7.27 | 3 | <8 | <2 | 4 | 10 | <0.5 | <3 | 8 | 28 |
| REP 1207705 | QC | | <0.5 | | | | | | | | | | | | | | | | | | |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD CDN-GS-P3A | Standard | 369.8 | | | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | | 14 | 107 | 126 | 331 | 1.6 | 39 | 7 | 622 | 2.50 | 25 | <8 | 3 | 6 | 67 | 2.2 | 4 | 9 | 42 | |
| STD OREAS45CA | Standard | | 1 | 527 | 13 | 58 | <0.3 | 253 | 94 | 951 | 16.10 | 3 | <8 | 3 | 7 | 16 | <0.5 | <3 | 4 | 211 | |
| STD DS8 Expected | | | 13.44 | 110 | 123 | 312 | 1.69 | 38.1 | 7.5 | 615 | 2.46 | 26 | 2.8 | 0.107 | 6.89 | 67.7 | 2.38 | 4.8 | 6.67 | 41.1 | |
| STD OREAS45CA Expected | | | 1 | 494 | 20 | 60 | 0.275 | 240 | 92 | 943 | 15.69 | 3.8 | 1.2 | 0.043 | 7 | 15 | 0.1 | 0.13 | 0.19 | 215 | |
| STD CDN-GS-P3A Expected | | 338 | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | | <1 | <1 | <3 | <1 | <0.3 | <1 | <1 | <2 | <0.01 | <2 | <8 | <2 | <2 | <1 | <0.5 | <3 | <3 | <1 | |
| BLK | Blank | <0.5 | | | | | | | | | | | | | | | | | | | |
| BLK | Blank | <0.5 | | | | | | | | | | | | | | | | | | | |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| G1 | Prep Blank | <0.5 | <1 | <1 | <3 | 50 | <0.3 | 4 | 4 | 579 | 2.04 | 2 | <8 | 2 | 5 | 82 | <0.5 | <3 | <3 | 39 | |



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Project: Oliver

Report Date: August 05, 2011

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI11000674.1

| Method | | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | 1D | |
|-------------------------|------------|--------|--------|------|-----|--------|-----|-------|-----|-------|--------|--------|-----|--------|
| Analyte | | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | S |
| Unit | | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | % |
| MDL | | 0.01 | 0.001 | 1 | 1 | 0.01 | 1 | 0.01 | 20 | 0.01 | 0.01 | 0.01 | 2 | 0.05 |
| Pulp Duplicates | | | | | | | | | | | | | | |
| 1207705 | Rock | 0.08 | 0.033 | 10 | 19 | 1.93 | 36 | 0.01 | <20 | 3.74 | 0.04 | 0.07 | <2 | <0.05 |
| REP 1207705 | QC | | | | | | | | | | | | | |
| Reference Materials | | | | | | | | | | | | | | |
| STD CDN-GS-P3A | Standard | | | | | | | | | | | | | |
| STD DS8 | Standard | 0.71 | 0.081 | 14 | 113 | 0.61 | 301 | 0.11 | <20 | 0.92 | 0.09 | 0.42 | 3 | 0.17 |
| STD OREAS45CA | Standard | 0.44 | 0.047 | 17 | 744 | 0.14 | 164 | 0.14 | <20 | 3.73 | 0.01 | 0.07 | <2 | <0.05 |
| STD DS8 Expected | | 0.7 | 0.08 | 14.6 | 115 | 0.6045 | 279 | 0.113 | 2.6 | 0.93 | 0.0883 | 0.41 | 3 | 0.1679 |
| STD OREAS45CA Expected | | 0.4265 | 0.0385 | 15.9 | 709 | 0.1358 | 164 | 0.128 | | 3.592 | 0.0075 | 0.0717 | | 0.021 |
| STD CDN-GS-P3A Expected | | | | | | | | | | | | | | |
| BLK | Blank | <0.01 | <0.001 | <1 | <1 | <0.01 | <1 | <0.01 | <20 | <0.01 | <0.01 | <0.01 | <2 | <0.05 |
| BLK | Blank | | | | | | | | | | | | | |
| BLK | Blank | | | | | | | | | | | | | |
| Prep Wash | | | | | | | | | | | | | | |
| G1 | Prep Blank | 0.60 | 0.078 | 11 | 7 | 0.60 | 236 | 0.13 | <20 | 1.13 | 0.12 | 0.52 | <2 | <0.05 |



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

To: DRUID EXPLORATION INC.
 BOX 1485
 DAWSON CITY YT Y0B 1G0

Page: 1
 Finalized Date: 5-APR-2011
 This copy reported on
 6-APR-2011
 Account: DRUEXP

CERTIFICATE WH11040389


Project: OLIVER
 P.O. No.:
 This report is for 1 Rock sample submitted to our lab in Whitehorse, YT, Canada on 21-MAR-2011.
 The following have access to data associated with this certificate:
 BILL CHORNOBAY DAITHI MAC GEARILT

| SAMPLE PREPARATION | |
|--------------------|--------------------------------|
| ALS CODE | DESCRIPTION |
| WEI-21 | Received Sample Weight |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| LOG-21 | Sample logging - ClientBarCode |
| PUL-31 | Pulverize split to 85% <75 um |
| CRU-QC | Crushing QC Test |
| PUL-QC | Pulverizing QC Test |

| ANALYTICAL PROCEDURES | | |
|-----------------------|-------------------------------|------------|
| ALS CODE | DESCRIPTION | INSTRUMENT |
| Au-ICP22 | Au 50g FA ICP-AES finish | ICP-AES |
| ME-ICP41 | 35 Element Aqua Regia ICP-AES | ICP-AES |

To: DRUID EXPLORATION INC.
 ATTN: DAITHI MAC GEARILT
 BOX 1485
 DAWSON CITY YT Y0B 1G0

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

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A
 Total # Pages: 2 (A - C)
 Finalized Date: 5-APR-2011
 Account: DRUEXP

Project: OLIVER

CERTIFICATE OF ANALYSIS WH11040389

| Sample Description | Method Analyte Units LOR | WEI-21 Recvd Wt. kg | ME-ICP41 Ag ppm | ME-ICP41 Al % | ME-ICP41 As ppm | ME-ICP41 B ppm | ME-ICP41 Ba ppm | ME-ICP41 Be ppm | ME-ICP41 Bi ppm | ME-ICP41 Ca % | ME-ICP41 Cd ppm | ME-ICP41 Co ppm | ME-ICP41 Cr ppm | ME-ICP41 Cu ppm | ME-ICP41 Fe % | ME-ICP41 Ga ppm |
|--------------------|--------------------------|---------------------------|-----------------------|---------------------|-----------------------|----------------------|-----------------------|-----------------------|-----------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------|-----------------------|
| I128451 | | 0.48 | <0.2 | 0.17 | 17 | <10 | 20 | <0.5 | 2 | 1.54 | <0.5 | 2 | 5 | 9 | 11.35 | <10 |



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Page: 2 - B
 Total # Pages: 2 (A - C)
 Finalized Date: 5-APR-2011
 Account: DRUEXP

Project: OLIVER

CERTIFICATE OF ANALYSIS WH11040389

| Sample Description | Method Analyte Units LOR | ME-ICP41 Hg ppm 1 | ME-ICP41 K % 0.01 | ME-ICP41 La ppm 10 | ME-ICP41 Mg % 0.01 | ME-ICP41 Mn ppm 5 | ME-ICP41 Mo ppm 1 | ME-ICP41 Na % 0.01 | ME-ICP41 Ni ppm 1 | ME-ICP41 P ppm 10 | ME-ICP41 Pb ppm 2 | ME-ICP41 S % 0.01 | ME-ICP41 Sb ppm 2 | ME-ICP41 Sc ppm 1 | ME-ICP41 Sr ppm 1 | ME-ICP41 Th ppm 20 |
|--------------------|-----------------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| I128451 | | <1 | 0.05 | <10 | 0.61 | 567 | <1 | 0.03 | 6 | 60 | 8 | >10.0 | 4 | 1 | 52 | <20 |



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Page: 2 - C
 Total # Pages: 2 (A - C)
 Finalized Date: 5-APR-2011
 Account: DRUEXP

Project: OLIVER

CERTIFICATE OF ANALYSIS WH11040389

| Sample Description | Method Analyte Units LOR | ME-ICP41 Ti % | ME-ICP41 Ti ppm | ME-ICP41 U ppm | ME-ICP41 V ppm | ME-ICP41 W ppm | ME-ICP41 Zn ppm | Au-ICP22 Au ppm |
|--------------------|--------------------------|---------------------|-----------------------|----------------------|----------------------|----------------------|-----------------------|-----------------------|
| I128451 | | <0.01 | <10 | <10 | 4 | <10 | 25 | 0.007 |



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Client: Goldstrike Resources (Petro One Energy Corp)
1300 - 111 West Georgia Street
Vancouver BC V6E 4M3 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: August 01, 2011
Report Date: August 28, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI11000990.1

CLIENT JOB INFORMATION

Project: Oliver
Shipment ID: #3
P.O. Number
Number of Samples: 24

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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: Goldstrike Resources (Petro One Energy Corp)
1300 - 111 West Georgia Street
Vancouver BC V6E 4M3
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

ADDITIONAL COMMENTS



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



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Client: **Goldstrike Resources (Petro One Energy Co**
 1300 - 111 West Georgia Street
 Vancouver BC V6E 4M3 Canada

Project: Oliver
 Report Date: August 28, 2011

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

WHI11000990.1

| 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 | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | |
| | | | | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | | | |
| | | | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1217735 | Soil | | | 0.7 | 5.1 | 11.4 | 18 | <0.1 | 4.8 | 1.8 | 52 | 1.25 | 5.2 | <0.5 | 1.8 | 10 | <0.1 | 0.3 | 0.2 | 36 | 0.07 | 0.018 | 14 | |
| 1217736 | Soil | | | 0.9 | 7.5 | 8.1 | 32 | <0.1 | 11.5 | 3.9 | 105 | 1.54 | 3.8 | 0.6 | 4.6 | 7 | <0.1 | 0.4 | 0.2 | 31 | 0.04 | 0.016 | 21 | |
| 1217737 | Soil | | | 1.0 | 18.6 | 11.8 | 57 | <0.1 | 18.3 | 6.0 | 165 | 2.56 | 10.4 | 1.3 | 6.2 | 9 | <0.1 | 0.8 | 0.2 | 37 | 0.05 | 0.020 | 18 | |
| 1217738 | Soil | | | 0.9 | 8.3 | 9.1 | 34 | <0.1 | 10.4 | 3.9 | 103 | 1.78 | 7.5 | 2.0 | 3.8 | 8 | <0.1 | 0.8 | 0.2 | 45 | 0.04 | 0.015 | 16 | |
| 1217739 | Soil | | | 0.9 | 7.9 | 7.9 | 48 | <0.1 | 13.2 | 5.0 | 141 | 2.06 | 9.3 | <0.5 | 3.5 | 7 | 0.1 | 0.7 | 0.1 | 40 | 0.04 | 0.020 | 12 | |
| 1217740 | Soil | | | 1.0 | 13.0 | 8.1 | 31 | <0.1 | 13.8 | 5.1 | 104 | 2.10 | 5.1 | 0.8 | 6.3 | 10 | <0.1 | 0.5 | 0.3 | 35 | 0.04 | 0.017 | 29 | |
| 1217741 | Soil | | | 1.1 | 26.8 | 9.0 | 55 | <0.1 | 20.4 | 7.7 | 137 | 2.58 | 6.5 | 2.6 | 10.9 | 11 | <0.1 | 0.8 | 0.3 | 25 | 0.03 | 0.022 | 33 | |
| 1217742 | Soil | | | 0.9 | 21.3 | 9.6 | 45 | <0.1 | 15.5 | 5.8 | 118 | 2.26 | 5.5 | 1.0 | 6.9 | 11 | <0.1 | 0.6 | 0.2 | 27 | 0.04 | 0.022 | 30 | |
| 1217743 | Soil | | | 0.8 | 20.3 | 10.2 | 46 | <0.1 | 21.9 | 7.6 | 152 | 2.22 | 10.6 | 3.8 | 5.4 | 11 | <0.1 | 2.7 | 0.2 | 35 | 0.06 | 0.018 | 15 | |
| 1217744 | Soil | | | 1.4 | 26.4 | 11.5 | 55 | <0.1 | 24.8 | 10.2 | 199 | 2.92 | 8.9 | 11.5 | 11.1 | 11 | 0.1 | 1.1 | 0.2 | 29 | 0.04 | 0.016 | 28 | |
| 1217745 | Soil | | | 1.3 | 36.8 | 12.1 | 68 | <0.1 | 30.9 | 12.9 | 215 | 3.13 | 8.2 | 2.2 | 11.8 | 11 | <0.1 | 0.8 | 0.3 | 27 | 0.04 | 0.018 | 35 | |
| 1217746 | Soil | | | 1.0 | 13.7 | 10.5 | 43 | <0.1 | 14.1 | 5.9 | 150 | 2.24 | 9.8 | 1.3 | 3.0 | 10 | 0.2 | 0.6 | 0.2 | 42 | 0.10 | 0.049 | 16 | |
| 1217747 | Soil | | | 0.6 | 16.2 | 11.2 | 33 | 0.1 | 9.9 | 3.2 | 85 | 1.82 | 7.5 | 2.2 | 0.6 | 10 | 0.3 | 0.3 | 0.2 | 37 | 0.09 | 0.128 | 14 | |
| 1217748 | Soil | | | 1.0 | 38.0 | 10.1 | 57 | <0.1 | 21.2 | 8.0 | 179 | 3.10 | 5.5 | 1.5 | 14.0 | 9 | <0.1 | 0.5 | 0.3 | 27 | 0.04 | 0.021 | 39 | |
| 1217749 | Soil | | | 1.0 | 16.3 | 10.5 | 38 | 0.1 | 18.0 | 7.1 | 173 | 2.28 | 9.5 | 5.8 | 4.2 | 9 | <0.1 | 0.7 | 0.2 | 49 | 0.07 | 0.019 | 15 | |
| 1217750 | Soil | | | 1.5 | 13.2 | 11.6 | 41 | 0.1 | 17.4 | 8.8 | 175 | 2.70 | 13.2 | 3.1 | 4.5 | 8 | <0.1 | 0.8 | 0.2 | 56 | 0.07 | 0.027 | 13 | |
| 1217951 | Soil | | | 1.2 | 14.1 | 10.7 | 52 | <0.1 | 27.8 | 11.4 | 192 | 2.82 | 14.8 | 0.7 | 5.3 | 9 | <0.1 | 0.8 | 0.2 | 53 | 0.07 | 0.041 | 14 | |
| 1217952 | Soil | | | 0.9 | 8.7 | 9.1 | 40 | <0.1 | 12.3 | 5.2 | 146 | 2.22 | 6.9 | 0.8 | 4.0 | 8 | <0.1 | 0.3 | 0.2 | 49 | 0.06 | 0.035 | 17 | |
| 1217953 | Soil | | | 1.3 | 57.0 | 6.5 | 46 | <0.1 | 26.0 | 10.2 | 149 | 2.92 | 5.5 | 0.9 | 12.3 | 10 | <0.1 | 0.5 | 0.4 | 24 | 0.03 | 0.020 | 40 | |
| 1217954 | Soil | | | 0.8 | 32.8 | 9.0 | 40 | <0.1 | 18.8 | 7.3 | 166 | 2.19 | 11.1 | 4.7 | 5.5 | 8 | <0.1 | 0.7 | 0.2 | 39 | 0.06 | 0.015 | 17 | |
| 1217955 | Soil | | | 0.9 | 13.8 | 7.5 | 49 | <0.1 | 13.2 | 5.0 | 126 | 2.13 | 9.3 | 4.0 | 3.9 | 8 | <0.1 | 0.6 | 0.2 | 48 | 0.06 | 0.025 | 15 | |
| 1217956 | Soil | | | 0.8 | 10.1 | 8.8 | 31 | <0.1 | 11.1 | 5.7 | 112 | 1.89 | 7.5 | 5.2 | 4.3 | 9 | <0.1 | 0.4 | 0.2 | 42 | 0.06 | 0.024 | 15 | |
| 1217957 | Soil | | | 0.8 | 11.1 | 7.4 | 27 | 0.2 | 11.7 | 5.6 | 117 | 1.70 | 7.2 | 2.5 | 3.8 | 7 | <0.1 | 0.4 | 0.2 | 36 | 0.07 | 0.020 | 16 | |
| 1217958 | Soil | | | 0.9 | 9.4 | 6.9 | 25 | 0.1 | 10.0 | 4.5 | 111 | 1.62 | 7.3 | 1.9 | 4.0 | 7 | <0.1 | 0.4 | 0.1 | 35 | 0.06 | 0.017 | 16 | |



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Project: Oliver
 Report Date: August 28, 2011

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

WHI11000990.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1217735 | Soil | 11 | 0.14 | 157 | 0.019 | <1 | 0.80 | 0.004 | 0.04 | 0.1 | 0.01 | 1.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217736 | Soil | 14 | 0.16 | 128 | 0.015 | <1 | 0.91 | 0.004 | 0.03 | <0.1 | 0.01 | 1.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217737 | Soil | 22 | 0.33 | 136 | 0.025 | <1 | 1.26 | 0.006 | 0.04 | 0.1 | 0.03 | 2.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217738 | Soil | 14 | 0.14 | 83 | 0.032 | 1 | 0.95 | 0.004 | 0.03 | 0.1 | 0.02 | 1.1 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1217739 | Soil | 17 | 0.24 | 99 | 0.023 | <1 | 1.10 | 0.004 | 0.03 | 0.2 | <0.01 | 1.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217740 | Soil | 13 | 0.15 | 98 | 0.011 | <1 | 0.93 | 0.004 | 0.03 | 0.1 | 0.03 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217741 | Soil | 16 | 0.28 | 126 | 0.013 | <1 | 0.96 | 0.005 | 0.04 | <0.1 | 0.04 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217742 | Soil | 15 | 0.22 | 158 | 0.011 | <1 | 0.95 | 0.006 | 0.04 | <0.1 | 0.03 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217743 | Soil | 22 | 0.38 | 180 | 0.029 | <1 | 1.33 | 0.007 | 0.04 | 0.2 | 0.03 | 2.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217744 | Soil | 18 | 0.30 | 147 | 0.021 | <1 | 1.11 | 0.007 | 0.05 | 0.1 | 0.08 | 3.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217745 | Soil | 18 | 0.29 | 158 | 0.017 | <1 | 0.94 | 0.004 | 0.04 | 0.1 | 0.05 | 2.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217746 | Soil | 19 | 0.32 | 205 | 0.028 | 1 | 1.13 | 0.005 | 0.03 | 0.2 | 0.02 | 1.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217747 | Soil | 22 | 0.26 | 189 | 0.018 | 1 | 1.14 | 0.005 | 0.03 | 0.2 | 0.05 | 1.4 | <0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 1217748 | Soil | 23 | 0.60 | 102 | 0.018 | <1 | 1.40 | 0.004 | 0.03 | 0.1 | 0.03 | 1.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217749 | Soil | 26 | 0.36 | 181 | 0.032 | <1 | 1.54 | 0.005 | 0.03 | 0.2 | 0.02 | 2.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217750 | Soil | 27 | 0.36 | 147 | 0.034 | 1 | 1.76 | 0.005 | 0.04 | 0.2 | 0.02 | 2.2 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1217951 | Soil | 29 | 0.42 | 219 | 0.031 | <1 | 2.03 | 0.005 | 0.05 | 0.2 | 0.04 | 2.4 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1217952 | Soil | 20 | 0.29 | 129 | 0.023 | <1 | 1.20 | 0.004 | 0.03 | 0.1 | 0.01 | 1.4 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1217953 | Soil | 15 | 0.22 | 94 | 0.008 | <1 | 0.91 | 0.003 | 0.04 | <0.1 | 0.02 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217954 | Soil | 23 | 0.37 | 157 | 0.034 | 1 | 1.29 | 0.004 | 0.03 | 0.2 | 0.02 | 2.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217955 | Soil | 20 | 0.27 | 119 | 0.035 | <1 | 1.06 | 0.004 | 0.03 | 0.2 | 0.01 | 1.5 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1217956 | Soil | 18 | 0.25 | 127 | 0.025 | <1 | 1.16 | 0.004 | 0.03 | 0.1 | <0.01 | 1.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217957 | Soil | 14 | 0.21 | 109 | 0.023 | 1 | 0.93 | 0.004 | 0.03 | 0.2 | 0.03 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217958 | Soil | 15 | 0.21 | 90 | 0.027 | <1 | 0.87 | 0.003 | 0.04 | 0.2 | 0.01 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |



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Project: Oliver

Report Date: August 28, 2011

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

WHI11000990.1

| Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|------|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | |
| Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 1217952 | Soil | 0.9 | 8.7 | 9.1 | 40 | <0.1 | 12.3 | 5.2 | 146 | 2.22 | 6.9 | 0.8 | 4.0 | 8 | <0.1 | 0.3 | 0.2 | 49 | 0.06 | 0.035 | 17 |
| REP 1217952 | QC | 0.9 | 8.9 | 8.8 | 40 | <0.1 | 11.7 | 5.5 | 146 | 2.21 | 7.0 | <0.5 | 4.2 | 8 | <0.1 | 0.4 | 0.2 | 50 | 0.06 | 0.036 | 17 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | 12.8 | 103.8 | 124.0 | 313 | 1.8 | 35.0 | 7.2 | 607 | 2.47 | 23.9 | 120.9 | 7.6 | 77 | 2.3 | 6.5 | 7.1 | 39 | 0.72 | 0.076 | 18 |
| STD DS8 | Standard | 14.4 | 116.5 | 127.3 | 313 | 1.9 | 41.1 | 8.0 | 637 | 2.51 | 25.2 | 111.8 | 7.4 | 74 | 2.4 | 6.0 | 6.8 | 46 | 0.72 | 0.078 | 18 |
| STD DS8 Expected | | 13.44 | 110 | 123 | 312 | 1.69 | 38.1 | 7.5 | 615 | 2.46 | 26 | 107 | 6.89 | 67.7 | 2.38 | 5.7 | 6.67 | 41.1 | 0.7 | 0.08 | 14.6 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |



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1300 - 111 West Georgia Street
Vancouver BC V6E 4M3 Canada

Project: Oliver

Report Date: August 28, 2011

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI11000990.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------------------|----------|-------|--------|-------|--------|-------|-------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | |
| 1217952 | Soil | 20 | 0.29 | 129 | 0.023 | <1 | 1.20 | 0.004 | 0.03 | 0.1 | 0.01 | 1.4 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| REP 1217952 | QC | 21 | 0.29 | 130 | 0.025 | <1 | 1.22 | 0.004 | 0.03 | 0.1 | 0.01 | 1.5 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| Reference Materials | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | 112 | 0.61 | 287 | 0.128 | 2 | 0.94 | 0.098 | 0.44 | 3.0 | 0.21 | 2.2 | 5.3 | 0.17 | 5 | 4.2 | 4.8 |
| STD DS8 | Standard | 126 | 0.68 | 283 | 0.137 | 2 | 0.95 | 0.087 | 0.42 | 2.9 | 0.20 | 2.5 | 5.3 | 0.15 | 5 | 5.0 | 4.5 |
| STD DS8 Expected | | 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 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |



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Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: August 01, 2011
Report Date: November 18, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS

WHI11000989.1

CLIENT JOB INFORMATION

Project: Oliver
Shipment ID: #3
P.O. Number
Number of Samples: 321

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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: Goldstrike Resources (Petro One Energy Corp)
1300 - 111 West Georgia Street
Vancouver BC V6E 4M3
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

ADDITIONAL COMMENTS



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



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 1300 - 111 West Georgia Street
 Vancouver BC V6E 4M3 Canada

Project: Oliver
 Report Date: November 18, 2011

Page: 2 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000989.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | MDL | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1218858 | Soil | 1.0 | 25.9 | 12.3 | 58 | <0.1 | 18.7 | 8.5 | 271 | 2.59 | 9.3 | 4.0 | 8.7 | 13 | 0.1 | 0.8 | 0.3 | 36 | 0.07 | 0.022 | 24 |
| 1218859 | Soil | 0.7 | 30.0 | 11.0 | 53 | <0.1 | 18.9 | 7.4 | 235 | 2.26 | 9.2 | 1.9 | 7.2 | 12 | <0.1 | 0.8 | 0.2 | 31 | 0.07 | 0.021 | 21 |
| 1218860 | Soil | 0.6 | 14.5 | 10.3 | 43 | <0.1 | 15.3 | 7.6 | 207 | 2.10 | 8.9 | 3.9 | 5.1 | 8 | <0.1 | 0.8 | 0.2 | 25 | 0.05 | 0.049 | 15 |
| 1218861 | Soil | 0.8 | 29.2 | 15.7 | 64 | <0.1 | 22.9 | 9.8 | 256 | 2.55 | 6.1 | 12.6 | 7.3 | 11 | <0.1 | 0.7 | 0.2 | 24 | 0.05 | 0.028 | 27 |
| 1218862 | Soil | 0.8 | 23.9 | 12.6 | 60 | <0.1 | 20.6 | 7.9 | 216 | 2.49 | 6.9 | 1.1 | 7.4 | 10 | 0.1 | 0.7 | 0.2 | 23 | 0.04 | 0.023 | 26 |
| 1218863 | Soil | 1.0 | 23.9 | 11.4 | 63 | <0.1 | 20.1 | 6.9 | 266 | 2.15 | 8.5 | 2.1 | 6.2 | 17 | 0.1 | 0.7 | 0.2 | 27 | 0.15 | 0.042 | 20 |
| 1218864 | Soil | 1.1 | 20.4 | 13.4 | 62 | <0.1 | 19.1 | 7.4 | 278 | 2.23 | 8.5 | 1.5 | 3.9 | 12 | 0.2 | 0.8 | 0.2 | 28 | 0.09 | 0.041 | 19 |
| 1218865 | Soil | 0.7 | 20.4 | 11.3 | 58 | 0.1 | 20.5 | 9.7 | 302 | 2.04 | 6.6 | 12.0 | 3.6 | 21 | <0.1 | 0.6 | 0.2 | 25 | 0.18 | 0.051 | 21 |
| 1218866 | Soil | 0.6 | 8.5 | 8.1 | 42 | 0.2 | 11.7 | 5.2 | 180 | 1.34 | 3.4 | 1.6 | 1.4 | 17 | 0.1 | 0.3 | 0.1 | 18 | 0.15 | 0.058 | 18 |
| 1218867 | Soil | 0.8 | 32.9 | 19.7 | 46 | 0.2 | 14.3 | 7.7 | 273 | 2.50 | 9.2 | 3.6 | 8.5 | 27 | <0.1 | 0.3 | 0.4 | 13 | 0.21 | 0.050 | 45 |
| 1218868 | Soil | 0.9 | 31.1 | 17.6 | 51 | 0.1 | 19.2 | 8.4 | 272 | 2.71 | 10.3 | 14.5 | 6.9 | 18 | <0.1 | 0.5 | 0.3 | 19 | 0.09 | 0.043 | 34 |
| 1218869 | Soil | 1.0 | 37.8 | 19.1 | 44 | 0.2 | 12.6 | 6.0 | 215 | 2.58 | 7.5 | 3.3 | 8.7 | 14 | <0.1 | 0.4 | 0.4 | 14 | 0.07 | 0.049 | 41 |
| 1218870 | Soil | 1.3 | 42.1 | 19.3 | 80 | <0.1 | 27.5 | 18.7 | 280 | 4.14 | 12.4 | 1.7 | 25.2 | 18 | 0.1 | 0.6 | 0.5 | 10 | 0.02 | 0.035 | 63 |
| 1218871 | Soil | 1.0 | 38.7 | 17.6 | 62 | 0.1 | 20.3 | 8.8 | 186 | 3.40 | 7.2 | 11.7 | 14.3 | 15 | <0.1 | 0.6 | 0.4 | 14 | 0.05 | 0.039 | 48 |
| 1218872 | Soil | 0.9 | 42.2 | 15.0 | 60 | <0.1 | 22.6 | 10.2 | 168 | 3.08 | 6.1 | 4.1 | 10.3 | 12 | <0.1 | 0.5 | 0.3 | 15 | 0.05 | 0.037 | 44 |
| 1218873 | Soil | 0.7 | 30.2 | 11.6 | 44 | <0.1 | 17.7 | 8.3 | 223 | 2.27 | 11.0 | 11.0 | 8.2 | 7 | <0.1 | 0.7 | 0.2 | 22 | 0.03 | 0.021 | 18 |
| 1218874 | Soil | 0.8 | 34.3 | 14.9 | 55 | <0.1 | 24.7 | 10.8 | 199 | 2.78 | 7.7 | 3.7 | 14.0 | 9 | <0.1 | 0.5 | 0.3 | 17 | 0.04 | 0.028 | 42 |
| 1218875 | Soil | 0.5 | 13.6 | 6.3 | 39 | <0.1 | 13.3 | 4.7 | 158 | 1.31 | 7.2 | 9.7 | 3.7 | 10 | 0.1 | 0.8 | <0.1 | 14 | 0.09 | 0.046 | 10 |
| 1218876 | Soil | 0.9 | 16.2 | 10.4 | 39 | <0.1 | 12.7 | 5.2 | 133 | 2.27 | 7.3 | 0.9 | 8.6 | 8 | <0.1 | 0.5 | 0.2 | 20 | 0.04 | 0.030 | 27 |
| 1218877 | Soil | 0.6 | 22.8 | 9.2 | 50 | <0.1 | 20.7 | 7.9 | 257 | 1.95 | 8.1 | 26.6 | 8.4 | 10 | 0.1 | 0.7 | 0.1 | 18 | 0.07 | 0.037 | 24 |
| 1218878 | Soil | 1.1 | 77.6 | 62.4 | 303 | 0.7 | 25.9 | 12.5 | 552 | 2.63 | 59.0 | 2.4 | 4.7 | 19 | 2.4 | 0.6 | 5.0 | 32 | 0.14 | 0.049 | 21 |
| 1218879 | Soil | 1.2 | 129.1 | 72.0 | 323 | 0.7 | 27.2 | 26.8 | 1188 | 3.46 | 37.1 | 2.0 | 6.9 | 16 | 1.5 | 0.8 | 7.5 | 33 | 0.11 | 0.056 | 23 |
| 1218880 | Soil | 1.3 | 107.6 | 48.1 | 380 | 0.2 | 25.7 | 33.1 | 1487 | 2.95 | 20.3 | 5.1 | 5.1 | 16 | 2.2 | 0.7 | 1.8 | 36 | 0.12 | 0.052 | 18 |
| 1218881 | Soil | 1.2 | 64.3 | 32.4 | 206 | 0.3 | 20.2 | 12.2 | 512 | 3.24 | 74.0 | 2.1 | 4.0 | 18 | 1.0 | 0.8 | 13.7 | 40 | 0.11 | 0.051 | 18 |
| 1218882 | Soil | 0.9 | 43.7 | 63.6 | 224 | 0.6 | 16.3 | 10.0 | 443 | 2.27 | 41.9 | 7.1 | 1.3 | 16 | 1.7 | 0.6 | 4.4 | 36 | 0.14 | 0.046 | 16 |
| 1218883 | Soil | 1.3 | 81.3 | 129.2 | 323 | 1.5 | 17.7 | 8.6 | 574 | 2.11 | 15.5 | 0.7 | 1.4 | 17 | 4.0 | 0.6 | 4.1 | 33 | 0.16 | 0.057 | 22 |
| 1218884 | Soil | 0.9 | 54.1 | 88.6 | 467 | 0.9 | 20.4 | 12.5 | 512 | 2.92 | 51.4 | 1.5 | 7.9 | 14 | 1.5 | 0.8 | 2.6 | 32 | 0.10 | 0.033 | 18 |
| 1218885 | Soil | 1.2 | 49.6 | 118.6 | 414 | 0.9 | 17.5 | 12.7 | 676 | 2.89 | 57.9 | 10.2 | 5.5 | 10 | 0.8 | 1.0 | 2.3 | 33 | 0.08 | 0.036 | 16 |
| 1218886 | Soil | 1.1 | 98.8 | 43.5 | 479 | 0.9 | 23.5 | 13.8 | 616 | 2.58 | 36.3 | 9.3 | 5.1 | 17 | 3.5 | 0.8 | 3.6 | 32 | 0.11 | 0.041 | 21 |
| 1218887 | Soil | 0.9 | 72.6 | 28.9 | 284 | 0.7 | 17.5 | 8.5 | 306 | 2.42 | 39.1 | 3.2 | 6.9 | 12 | 1.2 | 0.8 | 1.9 | 37 | 0.07 | 0.022 | 19 |

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Project: Oliver
 Report Date: November 18, 2011

Page: 2 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000989.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1218858 | Soil | 23 | 0.44 | 192 | 0.036 | 1 | 1.38 | 0.011 | 0.05 | 0.2 | 0.04 | 3.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218859 | Soil | 20 | 0.40 | 255 | 0.028 | 1 | 1.10 | 0.007 | 0.04 | 0.1 | 0.05 | 3.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218860 | Soil | 15 | 0.31 | 93 | 0.012 | <1 | 0.96 | 0.004 | 0.04 | 0.1 | 0.01 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218861 | Soil | 16 | 0.40 | 123 | 0.021 | <1 | 1.12 | 0.005 | 0.08 | 0.1 | 0.02 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218862 | Soil | 16 | 0.39 | 116 | 0.020 | <1 | 1.05 | 0.006 | 0.07 | <0.1 | 0.03 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218863 | Soil | 18 | 0.37 | 345 | 0.023 | <1 | 0.95 | 0.007 | 0.04 | 0.1 | 0.04 | 2.2 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1218864 | Soil | 17 | 0.32 | 199 | 0.017 | <1 | 0.99 | 0.005 | 0.05 | 0.1 | 0.03 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218865 | Soil | 15 | 0.33 | 353 | 0.011 | 1 | 0.94 | 0.006 | 0.04 | 0.2 | 0.05 | 2.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218866 | Soil | 13 | 0.28 | 192 | 0.012 | <1 | 0.81 | 0.007 | 0.04 | 0.2 | 0.05 | 1.2 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218867 | Soil | 15 | 0.39 | 90 | 0.005 | <1 | 0.93 | 0.006 | 0.05 | 0.1 | 0.06 | 1.0 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1218868 | Soil | 18 | 0.41 | 89 | 0.007 | <1 | 0.97 | 0.006 | 0.04 | 0.2 | 0.02 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218869 | Soil | 15 | 0.37 | 88 | 0.004 | <1 | 0.98 | 0.005 | 0.04 | <0.1 | 0.06 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218870 | Soil | 18 | 0.63 | 42 | 0.003 | <1 | 1.29 | 0.005 | 0.05 | <0.1 | 0.01 | 1.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218871 | Soil | 17 | 0.48 | 88 | 0.006 | <1 | 1.05 | 0.006 | 0.05 | <0.1 | 0.03 | 1.3 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1218872 | Soil | 14 | 0.38 | 89 | 0.004 | <1 | 0.93 | 0.004 | 0.04 | <0.1 | 0.05 | 1.4 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1218873 | Soil | 14 | 0.30 | 73 | 0.018 | <1 | 0.81 | 0.008 | 0.05 | 0.2 | 0.04 | 1.6 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218874 | Soil | 15 | 0.40 | 73 | 0.009 | <1 | 0.99 | 0.005 | 0.05 | <0.1 | 0.04 | 1.5 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1218875 | Soil | 8 | 0.19 | 63 | 0.011 | <1 | 0.49 | 0.003 | 0.03 | 0.1 | 0.02 | 0.9 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 1218876 | Soil | 13 | 0.29 | 88 | 0.008 | <1 | 0.88 | 0.004 | 0.04 | 0.1 | 0.01 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218877 | Soil | 13 | 0.29 | 90 | 0.015 | <1 | 0.77 | 0.004 | 0.06 | 0.3 | 0.02 | 1.6 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218878 | Soil | 27 | 0.42 | 133 | 0.020 | <1 | 1.26 | 0.008 | 0.08 | 0.5 | 0.02 | 1.7 | 0.2 | <0.05 | 4 | 0.5 | <0.2 |
| 1218879 | Soil | 25 | 0.42 | 126 | 0.024 | <1 | 1.50 | 0.005 | 0.10 | 0.9 | 0.03 | 2.0 | 0.4 | <0.05 | 5 | 0.7 | <0.2 |
| 1218880 | Soil | 26 | 0.42 | 121 | 0.030 | <1 | 1.55 | 0.006 | 0.08 | 0.5 | 0.03 | 1.9 | 0.3 | <0.05 | 4 | 0.5 | <0.2 |
| 1218881 | Soil | 27 | 0.45 | 131 | 0.032 | <1 | 1.56 | 0.009 | 0.11 | 2.0 | 0.02 | 1.9 | 0.5 | <0.05 | 6 | 0.6 | <0.2 |
| 1218882 | Soil | 24 | 0.42 | 146 | 0.019 | <1 | 1.31 | 0.007 | 0.06 | 0.5 | 0.03 | 1.6 | 0.3 | <0.05 | 5 | <0.5 | <0.2 |
| 1218883 | Soil | 21 | 0.37 | 213 | 0.014 | <1 | 1.29 | 0.007 | 0.08 | 0.2 | 0.04 | 1.3 | 0.3 | <0.05 | 5 | 0.7 | <0.2 |
| 1218884 | Soil | 22 | 0.44 | 128 | 0.017 | <1 | 1.41 | 0.005 | 0.08 | 0.5 | 0.02 | 1.7 | 0.3 | <0.05 | 4 | <0.5 | <0.2 |
| 1218885 | Soil | 21 | 0.39 | 104 | 0.018 | <1 | 1.28 | 0.005 | 0.06 | 0.3 | 0.03 | 1.6 | 0.2 | <0.05 | 4 | 0.8 | <0.2 |
| 1218886 | Soil | 23 | 0.45 | 183 | 0.013 | <1 | 1.48 | 0.006 | 0.10 | 0.3 | 0.03 | 2.0 | 0.3 | <0.05 | 5 | 0.7 | <0.2 |
| 1218887 | Soil | 22 | 0.41 | 130 | 0.022 | <1 | 1.40 | 0.006 | 0.05 | 0.3 | 0.02 | 2.2 | 0.2 | <0.05 | 4 | 0.7 | <0.2 |

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Project: Oliver
 Report Date: November 18, 2011

Page: 3 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000989.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | MDL | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1218888 | Soil | 0.9 | 87.3 | 104.1 | 844 | 0.9 | 24.4 | 10.8 | 843 | 2.75 | 33.5 | 1.4 | 10.2 | 21 | 4.1 | 0.5 | 1.6 | 26 | 0.15 | 0.044 | 32 |
| 1218889 | Soil | 0.9 | 72.9 | 120.0 | 585 | 0.9 | 20.8 | 11.4 | 868 | 2.63 | 42.9 | 6.2 | 8.6 | 17 | 3.9 | 0.7 | 1.7 | 25 | 0.10 | 0.036 | 31 |
| 1218890 | Soil | 0.7 | 179.7 | 120.1 | 387 | 6.3 | 14.8 | 6.8 | 343 | 2.34 | 105.5 | 4.0 | 7.6 | 10 | 1.4 | 0.7 | 2.4 | 30 | 0.09 | 0.023 | 19 |
| 1218891 | Soil | 0.9 | 116.9 | 50.8 | 344 | 0.4 | 18.9 | 13.8 | 1058 | 2.92 | 88.6 | 1.2 | 6.4 | 10 | 1.1 | 0.7 | 2.5 | 34 | 0.10 | 0.044 | 18 |
| 1218892 | Soil | 1.3 | 372.0 | 148.7 | 1594 | 2.6 | 36.7 | 23.8 | 2279 | 2.85 | 135.4 | 2.3 | 15.0 | 33 | 12.7 | 0.7 | 5.0 | 23 | 0.26 | 0.046 | 40 |
| 1218893 | Soil | 1.2 | 424.6 | 45.2 | 2417 | 1.4 | 35.4 | 24.4 | 885 | 3.19 | 154.0 | 4.3 | 11.2 | 34 | 18.9 | 1.4 | 9.3 | 23 | 0.17 | 0.058 | 27 |
| 1218894 | Soil | 0.9 | 35.8 | 65.9 | 365 | 1.4 | 13.9 | 6.0 | 361 | 2.14 | 141.1 | 1.8 | 2.5 | 15 | 3.4 | 0.7 | 1.3 | 30 | 0.15 | 0.050 | 15 |
| 1218895 | Soil | 0.8 | 162.2 | 38.9 | 684 | 0.6 | 19.5 | 8.0 | 395 | 2.40 | 45.5 | 7.5 | 5.7 | 15 | 4.4 | 0.8 | 5.5 | 33 | 0.13 | 0.039 | 20 |
| 1218896 | Soil | 1.0 | 94.4 | 26.1 | 346 | 0.8 | 16.9 | 7.9 | 314 | 2.47 | 25.5 | 1.3 | 5.8 | 12 | 1.8 | 0.6 | 5.2 | 38 | 0.08 | 0.033 | 18 |
| 1218897 | Soil | 1.1 | 66.5 | 31.7 | 262 | 0.9 | 14.4 | 7.4 | 412 | 2.50 | 29.3 | 8.6 | 4.8 | 19 | 1.9 | 0.5 | 5.1 | 41 | 0.10 | 0.036 | 20 |
| 1218898 | Soil | 1.1 | 65.7 | 37.3 | 354 | 0.2 | 15.4 | 10.1 | 507 | 2.87 | 46.6 | 4.6 | 3.5 | 9 | 4.2 | 0.7 | 2.4 | 39 | 0.08 | 0.037 | 19 |
| 1218899 | Soil | 0.9 | 95.1 | 29.9 | 376 | 0.7 | 24.4 | 9.8 | 373 | 2.59 | 69.2 | 2.7 | 2.9 | 25 | 2.6 | 0.6 | 5.2 | 35 | 0.16 | 0.049 | 26 |
| 1218900 | Soil | 0.9 | 68.8 | 31.1 | 182 | 0.6 | 16.0 | 6.2 | 257 | 2.17 | 36.2 | <0.5 | 0.7 | 11 | 2.8 | 0.5 | 2.5 | 34 | 0.08 | 0.071 | 24 |
| 1218901 | Soil | 0.9 | 85.3 | 29.3 | 388 | 0.9 | 19.7 | 9.3 | 314 | 2.50 | 140.7 | 7.5 | 2.3 | 19 | 2.5 | 0.6 | 11.3 | 32 | 0.16 | 0.052 | 17 |
| 1218902 | Soil | 1.1 | 95.2 | 19.0 | 973 | 0.7 | 22.8 | 9.8 | 307 | 2.92 | 50.1 | 24.6 | 5.7 | 24 | 8.0 | 0.6 | 22.8 | 33 | 0.19 | 0.040 | 21 |
| 1218471 | Soil | 0.9 | 11.1 | 9.5 | 44 | <0.1 | 13.0 | 5.5 | 150 | 1.99 | 14.7 | 2.0 | 4.0 | 6 | <0.1 | 0.7 | 0.2 | 27 | 0.06 | 0.027 | 11 |
| 1218472 | Soil | 0.7 | 10.2 | 10.2 | 36 | <0.1 | 9.7 | 4.4 | 158 | 2.00 | 9.8 | 1.8 | 1.1 | 7 | <0.1 | 0.5 | 0.2 | 38 | 0.06 | 0.041 | 14 |
| 1218473 | Soil | 0.8 | 19.2 | 17.6 | 53 | <0.1 | 17.8 | 9.2 | 257 | 2.33 | 10.9 | 1.3 | 5.6 | 11 | <0.1 | 0.6 | 0.2 | 27 | 0.07 | 0.044 | 24 |
| 1218474 | Soil | 1.0 | 24.6 | 14.2 | 51 | <0.1 | 16.9 | 10.3 | 283 | 2.27 | 10.9 | 5.1 | 4.9 | 16 | <0.1 | 0.6 | 0.3 | 22 | 0.09 | 0.067 | 26 |
| 1218475 | Soil | 1.5 | 19.5 | 22.0 | 51 | <0.1 | 13.5 | 6.7 | 243 | 2.63 | 12.4 | 0.9 | 7.4 | 16 | <0.1 | 0.6 | 0.4 | 29 | 0.05 | 0.057 | 30 |
| 1218476 | Soil | 0.9 | 19.2 | 14.2 | 38 | <0.1 | 13.2 | 5.5 | 149 | 2.10 | 8.4 | 2.4 | 1.6 | 11 | <0.1 | 0.5 | 0.3 | 23 | 0.05 | 0.043 | 23 |
| 1218477 | Soil | 0.8 | 31.9 | 27.4 | 64 | <0.1 | 16.8 | 7.4 | 191 | 3.15 | 6.8 | 1.2 | 10.0 | 18 | <0.1 | 0.3 | 0.5 | 11 | 0.04 | 0.061 | 60 |
| 1218478 | Soil | 1.3 | 21.5 | 20.8 | 53 | <0.1 | 14.2 | 5.3 | 158 | 2.85 | 5.0 | 2.0 | 12.6 | 17 | <0.1 | 0.4 | 0.3 | 15 | 0.06 | 0.042 | 51 |
| 1218479 | Soil | 1.0 | 31.9 | 20.0 | 58 | <0.1 | 30.9 | 13.8 | 198 | 2.81 | 7.1 | 4.0 | 15.5 | 13 | <0.1 | 0.6 | 0.3 | 17 | 0.03 | 0.025 | 43 |
| 1218480 | Soil | 0.8 | 26.4 | 16.6 | 54 | <0.1 | 24.7 | 11.6 | 271 | 2.64 | 9.3 | 5.2 | 14.0 | 11 | <0.1 | 0.6 | 0.2 | 24 | 0.05 | 0.034 | 30 |
| 1218481 | Soil | 0.9 | 21.3 | 13.2 | 45 | <0.1 | 13.7 | 5.5 | 139 | 2.14 | 6.2 | 4.5 | 9.4 | 12 | <0.1 | 0.5 | 0.2 | 16 | 0.03 | 0.023 | 38 |
| 1218482 | Soil | 0.9 | 21.9 | 12.7 | 52 | <0.1 | 16.0 | 7.7 | 240 | 2.21 | 6.7 | 11.1 | 9.0 | 12 | <0.1 | 0.5 | 0.2 | 18 | 0.05 | 0.031 | 34 |
| 1218483 | Soil | 0.8 | 10.5 | 7.8 | 37 | <0.1 | 11.3 | 4.3 | 138 | 1.90 | 9.0 | 5.2 | 3.5 | 7 | <0.1 | 0.7 | 0.1 | 25 | 0.06 | 0.031 | 14 |
| 1218484 | Soil | 0.7 | 8.7 | 9.9 | 33 | <0.1 | 8.8 | 3.5 | 108 | 1.71 | 7.4 | 1.0 | 2.8 | 8 | 0.1 | 0.4 | 0.2 | 29 | 0.08 | 0.035 | 13 |
| 1218485 | Soil | 0.8 | 23.7 | 17.6 | 48 | <0.1 | 21.7 | 9.8 | 254 | 2.63 | 8.0 | 1.8 | 8.5 | 8 | <0.1 | 0.8 | 0.2 | 23 | 0.06 | 0.029 | 27 |

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Project: Oliver
 Report Date: November 18, 2011

Page: 3 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000989.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1218888 | Soil | 22 | 0.56 | 136 | 0.014 | <1 | 1.54 | 0.008 | 0.11 | 0.2 | 0.02 | 2.2 | 0.3 | <0.05 | 5 | <0.5 | <0.2 |
| 1218889 | Soil | 20 | 0.44 | 156 | 0.009 | <1 | 1.36 | 0.005 | 0.08 | 0.1 | 0.03 | 2.0 | 0.2 | <0.05 | 4 | 0.5 | <0.2 |
| 1218890 | Soil | 20 | 0.39 | 124 | 0.012 | <1 | 1.37 | 0.006 | 0.05 | 0.2 | 0.03 | 1.8 | 0.2 | <0.05 | 4 | 0.6 | <0.2 |
| 1218891 | Soil | 23 | 0.47 | 80 | 0.019 | <1 | 1.48 | 0.005 | 0.06 | 0.1 | 0.02 | 2.0 | 0.2 | <0.05 | 5 | 0.5 | <0.2 |
| 1218892 | Soil | 27 | 0.56 | 164 | 0.007 | <1 | 1.51 | 0.007 | 0.11 | 0.2 | 0.02 | 2.0 | 0.3 | <0.05 | 5 | 0.5 | <0.2 |
| 1218893 | Soil | 19 | 0.45 | 106 | 0.012 | <1 | 1.34 | 0.005 | 0.08 | 0.2 | 0.02 | 1.9 | 0.3 | <0.05 | 4 | 0.5 | <0.2 |
| 1218894 | Soil | 18 | 0.33 | 173 | 0.008 | <1 | 1.20 | 0.004 | 0.04 | 0.2 | 0.04 | 1.4 | 0.2 | 0.07 | 4 | <0.5 | <0.2 |
| 1218895 | Soil | 21 | 0.41 | 158 | 0.023 | 1 | 1.24 | 0.006 | 0.06 | 2.1 | 0.02 | 2.4 | 0.2 | <0.05 | 4 | 0.6 | <0.2 |
| 1218896 | Soil | 21 | 0.37 | 104 | 0.019 | 1 | 1.35 | 0.005 | 0.07 | 1.0 | 0.02 | 1.7 | 0.3 | <0.05 | 5 | <0.5 | <0.2 |
| 1218897 | Soil | 19 | 0.24 | 128 | 0.019 | 1 | 1.14 | 0.006 | 0.07 | 0.7 | 0.02 | 1.3 | 0.3 | <0.05 | 6 | <0.5 | <0.2 |
| 1218898 | Soil | 22 | 0.36 | 116 | 0.018 | <1 | 1.30 | 0.005 | 0.06 | 0.3 | 0.02 | 1.5 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| 1218899 | Soil | 25 | 0.42 | 234 | 0.014 | 1 | 1.52 | 0.007 | 0.08 | 0.4 | 0.04 | 2.1 | 0.3 | <0.05 | 5 | 0.7 | <0.2 |
| 1218900 | Soil | 19 | 0.28 | 169 | 0.012 | 2 | 1.27 | 0.007 | 0.06 | 0.2 | 0.02 | 1.0 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| 1218901 | Soil | 22 | 0.44 | 174 | 0.023 | <1 | 1.36 | 0.009 | 0.10 | 1.9 | 0.03 | 1.7 | 0.3 | <0.05 | 5 | 0.7 | <0.2 |
| 1218902 | Soil | 24 | 0.48 | 174 | 0.032 | 1 | 1.47 | 0.007 | 0.13 | 3.8 | 0.01 | 2.1 | 0.4 | <0.05 | 5 | 0.7 | <0.2 |
| 1218471 | Soil | 15 | 0.25 | 72 | 0.014 | <1 | 1.07 | 0.003 | 0.03 | 0.2 | 0.03 | 1.3 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1218472 | Soil | 19 | 0.28 | 98 | 0.019 | <1 | 1.12 | 0.004 | 0.03 | 0.2 | 0.04 | 1.4 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218473 | Soil | 17 | 0.35 | 109 | 0.015 | <1 | 1.13 | 0.005 | 0.04 | 0.2 | 0.03 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218474 | Soil | 14 | 0.35 | 67 | 0.010 | <1 | 0.97 | 0.004 | 0.04 | <0.1 | 0.04 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218475 | Soil | 17 | 0.34 | 72 | 0.014 | <1 | 1.15 | 0.006 | 0.04 | 0.1 | 0.02 | 1.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218476 | Soil | 14 | 0.27 | 89 | 0.009 | <1 | 0.91 | 0.004 | 0.03 | 0.1 | 0.04 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218477 | Soil | 14 | 0.44 | 45 | 0.003 | <1 | 1.16 | 0.005 | 0.06 | <0.1 | 0.03 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218478 | Soil | 14 | 0.41 | 75 | 0.004 | <1 | 1.11 | 0.004 | 0.05 | <0.1 | 0.01 | 0.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218479 | Soil | 16 | 0.44 | 76 | 0.007 | <1 | 1.25 | 0.005 | 0.05 | <0.1 | 0.03 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218480 | Soil | 19 | 0.44 | 86 | 0.014 | <1 | 1.25 | 0.005 | 0.05 | 0.1 | 0.02 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218481 | Soil | 13 | 0.38 | 94 | 0.006 | <1 | 1.01 | 0.004 | 0.04 | 0.1 | 0.02 | 1.2 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1218482 | Soil | 13 | 0.39 | 155 | 0.010 | 1 | 0.96 | 0.004 | 0.05 | <0.1 | 0.02 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218483 | Soil | 13 | 0.24 | 91 | 0.015 | <1 | 0.73 | 0.003 | 0.03 | 0.2 | 0.01 | 1.1 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1218484 | Soil | 16 | 0.25 | 80 | 0.019 | 1 | 0.99 | 0.004 | 0.05 | 0.2 | 0.02 | 1.3 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1218485 | Soil | 15 | 0.35 | 93 | 0.013 | <1 | 1.18 | 0.003 | 0.11 | <0.1 | 0.03 | 1.3 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |

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Project: Oliver
 Report Date: November 18, 2011

Page: 4 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000989.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | MDL | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1218486 | Soil | 0.8 | 54.1 | 28.5 | 70 | 0.1 | 29.8 | 13.1 | 467 | 3.86 | 7.2 | 7.3 | 18.1 | 40 | <0.1 | 1.1 | 0.3 | 13 | 0.40 | 0.056 | 65 |
| 1218487 | Soil | 0.6 | 12.9 | 8.0 | 44 | <0.1 | 14.1 | 6.4 | 256 | 1.71 | 9.6 | 2.4 | 3.0 | 18 | <0.1 | 0.6 | 0.1 | 21 | 0.21 | 0.063 | 13 |
| 1218488 | Soil | 0.8 | 10.9 | 11.4 | 33 | <0.1 | 11.0 | 3.9 | 116 | 1.60 | 7.1 | 1.0 | 1.5 | 8 | <0.1 | 0.6 | 0.2 | 24 | 0.07 | 0.037 | 15 |
| 1218489 | Soil | 0.7 | 15.2 | 10.2 | 42 | <0.1 | 16.6 | 6.4 | 162 | 1.85 | 8.8 | 1.2 | 4.2 | 7 | <0.1 | 0.7 | 0.1 | 28 | 0.06 | 0.019 | 11 |
| 1218490 | Soil | 1.0 | 32.6 | 24.2 | 67 | 0.1 | 37.3 | 15.4 | 671 | 3.60 | 6.1 | 10.4 | 11.8 | 62 | 0.2 | 3.3 | 0.3 | 11 | 2.92 | 0.103 | 56 |
| 1218491 | Soil | 0.8 | 60.6 | 30.3 | 58 | 0.1 | 11.6 | 5.1 | 301 | 3.99 | 2.7 | 4.6 | 11.5 | 63 | <0.1 | 0.7 | 0.4 | 14 | 0.44 | 0.029 | 28 |
| 1218492 | Soil | 0.6 | 25.9 | 16.3 | 59 | <0.1 | 23.9 | 9.6 | 215 | 2.52 | 8.2 | 2.8 | 10.1 | 6 | 0.1 | 0.6 | 0.2 | 22 | 0.04 | 0.017 | 31 |
| 1218493 | Soil | 0.7 | 17.7 | 8.7 | 41 | <0.1 | 15.1 | 6.8 | 220 | 1.93 | 11.9 | 1.3 | 4.8 | 6 | <0.1 | 0.8 | 0.1 | 26 | 0.05 | 0.028 | 16 |
| 1218494 | Soil | 0.8 | 23.7 | 11.4 | 52 | <0.1 | 20.6 | 7.7 | 173 | 2.36 | 11.6 | 11.6 | 9.1 | 8 | <0.1 | 0.8 | 0.2 | 25 | 0.04 | 0.016 | 25 |
| 1218495 | Soil | 1.0 | 17.1 | 9.5 | 47 | <0.1 | 20.9 | 7.2 | 158 | 1.84 | 10.1 | 1.5 | 5.3 | 6 | <0.1 | 0.8 | 0.1 | 25 | 0.04 | 0.016 | 15 |
| 1218496 | Soil | 1.0 | 21.2 | 12.8 | 56 | 0.1 | 19.4 | 7.2 | 176 | 3.11 | 23.8 | 1.7 | 9.9 | 9 | <0.1 | 0.6 | 0.2 | 28 | 0.02 | 0.048 | 27 |
| 1218497 | Soil | 0.8 | 26.2 | 12.7 | 50 | 0.1 | 17.6 | 6.4 | 156 | 2.49 | 10.0 | 2.0 | 10.6 | 12 | <0.1 | 0.6 | 0.3 | 23 | 0.03 | 0.021 | 27 |
| 1218498 | Soil | 0.8 | 29.4 | 13.2 | 46 | <0.1 | 14.7 | 7.1 | 176 | 2.32 | 8.8 | 1.7 | 9.7 | 10 | <0.1 | 0.7 | 0.3 | 27 | 0.04 | 0.021 | 26 |
| 1218499 | Soil | 1.2 | 17.6 | 10.0 | 49 | <0.1 | 15.8 | 5.8 | 143 | 2.38 | 10.6 | 1.6 | 4.7 | 10 | 0.1 | 0.7 | 0.2 | 34 | 0.05 | 0.040 | 16 |
| 1218500 | Soil | 1.0 | 24.7 | 10.9 | 52 | <0.1 | 14.1 | 6.5 | 165 | 2.40 | 7.1 | 2.1 | 9.8 | 11 | 0.1 | 0.5 | 0.3 | 24 | 0.04 | 0.021 | 27 |
| 1218441 | Soil | 0.5 | 22.7 | 10.3 | 51 | <0.1 | 19.9 | 9.1 | 358 | 2.17 | 8.5 | 4.1 | 7.4 | 12 | <0.1 | 0.6 | 0.2 | 30 | 0.11 | 0.026 | 25 |
| 1218442 | Soil | 0.6 | 24.9 | 14.8 | 60 | <0.1 | 22.5 | 8.6 | 279 | 2.42 | 6.8 | 2.9 | 9.9 | 17 | <0.1 | 0.7 | 0.2 | 21 | 0.19 | 0.026 | 33 |
| 1218443 | Soil | 0.8 | 9.2 | 9.3 | 40 | <0.1 | 12.0 | 6.9 | 409 | 1.93 | 10.5 | 2.3 | 4.0 | 11 | <0.1 | 0.5 | 0.2 | 32 | 0.12 | 0.023 | 13 |
| 1218444 | Soil | 0.5 | 16.9 | 10.4 | 43 | <0.1 | 14.7 | 6.1 | 210 | 1.79 | 8.7 | 2.3 | 5.2 | 22 | 0.1 | 0.4 | 0.2 | 22 | 0.26 | 0.037 | 24 |
| 1218445 | Soil | 0.3 | 13.8 | 10.7 | 45 | 0.1 | 14.3 | 6.8 | 367 | 1.66 | 3.9 | 0.9 | 4.1 | 55 | 0.2 | 0.4 | 0.2 | 21 | 0.91 | 0.064 | 18 |
| 1218446 | Soil | 0.6 | 20.2 | 9.6 | 51 | 0.1 | 18.6 | 8.3 | 248 | 2.00 | 8.9 | 3.5 | 5.5 | 23 | 0.3 | 0.6 | 0.2 | 28 | 0.29 | 0.059 | 19 |
| 1218447 | Soil | 0.7 | 12.9 | 7.8 | 45 | <0.1 | 14.1 | 4.9 | 169 | 1.76 | 10.2 | 1.8 | 1.9 | 10 | 0.1 | 0.7 | 0.2 | 25 | 0.10 | 0.041 | 13 |
| 1218448 | Soil | 0.8 | 11.9 | 9.2 | 44 | <0.1 | 12.7 | 6.7 | 163 | 2.09 | 13.0 | <0.5 | 4.4 | 6 | <0.1 | 0.6 | 0.1 | 28 | 0.04 | 0.026 | 15 |
| 1218449 | Soil | 0.4 | 25.9 | 23.1 | 61 | <0.1 | 24.7 | 13.3 | 574 | 2.60 | 8.9 | 1.8 | 14.5 | 24 | <0.1 | 0.3 | 0.3 | 10 | 0.30 | 0.037 | 47 |
| 1218450 | Soil | 0.3 | 28.6 | 21.5 | 65 | <0.1 | 25.2 | 14.5 | 349 | 3.04 | 5.9 | 1.7 | 16.9 | 28 | <0.1 | 0.2 | 0.4 | 10 | 0.39 | 0.034 | 52 |
| 1218451 | Soil | 0.6 | 19.2 | 12.2 | 48 | <0.1 | 16.4 | 7.6 | 269 | 2.18 | 7.3 | <0.5 | 9.5 | 15 | <0.1 | 0.4 | 0.2 | 23 | 0.18 | 0.025 | 32 |
| 1218452 | Soil | 0.4 | 29.9 | 21.1 | 77 | <0.1 | 29.1 | 10.8 | 317 | 2.94 | 9.2 | 1.6 | 22.1 | 23 | <0.1 | 0.2 | 0.3 | 9 | 0.27 | 0.052 | 64 |
| 1218453 | Soil | 0.3 | 18.4 | 13.0 | 64 | <0.1 | 18.4 | 9.0 | 391 | 2.10 | 4.6 | <0.5 | 9.3 | 41 | 0.2 | 0.3 | 0.3 | 11 | 0.61 | 0.039 | 40 |
| 1218454 | Soil | 0.4 | 27.8 | 30.1 | 71 | <0.1 | 26.6 | 14.5 | 633 | 2.99 | 7.0 | 0.9 | 23.7 | 37 | <0.1 | 0.1 | 0.3 | 7 | 0.50 | 0.044 | 57 |
| 1218456 | Soil | 0.9 | 19.7 | 10.1 | 46 | <0.1 | 13.0 | 5.7 | 195 | 2.17 | 8.6 | 1.1 | 5.8 | 8 | <0.1 | 0.7 | 0.2 | 30 | 0.06 | 0.041 | 22 |

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Project: Oliver
 Report Date: November 18, 2011

Page: 4 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000989.1

| Method | Analyte | Unit | MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | | |
|---------|---------|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| | | | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| | | | | ppm | % | ppm | % | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | | |
| | | | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1218486 | Soil | | | 17 | 0.61 | 75 | 0.012 | <1 | 1.14 | 0.004 | 0.10 | <0.1 | 0.14 | 1.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218487 | Soil | | | 12 | 0.27 | 74 | 0.018 | <1 | 0.65 | 0.004 | 0.04 | 0.2 | 0.03 | 1.1 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218488 | Soil | | | 13 | 0.24 | 87 | 0.018 | <1 | 0.73 | 0.003 | 0.06 | 0.1 | 0.05 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218489 | Soil | | | 15 | 0.27 | 101 | 0.017 | 1 | 0.97 | 0.004 | 0.04 | 0.2 | 0.02 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218490 | Soil | | | 12 | 0.28 | 135 | 0.004 | 1 | 0.83 | 0.004 | 0.05 | <0.1 | 0.45 | 2.0 | 0.2 | <0.05 | 2 | 0.6 | <0.2 |
| 1218491 | Soil | | | 16 | 0.51 | 80 | 0.005 | <1 | 1.10 | 0.006 | 0.04 | <0.1 | 0.05 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218492 | Soil | | | 19 | 0.53 | 89 | 0.014 | 1 | 1.37 | 0.003 | 0.07 | 0.1 | 0.02 | 1.7 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218493 | Soil | | | 16 | 0.30 | 93 | 0.023 | <1 | 0.94 | 0.003 | 0.04 | 0.2 | 0.04 | 2.0 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218494 | Soil | | | 17 | 0.37 | 103 | 0.012 | <1 | 1.17 | 0.004 | 0.04 | 0.1 | 0.02 | 1.6 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1218495 | Soil | | | 15 | 0.28 | 106 | 0.016 | 1 | 0.93 | 0.003 | 0.04 | 0.2 | 0.02 | 1.6 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 1218496 | Soil | | | 18 | 0.37 | 72 | 0.010 | 1 | 1.30 | 0.004 | 0.04 | 0.1 | 0.02 | 1.3 | <0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 1218497 | Soil | | | 17 | 0.39 | 88 | 0.016 | <1 | 1.18 | 0.005 | 0.04 | <0.1 | 0.02 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218498 | Soil | | | 17 | 0.32 | 114 | 0.020 | 1 | 0.99 | 0.007 | 0.04 | 0.2 | 0.05 | 2.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218499 | Soil | | | 17 | 0.30 | 109 | 0.015 | <1 | 0.97 | 0.004 | 0.04 | 0.2 | 0.02 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218500 | Soil | | | 19 | 0.41 | 134 | 0.017 | 1 | 1.25 | 0.005 | 0.04 | 0.1 | 0.03 | 1.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218441 | Soil | | | 27 | 0.42 | 234 | 0.040 | <1 | 1.11 | 0.007 | 0.06 | 0.1 | 0.03 | 2.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218442 | Soil | | | 15 | 0.23 | 228 | 0.014 | 2 | 0.94 | 0.005 | 0.05 | 0.1 | 0.06 | 2.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218443 | Soil | | | 18 | 0.25 | 167 | 0.012 | <1 | 0.96 | 0.005 | 0.04 | 0.2 | 0.02 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218444 | Soil | | | 14 | 0.23 | 222 | 0.008 | <1 | 0.85 | 0.005 | 0.04 | 0.2 | 0.06 | 1.7 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218445 | Soil | | | 16 | 0.30 | 297 | 0.007 | 1 | 1.11 | 0.007 | 0.04 | 0.1 | 0.05 | 1.7 | <0.1 | 0.08 | 3 | 0.7 | <0.2 |
| 1218446 | Soil | | | 18 | 0.31 | 305 | 0.015 | <1 | 1.00 | 0.006 | 0.05 | 0.2 | 0.05 | 2.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218447 | Soil | | | 14 | 0.25 | 81 | 0.018 | <1 | 0.79 | 0.007 | 0.04 | 0.2 | 0.02 | 1.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218448 | Soil | | | 17 | 0.28 | 113 | 0.023 | 2 | 0.97 | 0.004 | 0.04 | 0.2 | 0.03 | 2.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218449 | Soil | | | 9 | 0.19 | 110 | 0.003 | <1 | 0.69 | 0.004 | 0.06 | <0.1 | 0.11 | 1.5 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218450 | Soil | | | 11 | 0.28 | 92 | 0.002 | 1 | 0.86 | 0.004 | 0.07 | <0.1 | 0.09 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218451 | Soil | | | 17 | 0.34 | 176 | 0.010 | <1 | 1.14 | 0.007 | 0.05 | 0.2 | 0.02 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218452 | Soil | | | 13 | 0.42 | 80 | 0.003 | <1 | 1.11 | 0.004 | 0.06 | <0.1 | 0.05 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218453 | Soil | | | 11 | 0.34 | 120 | 0.007 | 2 | 0.83 | 0.005 | 0.07 | 0.2 | 0.07 | 1.4 | <0.1 | 0.05 | 2 | <0.5 | <0.2 |
| 1218454 | Soil | | | 10 | 0.35 | 61 | 0.005 | <1 | 0.94 | 0.004 | 0.11 | <0.1 | 0.05 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218456 | Soil | | | 18 | 0.33 | 101 | 0.021 | 1 | 1.12 | 0.005 | 0.03 | 0.1 | 0.04 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

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Project: Oliver
 Report Date: November 18, 2011

Page: 5 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000989.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | % | % | % | ppm |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1218457 | Soil | 0.7 | 23.0 | 10.5 | 51 | <0.1 | 13.4 | 6.0 | 222 | 2.23 | 13.0 | 2.8 | 7.2 | 10 | 0.1 | 0.6 | 0.2 | 23 | 0.07 | 0.037 | 26 |
| 1218458 | Soil | 0.9 | 14.8 | 10.3 | 36 | <0.1 | 9.6 | 3.8 | 129 | 1.99 | 10.0 | 14.1 | 2.9 | 8 | 0.1 | 0.5 | 0.2 | 35 | 0.07 | 0.056 | 18 |
| 1218459 | Soil | 0.7 | 22.6 | 11.1 | 47 | <0.1 | 12.7 | 5.6 | 179 | 2.40 | 37.2 | 7.8 | 9.8 | 8 | 0.2 | 0.6 | 0.2 | 20 | 0.03 | 0.023 | 24 |
| 1218460 | Soil | 1.0 | 29.1 | 15.0 | 50 | <0.1 | 9.8 | 4.0 | 176 | 2.55 | 6.0 | 3.0 | 11.4 | 8 | 0.1 | 0.5 | 0.4 | 19 | 0.03 | 0.025 | 35 |
| 1218461 | Soil | 0.7 | 26.3 | 14.3 | 52 | <0.1 | 15.3 | 6.5 | 172 | 2.60 | 10.1 | 1.3 | 11.7 | 9 | 0.1 | 0.6 | 0.3 | 20 | 0.03 | 0.030 | 28 |
| 1218462 | Soil | 1.0 | 25.9 | 13.4 | 51 | <0.1 | 14.0 | 5.8 | 150 | 2.63 | 7.4 | 2.0 | 10.9 | 7 | 0.2 | 0.6 | 0.3 | 23 | 0.03 | 0.023 | 27 |
| 1218463 | Soil | 0.8 | 20.7 | 11.4 | 47 | <0.1 | 15.2 | 7.3 | 233 | 2.24 | 11.2 | 2.6 | 5.4 | 9 | 0.1 | 0.7 | 0.2 | 38 | 0.06 | 0.027 | 15 |
| 1218464 | Soil | 0.9 | 20.0 | 13.3 | 42 | <0.1 | 10.7 | 5.1 | 169 | 2.14 | 9.5 | 1.3 | 8.1 | 7 | 0.1 | 0.6 | 0.3 | 27 | 0.04 | 0.023 | 20 |
| 1218465 | Soil | 0.7 | 17.1 | 11.3 | 47 | <0.1 | 19.7 | 9.5 | 198 | 1.99 | 10.4 | 3.4 | 6.0 | 9 | 0.2 | 0.6 | 0.1 | 29 | 0.05 | 0.024 | 16 |
| 1218466 | Soil | 0.6 | 26.4 | 23.9 | 54 | <0.1 | 16.3 | 6.0 | 116 | 2.47 | 8.4 | 1.4 | 16.4 | 17 | <0.1 | 0.5 | 0.3 | 17 | 0.02 | 0.024 | 50 |
| 1218467 | Soil | 0.8 | 14.3 | 14.3 | 44 | <0.1 | 14.5 | 6.7 | 136 | 2.19 | 10.3 | 1.3 | 6.2 | 7 | 0.1 | 0.6 | 0.3 | 33 | 0.05 | 0.022 | 16 |
| 1218468 | Soil | 0.7 | 24.9 | 16.0 | 54 | <0.1 | 20.4 | 11.2 | 169 | 2.44 | 12.6 | 6.9 | 12.7 | 13 | <0.1 | 0.7 | 0.3 | 22 | 0.04 | 0.023 | 29 |
| 1218469 | Soil | 0.6 | 12.5 | 7.4 | 37 | <0.1 | 18.4 | 9.9 | 176 | 1.46 | 8.4 | 1.1 | 3.9 | 6 | 0.1 | 0.6 | 0.1 | 20 | 0.04 | 0.015 | 11 |
| 1218470 | Soil | 1.4 | 20.8 | 11.7 | 54 | <0.1 | 21.7 | 7.4 | 150 | 2.14 | 10.3 | 9.0 | 5.5 | 8 | 0.3 | 0.8 | 0.2 | 30 | 0.04 | 0.021 | 16 |
| 1207751 | Soil | 3.1 | 506.0 | 56.5 | 164 | 3.6 | 9.4 | 3.8 | 175 | 17.37 | 227.9 | 22.1 | 10.0 | 11 | 0.3 | 1.0 | 266.1 | 36 | 0.04 | 0.064 | 33 |
| 1219501 | 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. |
| 1219502 | Soil | 0.6 | 16.3 | 12.6 | 49 | 0.4 | 7.4 | 3.0 | 89 | 1.27 | 13.3 | <0.5 | 2.4 | 7 | 0.2 | 0.3 | 2.1 | 29 | 0.05 | 0.016 | 10 |
| 1219503 | Soil | 0.7 | 15.9 | 11.0 | 65 | 0.3 | 10.9 | 3.3 | 98 | 1.20 | 9.5 | <0.5 | 2.0 | 9 | 0.5 | 0.4 | 0.7 | 21 | 0.08 | 0.027 | 13 |
| 1219504 | Soil | 0.8 | 23.8 | 22.9 | 148 | 0.3 | 35.3 | 10.4 | 296 | 2.32 | 16.4 | 2.3 | 4.0 | 32 | 1.2 | 0.5 | 1.6 | 33 | 0.31 | 0.081 | 15 |
| 1219505 | Soil | 1.1 | 32.8 | 30.0 | 220 | 0.3 | 22.2 | 17.7 | 686 | 2.52 | 26.3 | 0.6 | 2.7 | 13 | 1.0 | 0.6 | 2.6 | 34 | 0.09 | 0.052 | 15 |
| 1219506 | Soil | 1.1 | 34.7 | 52.1 | 184 | 0.5 | 24.5 | 9.7 | 319 | 2.28 | 24.2 | 0.7 | 2.1 | 15 | 1.1 | 0.7 | 1.5 | 33 | 0.13 | 0.057 | 16 |
| 1219507 | Soil | 1.0 | 33.3 | 38.8 | 142 | 0.5 | 22.5 | 8.7 | 283 | 2.18 | 20.9 | 3.1 | 2.4 | 15 | 0.7 | 0.7 | 1.2 | 36 | 0.13 | 0.046 | 18 |
| 1219508 | Soil | 1.0 | 31.0 | 17.2 | 88 | <0.1 | 25.2 | 8.8 | 314 | 2.26 | 14.5 | 3.6 | 5.8 | 18 | 0.3 | 0.9 | 0.5 | 35 | 0.15 | 0.038 | 18 |
| 1219509 | Soil | 1.1 | 33.6 | 22.7 | 145 | 0.2 | 30.3 | 8.3 | 241 | 2.28 | 18.5 | 1.3 | 4.8 | 22 | 0.8 | 1.0 | 0.7 | 36 | 0.20 | 0.066 | 17 |
| 1219510 | Soil | 1.1 | 32.6 | 19.1 | 117 | 0.2 | 21.7 | 7.5 | 247 | 2.28 | 21.7 | 1.6 | 5.1 | 12 | 0.5 | 0.9 | 0.9 | 39 | 0.09 | 0.026 | 14 |
| 1219511 | Soil | 1.0 | 41.8 | 22.4 | 181 | 0.2 | 27.2 | 11.4 | 400 | 2.71 | 26.0 | 2.2 | 8.1 | 20 | 0.8 | 0.7 | 1.5 | 37 | 0.15 | 0.036 | 23 |
| 1219512 | Soil | 1.2 | 66.5 | 52.4 | 247 | 1.0 | 23.9 | 9.0 | 334 | 2.65 | 39.2 | 1.1 | 8.0 | 19 | 1.6 | 0.6 | 2.6 | 36 | 0.11 | 0.031 | 24 |
| 1219513 | Soil | 1.1 | 56.2 | 74.2 | 597 | 0.3 | 23.2 | 9.2 | 397 | 2.43 | 25.0 | <0.5 | 8.2 | 13 | 1.6 | 0.7 | 1.9 | 29 | 0.10 | 0.035 | 20 |
| 1219514 | Soil | 1.3 | 82.1 | 171.2 | 1417 | 2.0 | 53.5 | 27.2 | 1222 | 3.87 | 49.3 | <0.5 | 9.6 | 68 | 10.2 | 0.7 | 4.5 | 45 | 0.40 | 0.055 | 24 |
| 1219515 | Soil | 2.7 | 253.4 | 84.5 | 1110 | 2.5 | 101.7 | 86.3 | 2551 | 4.20 | 62.9 | <0.5 | 15.9 | 43 | 10.0 | 1.1 | 13.4 | 32 | 0.14 | 0.059 | 34 |

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 1300 - 111 West Georgia Street
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Project: Oliver
 Report Date: November 18, 2011

Page: 5 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000989.1

| Method Analyte Unit MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|----------------------------------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|--------|-----------|-----------|-----------|------|
| | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Hg ppm | Sc ppm | Tl ppm | S % | Ga ppm | Se ppm | Te ppm | |
| | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 0.1 | 1 | 0.5 | 0.2 | |
| 1218457 | Soil | 16 | 0.37 | 113 | 0.018 | <1 | 1.00 | 0.006 | 0.05 | 0.1 | 0.04 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218458 | Soil | 20 | 0.30 | 98 | 0.020 | <1 | 1.17 | 0.007 | 0.04 | 0.2 | 0.03 | 1.7 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218459 | Soil | 17 | 0.38 | 92 | 0.011 | <1 | 1.28 | 0.006 | 0.05 | 0.1 | 0.03 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218460 | Soil | 17 | 0.39 | 76 | 0.009 | <1 | 1.05 | 0.005 | 0.05 | 0.2 | 0.03 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218461 | Soil | 18 | 0.38 | 93 | 0.009 | <1 | 1.31 | 0.006 | 0.04 | 0.1 | 0.02 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218462 | Soil | 17 | 0.34 | 82 | 0.010 | <1 | 1.19 | 0.006 | 0.04 | <0.1 | 0.03 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218463 | Soil | 22 | 0.34 | 167 | 0.020 | <1 | 1.35 | 0.009 | 0.04 | 0.1 | 0.05 | 2.5 | <0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 1218464 | Soil | 17 | 0.31 | 105 | 0.014 | <1 | 1.12 | 0.009 | 0.04 | 0.1 | 0.04 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218465 | Soil | 18 | 0.35 | 108 | 0.021 | <1 | 1.35 | 0.005 | 0.04 | 0.1 | 0.03 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218466 | Soil | 14 | 0.43 | 82 | 0.004 | <1 | 1.37 | 0.005 | 0.05 | <0.1 | 0.02 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218467 | Soil | 19 | 0.30 | 88 | 0.019 | <1 | 1.26 | 0.004 | 0.04 | 0.1 | 0.03 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218468 | Soil | 18 | 0.42 | 85 | 0.013 | <1 | 1.27 | 0.004 | 0.07 | 0.1 | 0.04 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218469 | Soil | 12 | 0.24 | 64 | 0.014 | <1 | 0.83 | 0.003 | 0.03 | 0.2 | 0.03 | 1.1 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218470 | Soil | 18 | 0.33 | 94 | 0.014 | <1 | 1.19 | 0.005 | 0.05 | 0.1 | 0.03 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1207751 | Soil | 25 | 0.20 | 89 | 0.019 | <1 | 1.10 | 0.005 | 0.14 | >100 | <0.01 | 3.4 | 1.0 | 0.16 | 15 | 5.4 | 0.8 |
| 1219501 | 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. | |
| 1219502 | Soil | 15 | 0.13 | 59 | 0.012 | <1 | 0.68 | 0.005 | 0.03 | 0.5 | 0.02 | 0.7 | 0.1 | 0.05 | 3 | <0.5 | <0.2 |
| 1219503 | Soil | 16 | 0.22 | 72 | 0.010 | <1 | 0.79 | 0.006 | 0.04 | 0.2 | 0.02 | 1.0 | 0.2 | 0.06 | 3 | <0.5 | <0.2 |
| 1219504 | Soil | 45 | 0.63 | 228 | 0.031 | 2 | 1.45 | 0.009 | 0.08 | 0.4 | 0.04 | 2.4 | 0.3 | 0.06 | 5 | 0.8 | <0.2 |
| 1219505 | Soil | 28 | 0.43 | 123 | 0.021 | 2 | 1.32 | 0.008 | 0.06 | 0.6 | 0.02 | 1.5 | 0.3 | <0.05 | 5 | <0.5 | <0.2 |
| 1219506 | Soil | 30 | 0.47 | 179 | 0.017 | 1 | 1.35 | 0.008 | 0.06 | 0.5 | 0.03 | 1.5 | 0.2 | <0.05 | 4 | 0.8 | <0.2 |
| 1219507 | Soil | 29 | 0.49 | 188 | 0.021 | <1 | 1.33 | 0.007 | 0.06 | 0.4 | 0.03 | 1.7 | 0.3 | <0.05 | 4 | <0.5 | <0.2 |
| 1219508 | Soil | 28 | 0.48 | 278 | 0.038 | 1 | 1.28 | 0.010 | 0.06 | 0.3 | 0.05 | 2.6 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219509 | Soil | 28 | 0.50 | 225 | 0.032 | 1 | 1.32 | 0.010 | 0.05 | 0.2 | 0.04 | 2.2 | 0.2 | <0.05 | 4 | 0.6 | <0.2 |
| 1219510 | Soil | 24 | 0.42 | 188 | 0.022 | <1 | 1.39 | 0.006 | 0.06 | 0.3 | 0.02 | 2.1 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| 1219511 | Soil | 26 | 0.56 | 238 | 0.038 | <1 | 1.51 | 0.008 | 0.10 | 0.3 | <0.01 | 2.4 | 0.3 | <0.05 | 4 | <0.5 | <0.2 |
| 1219512 | Soil | 26 | 0.49 | 154 | 0.027 | 1 | 1.48 | 0.008 | 0.09 | 0.5 | 0.02 | 2.1 | 0.4 | <0.05 | 5 | <0.5 | <0.2 |
| 1219513 | Soil | 23 | 0.50 | 102 | 0.030 | 2 | 1.41 | 0.005 | 0.09 | 0.7 | 0.02 | 1.7 | 0.3 | <0.05 | 4 | <0.5 | <0.2 |
| 1219514 | Soil | 49 | 0.80 | 312 | 0.027 | 1 | 2.43 | 0.010 | 0.23 | 0.9 | 0.05 | 3.0 | 0.6 | <0.05 | 8 | <0.5 | <0.2 |
| 1219515 | Soil | 27 | 0.66 | 79 | 0.009 | <1 | 2.07 | 0.006 | 0.09 | 0.2 | 0.10 | 1.9 | 0.4 | <0.05 | 8 | 0.5 | 0.2 |



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Project: Oliver
 Report Date: November 18, 2011

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CERTIFICATE OF ANALYSIS

WHI11000989.1

| 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 | 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 | La ppm 1 |
| 1219516 | Soil | 1.4 | 131.6 | 94.1 | 569 | 1.9 | 20.0 | 11.6 | 533 | 2.84 | 48.4 | 7.5 | 9.2 | 15 | 3.0 | 0.7 | 3.2 | 36 | 0.12 | 0.033 | 33 |
| 1219517 | Soil | 1.0 | 204.2 | 112.1 | 2128 | 1.8 | 30.9 | 20.5 | 2028 | 2.91 | 117.3 | <0.5 | 8.8 | 33 | 18.6 | 0.8 | 1.8 | 21 | 0.33 | 0.056 | 37 |
| 1219518 | Soil | 0.9 | 65.3 | 70.0 | 399 | 1.1 | 30.4 | 14.4 | 1458 | 2.79 | 26.8 | <0.5 | 11.8 | 35 | 3.4 | 0.7 | 4.5 | 28 | 0.55 | 0.044 | 27 |
| 1219519 | Soil | 0.9 | 54.9 | 84.7 | 418 | 1.0 | 31.2 | 12.6 | 1168 | 2.83 | 24.9 | 1.3 | 12.0 | 35 | 3.5 | 1.0 | 2.5 | 29 | 0.52 | 0.054 | 30 |
| 1219520 | Soil | 1.1 | 38.7 | 18.4 | 167 | <0.1 | 28.1 | 12.5 | 373 | 2.74 | 38.7 | 5.1 | 8.0 | 17 | 0.7 | 0.9 | 1.1 | 34 | 0.13 | 0.032 | 23 |
| 1219521 | Soil | 1.1 | 76.5 | 19.8 | 305 | 0.5 | 28.0 | 11.7 | 406 | 2.87 | 21.4 | 2.7 | 7.4 | 10 | 0.9 | 1.0 | 0.8 | 44 | 0.08 | 0.025 | 20 |
| 1219522 | Soil | 1.1 | 33.3 | 19.6 | 214 | 0.3 | 22.2 | 8.9 | 323 | 2.28 | 18.8 | 2.6 | 6.2 | 18 | 0.9 | 0.9 | 1.4 | 29 | 0.19 | 0.058 | 24 |
| 1219523 | Soil | 1.3 | 33.7 | 74.5 | 327 | 0.5 | 20.3 | 10.1 | 453 | 2.26 | 30.2 | 14.9 | 3.4 | 17 | 1.8 | 0.7 | 1.6 | 32 | 0.18 | 0.054 | 18 |
| 1219524 | Soil | 1.3 | 25.5 | 21.1 | 262 | 0.4 | 22.5 | 13.1 | 419 | 2.13 | 31.1 | 10.5 | 4.9 | 16 | 1.5 | 0.7 | 1.8 | 32 | 0.16 | 0.059 | 21 |
| 1219525 | Soil | 1.0 | 29.7 | 16.0 | 287 | 0.6 | 16.5 | 7.4 | 238 | 2.11 | 22.1 | 3.8 | 3.6 | 10 | 0.8 | 0.7 | 1.4 | 25 | 0.07 | 0.030 | 18 |
| 1218951 | Soil | 1.0 | 21.2 | 14.3 | 56 | <0.1 | 20.6 | 8.6 | 278 | 2.57 | 10.9 | 2.0 | 3.3 | 10 | 0.1 | 1.3 | 0.3 | 22 | 0.05 | 0.039 | 30 |
| 1218952 | Soil | 1.0 | 22.2 | 13.8 | 57 | <0.1 | 16.3 | 7.3 | 292 | 2.53 | 12.1 | 1.5 | 3.8 | 10 | 0.2 | 0.9 | 0.3 | 32 | 0.07 | 0.046 | 21 |
| 1218953 | Soil | 1.0 | 24.7 | 15.3 | 49 | <0.1 | 14.4 | 5.4 | 205 | 2.32 | 10.6 | <0.5 | 1.5 | 10 | 0.2 | 1.0 | 0.4 | 26 | 0.07 | 0.058 | 21 |
| 1218954 | Soil | 1.1 | 40.5 | 19.1 | 69 | 0.1 | 30.0 | 10.7 | 265 | 3.05 | 14.1 | 7.3 | 4.1 | 15 | 0.2 | 2.4 | 0.4 | 29 | 0.14 | 0.065 | 22 |
| 1218955 | Soil | 0.7 | 44.0 | 10.6 | 62 | <0.1 | 24.8 | 10.1 | 308 | 2.46 | 8.7 | 1.0 | 5.3 | 17 | 0.3 | 0.9 | 0.3 | 41 | 0.22 | 0.043 | 19 |
| 1218956 | Soil | 0.8 | 26.2 | 11.7 | 49 | <0.1 | 17.6 | 7.4 | 279 | 2.22 | 12.8 | 0.9 | 3.2 | 11 | 0.3 | 1.5 | 0.3 | 31 | 0.10 | 0.043 | 17 |
| 1218957 | Soil | 0.9 | 34.2 | 18.6 | 73 | <0.1 | 27.1 | 10.7 | 378 | 2.82 | 12.4 | 3.2 | 3.3 | 14 | 0.2 | 2.5 | 0.4 | 20 | 0.11 | 0.043 | 32 |
| 1218958 | Soil | 0.9 | 88.7 | 16.7 | 70 | <0.1 | 41.6 | 22.1 | 705 | 3.68 | 13.2 | 4.8 | 6.2 | 13 | 0.3 | 1.1 | 0.3 | 43 | 0.15 | 0.052 | 25 |
| 1218959 | Soil | 0.7 | 47.9 | 10.7 | 59 | <0.1 | 28.6 | 14.1 | 428 | 2.97 | 17.1 | 4.1 | 5.3 | 9 | 0.3 | 1.6 | 0.3 | 38 | 0.09 | 0.040 | 20 |
| 1218960 | Soil | 0.9 | 22.8 | 12.2 | 44 | 0.2 | 14.0 | 5.5 | 200 | 2.03 | 12.2 | 5.0 | 1.2 | 13 | 0.2 | 0.9 | 0.4 | 27 | 0.11 | 0.052 | 15 |
| 1218961 | Soil | 1.8 | 42.5 | 21.4 | 58 | <0.1 | 16.3 | 6.6 | 265 | 2.93 | 26.2 | 12.8 | 3.3 | 19 | 0.2 | 1.9 | 0.6 | 26 | 0.09 | 0.061 | 32 |
| 1218962 | Soil | 1.1 | 116.3 | 18.9 | 96 | 0.1 | 63.1 | 27.9 | 609 | 5.12 | 22.5 | 29.6 | 6.6 | 17 | 0.4 | 4.4 | 0.4 | 58 | 0.20 | 0.056 | 26 |
| 1218963 | Soil | 0.8 | 79.1 | 12.9 | 69 | 0.1 | 37.8 | 16.8 | 461 | 3.69 | 15.3 | 35.1 | 6.5 | 19 | 0.3 | 1.4 | 0.4 | 46 | 0.35 | 0.050 | 25 |
| 1218964 | Soil | 1.0 | 76.0 | 13.2 | 55 | <0.1 | 36.6 | 19.3 | 415 | 3.60 | 18.0 | 15.9 | 3.9 | 8 | 0.3 | 2.4 | 0.4 | 53 | 0.08 | 0.041 | 15 |
| 1218965 | Soil | 0.9 | 24.5 | 11.3 | 41 | 0.1 | 17.6 | 5.8 | 126 | 2.95 | 9.1 | 4.4 | 4.7 | 8 | 0.1 | 0.8 | 0.3 | 32 | 0.03 | 0.039 | 23 |
| 1218966 | Soil | 1.1 | 18.5 | 12.5 | 30 | <0.1 | 8.7 | 3.3 | 151 | 2.39 | 9.5 | 3.8 | 2.2 | 6 | <0.1 | 0.5 | 0.2 | 29 | 0.04 | 0.046 | 15 |
| 1218967 | Soil | 1.5 | 44.1 | 12.7 | 68 | <0.1 | 29.1 | 12.4 | 157 | 4.24 | 7.6 | 2.1 | 14.5 | 8 | <0.1 | 1.1 | 0.5 | 19 | 0.01 | 0.042 | 42 |
| 1218968 | Soil | 0.7 | 11.9 | 9.2 | 38 | <0.1 | 11.5 | 4.3 | 147 | 2.04 | 9.9 | 2.8 | 2.3 | 9 | <0.1 | 0.6 | 0.2 | 31 | 0.08 | 0.032 | 12 |
| 1218971 | Soil | 1.0 | 17.7 | 12.1 | 47 | <0.1 | 14.6 | 6.9 | 235 | 2.13 | 9.8 | 4.7 | 3.0 | 10 | 0.1 | 0.7 | 0.2 | 25 | 0.09 | 0.051 | 16 |
| 1218972 | Soil | 0.8 | 16.3 | 10.5 | 48 | <0.1 | 13.3 | 5.4 | 202 | 2.10 | 10.3 | 1.6 | 2.8 | 11 | 0.1 | 0.6 | 0.2 | 25 | 0.09 | 0.052 | 15 |

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CERTIFICATE OF ANALYSIS

WHI11000989.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1219516 | Soil | 25 | 0.48 | 169 | 0.016 | <1 | 1.70 | 0.006 | 0.09 | 0.3 | 0.02 | 2.5 | 0.4 | <0.05 | 5 | <0.5 | <0.2 |
| 1219517 | Soil | 21 | 0.55 | 177 | 0.007 | <1 | 1.54 | 0.006 | 0.08 | 0.1 | 0.03 | 2.0 | 0.2 | <0.05 | 4 | 0.7 | <0.2 |
| 1219518 | Soil | 34 | 0.60 | 141 | 0.015 | <1 | 1.73 | 0.006 | 0.13 | 0.2 | 0.03 | 2.5 | 0.5 | <0.05 | 7 | <0.5 | <0.2 |
| 1219519 | Soil | 30 | 0.63 | 154 | 0.029 | <1 | 1.61 | 0.006 | 0.09 | 0.2 | 0.01 | 2.4 | 0.3 | <0.05 | 6 | <0.5 | <0.2 |
| 1219520 | Soil | 28 | 0.57 | 162 | 0.032 | <1 | 1.82 | 0.007 | 0.13 | 0.4 | 0.03 | 2.0 | 0.4 | <0.05 | 5 | <0.5 | <0.2 |
| 1219521 | Soil | 33 | 0.51 | 181 | 0.033 | <1 | 1.81 | 0.012 | 0.06 | 0.3 | 0.02 | 3.4 | 0.2 | <0.05 | 5 | 0.8 | <0.2 |
| 1219522 | Soil | 25 | 0.50 | 199 | 0.032 | <1 | 1.41 | 0.006 | 0.06 | 0.4 | 0.03 | 1.9 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| 1219523 | Soil | 24 | 0.44 | 145 | 0.020 | <1 | 1.30 | 0.006 | 0.06 | 0.4 | 0.03 | 1.6 | 0.3 | <0.05 | 4 | <0.5 | <0.2 |
| 1219524 | Soil | 26 | 0.47 | 122 | 0.025 | <1 | 1.16 | 0.005 | 0.07 | 0.4 | 0.02 | 1.6 | 0.3 | <0.05 | 4 | 0.8 | <0.2 |
| 1219525 | Soil | 19 | 0.31 | 73 | 0.014 | <1 | 1.07 | 0.004 | 0.04 | 0.3 | 0.02 | 1.3 | 0.2 | <0.05 | 4 | 0.9 | <0.2 |
| 1218951 | Soil | 16 | 0.24 | 74 | 0.022 | <1 | 0.90 | 0.005 | 0.04 | 0.1 | 0.03 | 1.1 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1218952 | Soil | 22 | 0.35 | 120 | 0.019 | <1 | 1.25 | 0.005 | 0.04 | 0.3 | 0.05 | 1.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218953 | Soil | 19 | 0.32 | 79 | 0.012 | <1 | 1.07 | 0.004 | 0.04 | 0.2 | 0.03 | 1.2 | <0.1 | <0.05 | 4 | 0.9 | <0.2 |
| 1218954 | Soil | 22 | 0.36 | 120 | 0.014 | <1 | 1.19 | 0.006 | 0.05 | 0.2 | 0.07 | 1.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218955 | Soil | 28 | 0.62 | 133 | 0.020 | <1 | 1.24 | 0.005 | 0.04 | 0.2 | 0.04 | 2.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218956 | Soil | 19 | 0.35 | 153 | 0.020 | <1 | 1.10 | 0.005 | 0.03 | 0.3 | 0.02 | 1.9 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1218957 | Soil | 15 | 0.21 | 176 | 0.007 | <1 | 0.85 | 0.005 | 0.05 | 0.2 | 0.05 | 1.5 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1218958 | Soil | 35 | 0.76 | 164 | 0.012 | <1 | 1.68 | 0.005 | 0.04 | 0.2 | 0.03 | 2.8 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1218959 | Soil | 24 | 0.50 | 85 | 0.013 | <1 | 1.21 | 0.004 | 0.04 | 0.2 | <0.01 | 2.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218960 | Soil | 17 | 0.31 | 120 | 0.012 | 1 | 0.99 | 0.005 | 0.03 | 0.2 | 0.07 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218961 | Soil | 22 | 0.38 | 118 | 0.008 | 1 | 1.23 | 0.009 | 0.06 | 0.2 | 0.03 | 1.1 | <0.1 | 0.06 | 4 | 0.8 | <0.2 |
| 1218962 | Soil | 38 | 0.76 | 163 | 0.010 | <1 | 1.79 | 0.009 | 0.08 | <0.1 | 0.08 | 6.3 | <0.1 | <0.05 | 5 | 0.5 | <0.2 |
| 1218963 | Soil | 32 | 0.64 | 136 | 0.012 | 2 | 1.33 | 0.005 | 0.06 | 0.2 | 0.08 | 4.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218964 | Soil | 33 | 0.59 | 96 | 0.008 | <1 | 1.52 | 0.004 | 0.04 | 0.2 | 0.01 | 3.9 | <0.1 | <0.05 | 5 | 0.8 | <0.2 |
| 1218965 | Soil | 16 | 0.24 | 79 | 0.011 | 1 | 1.04 | 0.005 | 0.04 | 0.1 | 0.04 | 1.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218966 | Soil | 13 | 0.17 | 45 | 0.013 | 2 | 0.75 | 0.004 | 0.03 | 0.2 | 0.05 | 0.8 | <0.1 | <0.05 | 3 | 1.0 | <0.2 |
| 1218967 | Soil | 13 | 0.19 | 44 | 0.003 | <1 | 0.97 | 0.004 | 0.04 | <0.1 | 0.03 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218968 | Soil | 16 | 0.27 | 73 | 0.020 | <1 | 1.04 | 0.005 | 0.03 | 0.2 | 0.03 | 1.2 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1218971 | Soil | 16 | 0.28 | 61 | 0.019 | <1 | 0.81 | 0.004 | 0.04 | 0.4 | 0.04 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218972 | Soil | 15 | 0.28 | 64 | 0.019 | 1 | 0.80 | 0.004 | 0.04 | 0.4 | 0.04 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |



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Project: Oliver
 Report Date: November 18, 2011

Page: 7 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000989.1

| 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 | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1219201 | Soil | 1.0 | 21.2 | 11.7 | 54 | <0.1 | 18.8 | 10.6 | 420 | 2.82 | 19.1 | 5.2 | 4.5 | 8 | <0.1 | 1.4 | 0.2 | 24 | 0.05 | 0.041 | 25 |
| 1219202 | Soil | 0.7 | 23.2 | 12.7 | 37 | 0.2 | 17.0 | 6.7 | 155 | 2.35 | 10.5 | 3.1 | 1.6 | 18 | <0.1 | 4.7 | 0.2 | 32 | 0.12 | 0.046 | 22 |
| 1219203 | Soil | 0.8 | 34.7 | 11.6 | 52 | <0.1 | 24.6 | 12.2 | 341 | 2.69 | 13.3 | 14.1 | 4.8 | 10 | 0.2 | 7.0 | 0.2 | 35 | 0.09 | 0.057 | 18 |
| 1219204 | Soil | 1.3 | 23.5 | 12.8 | 57 | <0.1 | 18.8 | 10.6 | 484 | 2.89 | 11.6 | 3.6 | 2.1 | 9 | 0.2 | 3.1 | 0.2 | 47 | 0.07 | 0.070 | 17 |
| 1219205 | Soil | 0.8 | 24.0 | 9.6 | 46 | <0.1 | 18.2 | 8.3 | 248 | 2.13 | 7.7 | 1.6 | 3.6 | 10 | <0.1 | 0.9 | 0.1 | 30 | 0.09 | 0.035 | 17 |
| 1219206 | Soil | 1.0 | 13.6 | 12.1 | 46 | <0.1 | 13.3 | 5.7 | 183 | 2.15 | 9.6 | 1.4 | 1.6 | 8 | 0.1 | 0.6 | 0.2 | 32 | 0.06 | 0.045 | 17 |
| 1219207 | Soil | 0.6 | 21.5 | 15.9 | 53 | <0.1 | 20.4 | 9.4 | 351 | 2.11 | 5.7 | 2.1 | 8.4 | 8 | <0.1 | 0.8 | 0.1 | 20 | 0.04 | 0.015 | 31 |
| 1219208 | Soil | 1.0 | 24.4 | 15.2 | 54 | <0.1 | 20.0 | 8.5 | 315 | 2.60 | 12.9 | 2.8 | 3.9 | 9 | 0.1 | 0.8 | 0.2 | 35 | 0.06 | 0.044 | 20 |
| 1219209 | Soil | 1.0 | 21.1 | 12.0 | 56 | <0.1 | 17.9 | 9.1 | 271 | 2.40 | 9.7 | 3.1 | 5.9 | 8 | 0.1 | 0.7 | 0.2 | 25 | 0.06 | 0.047 | 18 |
| 1219210 | Soil | 0.8 | 23.8 | 9.6 | 50 | <0.1 | 15.5 | 6.1 | 228 | 2.12 | 8.9 | 7.1 | 7.6 | 9 | 0.1 | 0.9 | 0.2 | 21 | 0.07 | 0.035 | 29 |
| 1219211 | Soil | 1.0 | 25.6 | 10.7 | 63 | <0.1 | 20.2 | 7.7 | 262 | 2.47 | 10.6 | 4.7 | 5.7 | 13 | 0.1 | 0.7 | 0.2 | 30 | 0.11 | 0.043 | 21 |
| 1219212 | Soil | 0.8 | 17.6 | 10.0 | 46 | <0.1 | 13.9 | 5.4 | 180 | 2.00 | 8.7 | 19.9 | 3.4 | 11 | 0.1 | 0.6 | 0.2 | 26 | 0.10 | 0.038 | 19 |
| 1219213 | Soil | 0.9 | 20.5 | 10.6 | 54 | <0.1 | 16.8 | 6.5 | 203 | 2.37 | 10.2 | 1.9 | 4.8 | 10 | 0.1 | 0.7 | 0.2 | 30 | 0.08 | 0.035 | 23 |
| 1219214 | Soil | 0.8 | 21.0 | 9.8 | 57 | <0.1 | 18.9 | 8.0 | 278 | 2.19 | 9.6 | 1.5 | 3.5 | 12 | 0.2 | 0.8 | 0.2 | 31 | 0.13 | 0.056 | 21 |
| 1219215 | Soil | 1.2 | 28.8 | 18.5 | 51 | <0.1 | 16.4 | 5.5 | 128 | 2.58 | 7.6 | 2.1 | 5.0 | 9 | 0.1 | 0.8 | 0.3 | 24 | 0.04 | 0.028 | 38 |
| 1219216 | Soil | 0.8 | 23.0 | 13.4 | 53 | <0.1 | 15.6 | 7.2 | 215 | 2.60 | 9.4 | 2.3 | 8.6 | 11 | 0.1 | 0.6 | 0.2 | 29 | 0.09 | 0.043 | 31 |
| 1219217 | Soil | 1.0 | 26.1 | 15.4 | 61 | <0.1 | 19.4 | 6.9 | 218 | 2.69 | 9.4 | 2.1 | 5.0 | 12 | 0.3 | 0.7 | 0.2 | 30 | 0.10 | 0.042 | 30 |
| 1219218 | Soil | 0.8 | 20.9 | 13.7 | 50 | <0.1 | 16.6 | 7.1 | 223 | 2.23 | 10.7 | 2.4 | 4.9 | 10 | 0.1 | 0.8 | 0.2 | 29 | 0.07 | 0.039 | 20 |
| 1219219 | Soil | 0.9 | 20.1 | 15.9 | 58 | <0.1 | 17.4 | 7.3 | 268 | 2.92 | 12.9 | 18.9 | 6.0 | 8 | 0.1 | 2.2 | 0.3 | 25 | 0.06 | 0.045 | 29 |
| 1219220 | Soil | 1.0 | 22.5 | 19.3 | 61 | <0.1 | 32.7 | 11.2 | 177 | 2.73 | 12.2 | 2.7 | 1.4 | 9 | 0.1 | 2.1 | 0.2 | 24 | 0.06 | 0.056 | 20 |
| 1219221 | Soil | 0.8 | 16.8 | 12.0 | 50 | <0.1 | 18.3 | 7.8 | 256 | 2.47 | 9.4 | 9.5 | 4.1 | 9 | <0.1 | 0.8 | 0.2 | 23 | 0.05 | 0.039 | 26 |
| 1219222 | Soil | 1.2 | 16.7 | 8.6 | 32 | <0.1 | 14.6 | 5.5 | 108 | 2.15 | 5.5 | 2.0 | 7.8 | 9 | 0.1 | 0.5 | 0.3 | 24 | 0.04 | 0.018 | 29 |
| 1219223 | Soil | 2.6 | 33.4 | 16.7 | 56 | <0.1 | 24.5 | 10.4 | 161 | 3.25 | 6.8 | 6.0 | 15.7 | 13 | <0.1 | 0.5 | 0.3 | 15 | 0.02 | 0.021 | 46 |
| 1219224 | Soil | 1.5 | 67.4 | 15.9 | 62 | <0.1 | 21.7 | 8.0 | 203 | 5.49 | 6.6 | 3.8 | 26.9 | 18 | <0.1 | 0.6 | 1.0 | 20 | 0.05 | 0.051 | 70 |
| 1219225 | Soil | 1.5 | 11.1 | 10.7 | 34 | <0.1 | 11.1 | 4.2 | 114 | 2.06 | 7.4 | 7.3 | 5.0 | 6 | <0.1 | 0.6 | 0.2 | 31 | 0.04 | 0.015 | 17 |
| 1219226 | Soil | 0.9 | 16.5 | 11.4 | 44 | <0.1 | 16.5 | 9.2 | 1225 | 2.12 | 7.0 | <0.5 | 9.7 | 10 | 0.1 | 0.3 | 0.2 | 29 | 0.06 | 0.025 | 35 |
| 1219227 | Soil | 1.0 | 29.5 | 34.8 | 44 | <0.1 | 16.3 | 7.8 | 208 | 3.40 | 6.9 | 1.3 | 11.6 | 9 | <0.1 | 0.6 | 0.6 | 35 | 0.04 | 0.028 | 42 |
| 1219228 | Soil | 0.7 | 10.1 | 14.6 | 34 | <0.1 | 10.6 | 4.0 | 122 | 1.74 | 6.5 | 1.2 | 4.9 | 8 | <0.1 | 0.5 | 0.2 | 30 | 0.05 | 0.022 | 19 |
| 1219229 | Soil | 0.7 | 41.6 | 22.8 | 87 | <0.1 | 33.4 | 15.3 | 230 | 4.22 | 5.2 | 1.3 | 19.7 | 16 | <0.1 | 0.5 | 0.5 | 14 | 0.05 | 0.029 | 55 |
| 1219230 | Soil | 0.9 | 28.3 | 13.7 | 48 | <0.1 | 20.0 | 8.2 | 122 | 2.98 | 6.9 | 2.3 | 12.3 | 8 | <0.1 | 0.3 | 0.3 | 20 | 0.04 | 0.022 | 40 |

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Project: Oliver
 Report Date: November 18, 2011

Page: 7 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000989.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1219201 | Soil | 17 | 0.22 | 71 | 0.009 | <1 | 0.93 | 0.004 | 0.05 | 0.1 | 0.05 | 1.6 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 1219202 | Soil | 19 | 0.29 | 173 | 0.007 | 3 | 1.05 | 0.007 | 0.05 | 0.1 | 0.07 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219203 | Soil | 22 | 0.44 | 159 | 0.024 | 1 | 1.47 | 0.005 | 0.06 | 0.2 | 0.06 | 4.2 | <0.1 | <0.05 | 4 | 0.7 | <0.2 |
| 1219204 | Soil | 27 | 0.40 | 197 | 0.023 | <1 | 1.48 | 0.006 | 0.05 | 0.2 | 0.06 | 3.6 | 0.1 | <0.05 | 5 | 0.8 | <0.2 |
| 1219205 | Soil | 20 | 0.38 | 151 | 0.024 | <1 | 1.08 | 0.005 | 0.05 | 0.1 | 0.03 | 2.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219206 | Soil | 20 | 0.33 | 97 | 0.017 | 1 | 1.26 | 0.005 | 0.05 | 0.2 | 0.03 | 1.7 | 0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 1219207 | Soil | 14 | 0.32 | 152 | 0.022 | <1 | 0.98 | 0.004 | 0.11 | <0.1 | 0.04 | 1.6 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219208 | Soil | 22 | 0.38 | 200 | 0.022 | 2 | 1.44 | 0.007 | 0.08 | 0.2 | 0.06 | 3.3 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219209 | Soil | 17 | 0.37 | 81 | 0.017 | 1 | 1.17 | 0.005 | 0.04 | 0.1 | 0.04 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219210 | Soil | 13 | 0.33 | 116 | 0.019 | <1 | 0.85 | 0.006 | 0.04 | 0.1 | 0.03 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219211 | Soil | 19 | 0.38 | 201 | 0.023 | <1 | 1.10 | 0.008 | 0.05 | 0.2 | 0.05 | 2.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219212 | Soil | 16 | 0.32 | 125 | 0.020 | <1 | 0.94 | 0.006 | 0.04 | 0.1 | 0.02 | 1.6 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1219213 | Soil | 18 | 0.36 | 133 | 0.028 | <1 | 1.09 | 0.006 | 0.04 | 0.1 | 0.03 | 2.0 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 1219214 | Soil | 18 | 0.39 | 116 | 0.029 | <1 | 1.09 | 0.005 | 0.04 | 0.2 | 0.04 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219215 | Soil | 15 | 0.23 | 101 | 0.016 | <1 | 0.97 | 0.005 | 0.04 | <0.1 | 0.08 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219216 | Soil | 20 | 0.47 | 191 | 0.024 | 2 | 1.36 | 0.010 | 0.06 | 0.2 | 0.06 | 2.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219217 | Soil | 19 | 0.40 | 175 | 0.024 | 1 | 1.22 | 0.009 | 0.06 | 0.2 | 0.07 | 2.3 | <0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 1219218 | Soil | 16 | 0.29 | 120 | 0.020 | 1 | 0.99 | 0.006 | 0.05 | 0.2 | 0.07 | 1.8 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 1219219 | Soil | 15 | 0.27 | 66 | 0.013 | <1 | 0.97 | 0.004 | 0.05 | 0.2 | 0.05 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219220 | Soil | 15 | 0.21 | 80 | 0.008 | 1 | 0.91 | 0.004 | 0.06 | 0.1 | 0.06 | 0.8 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1219221 | Soil | 14 | 0.23 | 72 | 0.011 | <1 | 0.87 | 0.004 | 0.05 | 0.2 | 0.06 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219222 | Soil | 13 | 0.24 | 104 | 0.014 | <1 | 0.80 | 0.006 | 0.04 | 0.1 | 0.03 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219223 | Soil | 11 | 0.19 | 91 | 0.004 | <1 | 0.79 | 0.006 | 0.05 | <0.1 | 0.12 | 2.1 | <0.1 | <0.05 | 2 | 0.7 | <0.2 |
| 1219224 | Soil | 22 | 0.74 | 221 | 0.005 | <1 | 1.55 | 0.012 | 0.06 | <0.1 | 0.02 | 2.5 | <0.1 | <0.05 | 5 | 0.6 | <0.2 |
| 1219225 | Soil | 16 | 0.26 | 99 | 0.019 | <1 | 1.20 | 0.006 | 0.04 | 0.1 | 0.02 | 1.6 | <0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 1219226 | Soil | 12 | 0.10 | 316 | 0.007 | <1 | 1.11 | 0.005 | 0.04 | <0.1 | 0.02 | 1.8 | 0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 1219227 | Soil | 14 | 0.15 | 138 | 0.013 | <1 | 1.02 | 0.005 | 0.05 | 0.2 | 0.04 | 1.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219228 | Soil | 12 | 0.18 | 95 | 0.019 | <1 | 0.75 | 0.004 | 0.04 | 0.2 | 0.02 | 1.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219229 | Soil | 17 | 0.63 | 94 | 0.006 | <1 | 1.28 | 0.007 | 0.07 | <0.1 | 0.04 | 2.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219230 | Soil | 13 | 0.26 | 127 | 0.009 | <1 | 0.93 | 0.006 | 0.05 | <0.1 | 0.04 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

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Project: Oliver
 Report Date: November 18, 2011

Page: 8 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000989.1

| | Method Analyte Unit MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1219231 | Soil | 0.7 | 25.5 | 10.2 | 53 | <0.1 | 19.9 | 8.1 | 132 | 2.91 | 5.6 | 1.5 | 11.3 | 8 | <0.1 | 0.4 | 0.3 | 15 | 0.03 | 0.025 | 43 |
| 1219232 | Soil | 0.8 | 24.4 | 11.4 | 53 | <0.1 | 19.2 | 8.1 | 152 | 2.89 | 6.0 | 2.9 | 11.6 | 8 | <0.1 | 0.5 | 0.3 | 21 | 0.04 | 0.021 | 35 |
| 1219233 | Soil | 1.0 | 28.3 | 12.4 | 63 | <0.1 | 26.1 | 10.8 | 198 | 3.24 | 5.6 | 1.9 | 12.7 | 8 | <0.1 | 0.6 | 0.3 | 17 | 0.02 | 0.033 | 35 |
| 1219234 | Soil | 1.1 | 32.0 | 12.2 | 71 | <0.1 | 30.3 | 10.6 | 234 | 3.32 | 8.7 | 2.6 | 11.7 | 9 | <0.1 | 0.9 | 0.3 | 30 | 0.05 | 0.018 | 24 |
| 1219235 | Soil | 0.9 | 36.9 | 14.1 | 78 | <0.1 | 35.4 | 14.0 | 250 | 3.65 | 5.1 | 1.5 | 17.1 | 11 | <0.1 | 0.5 | 0.3 | 13 | 0.04 | 0.016 | 44 |
| 1219236 | Soil | 1.1 | 27.3 | 13.1 | 66 | <0.1 | 27.8 | 10.7 | 249 | 3.18 | 6.7 | 4.3 | 12.6 | 10 | <0.1 | 0.6 | 0.3 | 20 | 0.04 | 0.019 | 33 |
| 1219237 | Soil | 1.1 | 20.3 | 12.0 | 58 | 0.1 | 22.1 | 8.1 | 315 | 2.66 | 7.8 | <0.5 | 7.6 | 12 | 0.1 | 0.7 | 0.2 | 26 | 0.09 | 0.031 | 25 |
| 1219238 | Soil | 1.1 | 19.0 | 11.6 | 57 | <0.1 | 21.7 | 7.7 | 221 | 2.68 | 7.5 | 11.6 | 8.5 | 10 | <0.1 | 0.6 | 0.2 | 24 | 0.07 | 0.024 | 26 |
| 1219239 | Soil | 0.9 | 14.9 | 8.6 | 45 | <0.1 | 19.0 | 7.2 | 292 | 2.33 | 8.3 | 8.0 | 6.3 | 10 | <0.1 | 0.6 | 0.2 | 26 | 0.08 | 0.026 | 20 |
| 1219240 | Soil | 0.8 | 21.0 | 11.0 | 49 | <0.1 | 22.1 | 7.9 | 233 | 2.52 | 8.1 | 16.6 | 8.0 | 10 | <0.1 | 0.7 | 0.2 | 25 | 0.07 | 0.024 | 23 |
| 1219241 | Soil | 1.0 | 20.9 | 11.0 | 60 | 0.1 | 22.3 | 9.9 | 356 | 2.81 | 7.0 | 1.4 | 6.4 | 10 | <0.1 | 0.7 | 0.2 | 24 | 0.06 | 0.032 | 26 |
| 1219242 | Soil | 1.6 | 46.0 | 18.4 | 98 | <0.1 | 46.6 | 23.7 | 515 | 5.92 | 4.5 | 1.4 | 20.5 | 20 | <0.1 | 0.4 | 0.6 | 49 | 0.22 | 0.128 | 62 |
| 1219243 | Soil | 0.6 | 30.4 | 16.7 | 77 | <0.1 | 33.9 | 14.5 | 358 | 3.62 | 3.7 | 1.2 | 15.7 | 20 | <0.1 | 0.5 | 0.4 | 14 | 0.16 | 0.039 | 47 |
| 1219244 | Soil | 0.7 | 32.8 | 16.2 | 78 | <0.1 | 37.0 | 18.7 | 447 | 4.27 | 2.9 | 2.0 | 15.5 | 51 | <0.1 | 0.5 | 0.3 | 33 | 0.92 | 0.068 | 38 |
| 1219245 | Soil | 1.1 | 27.6 | 14.5 | 67 | <0.1 | 29.6 | 11.0 | 304 | 2.98 | 6.7 | 2.9 | 11.1 | 17 | <0.1 | 0.7 | 0.3 | 23 | 0.22 | 0.024 | 30 |
| 1219246 | Soil | 1.0 | 31.0 | 13.8 | 66 | <0.1 | 29.6 | 11.4 | 328 | 3.02 | 7.4 | 2.2 | 11.8 | 16 | <0.1 | 0.7 | 0.3 | 22 | 0.17 | 0.027 | 32 |
| 1219401 | Soil | 0.8 | 26.9 | 12.3 | 69 | <0.1 | 23.8 | 9.7 | 397 | 2.51 | 11.8 | 2.4 | 6.1 | 10 | 0.2 | 0.7 | 0.2 | 21 | 0.07 | 0.051 | 33 |
| 1219402 | Soil | 0.7 | 20.1 | 12.8 | 51 | <0.1 | 15.7 | 6.4 | 241 | 2.17 | 10.8 | 1.8 | 1.8 | 8 | 0.2 | 0.5 | 0.2 | 21 | 0.05 | 0.047 | 30 |
| 1219403 | Soil | 0.8 | 22.0 | 12.3 | 58 | <0.1 | 18.4 | 6.3 | 229 | 2.44 | 10.6 | 2.1 | 4.8 | 9 | 0.1 | 0.6 | 0.2 | 23 | 0.06 | 0.045 | 32 |
| 1219404 | Soil | 0.8 | 25.7 | 12.7 | 72 | <0.1 | 22.9 | 9.2 | 436 | 2.44 | 11.3 | 8.6 | 5.2 | 9 | 0.2 | 0.8 | 0.2 | 26 | 0.08 | 0.055 | 23 |
| 1219405 | Soil | 1.0 | 15.1 | 13.2 | 43 | <0.1 | 14.0 | 4.5 | 151 | 1.92 | 8.1 | 4.7 | 1.4 | 8 | 0.2 | 0.4 | 0.2 | 26 | 0.07 | 0.059 | 24 |
| 1219406 | Soil | 0.7 | 19.2 | 11.0 | 47 | <0.1 | 15.4 | 5.6 | 210 | 2.00 | 9.3 | 2.6 | 1.5 | 8 | <0.1 | 1.0 | 0.2 | 26 | 0.05 | 0.044 | 25 |
| 1219407 | Soil | 0.8 | 13.0 | 11.8 | 34 | <0.1 | 11.2 | 4.9 | 160 | 2.11 | 9.9 | 1.4 | 0.8 | 7 | <0.1 | 0.6 | 0.2 | 32 | 0.04 | 0.074 | 17 |
| 1219408 | Soil | 1.1 | 19.4 | 12.5 | 59 | <0.1 | 20.5 | 7.0 | 240 | 2.79 | 9.1 | 0.6 | 7.9 | 11 | 0.1 | 0.7 | 0.2 | 33 | 0.06 | 0.029 | 25 |
| 1219409 | Soil | 1.1 | 23.1 | 12.3 | 56 | <0.1 | 18.5 | 9.3 | 357 | 3.11 | 7.9 | 1.0 | 8.0 | 8 | <0.1 | 0.5 | 0.4 | 24 | 0.04 | 0.037 | 35 |
| 1219410 | Soil | 1.3 | 34.8 | 16.3 | 77 | <0.1 | 24.1 | 9.6 | 311 | 3.30 | 10.8 | 2.2 | 8.6 | 11 | 0.2 | 1.0 | 0.3 | 31 | 0.07 | 0.039 | 26 |
| 1219411 | Soil | 0.9 | 27.1 | 11.7 | 55 | <0.1 | 20.6 | 9.3 | 218 | 2.56 | 10.1 | 11.9 | 6.5 | 7 | 0.1 | 0.9 | 0.2 | 28 | 0.06 | 0.037 | 17 |
| 1219412 | Soil | 1.4 | 15.2 | 16.7 | 51 | <0.1 | 14.1 | 5.5 | 197 | 3.32 | 12.1 | 1.4 | 7.2 | 10 | <0.1 | 0.7 | 0.3 | 45 | 0.07 | 0.031 | 19 |
| 1219413 | Soil | 1.2 | 17.5 | 17.0 | 60 | <0.1 | 20.3 | 8.6 | 245 | 3.17 | 14.2 | 4.2 | 5.7 | 9 | 0.1 | 0.6 | 0.3 | 36 | 0.08 | 0.034 | 17 |
| 1219414 | Soil | 1.0 | 27.5 | 12.1 | 55 | <0.1 | 17.7 | 8.6 | 302 | 2.66 | 12.1 | 3.0 | 6.8 | 11 | 0.1 | 0.8 | 0.2 | 43 | 0.08 | 0.032 | 18 |

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 1300 - 111 West Georgia Street
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Project: Oliver
 Report Date: November 18, 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 | |
|----------------------------------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|--------|-----------|-----------|-----------|------|
| | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Hg ppm | Sc ppm | Tl ppm | S % | Ga ppm | Se ppm | Te ppm | |
| 1219231 | Soil | 12 | 0.31 | 89 | 0.006 | <1 | 0.91 | 0.005 | 0.05 | 0.1 | 0.01 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219232 | Soil | 15 | 0.33 | 108 | 0.010 | <1 | 1.04 | 0.006 | 0.05 | <0.1 | 0.02 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219233 | Soil | 13 | 0.26 | 77 | 0.008 | <1 | 0.73 | 0.004 | 0.04 | <0.1 | 0.02 | 1.5 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219234 | Soil | 19 | 0.36 | 239 | 0.008 | <1 | 1.29 | 0.006 | 0.05 | 0.2 | 0.03 | 2.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219235 | Soil | 10 | 0.13 | 132 | 0.003 | <1 | 0.65 | 0.008 | 0.05 | <0.1 | 0.07 | 2.0 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219236 | Soil | 14 | 0.24 | 145 | 0.008 | <1 | 0.84 | 0.006 | 0.05 | 0.1 | 0.04 | 1.9 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219237 | Soil | 16 | 0.30 | 244 | 0.013 | <1 | 0.94 | 0.007 | 0.06 | 0.1 | 0.01 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219238 | Soil | 16 | 0.32 | 147 | 0.011 | <1 | 0.97 | 0.005 | 0.06 | 0.1 | 0.02 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219239 | Soil | 16 | 0.34 | 190 | 0.017 | <1 | 0.98 | 0.005 | 0.06 | 0.1 | 0.02 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219240 | Soil | 17 | 0.33 | 168 | 0.015 | <1 | 0.93 | 0.006 | 0.05 | 0.2 | 0.02 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219241 | Soil | 15 | 0.30 | 156 | 0.010 | <1 | 0.92 | 0.005 | 0.05 | 0.2 | 0.01 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219242 | Soil | 15 | 0.70 | 93 | 0.004 | <1 | 1.21 | 0.007 | 0.05 | <0.1 | 0.02 | 4.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219243 | Soil | 12 | 0.24 | 97 | 0.004 | <1 | 0.68 | 0.007 | 0.06 | <0.1 | 0.06 | 2.2 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219244 | Soil | 12 | 0.39 | 93 | 0.001 | <1 | 0.85 | 0.007 | 0.10 | <0.1 | 0.06 | 3.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219245 | Soil | 16 | 0.32 | 301 | 0.013 | <1 | 1.00 | 0.007 | 0.06 | 0.1 | 0.04 | 2.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219246 | Soil | 17 | 0.37 | 216 | 0.012 | <1 | 0.98 | 0.008 | 0.05 | 0.1 | 0.04 | 2.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219401 | Soil | 15 | 0.30 | 93 | 0.012 | <1 | 0.94 | 0.005 | 0.05 | 0.2 | 0.04 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219402 | Soil | 15 | 0.27 | 74 | 0.007 | <1 | 0.99 | 0.004 | 0.05 | 0.2 | 0.05 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219403 | Soil | 17 | 0.34 | 83 | 0.011 | <1 | 1.11 | 0.004 | 0.04 | 0.2 | 0.04 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219404 | Soil | 17 | 0.35 | 110 | 0.018 | <1 | 1.17 | 0.005 | 0.05 | 0.2 | 0.05 | 2.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219405 | Soil | 18 | 0.30 | 70 | 0.014 | <1 | 1.06 | 0.006 | 0.04 | 0.2 | 0.03 | 1.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219406 | Soil | 16 | 0.27 | 78 | 0.011 | <1 | 1.00 | 0.005 | 0.05 | 0.1 | 0.03 | 1.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219407 | Soil | 18 | 0.29 | 88 | 0.014 | <1 | 1.09 | 0.005 | 0.04 | 0.2 | 0.05 | 1.2 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1219408 | Soil | 20 | 0.35 | 94 | 0.024 | <1 | 1.16 | 0.007 | 0.05 | 0.2 | 0.03 | 1.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219409 | Soil | 17 | 0.43 | 59 | 0.013 | <1 | 1.14 | 0.004 | 0.05 | 0.2 | 0.04 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219410 | Soil | 21 | 0.48 | 88 | 0.022 | <1 | 1.28 | 0.006 | 0.05 | 0.2 | 0.03 | 1.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219411 | Soil | 19 | 0.34 | 75 | 0.021 | <1 | 1.28 | 0.005 | 0.04 | 0.2 | 0.02 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219412 | Soil | 23 | 0.39 | 129 | 0.025 | <1 | 1.51 | 0.006 | 0.05 | 0.2 | 0.03 | 1.7 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 1219413 | Soil | 22 | 0.37 | 98 | 0.026 | <1 | 1.39 | 0.007 | 0.05 | 0.2 | 0.02 | 2.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219414 | Soil | 26 | 0.47 | 178 | 0.039 | <1 | 1.69 | 0.008 | 0.05 | 0.1 | 0.07 | 3.6 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |



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Project: Oliver
Report Date: November 18, 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 | |
|----------------|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm |
| 1219415 | Soil | | 1.0 | 12.1 | 12.4 | 37 | <0.1 | 11.2 | 4.6 | 178 | 2.42 | 10.2 | 1.0 | 2.7 | 8 | <0.1 | 0.6 | 0.2 | 46 | 0.06 | 0.032 | 14 |
| 1219416 | Soil | | 1.5 | 11.3 | 12.7 | 42 | <0.1 | 10.7 | 5.0 | 255 | 2.97 | 11.6 | 2.1 | 3.4 | 10 | <0.1 | 0.8 | 0.3 | 52 | 0.07 | 0.030 | 16 |
| 1219417 | Soil | | 1.1 | 12.8 | 11.6 | 50 | <0.1 | 12.5 | 6.3 | 306 | 2.69 | 11.1 | 1.6 | 1.6 | 8 | 0.1 | 0.7 | 0.2 | 44 | 0.05 | 0.034 | 15 |
| 1219418 | Soil | | 1.2 | 17.1 | 12.8 | 46 | <0.1 | 13.7 | 5.6 | 201 | 2.48 | 10.8 | 0.6 | 2.1 | 10 | 0.1 | 0.7 | 0.2 | 45 | 0.09 | 0.059 | 18 |
| 1219419 | Soil | | 1.0 | 26.2 | 17.2 | 63 | <0.1 | 28.4 | 11.9 | 171 | 3.23 | 12.6 | 2.2 | 9.9 | 8 | <0.1 | 0.6 | 0.3 | 27 | 0.03 | 0.035 | 24 |
| 1219420 | Soil | | 1.1 | 12.3 | 11.9 | 42 | <0.1 | 12.4 | 5.6 | 184 | 2.50 | 9.3 | 0.7 | 5.3 | 9 | <0.1 | 0.6 | 0.2 | 43 | 0.06 | 0.024 | 17 |
| 1219421 | Soil | | 1.1 | 21.3 | 13.4 | 44 | <0.1 | 17.7 | 7.0 | 164 | 2.59 | 9.6 | 2.3 | 4.8 | 11 | <0.1 | 0.7 | 0.3 | 26 | 0.06 | 0.025 | 12 |
| 1219422 | Soil | | 1.0 | 7.2 | 11.2 | 34 | <0.1 | 9.6 | 3.4 | 163 | 2.41 | 13.1 | 1.0 | 2.2 | 7 | 0.1 | 0.6 | 0.3 | 40 | 0.05 | 0.019 | 10 |
| 1219423 | Soil | | 0.9 | 14.8 | 11.9 | 44 | <0.1 | 16.8 | 6.9 | 207 | 2.46 | 10.8 | 1.7 | 3.0 | 7 | 0.1 | 0.7 | 0.2 | 33 | 0.05 | 0.036 | 12 |
| 1219424 | Soil | | 1.1 | 15.9 | 12.0 | 49 | <0.1 | 14.9 | 7.6 | 306 | 2.38 | 11.2 | 2.6 | 2.3 | 12 | 0.1 | 0.7 | 0.2 | 35 | 0.10 | 0.057 | 15 |
| 1219425 | Soil | | 0.9 | 15.2 | 13.6 | 38 | <0.1 | 12.9 | 5.6 | 178 | 2.26 | 10.1 | 3.5 | 3.5 | 8 | <0.1 | 0.6 | 0.2 | 33 | 0.05 | 0.033 | 15 |
| 1219426 | Soil | | 0.8 | 23.3 | 11.2 | 44 | <0.1 | 13.3 | 5.8 | 205 | 2.13 | 7.5 | 4.6 | 6.8 | 10 | 0.2 | 0.5 | 0.3 | 20 | 0.06 | 0.042 | 20 |
| 1219554 | Soil | | 0.7 | 15.2 | 11.4 | 44 | <0.1 | 15.0 | 6.9 | 280 | 2.17 | 11.9 | 6.1 | 3.4 | 8 | <0.1 | 0.7 | 0.2 | 31 | 0.05 | 0.031 | 12 |
| 1219555 | Soil | | 0.9 | 14.6 | 11.2 | 43 | <0.1 | 12.8 | 6.1 | 187 | 2.16 | 10.6 | 2.1 | 4.7 | 7 | <0.1 | 0.6 | 0.2 | 36 | 0.04 | 0.030 | 13 |
| 1219556 | Soil | | 0.7 | 21.6 | 11.0 | 63 | <0.1 | 34.9 | 14.6 | 211 | 3.28 | 36.3 | 4.3 | 10.5 | 10 | <0.1 | 0.6 | 0.3 | 26 | 0.04 | 0.025 | 27 |
| 1219557 | Soil | | 0.7 | 13.8 | 10.1 | 48 | <0.1 | 16.8 | 8.4 | 301 | 2.03 | 11.0 | 8.2 | 4.0 | 7 | 0.1 | 0.7 | 0.2 | 28 | 0.05 | 0.028 | 11 |
| 1219558 | Soil | | 0.7 | 10.8 | 11.1 | 32 | <0.1 | 9.4 | 4.0 | 152 | 1.75 | 8.5 | 1.7 | 1.9 | 8 | 0.1 | 0.4 | 0.2 | 32 | 0.06 | 0.071 | 11 |
| 1219559 | Soil | | 0.8 | 32.4 | 11.8 | 53 | <0.1 | 21.8 | 8.9 | 300 | 2.45 | 11.1 | 2.4 | 6.2 | 11 | <0.1 | 0.9 | 0.2 | 44 | 0.06 | 0.017 | 17 |
| 1219560 | Soil | | 0.8 | 25.4 | 11.6 | 56 | <0.1 | 22.4 | 9.8 | 336 | 2.44 | 7.5 | 1.5 | 6.9 | 11 | <0.1 | 0.7 | 0.2 | 32 | 0.06 | 0.022 | 22 |
| 1219561 | Soil | | 0.7 | 11.4 | 11.1 | 37 | <0.1 | 10.8 | 4.9 | 151 | 1.87 | 8.4 | 3.4 | 3.7 | 8 | <0.1 | 0.5 | 0.2 | 38 | 0.05 | 0.024 | 13 |
| 1219562 | Soil | | 0.9 | 14.2 | 10.7 | 37 | <0.1 | 13.4 | 4.4 | 132 | 2.01 | 6.8 | 1.6 | 5.3 | 8 | <0.1 | 0.5 | 0.2 | 33 | 0.04 | 0.014 | 15 |
| 1218224 | Soil | | 0.6 | 19.2 | 12.0 | 55 | <0.1 | 19.0 | 8.5 | 379 | 2.18 | 8.5 | 3.7 | 6.5 | 13 | <0.1 | 0.6 | 0.2 | 25 | 0.08 | 0.030 | 25 |
| 1218225 | Soil | | 0.5 | 20.4 | 10.3 | 48 | <0.1 | 19.6 | 8.2 | 296 | 1.98 | 8.9 | 22.5 | 9.4 | 5 | <0.1 | 0.7 | 0.2 | 15 | 0.04 | 0.023 | 26 |
| 1218226 | Soil | | 0.7 | 13.9 | 11.6 | 39 | <0.1 | 14.2 | 5.8 | 196 | 1.93 | 9.5 | 1.7 | 4.5 | 12 | <0.1 | 0.5 | 0.2 | 27 | 0.12 | 0.033 | 16 |
| 1218227 | Soil | | 1.0 | 7.8 | 10.6 | 39 | <0.1 | 10.3 | 6.9 | 295 | 2.04 | 11.4 | 3.6 | 3.9 | 13 | 0.1 | 0.6 | 0.2 | 33 | 0.10 | 0.022 | 13 |
| 1218228 | Soil | | 0.6 | 25.3 | 13.9 | 57 | <0.1 | 24.1 | 10.2 | 515 | 2.33 | 7.2 | 4.0 | 9.0 | 24 | <0.1 | 0.5 | 0.3 | 23 | 0.28 | 0.052 | 32 |
| 1218229 | 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. |
| 1218230 | Soil | | 1.1 | 10.5 | 9.4 | 41 | <0.1 | 11.7 | 4.6 | 197 | 1.93 | 13.9 | 56.0 | 2.9 | 7 | 0.1 | 1.0 | 0.2 | 26 | 0.04 | 0.044 | 12 |
| 1218231 | Soil | | 0.8 | 22.2 | 9.3 | 46 | <0.1 | 17.7 | 7.2 | 292 | 1.89 | 10.7 | 3.1 | 4.2 | 15 | <0.1 | 0.9 | 0.2 | 27 | 0.13 | 0.052 | 16 |
| 1218232 | Soil | | 0.8 | 11.2 | 12.9 | 39 | <0.1 | 14.3 | 4.7 | 207 | 2.01 | 10.0 | 3.6 | 5.2 | 11 | <0.1 | 0.8 | 0.2 | 25 | 0.10 | 0.021 | 14 |

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CERTIFICATE OF ANALYSIS

WHI11000989.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | MDL | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1219415 | Soil | 22 | 0.33 | 118 | 0.024 | <1 | 1.45 | 0.005 | 0.03 | 0.2 | 0.02 | 1.9 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1219416 | Soil | 24 | 0.35 | 91 | 0.029 | <1 | 1.40 | 0.006 | 0.03 | 0.2 | 0.02 | 1.9 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 1219417 | Soil | 23 | 0.38 | 108 | 0.024 | <1 | 1.46 | 0.006 | 0.04 | 0.2 | 0.03 | 1.7 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1219418 | Soil | 25 | 0.42 | 126 | 0.030 | <1 | 1.55 | 0.007 | 0.05 | 0.2 | 0.02 | 2.5 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1219419 | Soil | 15 | 0.20 | 91 | 0.010 | <1 | 1.17 | 0.005 | 0.04 | 0.1 | 0.02 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219420 | Soil | 22 | 0.30 | 143 | 0.026 | <1 | 1.45 | 0.006 | 0.04 | 0.2 | 0.02 | 2.2 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1219421 | Soil | 15 | 0.30 | 137 | 0.013 | 1 | 1.00 | 0.006 | 0.04 | 0.1 | 0.02 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219422 | Soil | 15 | 0.25 | 85 | 0.027 | 2 | 0.90 | 0.004 | 0.04 | 0.2 | 0.02 | 1.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219423 | Soil | 18 | 0.31 | 140 | 0.015 | <1 | 1.23 | 0.005 | 0.03 | 0.2 | 0.03 | 1.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219424 | Soil | 20 | 0.39 | 188 | 0.019 | 1 | 1.17 | 0.007 | 0.04 | 0.2 | 0.03 | 2.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219425 | Soil | 18 | 0.32 | 117 | 0.017 | 1 | 1.14 | 0.005 | 0.03 | 0.1 | 0.02 | 1.4 | <0.1 | <0.05 | 4 | 0.7 | <0.2 |
| 1219426 | Soil | 14 | 0.35 | 71 | 0.014 | 1 | 0.81 | 0.005 | 0.03 | 0.1 | 0.02 | 1.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219554 | Soil | 21 | 0.36 | 124 | 0.024 | <1 | 1.08 | 0.006 | 0.03 | 0.2 | 0.04 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219555 | Soil | 22 | 0.33 | 155 | 0.020 | <1 | 1.30 | 0.006 | 0.03 | 0.2 | 0.03 | 2.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219556 | Soil | 16 | 0.23 | 141 | 0.015 | <1 | 0.96 | 0.006 | 0.03 | 0.1 | 0.02 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219557 | Soil | 18 | 0.34 | 120 | 0.023 | <1 | 0.97 | 0.005 | 0.03 | 0.2 | 0.03 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219558 | Soil | 17 | 0.24 | 142 | 0.016 | <1 | 0.98 | 0.005 | 0.03 | 0.2 | 0.03 | 1.7 | <0.1 | <0.05 | 4 | 0.7 | <0.2 |
| 1219559 | Soil | 26 | 0.47 | 232 | 0.052 | 1 | 1.53 | 0.014 | 0.04 | 0.2 | 0.06 | 5.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219560 | Soil | 20 | 0.42 | 221 | 0.036 | 1 | 1.10 | 0.008 | 0.04 | 0.2 | 0.05 | 3.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219561 | Soil | 19 | 0.33 | 163 | 0.030 | <1 | 1.16 | 0.008 | 0.03 | 0.2 | 0.02 | 2.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219562 | Soil | 18 | 0.34 | 130 | 0.026 | <1 | 1.12 | 0.006 | 0.04 | 0.2 | 0.03 | 1.8 | <0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 1218224 | Soil | 16 | 0.34 | 192 | 0.023 | <1 | 0.93 | 0.006 | 0.04 | 0.2 | 0.04 | 2.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218225 | Soil | 11 | 0.27 | 91 | 0.007 | <1 | 0.78 | 0.006 | 0.05 | 0.2 | 0.03 | 1.8 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218226 | Soil | 16 | 0.30 | 165 | 0.014 | <1 | 1.02 | 0.007 | 0.04 | 0.2 | 0.04 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218227 | Soil | 16 | 0.26 | 94 | 0.019 | <1 | 0.94 | 0.004 | 0.04 | 0.2 | <0.01 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218228 | Soil | 17 | 0.44 | 271 | 0.014 | <1 | 1.13 | 0.006 | 0.04 | 0.1 | 0.04 | 2.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218229 | 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. |
| 1218230 | Soil | 11 | 0.21 | 58 | 0.020 | <1 | 0.62 | 0.003 | 0.05 | 0.4 | 0.02 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218231 | Soil | 15 | 0.31 | 233 | 0.021 | <1 | 0.87 | 0.005 | 0.04 | 0.2 | 0.03 | 2.6 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1218232 | Soil | 13 | 0.27 | 110 | 0.016 | 1 | 0.81 | 0.004 | 0.06 | 0.2 | 0.02 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

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 1300 - 111 West Georgia Street
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Project: Oliver
 Report Date: November 18, 2011

Page: 10 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000989.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1218233 | Soil | 0.4 | 18.0 | 15.9 | 44 | <0.1 | 16.2 | 7.7 | 238 | 2.45 | 6.0 | 1.8 | 14.7 | 18 | <0.1 | 0.4 | 0.3 | 10 | 0.20 | 0.022 | 44 |
| 1218234 | Soil | 0.4 | 29.3 | 18.5 | 61 | <0.1 | 25.9 | 12.9 | 522 | 2.79 | 5.0 | 1.0 | 15.1 | 32 | <0.1 | 0.2 | 0.4 | 10 | 0.41 | 0.039 | 48 |
| 1218235 | Soil | 0.8 | 14.0 | 16.6 | 47 | <0.1 | 17.4 | 7.3 | 289 | 2.10 | 8.4 | 1.4 | 9.9 | 16 | <0.1 | 0.4 | 0.2 | 18 | 0.16 | 0.029 | 26 |
| 1218236 | Soil | 0.4 | 19.1 | 14.3 | 50 | <0.1 | 17.4 | 7.1 | 307 | 2.05 | 4.3 | 0.8 | 9.8 | 40 | <0.1 | 0.3 | 0.2 | 12 | 0.51 | 0.038 | 42 |
| 1218237 | Soil | 0.8 | 16.7 | 12.0 | 38 | <0.1 | 12.4 | 5.1 | 226 | 2.10 | 8.6 | 1.9 | 1.1 | 8 | <0.1 | 0.6 | 0.2 | 27 | 0.05 | 0.046 | 16 |
| 1218238 | Soil | 0.7 | 15.4 | 8.9 | 46 | <0.1 | 15.9 | 6.4 | 272 | 1.76 | 9.4 | 2.5 | 3.9 | 9 | <0.1 | 0.7 | 0.2 | 20 | 0.08 | 0.044 | 13 |
| 1218239 | Soil | 0.9 | 15.5 | 9.5 | 35 | <0.1 | 11.4 | 3.5 | 110 | 1.91 | 9.0 | 7.0 | 0.9 | 9 | <0.1 | 0.5 | 0.2 | 24 | 0.05 | 0.032 | 16 |
| 1218240 | Soil | 0.8 | 10.4 | 10.4 | 34 | <0.1 | 10.2 | 3.7 | 107 | 1.93 | 5.9 | 1.4 | 5.2 | 7 | <0.1 | 0.5 | 0.2 | 26 | 0.04 | 0.028 | 20 |
| 1218241 | Soil | 0.9 | 9.5 | 10.0 | 34 | <0.1 | 10.1 | 5.4 | 251 | 2.04 | 8.8 | 15.8 | 3.6 | 7 | 0.1 | 0.6 | 0.2 | 32 | 0.04 | 0.031 | 12 |
| 1218242 | Soil | 0.9 | 9.5 | 10.4 | 32 | <0.1 | 8.1 | 3.4 | 121 | 1.80 | 8.4 | 2.2 | 1.8 | 7 | <0.1 | 0.4 | 0.2 | 32 | 0.05 | 0.054 | 13 |
| 1218243 | Soil | 1.1 | 17.9 | 11.0 | 51 | <0.1 | 21.1 | 6.7 | 174 | 2.82 | 9.0 | 4.8 | 6.3 | 7 | <0.1 | 0.6 | 0.2 | 33 | 0.04 | 0.024 | 19 |
| 1218244 | Soil | 0.9 | 17.5 | 11.6 | 43 | <0.1 | 15.4 | 7.2 | 212 | 2.18 | 10.7 | 3.0 | 5.2 | 8 | 0.1 | 0.8 | 0.2 | 33 | 0.06 | 0.030 | 19 |
| 1218245 | Soil | 1.1 | 12.3 | 11.5 | 47 | 0.1 | 16.9 | 8.0 | 218 | 2.38 | 10.6 | 1.2 | 4.1 | 9 | 0.2 | 0.7 | 0.2 | 42 | 0.07 | 0.027 | 13 |
| 1218246 | Soil | 1.0 | 13.8 | 10.5 | 42 | <0.1 | 12.9 | 6.5 | 207 | 1.98 | 8.8 | 2.9 | 1.7 | 9 | <0.1 | 0.7 | 0.2 | 31 | 0.06 | 0.033 | 14 |
| 1218247 | Soil | 0.7 | 26.4 | 14.3 | 57 | <0.1 | 21.8 | 9.6 | 315 | 2.44 | 7.7 | 3.0 | 6.9 | 9 | <0.1 | 1.0 | 0.2 | 24 | 0.05 | 0.029 | 30 |
| 1218248 | Soil | 0.7 | 15.9 | 11.5 | 40 | <0.1 | 13.9 | 6.4 | 213 | 1.82 | 8.5 | 2.9 | 4.1 | 9 | 0.2 | 0.7 | 0.2 | 28 | 0.06 | 0.039 | 18 |
| 1218249 | Soil | 0.9 | 23.0 | 11.0 | 46 | <0.1 | 16.5 | 6.6 | 217 | 2.15 | 7.9 | 3.6 | 6.8 | 9 | <0.1 | 0.7 | 0.2 | 31 | 0.06 | 0.028 | 23 |
| 1218250 | Soil | 0.7 | 16.5 | 11.6 | 34 | <0.1 | 13.5 | 5.6 | 137 | 2.08 | 7.3 | 2.1 | 1.0 | 8 | <0.1 | 0.4 | 0.3 | 27 | 0.05 | 0.079 | 24 |
| 1219551 | Soil | 0.9 | 19.4 | 12.4 | 48 | <0.1 | 16.5 | 8.3 | 301 | 2.39 | 11.9 | 4.2 | 4.0 | 10 | <0.1 | 0.7 | 0.2 | 39 | 0.07 | 0.039 | 16 |
| 1219552 | Soil | 0.8 | 22.6 | 12.3 | 54 | <0.1 | 21.8 | 9.2 | 337 | 2.20 | 12.1 | 8.7 | 4.3 | 11 | 0.1 | 0.9 | 0.2 | 31 | 0.07 | 0.030 | 17 |
| 1219553 | Soil | 0.9 | 12.6 | 11.3 | 40 | <0.1 | 13.0 | 6.1 | 194 | 2.19 | 11.0 | 2.1 | 4.1 | 8 | <0.1 | 0.6 | 0.2 | 39 | 0.06 | 0.026 | 13 |
| 1219161 | Soil | 1.1 | 14.6 | 15.3 | 54 | <0.1 | 21.5 | 7.8 | 149 | 2.39 | 19.4 | 4.3 | 10.9 | 10 | <0.1 | 1.0 | 0.2 | 23 | 0.03 | 0.034 | 31 |
| 1219162 | Soil | 1.0 | 14.4 | 11.0 | 42 | <0.1 | 16.7 | 6.7 | 217 | 2.18 | 11.8 | 2.9 | 5.7 | 8 | <0.1 | 0.8 | 0.2 | 38 | 0.05 | 0.017 | 13 |
| 1219163 | Soil | 0.6 | 22.8 | 9.7 | 42 | <0.1 | 16.5 | 7.6 | 229 | 1.91 | 10.9 | 2.7 | 5.4 | 10 | <0.1 | 0.8 | 0.1 | 28 | 0.09 | 0.023 | 15 |
| 1219164 | Soil | 0.9 | 10.1 | 9.7 | 38 | <0.1 | 12.7 | 5.9 | 170 | 2.03 | 32.5 | 6.5 | 4.3 | 7 | <0.1 | 0.9 | 0.2 | 25 | 0.04 | 0.031 | 11 |
| 1219165 | Soil | 0.6 | 14.1 | 14.3 | 33 | <0.1 | 13.4 | 4.3 | 105 | 1.72 | 97.8 | 14.2 | 4.7 | 12 | <0.1 | 0.7 | 0.2 | 20 | 0.06 | 0.028 | 16 |
| 1219166 | Soil | 0.5 | 12.2 | 8.3 | 35 | <0.1 | 13.9 | 6.8 | 181 | 1.65 | 10.5 | 3.2 | 4.2 | 11 | <0.1 | 0.6 | 0.1 | 25 | 0.10 | 0.030 | 10 |
| 1219167 | Soil | 0.8 | 7.8 | 8.5 | 32 | <0.1 | 10.3 | 4.1 | 136 | 1.81 | 11.3 | 2.4 | 3.5 | 6 | <0.1 | 0.8 | 0.1 | 28 | 0.03 | 0.024 | 11 |
| 1219168 | Soil | 0.9 | 5.5 | 12.6 | 33 | <0.1 | 7.5 | 2.9 | 218 | 1.55 | 5.8 | 3.5 | 1.7 | 8 | 0.2 | 0.5 | 0.2 | 37 | 0.07 | 0.042 | 15 |
| 1219169 | Soil | 0.7 | 6.8 | 9.3 | 36 | <0.1 | 12.0 | 7.5 | 450 | 1.79 | 6.8 | 1.4 | 3.3 | 13 | <0.1 | 0.5 | 0.1 | 37 | 0.13 | 0.020 | 10 |

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Project: Oliver
 Report Date: November 18, 2011

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CERTIFICATE OF ANALYSIS

WHI11000989.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1218233 | Soil | 9 | 0.28 | 86 | 0.003 | <1 | 0.79 | 0.003 | 0.06 | <0.1 | 0.04 | 1.1 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218234 | Soil | 11 | 0.39 | 85 | 0.003 | <1 | 0.95 | 0.005 | 0.05 | <0.1 | 0.09 | 1.7 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218235 | Soil | 13 | 0.31 | 111 | 0.012 | 1 | 0.87 | 0.005 | 0.08 | 0.1 | 0.01 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218236 | Soil | 11 | 0.33 | 145 | 0.005 | <1 | 0.83 | 0.005 | 0.05 | <0.1 | 0.05 | 1.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218237 | Soil | 17 | 0.31 | 67 | 0.010 | <1 | 0.98 | 0.004 | 0.04 | 0.1 | 0.03 | 0.8 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1218238 | Soil | 14 | 0.32 | 79 | 0.018 | <1 | 0.80 | 0.004 | 0.04 | 0.2 | 0.03 | 1.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218239 | Soil | 15 | 0.35 | 73 | 0.010 | <1 | 0.97 | 0.005 | 0.04 | 0.1 | 0.02 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218240 | Soil | 15 | 0.29 | 67 | 0.018 | <1 | 0.98 | 0.005 | 0.04 | 0.1 | 0.02 | 1.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218241 | Soil | 16 | 0.32 | 62 | 0.027 | 1 | 0.87 | 0.006 | 0.04 | 0.2 | 0.02 | 1.3 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1218242 | Soil | 18 | 0.31 | 74 | 0.021 | <1 | 1.04 | 0.005 | 0.03 | 0.2 | 0.02 | 1.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218243 | Soil | 22 | 0.48 | 102 | 0.019 | <1 | 1.45 | 0.006 | 0.04 | 0.2 | 0.02 | 1.9 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1218244 | Soil | 19 | 0.36 | 146 | 0.023 | <1 | 1.23 | 0.006 | 0.04 | 0.2 | 0.02 | 2.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218245 | Soil | 23 | 0.37 | 219 | 0.031 | <1 | 1.64 | 0.007 | 0.04 | 0.2 | 0.02 | 2.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218246 | Soil | 18 | 0.32 | 127 | 0.019 | 2 | 1.10 | 0.006 | 0.04 | 0.1 | 0.03 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218247 | Soil | 15 | 0.28 | 116 | 0.015 | 1 | 0.88 | 0.005 | 0.04 | 0.1 | 0.05 | 2.0 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218248 | Soil | 16 | 0.29 | 113 | 0.024 | 1 | 0.92 | 0.006 | 0.04 | 0.2 | 0.02 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218249 | Soil | 21 | 0.41 | 144 | 0.026 | 1 | 1.23 | 0.012 | 0.06 | 0.2 | 0.03 | 3.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218250 | Soil | 16 | 0.27 | 121 | 0.010 | <1 | 0.96 | 0.005 | 0.03 | <0.1 | 0.03 | 0.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219551 | Soil | 23 | 0.40 | 234 | 0.026 | 2 | 1.34 | 0.007 | 0.04 | 0.2 | 0.04 | 3.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219552 | Soil | 19 | 0.39 | 221 | 0.023 | 1 | 1.04 | 0.007 | 0.05 | 0.2 | 0.02 | 3.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219553 | Soil | 22 | 0.35 | 156 | 0.027 | <1 | 1.21 | 0.007 | 0.04 | 0.2 | 0.04 | 2.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219161 | Soil | 14 | 0.17 | 128 | 0.006 | <1 | 0.92 | 0.006 | 0.08 | 0.1 | 0.02 | 1.4 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219162 | Soil | 23 | 0.38 | 161 | 0.036 | 1 | 1.35 | 0.016 | 0.04 | 0.2 | 0.01 | 2.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219163 | Soil | 17 | 0.33 | 217 | 0.018 | <1 | 1.00 | 0.007 | 0.04 | 0.1 | 0.04 | 2.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219164 | Soil | 15 | 0.28 | 88 | 0.016 | <1 | 0.83 | 0.004 | 0.04 | 0.2 | 0.01 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219165 | Soil | 12 | 0.24 | 134 | 0.007 | 1 | 0.80 | 0.003 | 0.05 | 0.1 | 0.03 | 1.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219166 | Soil | 14 | 0.27 | 166 | 0.017 | <1 | 0.87 | 0.005 | 0.03 | 0.1 | <0.01 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219167 | Soil | 14 | 0.23 | 102 | 0.017 | <1 | 0.80 | 0.004 | 0.04 | 0.2 | <0.01 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219168 | Soil | 13 | 0.14 | 123 | 0.025 | 1 | 0.66 | 0.005 | 0.04 | 0.1 | <0.01 | 0.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219169 | Soil | 18 | 0.31 | 297 | 0.028 | 1 | 1.07 | 0.006 | 0.05 | 0.1 | <0.01 | 1.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |



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Project: Oliver
 Report Date: November 18, 2011

Page: 11 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000989.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1219170 | Soil | 1.1 | 11.8 | 12.4 | 75 | 0.1 | 13.5 | 7.5 | 333 | 2.79 | 10.7 | 1.0 | 6.1 | 16 | 0.2 | 1.0 | 0.1 | 50 | 0.15 | 0.046 | 13 |
| 1219171 | Soil | 0.7 | 12.8 | 9.2 | 49 | <0.1 | 14.2 | 6.4 | 280 | 1.91 | 8.7 | 0.9 | 5.1 | 12 | <0.1 | 0.8 | 0.1 | 28 | 0.14 | 0.029 | 11 |
| 1219172 | Soil | 0.4 | 15.6 | 14.5 | 39 | <0.1 | 17.9 | 7.2 | 306 | 1.74 | 28.3 | 5.5 | 8.0 | 147 | 0.1 | 4.4 | 0.2 | 12 | 2.11 | 0.040 | 26 |
| 1219173 | Soil | 0.5 | 7.5 | 7.8 | 32 | <0.1 | 10.9 | 4.2 | 127 | 1.52 | 8.3 | 0.5 | 3.2 | 9 | <0.1 | 0.7 | 0.1 | 22 | 0.10 | 0.024 | 9 |
| 1219174 | Soil | 0.7 | 9.1 | 7.3 | 34 | <0.1 | 12.2 | 4.6 | 137 | 1.61 | 12.1 | 1.0 | 3.4 | 10 | <0.1 | 0.7 | 0.1 | 21 | 0.09 | 0.041 | 9 |
| 1219175 | Soil | 0.7 | 26.6 | 17.2 | 62 | <0.1 | 26.7 | 11.0 | 307 | 2.43 | 11.2 | 2.7 | 15.4 | 24 | <0.1 | 0.8 | 0.3 | 10 | 0.22 | 0.032 | 38 |
| 1219176 | Soil | 0.4 | 17.1 | 11.3 | 48 | <0.1 | 18.8 | 7.2 | 188 | 1.95 | 9.8 | 2.4 | 8.2 | 35 | <0.1 | 0.9 | 0.2 | 14 | 0.37 | 0.039 | 23 |
| 1219177 | Soil | 0.5 | 15.0 | 12.6 | 44 | <0.1 | 18.0 | 6.5 | 213 | 1.79 | 8.8 | 2.1 | 6.4 | 53 | 0.1 | 0.7 | 0.2 | 11 | 0.58 | 0.048 | 22 |
| 1219178 | Soil | 0.5 | 10.8 | 8.9 | 35 | <0.1 | 12.7 | 5.7 | 234 | 1.63 | 7.5 | 2.2 | 4.7 | 23 | <0.1 | 0.5 | 0.2 | 23 | 0.29 | 0.029 | 14 |
| 1219179 | Soil | 0.6 | 7.5 | 6.5 | 26 | <0.1 | 10.4 | 3.7 | 110 | 1.30 | 7.4 | 1.3 | 3.6 | 9 | <0.1 | 0.5 | 0.1 | 20 | 0.10 | 0.024 | 10 |
| 1219180 | Soil | 0.8 | 11.2 | 9.9 | 40 | 0.2 | 12.5 | 5.5 | 174 | 1.90 | 7.9 | 2.4 | 4.6 | 10 | <0.1 | 0.5 | 0.2 | 28 | 0.07 | 0.039 | 14 |
| 1219181 | Soil | 0.8 | 10.6 | 9.1 | 37 | 0.2 | 11.6 | 5.0 | 148 | 1.73 | 8.3 | 0.7 | 3.7 | 10 | 0.2 | 0.5 | 0.2 | 30 | 0.07 | 0.038 | 12 |
| 1219182 | Soil | 0.7 | 12.6 | 8.8 | 36 | <0.1 | 12.6 | 4.8 | 189 | 1.59 | 6.8 | 10.7 | 4.4 | 6 | <0.1 | 0.5 | 0.2 | 22 | 0.04 | 0.035 | 17 |
| 1219183 | Soil | 1.1 | 8.1 | 11.5 | 48 | <0.1 | 10.8 | 5.6 | 343 | 2.53 | 11.0 | 1.3 | 4.2 | 7 | 0.1 | 0.7 | 0.2 | 38 | 0.05 | 0.061 | 11 |
| 1219184 | Soil | 0.9 | 10.0 | 10.5 | 37 | <0.1 | 9.4 | 4.5 | 203 | 2.07 | 9.2 | 1.4 | 3.2 | 7 | <0.1 | 0.5 | 0.2 | 33 | 0.06 | 0.043 | 12 |
| 1219185 | Soil | 0.9 | 10.6 | 9.5 | 45 | <0.1 | 11.9 | 5.5 | 268 | 1.88 | 9.5 | 11.3 | 3.6 | 8 | 0.1 | 0.7 | 0.2 | 30 | 0.06 | 0.044 | 12 |
| 1219186 | Soil | 0.9 | 9.2 | 9.8 | 33 | <0.1 | 9.2 | 3.4 | 142 | 1.82 | 9.0 | 0.6 | 2.1 | 7 | <0.1 | 0.6 | 0.2 | 32 | 0.05 | 0.059 | 14 |
| 1219187 | Soil | 0.7 | 23.5 | 9.8 | 45 | <0.1 | 16.2 | 7.7 | 342 | 1.96 | 10.1 | 2.9 | 4.7 | 9 | <0.1 | 0.7 | 0.2 | 26 | 0.06 | 0.045 | 18 |
| 1219188 | Soil | 0.7 | 20.4 | 9.1 | 43 | <0.1 | 15.1 | 6.6 | 261 | 1.70 | 8.9 | 1.5 | 3.9 | 9 | 0.1 | 0.7 | 0.2 | 23 | 0.08 | 0.053 | 15 |
| 1219189 | Soil | 0.9 | 10.0 | 10.0 | 36 | <0.1 | 9.7 | 4.9 | 226 | 1.61 | 7.6 | 1.8 | 1.8 | 7 | <0.1 | 0.4 | 0.2 | 31 | 0.06 | 0.068 | 14 |
| 1219190 | Soil | 0.8 | 21.4 | 10.6 | 48 | <0.1 | 19.6 | 7.5 | 265 | 1.95 | 8.0 | 1.8 | 5.1 | 10 | <0.1 | 0.6 | 0.1 | 26 | 0.09 | 0.036 | 22 |
| 1219191 | Soil | 1.2 | 11.5 | 9.7 | 47 | <0.1 | 15.0 | 15.1 | 808 | 2.17 | 9.7 | 9.0 | 2.3 | 8 | 0.1 | 0.7 | 0.2 | 33 | 0.09 | 0.063 | 14 |
| 1219192 | Soil | 0.8 | 20.2 | 9.0 | 51 | <0.1 | 21.6 | 9.6 | 314 | 1.89 | 9.0 | 6.6 | 3.9 | 10 | 0.2 | 0.7 | 0.1 | 26 | 0.10 | 0.046 | 16 |
| 1219193 | Soil | 0.8 | 22.4 | 11.5 | 54 | <0.1 | 20.6 | 8.0 | 191 | 1.98 | 10.9 | 2.8 | 4.6 | 8 | 0.2 | 0.7 | 0.2 | 33 | 0.09 | 0.052 | 15 |
| 1219194 | Soil | 0.9 | 20.6 | 9.5 | 61 | <0.1 | 22.2 | 9.8 | 412 | 2.19 | 10.0 | 5.0 | 3.6 | 10 | 0.2 | 0.7 | 0.1 | 29 | 0.10 | 0.062 | 20 |
| 1219195 | Soil | 0.9 | 15.1 | 10.6 | 42 | <0.1 | 16.4 | 6.2 | 227 | 1.90 | 8.2 | 2.3 | 2.7 | 9 | 0.1 | 0.6 | 0.2 | 34 | 0.09 | 0.047 | 17 |
| 1219196 | Soil | 1.0 | 25.4 | 11.8 | 50 | <0.1 | 19.0 | 9.5 | 351 | 2.28 | 10.5 | 2.9 | 2.5 | 8 | 0.2 | 0.7 | 0.2 | 38 | 0.07 | 0.056 | 19 |
| 1219197 | Soil | 1.0 | 15.8 | 12.4 | 57 | <0.1 | 21.5 | 10.6 | 486 | 2.30 | 9.7 | 1.9 | 4.1 | 9 | 0.2 | 0.7 | 0.2 | 33 | 0.08 | 0.052 | 18 |
| 1219198 | Soil | 1.0 | 25.5 | 11.4 | 58 | <0.1 | 29.8 | 11.5 | 345 | 2.62 | 8.4 | 2.5 | 4.8 | 8 | 0.1 | 0.8 | 0.2 | 37 | 0.08 | 0.041 | 27 |
| 1219199 | Soil | 0.9 | 19.8 | 8.8 | 53 | <0.1 | 22.3 | 8.3 | 290 | 2.19 | 7.9 | 7.3 | 3.6 | 11 | 0.1 | 0.7 | 0.2 | 36 | 0.10 | 0.034 | 22 |

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Project: Oliver
 Report Date: November 18, 2011

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CERTIFICATE OF ANALYSIS

WHI11000989.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1219170 | Soil | 32 | 0.38 | 223 | 0.043 | 2 | 1.10 | 0.009 | 0.15 | 0.1 | 0.05 | 4.2 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219171 | Soil | 18 | 0.27 | 145 | 0.018 | 2 | 0.80 | 0.004 | 0.06 | 0.1 | 0.02 | 2.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219172 | Soil | 11 | 0.45 | 225 | 0.002 | 6 | 0.52 | 0.008 | 0.11 | <0.1 | 0.23 | 3.5 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 1219173 | Soil | 11 | 0.20 | 117 | 0.017 | 1 | 0.65 | 0.004 | 0.05 | 0.2 | <0.01 | 1.0 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219174 | Soil | 10 | 0.21 | 88 | 0.015 | <1 | 0.56 | 0.003 | 0.04 | 0.1 | <0.01 | 1.0 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219175 | Soil | 10 | 0.20 | 83 | 0.005 | 1 | 0.48 | 0.005 | 0.06 | <0.1 | 0.09 | 1.5 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219176 | Soil | 12 | 0.35 | 104 | 0.010 | 2 | 0.71 | 0.006 | 0.07 | 0.1 | 0.07 | 1.6 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219177 | Soil | 10 | 0.38 | 96 | 0.007 | 2 | 0.52 | 0.005 | 0.05 | 0.2 | 0.06 | 1.2 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 1219178 | Soil | 14 | 0.28 | 188 | 0.013 | 1 | 0.83 | 0.005 | 0.05 | 0.2 | 0.02 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219179 | Soil | 10 | 0.22 | 91 | 0.017 | <1 | 0.62 | 0.005 | 0.04 | 0.1 | <0.01 | 1.1 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219180 | Soil | 15 | 0.27 | 156 | 0.018 | <1 | 0.88 | 0.005 | 0.05 | 0.1 | 0.03 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219181 | Soil | 15 | 0.26 | 196 | 0.020 | 2 | 0.90 | 0.005 | 0.04 | 0.1 | 0.01 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219182 | Soil | 13 | 0.25 | 64 | 0.016 | <1 | 0.78 | 0.004 | 0.04 | 0.1 | 0.02 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219183 | Soil | 20 | 0.32 | 68 | 0.025 | <1 | 1.16 | 0.005 | 0.04 | 0.2 | 0.03 | 1.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219184 | Soil | 20 | 0.28 | 83 | 0.021 | 1 | 1.18 | 0.005 | 0.04 | 0.1 | 0.03 | 2.1 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1219185 | Soil | 17 | 0.29 | 68 | 0.022 | 1 | 0.96 | 0.006 | 0.04 | 0.2 | 0.02 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219186 | Soil | 18 | 0.26 | 60 | 0.020 | <1 | 0.98 | 0.004 | 0.03 | 0.1 | 0.02 | 1.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219187 | Soil | 15 | 0.32 | 143 | 0.020 | <1 | 0.97 | 0.005 | 0.04 | 0.2 | 0.04 | 2.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219188 | Soil | 15 | 0.31 | 92 | 0.019 | <1 | 0.86 | 0.005 | 0.04 | 0.1 | 0.04 | 2.3 | <0.1 | <0.05 | 2 | 0.5 | <0.2 |
| 1219189 | Soil | 17 | 0.21 | 82 | 0.018 | <1 | 1.04 | 0.003 | 0.03 | 0.2 | 0.04 | 1.4 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219190 | Soil | 18 | 0.29 | 250 | 0.019 | <1 | 0.91 | 0.005 | 0.04 | 0.2 | 0.05 | 1.8 | <0.1 | 0.07 | 3 | <0.5 | <0.2 |
| 1219191 | Soil | 21 | 0.32 | 77 | 0.026 | <1 | 1.06 | 0.004 | 0.04 | 0.2 | 0.05 | 1.8 | <0.1 | 0.08 | 3 | <0.5 | <0.2 |
| 1219192 | Soil | 16 | 0.29 | 136 | 0.021 | <1 | 0.86 | 0.003 | 0.04 | 0.2 | 0.02 | 1.8 | <0.1 | 0.09 | 2 | <0.5 | <0.2 |
| 1219193 | Soil | 21 | 0.34 | 114 | 0.021 | <1 | 1.16 | 0.004 | 0.05 | 0.2 | 0.07 | 2.3 | <0.1 | 0.08 | 3 | <0.5 | <0.2 |
| 1219194 | Soil | 19 | 0.33 | 86 | 0.023 | <1 | 0.97 | 0.003 | 0.05 | 0.2 | 0.03 | 2.0 | <0.1 | 0.10 | 3 | <0.5 | <0.2 |
| 1219195 | Soil | 19 | 0.28 | 187 | 0.023 | <1 | 1.00 | 0.004 | 0.04 | 0.2 | 0.04 | 1.8 | <0.1 | 0.09 | 3 | <0.5 | <0.2 |
| 1219196 | Soil | 24 | 0.36 | 131 | 0.024 | <1 | 1.37 | 0.005 | 0.04 | 0.2 | 0.07 | 3.0 | <0.1 | 0.08 | 4 | <0.5 | <0.2 |
| 1219197 | Soil | 21 | 0.33 | 133 | 0.024 | <1 | 1.23 | 0.004 | 0.05 | 0.2 | 0.04 | 2.1 | <0.1 | 0.09 | 3 | <0.5 | <0.2 |
| 1219198 | Soil | 24 | 0.33 | 153 | 0.027 | <1 | 1.10 | 0.004 | 0.04 | 0.2 | 0.06 | 2.5 | 0.1 | 0.15 | 3 | <0.5 | <0.2 |
| 1219199 | Soil | 23 | 0.35 | 208 | 0.031 | <1 | 1.05 | 0.005 | 0.04 | 0.2 | 0.05 | 2.1 | <0.1 | 0.13 | 3 | <0.5 | <0.2 |



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Project: Oliver
 Report Date: November 18, 2011

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CERTIFICATE OF ANALYSIS

WHI11000989.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | |
| 1219200 | Soil | 0.9 | 19.1 | 9.8 | 49 | <0.1 | 21.0 | 8.0 | 259 | 2.13 | 9.0 | 4.6 | 2.4 | 9 | 0.1 | 0.7 | 0.2 | 37 | 0.08 | 0.034 | 19 |
| 1217715 | Soil | 1.1 | 29.3 | 17.8 | 71 | <0.1 | 23.9 | 10.5 | 408 | 2.93 | 14.0 | 2.2 | 4.7 | 10 | 0.1 | 0.7 | 0.3 | 25 | 0.08 | 0.050 | 25 |
| 1217716 | Soil | 0.7 | 16.4 | 11.0 | 38 | <0.1 | 13.5 | 4.3 | 123 | 1.94 | 7.2 | 1.0 | 1.3 | 7 | <0.1 | 0.4 | 0.3 | 19 | 0.05 | 0.043 | 24 |
| 1217717 | Soil | 0.7 | 18.5 | 11.0 | 49 | <0.1 | 15.1 | 5.6 | 282 | 2.11 | 9.2 | 1.2 | 1.8 | 7 | <0.1 | 0.5 | 0.3 | 22 | 0.05 | 0.050 | 27 |
| 1217718 | Soil | 0.8 | 21.4 | 11.3 | 55 | <0.1 | 17.4 | 6.5 | 266 | 2.29 | 10.0 | 2.4 | 4.5 | 7 | 0.1 | 0.6 | 0.3 | 22 | 0.06 | 0.047 | 26 |
| 1217719 | Soil | 0.8 | 12.4 | 11.1 | 40 | <0.1 | 12.0 | 3.9 | 135 | 1.77 | 9.8 | 3.4 | 2.0 | 7 | <0.1 | 0.4 | 0.3 | 22 | 0.05 | 0.036 | 25 |
| 1217720 | Soil | 0.9 | 18.7 | 11.9 | 51 | <0.1 | 16.6 | 5.3 | 194 | 2.02 | 12.2 | 1.4 | 2.3 | 8 | <0.1 | 0.6 | 0.2 | 19 | 0.06 | 0.044 | 27 |
| 1217721 | Soil | 1.0 | 22.4 | 16.0 | 46 | <0.1 | 15.2 | 6.3 | 271 | 2.33 | 13.1 | <0.5 | 1.0 | 6 | <0.1 | 0.4 | 0.3 | 23 | 0.04 | 0.052 | 25 |
| 1217722 | Soil | 0.7 | 15.9 | 13.9 | 30 | <0.1 | 10.3 | 3.6 | 111 | 1.98 | 10.4 | 3.5 | 1.0 | 6 | <0.1 | 0.3 | 0.2 | 19 | 0.03 | 0.054 | 26 |
| 1217723 | Soil | 0.7 | 21.4 | 14.1 | 54 | <0.1 | 19.3 | 7.6 | 286 | 2.50 | 9.3 | 8.0 | 3.6 | 7 | 0.1 | 0.5 | 0.5 | 20 | 0.03 | 0.036 | 37 |
| 1217724 | Soil | 1.0 | 11.0 | 13.0 | 33 | <0.1 | 9.8 | 3.8 | 207 | 1.65 | 9.1 | 11.6 | 0.8 | 6 | <0.1 | 0.4 | 0.2 | 26 | 0.04 | 0.057 | 20 |
| 1217725 | Soil | 0.9 | 21.7 | 13.6 | 61 | <0.1 | 20.6 | 11.0 | 544 | 2.35 | 11.5 | 1.2 | 3.1 | 9 | 0.2 | 0.7 | 0.2 | 27 | 0.08 | 0.055 | 21 |
| 1217726 | Soil | 0.9 | 14.0 | 13.3 | 48 | <0.1 | 13.4 | 6.9 | 242 | 1.93 | 9.2 | 8.8 | 1.3 | 9 | 0.1 | 0.5 | 0.2 | 28 | 0.08 | 0.045 | 18 |
| 1217727 | Soil | 0.8 | 15.0 | 12.1 | 39 | <0.1 | 12.4 | 5.7 | 199 | 1.84 | 8.7 | 0.5 | 1.6 | 8 | 0.1 | 0.5 | 0.2 | 24 | 0.06 | 0.057 | 22 |
| 1217728 | Soil | 0.6 | 8.7 | 10.0 | 31 | <0.1 | 9.2 | 3.0 | 97 | 1.56 | 6.4 | 1.1 | 0.9 | 7 | 0.1 | 0.3 | 0.2 | 24 | 0.06 | 0.042 | 19 |
| 1217729 | Soil | 0.8 | 13.0 | 13.6 | 40 | <0.1 | 13.1 | 5.3 | 261 | 2.01 | 7.4 | 11.3 | 2.0 | 6 | 0.1 | 0.4 | 0.2 | 27 | 0.04 | 0.042 | 26 |
| 1217730 | Soil | 0.8 | 29.3 | 21.1 | 68 | <0.1 | 24.8 | 13.4 | 653 | 3.04 | 7.1 | 1.2 | 5.6 | 11 | 0.1 | 0.4 | 0.3 | 16 | 0.04 | 0.047 | 44 |
| 1217731 | Soil | 0.6 | 34.4 | 20.6 | 74 | <0.1 | 28.2 | 13.8 | 582 | 3.13 | 21.3 | 6.0 | 9.4 | 10 | 0.2 | 0.8 | 0.3 | 13 | 0.07 | 0.046 | 48 |
| 1217732 | Soil | 0.7 | 18.4 | 12.5 | 49 | <0.1 | 13.9 | 6.7 | 255 | 1.95 | 10.7 | 2.2 | 1.2 | 9 | 0.2 | 0.6 | 0.2 | 27 | 0.08 | 0.062 | 20 |
| 1217733 | Soil | 0.9 | 12.4 | 10.7 | 40 | <0.1 | 11.5 | 4.9 | 210 | 1.84 | 10.9 | 4.3 | 3.0 | 9 | <0.1 | 0.5 | 0.2 | 32 | 0.08 | 0.048 | 17 |
| 1217734 | Soil | 0.7 | 12.9 | 9.7 | 35 | <0.1 | 13.5 | 4.6 | 129 | 1.80 | 7.6 | 1.2 | 3.9 | 8 | <0.1 | 0.6 | 0.2 | 41 | 0.05 | 0.012 | 12 |



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Project: Oliver
 Report Date: November 18, 2011

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CERTIFICATE OF ANALYSIS

WHI11000989.1

| | Method | 1DX15 | | | | | | | | | | | | | | | | |
|---------|--------|---------|------|------|-------|-------|------|-------|-------|------|-------|------|------|-------|------|------|------|-----|
| | | Analyte | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| | | Unit | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | | MDL | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| 1219200 | Soil | 22 | 0.32 | 146 | 0.025 | <1 | 1.14 | 0.004 | 0.04 | 0.2 | 0.04 | 1.9 | <0.1 | 0.11 | 3 | <0.5 | <0.2 | |
| 1217715 | Soil | 19 | 0.34 | 108 | 0.012 | 2 | 1.05 | 0.004 | 0.04 | 0.1 | 0.03 | 1.7 | <0.1 | <0.05 | 4 | 0.6 | <0.2 | |
| 1217716 | Soil | 14 | 0.25 | 107 | 0.006 | 2 | 0.89 | 0.004 | 0.03 | 0.1 | 0.06 | 0.9 | <0.1 | <0.05 | 3 | 0.6 | <0.2 | |
| 1217717 | Soil | 16 | 0.28 | 79 | 0.008 | 1 | 0.91 | 0.003 | 0.03 | 0.1 | 0.04 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | |
| 1217718 | Soil | 33 | 0.32 | 80 | 0.009 | 1 | 0.97 | 0.003 | 0.03 | 0.2 | 0.05 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | |
| 1217719 | Soil | 14 | 0.26 | 55 | 0.007 | 2 | 0.82 | 0.007 | 0.03 | 0.1 | 0.02 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | |
| 1217720 | Soil | 13 | 0.26 | 59 | 0.007 | 1 | 0.71 | 0.003 | 0.04 | 0.2 | 0.04 | 0.8 | <0.1 | <0.05 | 3 | 0.5 | <0.2 | |
| 1217721 | Soil | 14 | 0.25 | 64 | 0.004 | 1 | 0.82 | 0.004 | 0.03 | <0.1 | 0.03 | 0.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | |
| 1217722 | Soil | 13 | 0.23 | 70 | 0.005 | 2 | 0.88 | 0.004 | 0.03 | <0.1 | 0.04 | 0.6 | <0.1 | <0.05 | 3 | 0.7 | <0.2 | |
| 1217723 | Soil | 14 | 0.26 | 76 | 0.009 | 1 | 0.99 | 0.003 | 0.04 | <0.1 | 0.05 | 1.0 | <0.1 | <0.05 | 4 | 0.6 | <0.2 | |
| 1217724 | Soil | 16 | 0.21 | 57 | 0.009 | <1 | 0.77 | 0.004 | 0.04 | 0.1 | 0.03 | 0.5 | <0.1 | <0.05 | 3 | 0.5 | <0.2 | |
| 1217725 | Soil | 17 | 0.32 | 77 | 0.011 | 2 | 0.93 | 0.004 | 0.04 | 0.2 | <0.01 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | |
| 1217726 | Soil | 16 | 0.29 | 94 | 0.008 | 1 | 0.89 | 0.004 | 0.04 | 0.2 | 0.03 | 1.0 | <0.1 | <0.05 | 3 | 0.6 | <0.2 | |
| 1217727 | Soil | 15 | 0.27 | 93 | 0.009 | <1 | 0.87 | 0.005 | 0.04 | 0.1 | 0.02 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | |
| 1217728 | Soil | 15 | 0.25 | 66 | 0.006 | 2 | 0.86 | 0.004 | 0.03 | 0.2 | 0.04 | 0.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | |
| 1217729 | Soil | 16 | 0.28 | 66 | 0.006 | <1 | 0.96 | 0.003 | 0.03 | 0.1 | 0.02 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | |
| 1217730 | Soil | 15 | 0.22 | 115 | 0.003 | 2 | 0.83 | 0.004 | 0.05 | 0.1 | 0.05 | 1.0 | <0.1 | <0.05 | 3 | 0.6 | <0.2 | |
| 1217731 | Soil | 14 | 0.28 | 143 | 0.004 | <1 | 0.95 | 0.005 | 0.07 | 0.1 | 0.07 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | |
| 1217732 | Soil | 18 | 0.31 | 106 | 0.009 | <1 | 1.09 | 0.004 | 0.04 | 0.2 | 0.05 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | |
| 1217733 | Soil | 17 | 0.28 | 122 | 0.017 | <1 | 1.02 | 0.004 | 0.03 | 0.2 | 0.04 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 | |
| 1217734 | Soil | 20 | 0.30 | 151 | 0.024 | 2 | 1.26 | 0.006 | 0.03 | 0.2 | 0.02 | 1.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 | |



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Project: Oliver

Report Date: November 18, 2011

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QUALITY CONTROL REPORT

WHI11000989.1

| Method Analyte Unit MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|----|
| | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | Au ppb | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 1218871 | Soil | 1.0 | 38.7 | 17.6 | 62 | 0.1 | 20.3 | 8.8 | 186 | 3.40 | 7.2 | 11.7 | 14.3 | 15 | <0.1 | 0.6 | 0.4 | 14 | 0.05 | 0.039 | 48 |
| REP 1218871 | QC | 1.1 | 41.1 | 17.4 | 67 | 0.1 | 21.0 | 8.8 | 196 | 3.46 | 7.8 | 1.4 | 14.4 | 15 | 0.1 | 0.5 | 0.4 | 14 | 0.05 | 0.041 | 48 |
| 1218876 | Soil | 0.9 | 16.2 | 10.4 | 39 | <0.1 | 12.7 | 5.2 | 133 | 2.27 | 7.3 | 0.9 | 8.6 | 8 | <0.1 | 0.5 | 0.2 | 20 | 0.04 | 0.030 | 27 |
| REP 1218876 | QC | 0.9 | 15.7 | 10.1 | 39 | <0.1 | 12.8 | 5.2 | 135 | 2.26 | 7.4 | 1.3 | 8.6 | 8 | <0.1 | 0.5 | 0.2 | 21 | 0.04 | 0.030 | 27 |
| 1218894 | Soil | 0.9 | 35.8 | 65.9 | 365 | 1.4 | 13.9 | 6.0 | 361 | 2.14 | 141.1 | 1.8 | 2.5 | 15 | 3.4 | 0.7 | 1.3 | 30 | 0.15 | 0.050 | 15 |
| REP 1218894 | QC | 0.9 | 35.2 | 65.6 | 352 | 1.3 | 14.1 | 6.1 | 353 | 2.11 | 137.8 | 2.4 | 2.6 | 15 | 3.5 | 0.7 | 1.3 | 30 | 0.15 | 0.047 | 16 |
| 1218488 | Soil | 0.8 | 10.9 | 11.4 | 33 | <0.1 | 11.0 | 3.9 | 116 | 1.60 | 7.1 | 1.0 | 1.5 | 8 | <0.1 | 0.6 | 0.2 | 24 | 0.07 | 0.037 | 15 |
| REP 1218488 | QC | 0.6 | 10.5 | 11.6 | 34 | <0.1 | 10.5 | 3.8 | 113 | 1.56 | 7.2 | 1.5 | 1.7 | 7 | <0.1 | 0.5 | 0.1 | 23 | 0.06 | 0.035 | 13 |
| 1218444 | Soil | 0.5 | 16.9 | 10.4 | 43 | <0.1 | 14.7 | 6.1 | 210 | 1.79 | 8.7 | 2.3 | 5.2 | 22 | 0.1 | 0.4 | 0.2 | 22 | 0.26 | 0.037 | 24 |
| REP 1218444 | QC | 0.6 | 18.2 | 10.4 | 44 | <0.1 | 15.3 | 6.3 | 212 | 1.86 | 8.3 | <0.5 | 5.6 | 22 | <0.1 | 0.4 | 0.2 | 22 | 0.26 | 0.038 | 23 |
| 1218469 | Soil | 0.6 | 12.5 | 7.4 | 37 | <0.1 | 18.4 | 9.9 | 176 | 1.46 | 8.4 | 1.1 | 3.9 | 6 | 0.1 | 0.6 | 0.1 | 20 | 0.04 | 0.015 | 11 |
| REP 1218469 | QC | 0.5 | 12.4 | 7.5 | 37 | <0.1 | 17.9 | 9.6 | 175 | 1.41 | 8.5 | 1.9 | 3.9 | 5 | 0.2 | 0.6 | 0.1 | 19 | 0.03 | 0.016 | 10 |
| 1219506 | Soil | 1.1 | 34.7 | 52.1 | 184 | 0.5 | 24.5 | 9.7 | 319 | 2.28 | 24.2 | 0.7 | 2.1 | 15 | 1.1 | 0.7 | 1.5 | 33 | 0.13 | 0.057 | 16 |
| REP 1219506 | QC | 1.0 | 33.3 | 51.6 | 168 | 0.5 | 23.3 | 9.5 | 331 | 2.16 | 23.1 | 2.3 | 2.1 | 15 | 1.2 | 0.7 | 1.6 | 33 | 0.13 | 0.056 | 16 |
| 1218958 | Soil | 0.9 | 88.7 | 16.7 | 70 | <0.1 | 41.6 | 22.1 | 705 | 3.68 | 13.2 | 4.8 | 6.2 | 13 | 0.3 | 1.1 | 0.3 | 43 | 0.15 | 0.052 | 25 |
| REP 1218958 | QC | 0.9 | 83.9 | 15.1 | 70 | <0.1 | 39.9 | 20.6 | 690 | 3.53 | 12.4 | 3.1 | 6.1 | 12 | 0.3 | 1.2 | 0.3 | 43 | 0.16 | 0.048 | 23 |
| 1219209 | Soil | 1.0 | 21.1 | 12.0 | 56 | <0.1 | 17.9 | 9.1 | 271 | 2.40 | 9.7 | 3.1 | 5.9 | 8 | 0.1 | 0.7 | 0.2 | 25 | 0.06 | 0.047 | 18 |
| REP 1219209 | QC | 1.1 | 21.7 | 11.6 | 54 | <0.1 | 18.3 | 9.0 | 269 | 2.37 | 9.6 | 0.8 | 5.7 | 8 | <0.1 | 0.8 | 0.2 | 25 | 0.07 | 0.048 | 19 |
| 1219226 | Soil | 0.9 | 16.5 | 11.4 | 44 | <0.1 | 16.5 | 9.2 | 1225 | 2.12 | 7.0 | <0.5 | 9.7 | 10 | 0.1 | 0.3 | 0.2 | 29 | 0.06 | 0.025 | 35 |
| REP 1219226 | QC | 0.8 | 16.5 | 11.3 | 45 | <0.1 | 16.7 | 9.2 | 1200 | 2.13 | 6.7 | <0.5 | 9.9 | 10 | 0.2 | 0.3 | 0.2 | 29 | 0.05 | 0.026 | 35 |
| 1219241 | Soil | 1.0 | 20.9 | 11.0 | 60 | 0.1 | 22.3 | 9.9 | 356 | 2.81 | 7.0 | 1.4 | 6.4 | 10 | <0.1 | 0.7 | 0.2 | 24 | 0.06 | 0.032 | 26 |
| REP 1219241 | QC | 1.0 | 21.0 | 10.1 | 58 | <0.1 | 22.5 | 9.4 | 349 | 2.73 | 6.8 | 5.9 | 6.3 | 10 | <0.1 | 0.7 | 0.2 | 23 | 0.06 | 0.032 | 26 |
| 1219410 | Soil | 1.3 | 34.8 | 16.3 | 77 | <0.1 | 24.1 | 9.6 | 311 | 3.30 | 10.8 | 2.2 | 8.6 | 11 | 0.2 | 1.0 | 0.3 | 31 | 0.07 | 0.039 | 26 |
| REP 1219410 | QC | 1.6 | 34.3 | 15.9 | 77 | <0.1 | 24.4 | 9.9 | 310 | 3.28 | 10.7 | 2.3 | 8.6 | 11 | 0.1 | 1.0 | 0.4 | 31 | 0.06 | 0.040 | 25 |
| 1219557 | Soil | 0.7 | 13.8 | 10.1 | 48 | <0.1 | 16.8 | 8.4 | 301 | 2.03 | 11.0 | 8.2 | 4.0 | 7 | 0.1 | 0.7 | 0.2 | 28 | 0.05 | 0.028 | 11 |
| REP 1219557 | QC | 0.7 | 13.4 | 10.1 | 47 | <0.1 | 16.5 | 8.5 | 311 | 2.02 | 11.0 | 2.9 | 3.9 | 7 | 0.1 | 0.8 | 0.2 | 27 | 0.05 | 0.028 | 10 |
| 1218242 | Soil | 0.9 | 9.5 | 10.4 | 32 | <0.1 | 8.1 | 3.4 | 121 | 1.80 | 8.4 | 2.2 | 1.8 | 7 | <0.1 | 0.4 | 0.2 | 32 | 0.05 | 0.054 | 13 |
| REP 1218242 | QC | 0.7 | 10.1 | 10.1 | 32 | <0.1 | 8.6 | 3.2 | 121 | 1.83 | 8.3 | 1.1 | 1.8 | 7 | <0.1 | 0.4 | 0.2 | 31 | 0.06 | 0.056 | 12 |



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Project: Oliver
 Report Date: November 18, 2011

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QUALITY CONTROL REPORT

WHI11000989.1

| Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analyte | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | |
| Unit | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | |
| 1218871 | Soil | 17 | 0.48 | 88 | 0.006 | <1 | 1.05 | 0.006 | 0.05 | <0.1 | 0.03 | 1.3 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| REP 1218871 | QC | 17 | 0.48 | 89 | 0.005 | <1 | 1.06 | 0.005 | 0.04 | <0.1 | 0.02 | 1.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218876 | Soil | 13 | 0.29 | 88 | 0.008 | <1 | 0.88 | 0.004 | 0.04 | 0.1 | 0.01 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1218876 | QC | 13 | 0.29 | 86 | 0.009 | <1 | 0.89 | 0.004 | 0.04 | <0.1 | 0.02 | 1.1 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1218894 | Soil | 18 | 0.33 | 173 | 0.008 | <1 | 1.20 | 0.004 | 0.04 | 0.2 | 0.04 | 1.4 | 0.2 | 0.07 | 4 | <0.5 | <0.2 |
| REP 1218894 | QC | 18 | 0.33 | 172 | 0.008 | 1 | 1.18 | 0.004 | 0.04 | 0.2 | 0.03 | 1.4 | 0.2 | 0.06 | 4 | 0.6 | <0.2 |
| 1218488 | Soil | 13 | 0.24 | 87 | 0.018 | <1 | 0.73 | 0.003 | 0.06 | 0.1 | 0.05 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1218488 | QC | 12 | 0.23 | 80 | 0.014 | <1 | 0.71 | 0.003 | 0.05 | 0.1 | 0.02 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218444 | Soil | 14 | 0.23 | 222 | 0.008 | <1 | 0.85 | 0.005 | 0.04 | 0.2 | 0.06 | 1.7 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| REP 1218444 | QC | 14 | 0.24 | 218 | 0.007 | 1 | 0.85 | 0.005 | 0.05 | 0.2 | 0.06 | 1.8 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218469 | Soil | 12 | 0.24 | 64 | 0.014 | <1 | 0.83 | 0.003 | 0.03 | 0.2 | 0.03 | 1.1 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| REP 1218469 | QC | 12 | 0.24 | 62 | 0.013 | <1 | 0.84 | 0.003 | 0.03 | 0.1 | 0.02 | 1.0 | <0.1 | 0.05 | 2 | <0.5 | <0.2 |
| 1219506 | Soil | 30 | 0.47 | 179 | 0.017 | 1 | 1.35 | 0.008 | 0.06 | 0.5 | 0.03 | 1.5 | 0.2 | <0.05 | 4 | 0.8 | <0.2 |
| REP 1219506 | QC | 27 | 0.45 | 173 | 0.018 | <1 | 1.35 | 0.007 | 0.06 | 0.3 | 0.01 | 1.3 | 0.3 | <0.05 | 4 | <0.5 | <0.2 |
| 1218958 | Soil | 35 | 0.76 | 164 | 0.012 | <1 | 1.68 | 0.005 | 0.04 | 0.2 | 0.03 | 2.8 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| REP 1218958 | QC | 33 | 0.74 | 156 | 0.012 | <1 | 1.64 | 0.012 | 0.04 | 0.2 | 0.03 | 2.9 | <0.1 | <0.05 | 5 | 0.5 | <0.2 |
| 1219209 | Soil | 17 | 0.37 | 81 | 0.017 | 1 | 1.17 | 0.005 | 0.04 | 0.1 | 0.04 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1219209 | QC | 16 | 0.37 | 81 | 0.018 | 2 | 1.16 | 0.008 | 0.04 | 0.2 | 0.02 | 1.6 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1219226 | Soil | 12 | 0.10 | 316 | 0.007 | <1 | 1.11 | 0.005 | 0.04 | <0.1 | 0.02 | 1.8 | 0.1 | <0.05 | 4 | 0.8 | <0.2 |
| REP 1219226 | QC | 11 | 0.09 | 311 | 0.006 | <1 | 1.05 | 0.005 | 0.04 | <0.1 | 0.02 | 1.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219241 | Soil | 15 | 0.30 | 156 | 0.010 | <1 | 0.92 | 0.005 | 0.05 | 0.2 | 0.01 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1219241 | QC | 15 | 0.30 | 151 | 0.010 | <1 | 0.90 | 0.005 | 0.06 | 0.1 | 0.02 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219410 | Soil | 21 | 0.48 | 88 | 0.022 | <1 | 1.28 | 0.006 | 0.05 | 0.2 | 0.03 | 1.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1219410 | QC | 21 | 0.47 | 84 | 0.023 | <1 | 1.27 | 0.006 | 0.06 | 0.1 | 0.04 | 1.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219557 | Soil | 18 | 0.34 | 120 | 0.023 | <1 | 0.97 | 0.005 | 0.03 | 0.2 | 0.03 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1219557 | QC | 17 | 0.35 | 118 | 0.021 | <1 | 0.98 | 0.005 | 0.03 | 0.2 | 0.02 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218242 | Soil | 18 | 0.31 | 74 | 0.021 | <1 | 1.04 | 0.005 | 0.03 | 0.2 | 0.02 | 1.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1218242 | QC | 18 | 0.32 | 80 | 0.019 | <1 | 1.03 | 0.005 | 0.04 | 0.2 | 0.03 | 1.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |

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Project: Oliver

Report Date: November 18, 2011

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QUALITY CONTROL REPORT

WHI11000989.1

| | | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1219551 | Soil | 0.9 | 19.4 | 12.4 | 48 | <0.1 | 16.5 | 8.3 | 301 | 2.39 | 11.9 | 4.2 | 4.0 | 10 | <0.1 | 0.7 | 0.2 | 39 | 0.07 | 0.039 | 16 |
| REP 1219551 | QC | 1.0 | 19.0 | 12.2 | 48 | <0.1 | 16.8 | 8.3 | 291 | 2.35 | 11.4 | 3.4 | 3.8 | 10 | <0.1 | 0.8 | 0.2 | 38 | 0.07 | 0.040 | 16 |
| 1219178 | Soil | 0.5 | 10.8 | 8.9 | 35 | <0.1 | 12.7 | 5.7 | 234 | 1.63 | 7.5 | 2.2 | 4.7 | 23 | <0.1 | 0.5 | 0.2 | 23 | 0.29 | 0.029 | 14 |
| REP 1219178 | QC | 0.6 | 10.8 | 8.6 | 36 | <0.1 | 12.4 | 5.5 | 230 | 1.60 | 7.4 | <0.5 | 4.5 | 23 | <0.1 | 0.5 | 0.1 | 24 | 0.28 | 0.031 | 15 |
| 1219184 | Soil | 0.9 | 10.0 | 10.5 | 37 | <0.1 | 9.4 | 4.5 | 203 | 2.07 | 9.2 | 1.4 | 3.2 | 7 | <0.1 | 0.5 | 0.2 | 33 | 0.06 | 0.043 | 12 |
| REP 1219184 | QC | 1.0 | 10.0 | 10.8 | 39 | <0.1 | 9.3 | 4.6 | 207 | 2.13 | 9.6 | 1.7 | 3.4 | 7 | <0.1 | 0.5 | 0.2 | 34 | 0.06 | 0.044 | 12 |
| 1219194 | Soil | 0.9 | 20.6 | 9.5 | 61 | <0.1 | 22.2 | 9.8 | 412 | 2.19 | 10.0 | 5.0 | 3.6 | 10 | 0.2 | 0.7 | 0.1 | 29 | 0.10 | 0.062 | 20 |
| REP 1219194 | QC | 0.9 | 19.9 | 10.4 | 60 | <0.1 | 22.5 | 10.1 | 422 | 2.22 | 9.9 | 9.4 | 3.7 | 11 | 0.2 | 0.8 | 0.2 | 30 | 0.12 | 0.063 | 20 |
| 1217718 | Soil | 0.8 | 21.4 | 11.3 | 55 | <0.1 | 17.4 | 6.5 | 266 | 2.29 | 10.0 | 2.4 | 4.5 | 7 | 0.1 | 0.6 | 0.3 | 22 | 0.06 | 0.047 | 26 |
| REP 1217718 | QC | 0.9 | 20.6 | 11.4 | 54 | <0.1 | 17.7 | 6.4 | 260 | 2.26 | 10.4 | 1.8 | 4.4 | 8 | 0.1 | 0.6 | 0.3 | 22 | 0.07 | 0.044 | 28 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | 14.1 | 107.4 | 123.5 | 315 | 1.7 | 39.4 | 7.4 | 627 | 2.39 | 22.7 | 115.1 | 6.6 | 63 | 2.1 | 5.4 | 6.1 | 46 | 0.71 | 0.077 | 16 |
| STD DS8 | Standard | 12.8 | 108.5 | 124.1 | 322 | 1.9 | 36.9 | 7.3 | 616 | 2.38 | 25.7 | 111.4 | 6.8 | 79 | 2.4 | 6.4 | 7.4 | 42 | 0.68 | 0.084 | 14 |
| STD DS8 | Standard | 13.0 | 100.4 | 123.9 | 291 | 1.8 | 35.0 | 6.9 | 589 | 2.35 | 23.3 | 104.9 | 7.2 | 72 | 2.1 | 6.0 | 6.9 | 40 | 0.67 | 0.075 | 16 |
| STD DS8 | Standard | 13.4 | 108.3 | 132.5 | 323 | 2.0 | 37.2 | 7.4 | 644 | 2.57 | 26.3 | 120.2 | 7.4 | 79 | 2.6 | 6.1 | 7.1 | 42 | 0.74 | 0.081 | 17 |
| STD DS8 | Standard | 11.9 | 101.8 | 121.9 | 295 | 1.8 | 34.7 | 7.2 | 586 | 2.35 | 24.3 | 103.4 | 6.7 | 67 | 2.3 | 5.0 | 6.3 | 38 | 0.65 | 0.076 | 15 |
| STD DS8 | Standard | 13.6 | 108.6 | 132.3 | 323 | 1.9 | 38.7 | 7.3 | 635 | 2.57 | 26.8 | 127.0 | 7.2 | 75 | 2.5 | 6.3 | 7.2 | 41 | 0.72 | 0.083 | 17 |
| STD DS8 | Standard | 12.2 | 108.9 | 129.6 | 321 | 1.9 | 37.7 | 7.4 | 630 | 2.52 | 26.0 | 112.8 | 6.4 | 72 | 2.4 | 6.1 | 7.1 | 42 | 0.69 | 0.087 | 14 |
| STD DS8 | Standard | 11.9 | 98.2 | 114.8 | 279 | 1.6 | 32.2 | 6.4 | 530 | 2.13 | 22.6 | 99.1 | 6.5 | 65 | 2.2 | 4.7 | 6.5 | 36 | 0.63 | 0.070 | 14 |
| STD DS8 | Standard | 11.9 | 101.5 | 125.2 | 293 | 1.8 | 36.0 | 6.8 | 582 | 2.34 | 23.8 | 100.2 | 7.2 | 74 | 2.3 | 6.1 | 7.4 | 39 | 0.64 | 0.076 | 15 |
| STD DS8 | Standard | 12.2 | 100.2 | 126.6 | 293 | 1.8 | 36.0 | 7.0 | 588 | 2.33 | 23.8 | 111.7 | 7.2 | 74 | 2.1 | 5.9 | 7.1 | 39 | 0.65 | 0.075 | 14 |
| STD DS8 | Standard | 13.1 | 115.0 | 123.3 | 309 | 1.8 | 36.3 | 7.5 | 619 | 2.49 | 23.9 | 110.4 | 7.8 | 74 | 2.2 | 5.9 | 6.8 | 43 | 0.71 | 0.078 | 17 |
| STD DS8 Expected | | 13.44 | 110 | 123 | 312 | 1.69 | 38.1 | 7.5 | 615 | 2.46 | 26 | 107 | 6.89 | 67.7 | 2.38 | 5.7 | 6.67 | 41.1 | 0.7 | 0.08 | 14.6 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 | |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 | |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 | |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 | |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 | |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 | |



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1300 - 111 West Georgia Street
Vancouver BC V6E 4M3 Canada

Project: Oliver
Report Date: November 18, 2011

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

WHI11000989.1

| | | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------------------|----------|-------|--------|-------|--------|-------|-------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| | | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| 1219551 | Soil | 23 | 0.40 | 234 | 0.026 | 2 | 1.34 | 0.007 | 0.04 | 0.2 | 0.04 | 3.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1219551 | QC | 23 | 0.39 | 229 | 0.025 | 1 | 1.33 | 0.007 | 0.04 | 0.2 | 0.05 | 3.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219178 | Soil | 14 | 0.28 | 188 | 0.013 | 1 | 0.83 | 0.005 | 0.05 | 0.2 | 0.02 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1219178 | QC | 14 | 0.28 | 192 | 0.013 | <1 | 0.85 | 0.005 | 0.05 | 0.2 | 0.02 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219184 | Soil | 20 | 0.28 | 83 | 0.021 | 1 | 1.18 | 0.005 | 0.04 | 0.1 | 0.03 | 2.1 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| REP 1219184 | QC | 20 | 0.29 | 83 | 0.020 | 1 | 1.23 | 0.005 | 0.04 | 0.2 | 0.03 | 2.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219194 | Soil | 19 | 0.33 | 86 | 0.023 | <1 | 0.97 | 0.003 | 0.05 | 0.2 | 0.03 | 2.0 | <0.1 | 0.10 | 3 | <0.5 | <0.2 |
| REP 1219194 | QC | 20 | 0.33 | 84 | 0.024 | <1 | 1.01 | 0.004 | 0.05 | 0.2 | 0.03 | 2.0 | <0.1 | 0.11 | 3 | <0.5 | <0.2 |
| 1217718 | Soil | 33 | 0.32 | 80 | 0.009 | 1 | 0.97 | 0.003 | 0.03 | 0.2 | 0.05 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1217718 | QC | 15 | 0.31 | 84 | 0.009 | 1 | 0.96 | 0.003 | 0.03 | 0.3 | 0.04 | 1.3 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| Reference Materials | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | 128 | 0.65 | 278 | 0.125 | 2 | 0.94 | 0.079 | 0.39 | 3.1 | 0.21 | 2.2 | 5.5 | 0.29 | 5 | 5.1 | 5.0 |
| STD DS8 | Standard | 120 | 0.67 | 287 | 0.115 | 2 | 0.95 | 0.101 | 0.42 | 3.2 | 0.19 | 2.3 | 5.3 | 0.12 | 5 | 5.1 | 4.7 |
| STD DS8 | Standard | 112 | 0.60 | 270 | 0.119 | 1 | 0.89 | 0.094 | 0.41 | 2.8 | 0.18 | 2.4 | 5.3 | 0.12 | 5 | 4.2 | 4.7 |
| STD DS8 | Standard | 117 | 0.64 | 309 | 0.125 | 2 | 1.03 | 0.108 | 0.47 | 3.4 | 0.20 | 2.7 | 5.9 | 0.13 | 5 | 5.5 | 5.4 |
| STD DS8 | Standard | 108 | 0.58 | 271 | 0.108 | 2 | 0.89 | 0.093 | 0.41 | 2.7 | 0.18 | 2.5 | 5.5 | 0.14 | 5 | 4.3 | 4.5 |
| STD DS8 | Standard | 115 | 0.63 | 305 | 0.117 | 2 | 0.96 | 0.097 | 0.45 | 3.5 | 0.21 | 2.4 | 6.0 | 0.12 | 5 | 4.8 | 5.5 |
| STD DS8 | Standard | 116 | 0.65 | 279 | 0.107 | 3 | 0.94 | 0.100 | 0.43 | 3.0 | 0.20 | 2.5 | 5.7 | 0.18 | 5 | 5.3 | 5.1 |
| STD DS8 | Standard | 100 | 0.54 | 257 | 0.101 | 6 | 0.86 | 0.098 | 0.40 | 2.6 | 0.18 | 2.2 | 5.2 | 0.17 | 4 | 4.0 | 4.6 |
| STD DS8 | Standard | 109 | 0.58 | 276 | 0.118 | 2 | 0.88 | 0.093 | 0.41 | 2.8 | 0.18 | 2.6 | 5.3 | 0.11 | 5 | 4.9 | 4.7 |
| STD DS8 | Standard | 109 | 0.57 | 266 | 0.117 | 3 | 0.90 | 0.098 | 0.41 | 2.8 | 0.18 | 2.6 | 5.1 | 0.14 | 5 | 4.3 | 4.8 |
| STD DS8 | Standard | 120 | 0.60 | 278 | 0.130 | 2 | 0.91 | 0.099 | 0.41 | 3.0 | 0.22 | 2.7 | 5.3 | 0.17 | 5 | 5.2 | 4.6 |
| STD DS8 Expected | | 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 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |



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Project: Oliver

Report Date: November 18, 2011

Page: 3 of 3 **Part** 1

QUALITY CONTROL REPORT

WHI11000989.1

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



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 Vancouver BC V6E 4M3 Canada

Project: Oliver

Report Date: November 18, 2011

Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

WHI11000989.1

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



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Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: August 01, 2011
Report Date: September 19, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS

WHI11000988.1

CLIENT JOB INFORMATION

Project: Arizona
Shipment ID: #3
P.O. Number
Number of Samples: 85

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

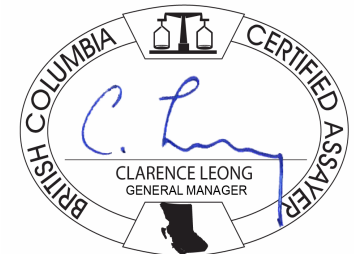
Invoice To: Goldstrike Resources (Petro One Energy Corp)
1300 - 111 West Georgia Street
Vancouver BC V6E 4M3
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

ADDITIONAL COMMENTS



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



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 Vancouver BC V6E 4M3 Canada

Project: Arizona
 Report Date: September 19, 2011

Page: 2 of 4 Part 1

CERTIFICATE OF ANALYSIS

WHI11000988.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | % | ppm |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | | 1 |
| 1218973 | Soil | 2.7 | 24.5 | 15.7 | 100 | 0.3 | 26.0 | 9.3 | 164 | 2.76 | 14.7 | 5.3 | 4.7 | 27 | 0.4 | 0.8 | 0.5 | 83 | 0.21 | 0.082 | 17 |
| 1218974 | Soil | 3.3 | 38.3 | 15.4 | 115 | 0.4 | 36.1 | 14.0 | 237 | 3.84 | 12.7 | 17.9 | 4.1 | 42 | 0.4 | 1.0 | 0.4 | 105 | 0.23 | 0.084 | 16 |
| 1218975 | Soil | 1.9 | 33.7 | 12.4 | 91 | 0.2 | 33.1 | 12.4 | 202 | 3.30 | 11.4 | 5.3 | 4.2 | 38 | 0.3 | 0.8 | 0.4 | 79 | 0.22 | 0.079 | 15 |
| 1218976 | Soil | 1.8 | 40.1 | 18.8 | 105 | 0.2 | 29.8 | 10.0 | 255 | 4.21 | 17.7 | 14.7 | 5.3 | 74 | 0.4 | 1.2 | 0.8 | 72 | 0.30 | 0.090 | 16 |
| 1218977 | 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. |
| 1218978 | Soil | 1.5 | 27.6 | 23.3 | 80 | 0.2 | 27.9 | 12.1 | 298 | 2.87 | 16.2 | 5.0 | 3.3 | 40 | 0.5 | 0.8 | 0.5 | 62 | 0.22 | 0.076 | 13 |
| 1218979 | Soil | 2.8 | 26.9 | 12.8 | 79 | 0.3 | 22.2 | 10.0 | 248 | 2.77 | 14.0 | 6.1 | 3.9 | 41 | 0.3 | 0.7 | 0.6 | 77 | 0.23 | 0.086 | 15 |
| 1218980 | Soil | 2.9 | 30.9 | 14.1 | 91 | 0.5 | 25.5 | 13.2 | 262 | 3.32 | 17.0 | 11.0 | 4.0 | 68 | 0.7 | 0.8 | 0.7 | 75 | 0.25 | 0.108 | 15 |
| 1218981 | 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. |
| 1218982 | Soil | 3.0 | 61.5 | 50.0 | 358 | 0.3 | 84.1 | 22.9 | 478 | 4.98 | 131.0 | 9.0 | 5.0 | 100 | 1.3 | 1.7 | 1.5 | 91 | 0.46 | 0.120 | 18 |
| 1217131 | Soil | 2.0 | 17.5 | 14.9 | 62 | <0.1 | 17.6 | 13.8 | 684 | 3.45 | 11.6 | 0.9 | 0.6 | 9 | 0.2 | 0.6 | 0.2 | 57 | 0.07 | 0.079 | 14 |
| 1217132 | Soil | 1.9 | 21.5 | 14.0 | 63 | 0.1 | 20.5 | 11.1 | 372 | 2.86 | 8.3 | 1.6 | 3.3 | 17 | 0.3 | 0.6 | 0.2 | 50 | 0.15 | 0.034 | 17 |
| 1217133 | Soil | 2.7 | 55.1 | 23.3 | 90 | 0.3 | 34.2 | 17.2 | 1519 | 5.75 | 9.8 | 1.8 | 5.2 | 50 | 0.5 | 0.9 | 0.2 | 38 | 0.32 | 0.103 | 30 |
| 1217134 | Soil | 2.8 | 35.4 | 16.7 | 88 | 0.2 | 23.1 | 16.9 | 1090 | 4.23 | 7.6 | 0.7 | 2.6 | 26 | 0.4 | 0.6 | 0.2 | 47 | 0.21 | 0.098 | 24 |
| 1217135 | Soil | 1.8 | 28.9 | 15.8 | 79 | 0.2 | 26.3 | 15.1 | 580 | 4.19 | 7.4 | 1.3 | 4.0 | 27 | 0.3 | 0.5 | 0.2 | 51 | 0.18 | 0.082 | 26 |
| 1217136 | Soil | 1.5 | 17.4 | 14.2 | 60 | 0.2 | 19.3 | 11.1 | 395 | 3.38 | 7.4 | 1.9 | 3.2 | 24 | 0.2 | 0.4 | 0.2 | 43 | 0.15 | 0.051 | 18 |
| 1217137 | Soil | 1.7 | 15.5 | 12.4 | 48 | <0.1 | 15.0 | 9.0 | 282 | 3.08 | 7.9 | 1.1 | 1.8 | 12 | 0.2 | 0.4 | 0.2 | 46 | 0.07 | 0.043 | 15 |
| 1217138 | Soil | 1.4 | 31.0 | 16.8 | 56 | 0.3 | 25.4 | 12.4 | 416 | 2.92 | 7.3 | 4.4 | 3.8 | 22 | 0.2 | 0.4 | 0.2 | 42 | 0.17 | 0.062 | 21 |
| 1217139 | Soil | 1.8 | 14.5 | 16.2 | 58 | 0.2 | 16.9 | 12.7 | 424 | 3.43 | 9.9 | <0.5 | 3.0 | 11 | 0.2 | 0.5 | 0.2 | 49 | 0.08 | 0.063 | 16 |
| 1217140 | Soil | 1.2 | 21.9 | 11.1 | 60 | <0.1 | 22.9 | 15.4 | 323 | 2.62 | 10.6 | 1.4 | 3.8 | 10 | 0.3 | 0.8 | 0.2 | 38 | 0.07 | 0.039 | 13 |
| 1217959 | Soil | 2.6 | 17.8 | 16.1 | 78 | 0.2 | 18.9 | 8.7 | 193 | 3.47 | 31.2 | 3.6 | 5.2 | 29 | 0.2 | 1.0 | 0.5 | 88 | 0.23 | 0.079 | 17 |
| 1217960 | Soil | 1.7 | 21.8 | 12.6 | 81 | 0.2 | 21.7 | 9.4 | 178 | 2.97 | 10.5 | 2.4 | 3.6 | 30 | 0.3 | 0.7 | 0.4 | 67 | 0.19 | 0.065 | 14 |
| 1217961 | Soil | 1.6 | 31.9 | 14.6 | 88 | 0.4 | 28.8 | 12.6 | 385 | 2.81 | 12.1 | 10.7 | 2.9 | 35 | 0.4 | 0.9 | 0.5 | 68 | 0.24 | 0.086 | 15 |
| 1217962 | Soil | 1.4 | 20.2 | 14.5 | 85 | 0.3 | 26.2 | 10.0 | 194 | 2.73 | 12.4 | 1.7 | 2.5 | 32 | 0.2 | 0.8 | 0.7 | 68 | 0.22 | 0.075 | 15 |
| 1217963 | Soil | 1.4 | 23.8 | 16.1 | 84 | 0.3 | 27.5 | 9.3 | 167 | 2.69 | 12.4 | 2.4 | 2.4 | 33 | 0.1 | 0.8 | 0.7 | 66 | 0.25 | 0.071 | 14 |
| 1217964 | 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. |
| 1217965 | Soil | 2.0 | 31.1 | 16.2 | 94 | 0.3 | 29.6 | 11.3 | 239 | 3.35 | 34.5 | 12.3 | 3.7 | 40 | 0.4 | 0.8 | 1.9 | 68 | 0.27 | 0.089 | 15 |
| 1217966 | 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. |
| 1217967 | 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. |
| 1217968 | Soil | 2.9 | 32.9 | 20.4 | 97 | 0.3 | 39.7 | 11.5 | 222 | 3.73 | 41.9 | 4.6 | 1.5 | 45 | 0.5 | 1.2 | 1.5 | 81 | 0.14 | 0.088 | 10 |

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Project: Arizona
 Report Date: September 19, 2011

Page: 2 of 4 Part 2

CERTIFICATE OF ANALYSIS

WHI11000988.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1218973 | Soil | 41 | 0.55 | 297 | 0.111 | 1 | 1.93 | 0.010 | 0.09 | 0.6 | 0.04 | 3.4 | 0.3 | <0.05 | 6 | 0.6 | <0.2 |
| 1218974 | Soil | 45 | 0.58 | 570 | 0.125 | <1 | 2.47 | 0.013 | 0.12 | 0.4 | 0.04 | 4.7 | 0.2 | <0.05 | 7 | 0.7 | <0.2 |
| 1218975 | Soil | 41 | 0.56 | 427 | 0.102 | 1 | 2.10 | 0.011 | 0.09 | 0.5 | 0.03 | 3.8 | 0.2 | <0.05 | 6 | 0.7 | <0.2 |
| 1218976 | Soil | 35 | 0.54 | 431 | 0.117 | 2 | 2.02 | 0.016 | 0.11 | 0.6 | 0.03 | 4.2 | 0.2 | <0.05 | 6 | 0.7 | <0.2 |
| 1218977 | 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. |
| 1218978 | Soil | 34 | 0.50 | 347 | 0.073 | 2 | 1.74 | 0.014 | 0.08 | 0.5 | 0.04 | 2.7 | 0.2 | 0.06 | 5 | 0.7 | <0.2 |
| 1218979 | Soil | 35 | 0.56 | 362 | 0.086 | 2 | 1.62 | 0.015 | 0.10 | 0.6 | 0.03 | 3.2 | 0.3 | 0.06 | 5 | 0.8 | <0.2 |
| 1218980 | Soil | 36 | 0.59 | 367 | 0.093 | 1 | 1.89 | 0.021 | 0.11 | 0.7 | 0.02 | 3.3 | 0.2 | 0.10 | 5 | 1.2 | <0.2 |
| 1218981 | 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. |
| 1218982 | Soil | 40 | 0.73 | 423 | 0.079 | 2 | 2.17 | 0.014 | 0.12 | 0.2 | 0.04 | 5.0 | 0.1 | <0.05 | 5 | 1.2 | <0.2 |
| 1217131 | Soil | 28 | 0.41 | 123 | 0.019 | <1 | 1.62 | 0.004 | 0.05 | 0.2 | 0.03 | 1.4 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 1217132 | Soil | 29 | 0.46 | 319 | 0.020 | <1 | 1.62 | 0.007 | 0.05 | 0.1 | 0.05 | 2.8 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217133 | Soil | 19 | 0.43 | 461 | 0.010 | 2 | 1.12 | 0.009 | 0.06 | <0.1 | 0.25 | 6.6 | <0.1 | <0.05 | 3 | 1.1 | <0.2 |
| 1217134 | Soil | 22 | 0.48 | 409 | 0.009 | 1 | 1.43 | 0.006 | 0.09 | <0.1 | 0.08 | 2.8 | <0.1 | <0.05 | 5 | 0.8 | <0.2 |
| 1217135 | Soil | 26 | 0.69 | 300 | 0.008 | 2 | 1.89 | 0.006 | 0.07 | <0.1 | 0.05 | 3.1 | 0.1 | <0.05 | 6 | 0.6 | <0.2 |
| 1217136 | Soil | 24 | 0.56 | 286 | 0.009 | <1 | 1.73 | 0.006 | 0.07 | 0.1 | 0.04 | 2.5 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1217137 | Soil | 20 | 0.38 | 199 | 0.013 | 1 | 1.44 | 0.006 | 0.06 | 0.1 | 0.03 | 1.9 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1217138 | Soil | 28 | 0.48 | 630 | 0.011 | 2 | 2.02 | 0.007 | 0.06 | 0.1 | 0.17 | 4.6 | <0.1 | <0.05 | 5 | 0.8 | <0.2 |
| 1217139 | Soil | 25 | 0.43 | 226 | 0.020 | 2 | 1.68 | 0.005 | 0.06 | 0.1 | 0.04 | 2.5 | 0.1 | <0.05 | 5 | 0.8 | <0.2 |
| 1217140 | Soil | 25 | 0.43 | 159 | 0.025 | <1 | 1.59 | 0.005 | 0.04 | 0.1 | 0.03 | 2.5 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217959 | Soil | 33 | 0.52 | 283 | 0.103 | 2 | 1.61 | 0.010 | 0.06 | 0.7 | 0.04 | 3.2 | 0.2 | <0.05 | 5 | 0.7 | <0.2 |
| 1217960 | Soil | 33 | 0.48 | 365 | 0.078 | 1 | 1.84 | 0.011 | 0.06 | 0.3 | 0.05 | 3.4 | 0.2 | <0.05 | 6 | 0.6 | <0.2 |
| 1217961 | Soil | 34 | 0.53 | 460 | 0.070 | 2 | 1.95 | 0.010 | 0.07 | 0.2 | 0.06 | 3.9 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| 1217962 | Soil | 36 | 0.54 | 400 | 0.078 | 2 | 1.99 | 0.011 | 0.06 | 0.2 | 0.05 | 3.6 | 0.2 | <0.05 | 6 | 0.6 | <0.2 |
| 1217963 | Soil | 35 | 0.51 | 398 | 0.072 | 2 | 1.94 | 0.011 | 0.05 | 0.2 | 0.05 | 3.4 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| 1217964 | 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. |
| 1217965 | Soil | 38 | 0.62 | 417 | 0.089 | 2 | 2.16 | 0.013 | 0.10 | 0.4 | 0.04 | 3.7 | 0.2 | <0.05 | 6 | 0.8 | <0.2 |
| 1217966 | 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. |
| 1217967 | 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. |
| 1217968 | Soil | 33 | 0.46 | 414 | 0.057 | 1 | 2.40 | 0.020 | 0.07 | 0.2 | 0.06 | 3.0 | 0.2 | 0.08 | 7 | 0.9 | <0.2 |

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Project: Arizona
 Report Date: September 19, 2011

Page: 3 of 4 Part 1

CERTIFICATE OF ANALYSIS

WHI11000988.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1217969 | Soil | 2.5 | 30.7 | 20.4 | 62 | 0.4 | 23.4 | 9.0 | 175 | 2.92 | 11.1 | 0.9 | 1.0 | 44 | 1.7 | 1.1 | 1.9 | 66 | 0.23 | 0.057 | 10 |
| 1217970 | Soil | 2.5 | 33.6 | 17.8 | 75 | 0.3 | 28.6 | 9.5 | 174 | 3.11 | 13.6 | 2.0 | 1.8 | 32 | 0.4 | 1.0 | 1.1 | 70 | 0.12 | 0.076 | 11 |
| 1217971 | Soil | 4.6 | 90.9 | 26.6 | 125 | 0.4 | 43.4 | 13.2 | 229 | 5.38 | 45.9 | 6.7 | 3.4 | 91 | 0.9 | 2.5 | 1.0 | 75 | 0.17 | 0.147 | 15 |
| 1217972 | 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. |
| 1217973 | 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. |
| 1219427 | Soil | 1.1 | 31.4 | 13.0 | 48 | 0.2 | 15.4 | 8.7 | 291 | 2.08 | 4.4 | 4.6 | 1.2 | 33 | 0.1 | 1.1 | 0.2 | 27 | 0.23 | 0.105 | 26 |
| 1219428 | Soil | 0.6 | 19.4 | 8.3 | 47 | <0.1 | 16.6 | 6.1 | 496 | 1.69 | 6.9 | 2.7 | 0.7 | 17 | <0.1 | 0.6 | 0.1 | 28 | 0.21 | 0.064 | 15 |
| 1219429 | Soil | 2.6 | 24.8 | 18.7 | 37 | 0.3 | 7.8 | 4.3 | 145 | 2.54 | 7.3 | 1.6 | 1.3 | 23 | 0.1 | 0.9 | 0.2 | 39 | 0.04 | 0.110 | 35 |
| 1219430 | Soil | 1.8 | 35.5 | 19.8 | 78 | 0.2 | 23.0 | 21.0 | 1035 | 2.80 | 9.7 | 3.1 | 3.3 | 16 | 0.3 | 1.3 | 0.2 | 32 | 0.12 | 0.110 | 22 |
| 1219431 | Soil | 1.5 | 37.1 | 10.4 | 67 | 0.1 | 25.0 | 13.2 | 688 | 2.65 | 9.1 | 4.4 | 2.1 | 18 | 0.2 | 1.0 | 0.1 | 29 | 0.16 | 0.099 | 16 |
| 1219432 | Soil | 2.6 | 36.8 | 11.4 | 104 | 0.6 | 25.6 | 12.5 | 604 | 2.66 | 8.3 | 2.8 | 0.9 | 80 | 0.5 | 0.9 | 0.1 | 22 | 1.41 | 0.113 | 19 |
| 1219433 | Soil | 4.3 | 40.1 | 10.8 | 125 | 0.5 | 35.4 | 13.5 | 644 | 3.69 | 13.4 | 1.8 | 1.9 | 41 | 0.5 | 1.5 | 0.2 | 29 | 0.50 | 0.109 | 20 |
| 1219434 | Soil | 1.5 | 22.5 | 10.8 | 70 | 0.2 | 21.9 | 9.2 | 358 | 2.48 | 9.1 | 3.4 | 1.7 | 21 | 0.2 | 0.7 | 0.2 | 35 | 0.21 | 0.070 | 17 |
| 1219435 | Soil | 2.2 | 19.7 | 10.8 | 76 | 0.1 | 18.8 | 9.0 | 405 | 2.93 | 10.0 | 2.7 | 0.7 | 13 | 0.2 | 0.6 | 0.2 | 40 | 0.13 | 0.085 | 13 |
| 1219436 | Soil | 2.4 | 29.0 | 12.9 | 60 | 0.3 | 20.3 | 8.4 | 268 | 3.23 | 10.4 | 4.3 | 0.5 | 34 | 0.2 | 1.1 | 0.2 | 34 | 0.19 | 0.073 | 12 |
| 1219437 | Soil | 1.9 | 28.2 | 15.2 | 58 | 0.4 | 19.5 | 16.0 | 832 | 2.56 | 9.0 | 1.0 | 0.8 | 45 | 0.8 | 0.8 | 0.2 | 38 | 0.32 | 0.067 | 10 |
| 1219438 | Soil | 1.5 | 19.8 | 11.0 | 51 | 0.1 | 13.7 | 7.2 | 642 | 2.28 | 9.1 | 1.3 | 0.2 | 16 | 0.5 | 0.6 | 0.2 | 38 | 0.15 | 0.085 | 9 |
| 1219439 | Soil | 1.7 | 21.2 | 15.5 | 79 | 0.5 | 20.0 | 20.0 | 1353 | 2.49 | 6.9 | 2.8 | 1.0 | 19 | 0.2 | 0.8 | 0.2 | 33 | 0.19 | 0.112 | 16 |
| 1219440 | Soil | 1.4 | 13.2 | 9.2 | 41 | 0.1 | 11.8 | 8.8 | 295 | 3.10 | 8.3 | 4.8 | 2.2 | 14 | 0.3 | 0.4 | 0.2 | 63 | 0.13 | 0.039 | 10 |
| 1219441 | Soil | 1.2 | 14.0 | 10.9 | 45 | 0.1 | 16.2 | 9.1 | 312 | 2.53 | 7.7 | 0.8 | 2.6 | 11 | 0.2 | 0.5 | 0.2 | 42 | 0.11 | 0.036 | 10 |
| 1219442 | Soil | 1.2 | 16.8 | 9.8 | 42 | 0.3 | 12.3 | 8.0 | 286 | 2.40 | 7.2 | 2.8 | 0.5 | 11 | 0.4 | 0.4 | 0.2 | 40 | 0.06 | 0.083 | 15 |
| 1219443 | Soil | 2.2 | 21.5 | 24.4 | 76 | 0.2 | 17.0 | 17.0 | 1095 | 3.23 | 11.1 | 1.9 | 0.5 | 14 | 0.7 | 0.7 | 0.2 | 44 | 0.12 | 0.124 | 15 |
| 1219444 | Soil | 4.9 | 38.8 | 17.2 | 90 | 0.2 | 28.5 | 19.0 | 849 | 3.81 | 14.1 | 2.7 | 3.0 | 17 | 1.0 | 1.2 | 0.2 | 37 | 0.10 | 0.113 | 14 |
| 1219445 | Soil | 1.8 | 17.8 | 11.2 | 57 | 0.1 | 16.4 | 9.8 | 378 | 2.62 | 11.6 | 3.6 | 1.5 | 12 | 0.4 | 0.8 | 0.2 | 37 | 0.10 | 0.075 | 12 |
| 1219446 | Soil | 2.1 | 13.7 | 10.9 | 45 | 0.3 | 13.0 | 6.5 | 396 | 2.76 | 12.1 | 4.5 | 1.7 | 6 | 0.3 | 0.9 | 0.2 | 48 | 0.04 | 0.047 | 9 |
| 1219447 | Soil | 13.0 | 92.8 | 31.8 | 119 | 0.5 | 36.8 | 14.2 | 664 | 3.35 | 24.1 | 6.1 | 0.4 | 49 | 0.9 | 3.3 | 0.4 | 52 | 0.12 | 0.163 | 20 |
| 1219448 | Soil | 1.9 | 9.5 | 12.0 | 32 | <0.1 | 7.8 | 3.9 | 232 | 2.52 | 12.2 | 2.8 | 1.3 | 7 | 0.1 | 0.9 | 0.3 | 74 | 0.05 | 0.044 | 11 |
| 1219449 | Soil | 2.0 | 8.6 | 12.4 | 36 | <0.1 | 9.1 | 4.3 | 219 | 2.37 | 9.6 | 1.2 | 2.3 | 9 | 0.1 | 0.7 | 0.2 | 49 | 0.05 | 0.042 | 10 |
| 1219450 | Soil | 4.9 | 51.9 | 16.5 | 72 | 0.3 | 21.2 | 10.2 | 1229 | 2.72 | 17.5 | 10.7 | 0.7 | 53 | 0.3 | 2.5 | 0.2 | 44 | 0.13 | 0.122 | 13 |
| 1219564 | Soil | 1.9 | 32.5 | 10.8 | 62 | 0.2 | 25.8 | 15.1 | 1692 | 3.06 | 6.8 | 3.7 | 2.1 | 37 | 0.3 | 1.3 | 0.1 | 31 | 0.41 | 0.105 | 19 |

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Project: Arizona
 Report Date: September 19, 2011

Page: 3 of 4 Part 2

CERTIFICATE OF ANALYSIS

WHI11000988.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1217969 | Soil | 27 | 0.31 | 312 | 0.040 | 1 | 1.78 | 0.013 | 0.07 | 0.1 | 0.04 | 2.2 | 0.2 | <0.05 | 6 | 0.6 | <0.2 |
| 1217970 | Soil | 33 | 0.42 | 335 | 0.044 | 2 | 2.34 | 0.017 | 0.07 | 0.2 | 0.05 | 3.0 | 0.3 | 0.07 | 6 | 1.0 | <0.2 |
| 1217971 | Soil | 30 | 0.41 | 354 | 0.046 | 3 | 2.40 | 0.063 | 0.10 | 0.3 | 0.05 | 3.6 | 0.4 | 0.33 | 5 | 2.1 | <0.2 |
| 1217972 | 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. |
| 1217973 | 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. |
| 1219427 | Soil | 16 | 0.15 | 221 | 0.003 | 2 | 0.58 | 0.003 | 0.08 | <0.1 | 0.11 | 2.8 | 0.2 | <0.05 | 2 | 0.7 | <0.2 |
| 1219428 | Soil | 18 | 0.32 | 164 | 0.019 | 2 | 0.91 | 0.005 | 0.04 | 0.1 | 0.05 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219429 | Soil | 19 | 0.09 | 167 | 0.006 | 1 | 0.41 | 0.003 | 0.12 | <0.1 | 0.07 | 2.3 | 0.3 | 0.23 | 2 | 0.8 | <0.2 |
| 1219430 | Soil | 22 | 0.27 | 92 | 0.021 | 2 | 0.93 | 0.004 | 0.07 | 0.1 | 0.04 | 2.7 | 0.2 | <0.05 | 3 | <0.5 | <0.2 |
| 1219431 | Soil | 17 | 0.30 | 203 | 0.019 | 1 | 0.83 | 0.004 | 0.05 | 0.2 | 0.08 | 2.8 | 0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 1219432 | Soil | 14 | 0.32 | 481 | 0.005 | 4 | 0.74 | 0.006 | 0.04 | <0.1 | 0.26 | 3.1 | 0.2 | <0.05 | 2 | 1.2 | <0.2 |
| 1219433 | Soil | 15 | 0.25 | 436 | 0.006 | 2 | 0.72 | 0.005 | 0.05 | <0.1 | 0.19 | 4.5 | 0.4 | <0.05 | 2 | 0.9 | <0.2 |
| 1219434 | Soil | 21 | 0.38 | 353 | 0.012 | 2 | 1.16 | 0.005 | 0.04 | 0.2 | 0.08 | 2.9 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219435 | Soil | 21 | 0.34 | 186 | 0.006 | 1 | 1.13 | 0.004 | 0.04 | 0.1 | 0.04 | 1.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219436 | Soil | 16 | 0.18 | 168 | 0.005 | <1 | 0.85 | 0.004 | 0.05 | 0.2 | 0.09 | 0.8 | 0.1 | 0.08 | 3 | 0.9 | <0.2 |
| 1219437 | Soil | 18 | 0.25 | 587 | 0.006 | 1 | 0.97 | 0.005 | 0.05 | 0.1 | 0.03 | 1.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219438 | Soil | 18 | 0.19 | 378 | 0.005 | <1 | 0.90 | 0.004 | 0.07 | 0.1 | 0.04 | 0.3 | <0.1 | 0.06 | 4 | <0.5 | <0.2 |
| 1219439 | Soil | 20 | 0.31 | 294 | 0.005 | 1 | 1.28 | 0.004 | 0.04 | 0.1 | 0.13 | 1.5 | 0.1 | <0.05 | 4 | 0.9 | <0.2 |
| 1219440 | Soil | 18 | 0.29 | 691 | 0.012 | <1 | 1.17 | 0.004 | 0.04 | 0.2 | 0.03 | 1.8 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1219441 | Soil | 19 | 0.39 | 243 | 0.011 | 1 | 1.26 | 0.004 | 0.04 | 0.1 | 0.03 | 1.8 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219442 | Soil | 16 | 0.21 | 399 | 0.008 | <1 | 0.99 | 0.004 | 0.04 | 0.1 | 0.04 | 1.2 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219443 | Soil | 23 | 0.33 | 234 | 0.009 | 1 | 1.23 | 0.005 | 0.05 | 0.2 | 0.06 | 0.8 | 0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 1219444 | Soil | 20 | 0.30 | 98 | 0.016 | 1 | 1.15 | 0.004 | 0.04 | 0.2 | 0.05 | 2.1 | 0.3 | <0.05 | 3 | 0.9 | <0.2 |
| 1219445 | Soil | 21 | 0.35 | 107 | 0.015 | <1 | 1.37 | 0.005 | 0.04 | 0.1 | 0.11 | 1.5 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| 1219446 | Soil | 20 | 0.24 | 81 | 0.018 | <1 | 1.34 | 0.003 | 0.03 | 0.2 | 0.05 | 1.4 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| 1219447 | Soil | 16 | 0.15 | 426 | 0.004 | <1 | 0.76 | 0.006 | 0.09 | 0.1 | 0.14 | 0.6 | 0.4 | 0.06 | 3 | 2.8 | <0.2 |
| 1219448 | Soil | 16 | 0.14 | 54 | 0.046 | <1 | 0.89 | 0.003 | 0.03 | 0.2 | 0.03 | 1.0 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| 1219449 | Soil | 17 | 0.19 | 117 | 0.016 | <1 | 1.12 | 0.004 | 0.03 | 0.1 | 0.04 | 1.3 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| 1219450 | Soil | 18 | 0.27 | 148 | 0.012 | <1 | 0.93 | 0.004 | 0.05 | 0.1 | 0.55 | 1.1 | 0.4 | <0.05 | 3 | 0.8 | <0.2 |
| 1219564 | Soil | 15 | 0.12 | 156 | 0.004 | 2 | 0.42 | 0.003 | 0.06 | <0.1 | 0.13 | 3.1 | 0.2 | <0.05 | 2 | 0.8 | <0.2 |



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Project: Arizona
Report Date: September 19, 2011

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CERTIFICATE OF ANALYSIS

WHI11000988.1

| Method Analyte Unit MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | |
| | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1219565 | Soil | 5.4 | 37.9 | 12.4 | 73 | 0.4 | 31.4 | 17.9 | 8111 | 4.12 | 15.8 | 4.3 | 1.9 | 64 | 0.7 | 1.4 | 0.2 | 30 | 0.91 | 0.125 | 15 |
| 1219566 | Soil | 0.8 | 24.0 | 8.6 | 55 | <0.1 | 20.2 | 7.5 | 308 | 1.88 | 10.5 | 5.7 | 3.9 | 18 | 0.3 | 0.8 | 0.1 | 28 | 0.24 | 0.069 | 13 |
| 1219567 | Soil | 1.5 | 32.4 | 14.4 | 87 | 0.2 | 29.0 | 12.2 | 597 | 2.68 | 12.0 | 4.9 | 3.8 | 28 | 0.5 | 0.9 | 0.2 | 40 | 0.37 | 0.086 | 19 |
| 1219568 | Soil | 1.3 | 24.9 | 10.6 | 69 | 0.1 | 21.0 | 9.0 | 336 | 2.32 | 10.3 | 13.0 | 2.3 | 23 | 0.2 | 0.9 | 0.2 | 39 | 0.26 | 0.085 | 18 |
| 1219569 | Soil | 2.2 | 41.2 | 13.1 | 93 | 0.2 | 23.9 | 19.0 | 637 | 3.27 | 8.5 | 3.9 | 1.9 | 32 | 0.3 | 1.2 | 0.2 | 33 | 0.24 | 0.108 | 23 |
| 1219570 | Soil | 1.3 | 28.2 | 11.6 | 76 | 0.2 | 23.7 | 12.3 | 468 | 2.73 | 7.1 | 2.9 | 0.3 | 32 | 0.2 | 0.9 | 0.1 | 35 | 0.33 | 0.091 | 20 |
| 1219571 | Soil | 2.5 | 26.3 | 12.7 | 76 | 0.2 | 21.1 | 9.8 | 440 | 2.70 | 11.0 | 1.8 | 0.3 | 14 | 0.4 | 0.8 | 0.2 | 40 | 0.15 | 0.106 | 18 |
| 1219572 | Soil | 2.6 | 31.7 | 12.2 | 78 | 0.5 | 25.0 | 9.8 | 642 | 2.30 | 7.7 | 4.5 | 1.8 | 49 | 0.4 | 0.7 | 0.2 | 28 | 0.69 | 0.100 | 19 |
| 1219573 | Soil | 2.5 | 39.9 | 11.6 | 97 | 0.5 | 24.8 | 11.2 | 379 | 2.94 | 8.4 | 3.6 | 1.8 | 54 | 0.5 | 1.0 | 0.2 | 24 | 0.92 | 0.112 | 22 |
| 1219574 | Soil | 6.3 | 55.5 | 15.3 | 132 | 0.5 | 40.4 | 15.0 | 346 | 4.20 | 26.3 | 6.3 | 4.8 | 33 | 0.5 | 8.1 | 0.2 | 29 | 0.43 | 0.123 | 18 |
| 1219575 | Soil | 1.6 | 31.1 | 36.3 | 75 | 0.2 | 30.4 | 34.2 | 1643 | 5.87 | 8.8 | 11.2 | 2.8 | 28 | 0.4 | 1.1 | 0.2 | 35 | 0.24 | 0.166 | 20 |
| 1219576 | Soil | 0.8 | 10.4 | 9.7 | 36 | <0.1 | 10.4 | 4.5 | 182 | 1.63 | 7.2 | 3.4 | 0.3 | 9 | <0.1 | 0.4 | 0.2 | 31 | 0.10 | 0.047 | 11 |
| 1219577 | Soil | 1.0 | 12.5 | 11.7 | 42 | <0.1 | 12.6 | 8.7 | 414 | 2.14 | 7.5 | 2.4 | 0.9 | 10 | 0.1 | 0.5 | 0.2 | 33 | 0.11 | 0.067 | 14 |
| 1219578 | Soil | 1.1 | 14.0 | 11.2 | 50 | <0.1 | 15.3 | 11.6 | 540 | 2.35 | 8.5 | 5.8 | 0.9 | 11 | 0.2 | 0.6 | 0.2 | 34 | 0.12 | 0.059 | 14 |
| 1219579 | Soil | 1.3 | 17.4 | 15.0 | 52 | <0.1 | 16.2 | 9.5 | 371 | 2.67 | 9.4 | 2.2 | 1.9 | 11 | 0.3 | 0.7 | 0.2 | 41 | 0.09 | 0.052 | 12 |
| 1219580 | Soil | 1.3 | 16.4 | 12.3 | 62 | <0.1 | 18.6 | 9.6 | 361 | 2.62 | 11.4 | 2.0 | 2.1 | 9 | 0.2 | 0.6 | 0.2 | 45 | 0.08 | 0.054 | 15 |
| 1219581 | Soil | 1.3 | 8.7 | 9.7 | 34 | 0.1 | 6.8 | 4.0 | 230 | 1.82 | 7.6 | 1.4 | 1.1 | 8 | 0.2 | 0.5 | 0.2 | 43 | 0.06 | 0.045 | 11 |
| 1219582 | Soil | 2.2 | 22.2 | 10.9 | 54 | <0.1 | 13.5 | 6.6 | 261 | 2.82 | 11.6 | 1.4 | 1.6 | 6 | 0.2 | 0.8 | 0.2 | 45 | 0.05 | 0.045 | 11 |
| 1219583 | Soil | 4.9 | 50.9 | 14.7 | 83 | 0.2 | 27.1 | 14.1 | 1104 | 3.18 | 18.4 | 2.9 | 3.4 | 11 | 0.4 | 2.2 | 0.2 | 42 | 0.04 | 0.083 | 11 |
| 1219584 | Soil | 1.4 | 21.7 | 12.7 | 66 | <0.1 | 21.8 | 12.1 | 423 | 2.67 | 13.3 | 3.5 | 3.0 | 12 | 0.3 | 0.9 | 0.2 | 42 | 0.11 | 0.076 | 14 |
| 1219585 | Soil | 1.7 | 24.2 | 12.9 | 62 | <0.1 | 18.3 | 8.6 | 316 | 2.80 | 10.9 | 6.5 | 2.1 | 13 | 0.2 | 1.2 | 0.2 | 40 | 0.07 | 0.064 | 18 |
| 1219586 | Soil | 1.1 | 19.4 | 11.8 | 52 | <0.1 | 15.3 | 6.7 | 211 | 2.17 | 7.5 | 1.2 | 1.4 | 9 | 0.2 | 0.8 | 0.2 | 35 | 0.06 | 0.081 | 18 |
| 1219587 | Soil | 1.2 | 18.9 | 12.2 | 54 | <0.1 | 15.1 | 7.1 | 229 | 2.46 | 11.5 | 2.0 | 1.5 | 12 | 0.2 | 1.1 | 0.2 | 41 | 0.08 | 0.048 | 14 |
| 1219588 | Soil | 2.1 | 17.2 | 16.4 | 55 | 0.1 | 15.0 | 7.6 | 274 | 2.75 | 15.0 | 3.7 | 2.6 | 17 | 0.2 | 2.6 | 0.3 | 49 | 0.06 | 0.064 | 14 |
| 1219589 | Soil | 1.3 | 43.1 | 10.5 | 49 | <0.1 | 19.1 | 6.1 | 291 | 2.19 | 14.8 | 5.1 | 1.3 | 33 | 0.2 | 1.3 | 0.2 | 40 | 0.10 | 0.058 | 13 |



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 Report Date: September 19, 2011

Page: 4 of 4 Part 2

CERTIFICATE OF ANALYSIS

WHI11000988.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1219565 | Soil | 17 | 0.29 | 426 | 0.008 | 5 | 0.79 | 0.007 | 0.06 | <0.1 | 0.18 | 2.9 | 0.3 | 0.09 | 3 | 0.6 | <0.2 |
| 1219566 | Soil | 16 | 0.31 | 228 | 0.027 | 1 | 0.75 | 0.006 | 0.04 | 0.2 | 0.05 | 2.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219567 | Soil | 23 | 0.44 | 282 | 0.031 | 1 | 1.04 | 0.010 | 0.06 | 0.2 | 0.07 | 3.2 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219568 | Soil | 21 | 0.37 | 245 | 0.025 | 1 | 0.95 | 0.007 | 0.05 | 0.3 | 0.05 | 2.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219569 | Soil | 17 | 0.17 | 140 | 0.008 | <1 | 0.57 | 0.003 | 0.05 | <0.1 | 0.11 | 2.8 | 0.2 | <0.05 | 2 | 0.6 | <0.2 |
| 1219570 | Soil | 21 | 0.30 | 158 | 0.008 | 2 | 0.98 | 0.007 | 0.06 | 0.1 | 0.07 | 1.3 | 0.2 | 0.06 | 3 | <0.5 | <0.2 |
| 1219571 | Soil | 23 | 0.24 | 217 | 0.005 | <1 | 1.06 | 0.004 | 0.07 | <0.1 | 0.07 | 0.7 | 0.3 | <0.05 | 4 | 0.6 | <0.2 |
| 1219572 | Soil | 16 | 0.33 | 403 | 0.006 | <1 | 0.98 | 0.005 | 0.05 | 0.1 | 0.18 | 3.1 | 0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1219573 | Soil | 12 | 0.21 | 330 | 0.004 | 2 | 0.71 | 0.004 | 0.05 | <0.1 | 0.26 | 3.6 | 0.1 | <0.05 | 2 | 1.1 | <0.2 |
| 1219574 | Soil | 10 | 0.09 | 175 | 0.003 | <1 | 0.34 | 0.003 | 0.06 | 0.2 | 0.41 | 5.3 | 0.2 | <0.05 | 1 | 0.7 | <0.2 |
| 1219575 | Soil | 24 | 0.29 | 178 | 0.010 | 1 | 1.44 | 0.007 | 0.05 | 0.3 | 0.08 | 2.8 | 0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1219576 | Soil | 17 | 0.25 | 99 | 0.011 | <1 | 0.95 | 0.004 | 0.03 | 0.2 | 0.05 | 0.6 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219577 | Soil | 18 | 0.23 | 87 | 0.017 | <1 | 0.83 | 0.003 | 0.04 | 0.2 | 0.04 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219578 | Soil | 18 | 0.28 | 163 | 0.017 | <1 | 0.90 | 0.003 | 0.04 | 0.2 | 0.02 | 1.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219579 | Soil | 20 | 0.35 | 235 | 0.017 | <1 | 1.34 | 0.005 | 0.03 | 0.2 | 0.03 | 1.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219580 | Soil | 24 | 0.42 | 258 | 0.019 | <1 | 1.60 | 0.005 | 0.04 | 0.2 | 0.06 | 2.4 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219581 | Soil | 14 | 0.14 | 189 | 0.018 | <1 | 0.89 | 0.004 | 0.03 | 0.1 | 0.02 | 1.1 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1219582 | Soil | 19 | 0.23 | 104 | 0.024 | 1 | 0.99 | 0.003 | 0.04 | 0.2 | 0.03 | 1.3 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1219583 | Soil | 20 | 0.26 | 181 | 0.012 | <1 | 1.33 | 0.003 | 0.05 | 0.2 | 0.07 | 2.4 | 0.4 | <0.05 | 4 | 0.6 | <0.2 |
| 1219584 | Soil | 27 | 0.42 | 139 | 0.024 | <1 | 1.64 | 0.005 | 0.04 | 0.2 | 0.08 | 2.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219585 | Soil | 22 | 0.27 | 141 | 0.020 | <1 | 1.06 | 0.003 | 0.04 | 0.1 | 0.10 | 2.5 | 0.2 | <0.05 | 4 | 0.7 | <0.2 |
| 1219586 | Soil | 20 | 0.27 | 133 | 0.022 | <1 | 1.07 | 0.003 | 0.03 | 0.1 | 0.05 | 1.9 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219587 | Soil | 24 | 0.41 | 155 | 0.022 | <1 | 1.31 | 0.005 | 0.04 | 0.2 | 0.09 | 2.2 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| 1219588 | Soil | 26 | 0.38 | 148 | 0.025 | <1 | 1.42 | 0.004 | 0.05 | 0.2 | 0.28 | 2.3 | 0.4 | <0.05 | 5 | <0.5 | <0.2 |
| 1219589 | Soil | 19 | 0.29 | 137 | 0.018 | <1 | 0.93 | 0.005 | 0.04 | 0.2 | 0.17 | 1.6 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |



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Page: 1 of 1 **Part** 1

QUALITY CONTROL REPORT

WHI11000988.1

| Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|------|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | |
| Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 1218974 | Soil | 3.3 | 38.3 | 15.4 | 115 | 0.4 | 36.1 | 14.0 | 237 | 3.84 | 12.7 | 17.9 | 4.1 | 42 | 0.4 | 1.0 | 0.4 | 105 | 0.23 | 0.084 | 16 |
| REP 1218974 | QC | 3.4 | 38.7 | 15.5 | 115 | 0.4 | 35.3 | 14.2 | 238 | 3.98 | 12.8 | 3.8 | 4.1 | 41 | 0.4 | 1.0 | 0.4 | 104 | 0.22 | 0.084 | 16 |
| 1217138 | Soil | 1.4 | 31.0 | 16.8 | 56 | 0.3 | 25.4 | 12.4 | 416 | 2.92 | 7.3 | 4.4 | 3.8 | 22 | 0.2 | 0.4 | 0.2 | 42 | 0.17 | 0.062 | 21 |
| REP 1217138 | QC | 1.4 | 30.1 | 16.0 | 57 | 0.3 | 25.3 | 12.3 | 401 | 2.80 | 7.4 | 2.5 | 3.8 | 21 | 0.2 | 0.4 | 0.2 | 44 | 0.17 | 0.059 | 21 |
| 1217971 | Soil | 4.6 | 90.9 | 26.6 | 125 | 0.4 | 43.4 | 13.2 | 229 | 5.38 | 45.9 | 6.7 | 3.4 | 91 | 0.9 | 2.5 | 1.0 | 75 | 0.17 | 0.147 | 15 |
| REP 1217971 | QC | 4.5 | 87.8 | 26.5 | 124 | 0.4 | 44.2 | 12.8 | 216 | 5.28 | 45.3 | 5.0 | 3.3 | 86 | 0.9 | 2.2 | 0.9 | 71 | 0.16 | 0.144 | 15 |
| 1219443 | Soil | 2.2 | 21.5 | 24.4 | 76 | 0.2 | 17.0 | 17.0 | 1095 | 3.23 | 11.1 | 1.9 | 0.5 | 14 | 0.7 | 0.7 | 0.2 | 44 | 0.12 | 0.124 | 15 |
| REP 1219443 | QC | 2.2 | 21.7 | 25.1 | 76 | 0.2 | 16.5 | 16.8 | 1065 | 3.24 | 10.6 | 3.4 | 0.4 | 13 | 0.7 | 0.7 | 0.2 | 44 | 0.12 | 0.128 | 16 |
| 1219576 | Soil | 0.8 | 10.4 | 9.7 | 36 | <0.1 | 10.4 | 4.5 | 182 | 1.63 | 7.2 | 3.4 | 0.3 | 9 | <0.1 | 0.4 | 0.2 | 31 | 0.10 | 0.047 | 11 |
| REP 1219576 | QC | 0.8 | 10.4 | 9.9 | 37 | <0.1 | 10.6 | 4.3 | 180 | 1.58 | 7.1 | 2.5 | 0.4 | 9 | 0.1 | 0.4 | 0.2 | 29 | 0.09 | 0.047 | 11 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | 12.4 | 121.5 | 131.4 | 334 | 1.9 | 41.2 | 8.2 | 627 | 2.58 | 26.4 | 110.9 | 6.4 | 65 | 2.5 | 5.8 | 7.3 | 44 | 0.67 | 0.083 | 13 |
| STD DS8 | Standard | 11.3 | 104.2 | 121.0 | 305 | 1.7 | 36.5 | 7.5 | 584 | 2.36 | 25.1 | 112.8 | 6.5 | 59 | 2.2 | 5.1 | 7.0 | 40 | 0.63 | 0.077 | 12 |
| STD DS8 | Standard | 11.8 | 103.1 | 121.3 | 301 | 1.7 | 35.8 | 7.2 | 581 | 2.37 | 24.8 | 117.2 | 6.5 | 62 | 2.2 | 5.3 | 6.9 | 40 | 0.63 | 0.076 | 14 |
| STD DS8 | Standard | 12.7 | 107.7 | 123.4 | 310 | 1.8 | 38.3 | 7.4 | 588 | 2.35 | 22.8 | 99.7 | 6.2 | 60 | 2.1 | 5.1 | 5.8 | 41 | 0.64 | 0.075 | 14 |
| STD DS8 | Standard | 13.2 | 117.8 | 119.7 | 315 | 1.8 | 42.3 | 8.7 | 620 | 2.55 | 24.1 | 111.2 | 6.0 | 61 | 2.5 | 5.5 | 6.9 | 48 | 0.69 | 0.081 | 14 |
| STD DS8 Expected | | 13.44 | 110 | 123 | 312 | 1.69 | 38.1 | 7.5 | 615 | 2.46 | 26 | 107 | 6.89 | 67.7 | 2.38 | 5.7 | 6.67 | 41.1 | 0.7 | 0.08 | 14.6 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | 0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |

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



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QUALITY CONTROL REPORT

WHI11000988.1

| Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------------------|----------|-------|--------|-------|--------|-------|-------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| Analyte | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | |
| Unit | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | |
| 1218974 | Soil | 45 | 0.58 | 570 | 0.125 | <1 | 2.47 | 0.013 | 0.12 | 0.4 | 0.04 | 4.7 | 0.2 | <0.05 | 7 | 0.7 | <0.2 |
| REP 1218974 | QC | 46 | 0.59 | 569 | 0.125 | 1 | 2.44 | 0.013 | 0.12 | 0.4 | 0.04 | 4.7 | 0.2 | <0.05 | 7 | 0.8 | <0.2 |
| 1217138 | Soil | 28 | 0.48 | 630 | 0.011 | 2 | 2.02 | 0.007 | 0.06 | 0.1 | 0.17 | 4.6 | <0.1 | <0.05 | 5 | 0.8 | <0.2 |
| REP 1217138 | QC | 28 | 0.49 | 619 | 0.013 | 2 | 2.06 | 0.007 | 0.06 | 0.1 | 0.15 | 4.8 | 0.1 | <0.05 | 5 | 0.5 | <0.2 |
| 1217971 | Soil | 30 | 0.41 | 354 | 0.046 | 3 | 2.40 | 0.063 | 0.10 | 0.3 | 0.05 | 3.6 | 0.4 | 0.33 | 5 | 2.1 | <0.2 |
| REP 1217971 | QC | 29 | 0.42 | 341 | 0.044 | 1 | 2.26 | 0.059 | 0.10 | 0.3 | 0.04 | 3.5 | 0.4 | 0.31 | 5 | 2.1 | <0.2 |
| 1219443 | Soil | 23 | 0.33 | 234 | 0.009 | 1 | 1.23 | 0.005 | 0.05 | 0.2 | 0.06 | 0.8 | 0.1 | <0.05 | 4 | 0.5 | <0.2 |
| REP 1219443 | QC | 23 | 0.30 | 234 | 0.012 | 2 | 1.19 | 0.005 | 0.06 | 0.2 | 0.07 | 0.9 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| 1219576 | Soil | 17 | 0.25 | 99 | 0.011 | <1 | 0.95 | 0.004 | 0.03 | 0.2 | 0.05 | 0.6 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1219576 | QC | 17 | 0.24 | 98 | 0.011 | <1 | 0.95 | 0.004 | 0.03 | 0.1 | 0.05 | 0.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| Reference Materials | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | 126 | 0.69 | 262 | 0.111 | <1 | 0.89 | 0.074 | 0.42 | 3.0 | 0.19 | 2.0 | 5.5 | 0.16 | 5 | 5.6 | 5.3 |
| STD DS8 | Standard | 109 | 0.58 | 239 | 0.092 | 2 | 0.85 | 0.089 | 0.40 | 2.6 | 0.20 | 1.9 | 5.1 | 0.14 | 4 | 4.6 | 4.6 |
| STD DS8 | Standard | 110 | 0.59 | 254 | 0.116 | 3 | 0.84 | 0.079 | 0.40 | 2.8 | 0.21 | 2.0 | 5.1 | 0.14 | 4 | 5.2 | 4.4 |
| STD DS8 | Standard | 118 | 0.59 | 267 | 0.109 | 2 | 0.86 | 0.084 | 0.39 | 3.0 | 0.19 | 1.9 | 5.4 | 0.15 | 4 | 4.9 | 4.8 |
| STD DS8 | Standard | 127 | 0.63 | 264 | 0.124 | 3 | 0.91 | 0.083 | 0.40 | 3.0 | 0.20 | 2.1 | 5.4 | 0.20 | 5 | 4.9 | 5.1 |
| STD DS8 Expected | | 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 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |



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Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: July 27, 2011
Report Date: August 25, 2011
Page: 1 of 11

CERTIFICATE OF ANALYSIS

WHI11000908.1

CLIENT JOB INFORMATION

Project: Arizona
Shipment ID:
P.O. Number
Number of Samples: 277

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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: Goldstrike Resources (Petro One Energy Corp)
1300 - 111 West Georgia Street
Vancouver BC V6E 4M3
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

ADDITIONAL COMMENTS



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



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Project: Arizona
Report Date: August 25, 2011

Page: 2 of 11 Part 1

CERTIFICATE OF ANALYSIS

WHI11000908.1

| | Method Analyte | 1DX15 | | | | | | | | | | | | | | | | | | | |
|---------|-------------------|-------|-------|------|-----|------|------|------|-----|------|------|------|------|-----|-----|-----|-----|-----|------|-------|-----|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm |
| | MDL | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1219035 | Soil | 0.9 | 28.1 | 8.7 | 56 | <0.1 | 18.5 | 8.8 | 302 | 2.02 | 8.6 | 1.5 | 2.6 | 18 | 0.2 | 0.8 | 0.2 | 39 | 0.19 | 0.054 | 16 |
| 1219036 | Soil | 0.7 | 25.5 | 8.1 | 53 | <0.1 | 20.6 | 9.0 | 339 | 1.92 | 8.0 | 1.8 | 3.0 | 15 | 0.3 | 0.7 | 0.1 | 35 | 0.17 | 0.062 | 15 |
| 1219037 | Soil | 0.8 | 18.1 | 7.8 | 53 | <0.1 | 16.4 | 8.3 | 268 | 1.92 | 7.5 | 1.9 | 2.1 | 15 | 0.2 | 0.6 | 0.1 | 39 | 0.16 | 0.060 | 16 |
| 1219038 | Soil | 0.9 | 21.0 | 8.1 | 62 | <0.1 | 19.7 | 8.4 | 314 | 2.17 | 8.4 | 2.3 | 3.7 | 23 | 0.3 | 0.7 | 0.1 | 43 | 0.26 | 0.065 | 17 |
| 1219039 | Soil | 1.0 | 24.0 | 8.8 | 58 | <0.1 | 19.1 | 8.7 | 308 | 2.05 | 9.8 | 2.7 | 1.6 | 13 | 0.2 | 0.7 | 0.2 | 41 | 0.14 | 0.057 | 16 |
| 1219040 | Soil | 1.8 | 40.8 | 10.9 | 81 | 0.1 | 29.0 | 10.7 | 480 | 2.55 | 11.2 | 1.2 | 4.6 | 26 | 0.4 | 1.0 | 0.2 | 41 | 0.30 | 0.099 | 19 |
| 1219041 | Soil | 1.1 | 31.8 | 10.3 | 63 | <0.1 | 24.8 | 9.1 | 345 | 2.25 | 12.7 | 1.6 | 4.6 | 22 | 0.2 | 1.2 | 0.2 | 36 | 0.24 | 0.073 | 16 |
| 1219042 | Soil | 1.4 | 24.8 | 10.0 | 58 | <0.1 | 21.8 | 9.2 | 260 | 2.46 | 11.8 | 5.1 | 3.2 | 19 | 0.2 | 0.7 | 0.2 | 42 | 0.19 | 0.074 | 17 |
| 1219043 | Soil | 0.9 | 23.5 | 9.8 | 63 | <0.1 | 19.1 | 10.9 | 355 | 2.36 | 10.2 | 12.0 | 2.1 | 13 | 0.2 | 0.7 | 0.2 | 41 | 0.15 | 0.074 | 14 |
| 1219044 | Soil | 1.1 | 19.4 | 8.9 | 46 | <0.1 | 19.0 | 8.6 | 207 | 2.25 | 7.1 | 5.5 | 1.5 | 20 | 0.1 | 0.6 | 0.2 | 41 | 0.15 | 0.052 | 21 |
| 1219045 | Soil | 1.0 | 19.9 | 8.8 | 54 | <0.1 | 18.1 | 8.2 | 228 | 2.06 | 7.0 | 2.0 | 2.5 | 17 | 0.1 | 0.7 | 0.2 | 40 | 0.17 | 0.048 | 17 |
| 1219046 | Soil | 1.3 | 23.5 | 9.7 | 56 | <0.1 | 17.5 | 7.7 | 260 | 1.95 | 7.1 | 1.8 | 3.1 | 17 | 0.2 | 0.9 | 0.1 | 36 | 0.17 | 0.050 | 17 |
| 1219047 | Soil | 1.1 | 22.5 | 12.4 | 63 | <0.1 | 21.4 | 10.0 | 364 | 2.49 | 11.2 | 5.9 | 2.3 | 17 | 0.2 | 0.7 | 0.2 | 49 | 0.17 | 0.076 | 16 |
| 1219048 | Soil | 1.1 | 25.4 | 10.0 | 64 | <0.1 | 20.5 | 9.1 | 313 | 2.19 | 8.5 | 2.3 | 4.0 | 21 | 0.2 | 0.9 | 0.2 | 42 | 0.21 | 0.054 | 17 |
| 1219049 | Soil | 1.0 | 17.3 | 8.7 | 40 | <0.1 | 12.3 | 4.4 | 135 | 1.68 | 8.0 | 1.6 | 0.3 | 10 | 0.1 | 0.5 | 0.2 | 36 | 0.09 | 0.051 | 14 |
| 1219050 | Soil | 1.2 | 22.6 | 10.3 | 60 | <0.1 | 20.5 | 8.9 | 345 | 2.16 | 8.7 | 24.9 | 2.9 | 20 | 0.2 | 0.8 | 0.2 | 44 | 0.21 | 0.060 | 17 |
| 1219051 | Soil | 1.3 | 33.3 | 11.9 | 77 | 0.1 | 27.6 | 10.4 | 357 | 2.60 | 12.5 | 7.0 | 4.9 | 28 | 0.4 | 1.1 | 0.2 | 50 | 0.30 | 0.076 | 17 |
| 1219052 | Soil | 1.0 | 28.8 | 8.6 | 56 | <0.1 | 20.1 | 9.5 | 253 | 2.04 | 11.1 | 1.8 | 3.7 | 21 | 0.2 | 0.8 | 0.1 | 37 | 0.22 | 0.074 | 14 |
| 1219053 | Soil | 0.9 | 22.8 | 9.1 | 59 | <0.1 | 19.5 | 8.9 | 304 | 1.96 | 8.1 | 3.3 | 3.5 | 23 | 0.2 | 0.7 | 0.1 | 38 | 0.24 | 0.067 | 17 |
| 1219054 | Soil | 1.1 | 29.7 | 10.9 | 67 | 0.1 | 24.0 | 9.4 | 343 | 2.23 | 10.9 | 3.1 | 4.3 | 26 | 0.2 | 0.9 | 0.2 | 42 | 0.30 | 0.074 | 17 |
| 1219055 | Soil | 1.0 | 28.1 | 9.2 | 64 | 0.1 | 23.3 | 10.3 | 396 | 2.14 | 9.7 | 2.1 | 4.0 | 23 | 0.3 | 0.8 | 0.2 | 39 | 0.26 | 0.071 | 16 |
| 1219056 | Soil | 0.8 | 20.3 | 8.0 | 48 | <0.1 | 16.5 | 6.5 | 203 | 1.75 | 7.1 | 1.5 | 2.0 | 18 | 0.1 | 0.6 | 0.1 | 34 | 0.20 | 0.059 | 16 |
| 1219057 | Soil | 1.0 | 23.8 | 10.9 | 55 | <0.1 | 19.9 | 8.2 | 265 | 2.04 | 7.0 | 1.8 | 3.6 | 17 | 0.2 | 0.7 | 0.2 | 35 | 0.16 | 0.047 | 16 |
| 1219058 | Soil | 1.2 | 22.5 | 11.2 | 61 | <0.1 | 17.2 | 8.4 | 273 | 2.10 | 6.7 | 1.8 | 3.6 | 15 | 0.2 | 0.8 | 0.2 | 38 | 0.14 | 0.050 | 18 |
| 1219059 | Soil | 1.0 | 28.8 | 11.3 | 67 | 0.1 | 23.7 | 9.6 | 335 | 2.17 | 9.0 | 1.7 | 5.1 | 27 | 0.2 | 0.9 | 0.2 | 43 | 0.29 | 0.070 | 17 |
| 1219060 | Soil | 1.0 | 28.8 | 10.2 | 61 | <0.1 | 22.2 | 9.3 | 365 | 2.08 | 9.4 | 1.0 | 4.3 | 22 | 0.2 | 0.7 | 0.2 | 38 | 0.24 | 0.068 | 15 |
| 1219061 | Soil | 1.2 | 24.4 | 11.5 | 60 | 0.1 | 20.6 | 7.3 | 226 | 2.09 | 8.7 | 1.9 | 3.3 | 22 | 0.1 | 0.7 | 0.2 | 42 | 0.24 | 0.058 | 15 |
| 1219062 | Soil | 1.6 | 76.3 | 16.7 | 111 | 0.1 | 30.6 | 11.4 | 282 | 2.87 | 11.4 | 10.4 | 5.7 | 28 | 0.6 | 1.6 | 0.2 | 42 | 0.20 | 0.089 | 19 |
| 1219063 | Soil | 4.8 | 148.1 | 28.3 | 158 | 0.2 | 34.9 | 21.6 | 517 | 4.39 | 11.2 | 20.5 | 5.2 | 38 | 0.3 | 2.1 | 0.3 | 52 | 0.08 | 0.098 | 23 |
| 1219064 | Soil | 2.1 | 44.1 | 19.6 | 59 | 0.6 | 51.2 | 23.8 | 589 | 6.09 | 5.9 | 4.6 | 12.8 | 23 | 0.6 | 1.3 | 0.2 | 39 | 0.17 | 0.097 | 49 |



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Project: Arizona
Report Date: August 25, 2011

Page: 2 of 11 Part 2

CERTIFICATE OF ANALYSIS

WHI11000908.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1219035 | Soil | 20 | 0.35 | 300 | 0.032 | 2 | 1.09 | 0.005 | 0.03 | 0.1 | 0.04 | 2.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219036 | Soil | 19 | 0.34 | 191 | 0.033 | 1 | 0.94 | 0.005 | 0.03 | 0.2 | 0.02 | 2.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219037 | Soil | 22 | 0.35 | 210 | 0.033 | 3 | 1.17 | 0.005 | 0.03 | 0.1 | 0.04 | 2.2 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1219038 | Soil | 24 | 0.40 | 427 | 0.049 | 2 | 1.12 | 0.008 | 0.04 | 0.2 | 0.03 | 2.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219039 | Soil | 23 | 0.36 | 230 | 0.025 | <1 | 1.18 | 0.005 | 0.03 | 0.1 | 0.05 | 2.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219040 | Soil | 23 | 0.37 | 399 | 0.041 | 2 | 0.98 | 0.006 | 0.05 | 0.2 | 0.08 | 3.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219041 | Soil | 22 | 0.38 | 353 | 0.033 | 1 | 1.03 | 0.006 | 0.06 | 0.2 | 0.07 | 3.3 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1219042 | Soil | 27 | 0.41 | 228 | 0.026 | 2 | 1.45 | 0.006 | 0.05 | 0.2 | 0.06 | 3.0 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1219043 | Soil | 24 | 0.36 | 143 | 0.027 | 1 | 1.56 | 0.004 | 0.04 | 0.2 | 0.02 | 2.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219044 | Soil | 24 | 0.44 | 240 | 0.026 | 1 | 1.27 | 0.005 | 0.04 | <0.1 | 0.04 | 2.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219045 | Soil | 23 | 0.38 | 226 | 0.036 | <1 | 1.24 | 0.007 | 0.04 | 0.1 | 0.03 | 2.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219046 | Soil | 21 | 0.34 | 188 | 0.040 | <1 | 0.93 | 0.005 | 0.04 | 0.1 | 0.04 | 2.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219047 | Soil | 30 | 0.42 | 312 | 0.031 | 2 | 1.63 | 0.007 | 0.04 | 0.2 | 0.05 | 3.0 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1219048 | Soil | 24 | 0.39 | 290 | 0.053 | 1 | 1.16 | 0.007 | 0.04 | 0.2 | 0.03 | 2.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219049 | Soil | 21 | 0.30 | 133 | 0.017 | 1 | 1.12 | 0.004 | 0.03 | 0.2 | 0.05 | 1.1 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1219050 | Soil | 25 | 0.40 | 273 | 0.043 | 1 | 1.18 | 0.008 | 0.04 | 0.2 | 0.04 | 2.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219051 | Soil | 29 | 0.45 | 586 | 0.057 | 1 | 1.37 | 0.010 | 0.06 | 0.2 | 0.04 | 4.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219052 | Soil | 21 | 0.35 | 264 | 0.040 | 1 | 0.96 | 0.005 | 0.04 | 0.2 | 0.04 | 2.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219053 | Soil | 22 | 0.39 | 319 | 0.048 | 1 | 1.01 | 0.008 | 0.04 | 0.2 | 0.03 | 2.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219054 | Soil | 25 | 0.42 | 394 | 0.048 | <1 | 1.20 | 0.010 | 0.05 | 0.2 | 0.05 | 3.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219055 | Soil | 22 | 0.38 | 330 | 0.043 | <1 | 0.99 | 0.007 | 0.04 | 0.2 | 0.04 | 2.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219056 | Soil | 21 | 0.36 | 203 | 0.036 | <1 | 1.03 | 0.006 | 0.03 | 0.1 | 0.03 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219057 | Soil | 22 | 0.34 | 181 | 0.036 | <1 | 1.04 | 0.005 | 0.04 | 0.1 | 0.04 | 2.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219058 | Soil | 22 | 0.36 | 155 | 0.039 | <1 | 1.11 | 0.007 | 0.04 | 0.1 | 0.03 | 2.3 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1219059 | Soil | 25 | 0.42 | 288 | 0.054 | 1 | 1.15 | 0.010 | 0.06 | 0.2 | 0.04 | 3.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219060 | Soil | 21 | 0.37 | 329 | 0.040 | 1 | 1.07 | 0.007 | 0.04 | 0.2 | 0.04 | 3.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219061 | Soil | 27 | 0.37 | 263 | 0.039 | <1 | 1.25 | 0.009 | 0.05 | 0.2 | 0.04 | 3.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219062 | Soil | 26 | 0.62 | 290 | 0.035 | 2 | 1.40 | 0.007 | 0.13 | 0.1 | 0.03 | 2.8 | 0.2 | 0.05 | 4 | 1.0 | <0.2 |
| 1219063 | Soil | 29 | 0.80 | 295 | 0.023 | 3 | 1.73 | 0.013 | 0.21 | <0.1 | 0.03 | 2.8 | 0.2 | 0.12 | 6 | 1.8 | <0.2 |
| 1219064 | Soil | 26 | 0.89 | 335 | 0.003 | 4 | 1.48 | 0.003 | 0.17 | <0.1 | 0.04 | 5.3 | 0.2 | <0.05 | 5 | 1.4 | <0.2 |

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



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Project: Arizona
 Report Date: August 25, 2011

Page: 3 of 11 Part 1

CERTIFICATE OF ANALYSIS

WHI11000908.1

| | Method Analyte Unit MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm |
| 1219065 | Soil | 3.1 | 81.5 | 50.6 | 267 | 0.6 | 60.5 | 24.4 | 718 | 5.57 | 8.1 | 17.6 | 13.8 | 28 | 2.8 | 2.9 | 0.3 | 27 | 0.15 | 0.100 | 45 |
| 1219066 | Soil | 1.8 | 54.1 | 23.4 | 134 | 0.2 | 40.7 | 24.9 | 680 | 3.56 | 4.2 | 4.1 | 11.8 | 18 | 1.1 | 1.1 | 0.2 | 24 | 0.12 | 0.075 | 40 |
| 1219067 | Soil | 1.4 | 37.4 | 13.8 | 66 | 0.3 | 27.3 | 10.6 | 473 | 2.52 | 7.8 | 2.6 | 6.4 | 101 | 0.4 | 0.8 | 0.1 | 27 | 3.13 | 0.092 | 19 |
| 1219068 | Soil | 4.7 | 70.1 | 26.4 | 70 | 0.6 | 53.8 | 19.9 | 323 | 4.42 | 16.5 | 4.8 | 13.5 | 57 | 0.2 | 2.3 | 0.2 | 48 | 0.49 | 0.213 | 19 |
| 1219069 | Soil | 1.7 | 20.1 | 13.3 | 62 | <0.1 | 17.5 | 9.8 | 297 | 2.56 | 11.7 | 1.5 | 3.4 | 13 | 0.3 | 1.0 | 0.2 | 45 | 0.14 | 0.066 | 14 |
| 1219070 | Soil | 5.9 | 63.7 | 17.5 | 118 | 0.7 | 41.4 | 13.4 | 346 | 3.00 | 7.7 | 14.9 | 2.9 | 58 | 0.7 | 1.8 | 0.2 | 35 | 2.19 | 0.102 | 21 |
| 1219071 | Soil | 2.6 | 50.1 | 22.3 | 84 | 0.2 | 42.1 | 20.8 | 483 | 4.43 | 13.3 | 6.8 | 10.8 | 20 | 0.4 | 6.1 | 0.3 | 45 | 0.21 | 0.069 | 37 |
| 1219072 | Soil | 2.4 | 33.5 | 13.5 | 107 | 0.3 | 23.0 | 11.8 | 302 | 2.92 | 12.5 | 2.7 | 3.2 | 21 | 0.5 | 1.8 | 0.2 | 40 | 0.17 | 0.094 | 15 |
| 1219073 | Soil | 6.7 | 121.8 | 18.0 | 180 | 0.1 | 43.7 | 18.7 | 634 | 3.91 | 13.6 | 10.6 | 4.6 | 22 | 0.5 | 2.2 | 0.2 | 47 | 0.12 | 0.123 | 16 |
| 1219074 | Soil | 8.1 | 74.5 | 20.3 | 129 | 0.3 | 42.4 | 16.7 | 774 | 4.13 | 17.1 | 15.0 | 4.8 | 25 | 0.8 | 1.9 | 0.2 | 42 | 0.14 | 0.087 | 18 |
| 1219075 | Soil | 2.2 | 58.7 | 11.1 | 77 | 0.5 | 21.3 | 7.4 | 211 | 1.96 | 5.5 | 1.6 | 0.2 | 21 | 0.5 | 0.8 | 0.2 | 31 | 0.25 | 0.169 | 13 |
| 1219076 | Soil | 2.1 | 74.7 | 13.9 | 145 | 0.3 | 36.7 | 12.6 | 508 | 3.05 | 8.5 | 5.7 | 1.5 | 29 | 0.9 | 1.0 | 0.2 | 50 | 0.23 | 0.136 | 16 |
| 1219077 | Soil | 7.3 | 219.3 | 26.0 | 320 | 1.2 | 65.8 | 11.2 | 637 | 3.18 | 14.2 | 20.1 | 0.6 | 40 | 0.9 | 3.6 | 0.3 | 45 | 0.35 | 0.195 | 13 |
| 1219078 | Soil | 8.0 | 195.2 | 14.2 | 270 | 1.3 | 57.3 | 8.7 | 159 | 2.11 | 8.8 | 19.9 | 2.9 | 52 | 1.3 | 3.2 | 0.2 | 30 | 0.80 | 0.123 | 13 |
| 1219079 | Soil | 2.9 | 78.5 | 10.8 | 106 | 0.7 | 27.5 | 6.3 | 181 | 1.73 | 8.1 | 8.3 | 1.3 | 69 | 0.9 | 2.0 | 0.2 | 26 | 1.58 | 0.080 | 15 |
| 1219080 | Soil | 4.9 | 73.3 | 12.6 | 148 | 0.7 | 32.9 | 7.2 | 167 | 2.06 | 8.3 | 5.6 | 2.2 | 51 | 1.3 | 2.2 | 0.2 | 35 | 1.12 | 0.083 | 15 |
| 1219081 | Soil | 4.1 | 51.9 | 11.2 | 150 | 0.5 | 32.5 | 7.8 | 186 | 1.86 | 7.3 | 5.4 | 2.6 | 45 | 1.0 | 1.5 | 0.1 | 34 | 0.97 | 0.073 | 18 |
| 1219082 | Soil | 3.2 | 80.4 | 14.0 | 143 | 1.0 | 34.2 | 7.6 | 220 | 2.09 | 7.7 | 8.0 | 2.0 | 50 | 0.9 | 1.4 | 0.1 | 34 | 0.89 | 0.090 | 16 |
| 1219083 | Soil | 1.4 | 43.6 | 9.9 | 78 | 0.3 | 25.6 | 10.7 | 326 | 2.67 | 9.6 | 2.5 | 2.4 | 35 | 0.4 | 0.8 | 0.1 | 30 | 0.49 | 0.075 | 18 |
| 1219084 | Soil | 9.4 | 464.9 | 31.0 | 509 | 2.6 | 105.5 | 13.8 | 180 | 4.21 | 19.0 | 5.5 | 4.3 | 53 | 2.3 | 6.2 | 0.3 | 48 | 0.48 | 0.186 | 10 |
| 1219085 | Soil | 1.4 | 40.3 | 11.2 | 91 | 0.3 | 31.7 | 10.3 | 607 | 2.54 | 8.9 | 1.6 | 3.2 | 31 | 0.3 | 0.8 | 0.1 | 35 | 0.50 | 0.080 | 20 |
| 1219086 | Soil | 1.0 | 40.5 | 10.6 | 87 | 0.3 | 25.3 | 7.1 | 142 | 1.99 | 6.0 | 4.1 | 2.8 | 30 | 0.2 | 0.9 | 0.1 | 34 | 0.39 | 0.076 | 19 |
| 1219087 | Soil | 0.8 | 30.1 | 11.0 | 74 | 0.2 | 19.5 | 5.5 | 120 | 1.52 | 3.1 | 10.7 | 2.8 | 36 | 0.3 | 0.6 | 0.1 | 21 | 0.65 | 0.068 | 17 |
| 1219088 | Soil | 2.3 | 81.8 | 14.6 | 90 | 0.4 | 27.5 | 7.5 | 83 | 2.24 | 6.2 | 12.7 | 4.1 | 67 | 0.9 | 1.2 | 0.2 | 30 | 0.93 | 0.067 | 20 |
| 1219089 | Soil | 0.6 | 55.4 | 6.4 | 38 | 0.2 | 34.9 | 10.3 | 268 | 2.98 | 4.5 | 5.9 | 1.0 | 76 | 0.1 | 0.6 | 0.1 | 123 | 1.99 | 0.069 | 17 |
| 1219090 | Soil | 0.6 | 35.3 | 8.1 | 50 | <0.1 | 45.0 | 14.9 | 403 | 3.23 | 8.1 | 1.4 | 1.7 | 18 | 0.1 | 0.6 | 0.1 | 89 | 0.31 | 0.051 | 20 |
| 1219091 | Soil | 0.4 | 35.8 | 7.4 | 60 | <0.1 | 42.8 | 15.1 | 506 | 2.91 | 7.0 | 4.1 | 3.4 | 30 | 0.2 | 0.6 | 0.1 | 81 | 0.54 | 0.079 | 16 |
| 1219092 | Soil | 0.5 | 29.0 | 8.0 | 62 | <0.1 | 36.6 | 14.3 | 381 | 2.74 | 6.9 | 2.4 | 2.5 | 33 | 0.1 | 0.4 | 0.1 | 79 | 0.68 | 0.066 | 14 |
| 1219093 | Soil | 0.5 | 49.0 | 8.0 | 74 | <0.1 | 58.6 | 20.6 | 514 | 3.65 | 5.1 | 5.1 | 3.0 | 42 | 0.2 | 0.4 | 0.1 | 122 | 0.81 | 0.077 | 17 |
| 1219094 | Soil | 0.5 | 31.6 | 6.7 | 51 | <0.1 | 41.8 | 14.2 | 420 | 3.09 | 5.7 | 2.7 | 2.5 | 33 | <0.1 | 0.5 | 0.1 | 97 | 0.68 | 0.048 | 15 |

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Project: Arizona
 Report Date: August 25, 2011

Page: 3 of 11 Part 2

CERTIFICATE OF ANALYSIS

WHI11000908.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1219065 | Soil | 15 | 0.15 | 269 | 0.003 | 3 | 0.75 | 0.002 | 0.14 | <0.1 | 0.08 | 5.0 | 0.5 | <0.05 | 2 | 1.6 | <0.2 |
| 1219066 | Soil | 22 | 0.91 | 251 | 0.006 | 3 | 1.41 | 0.002 | 0.17 | <0.1 | 0.03 | 3.6 | 0.3 | <0.05 | 4 | 0.9 | <0.2 |
| 1219067 | Soil | 22 | 0.62 | 288 | 0.020 | 3 | 1.05 | 0.007 | 0.11 | <0.1 | 0.06 | 3.5 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219068 | Soil | 20 | 0.13 | 221 | 0.004 | 3 | 0.61 | 0.003 | 0.13 | <0.1 | 0.11 | 3.8 | 0.3 | <0.05 | 2 | 1.0 | <0.2 |
| 1219069 | Soil | 26 | 0.44 | 136 | 0.029 | 1 | 1.57 | 0.005 | 0.05 | 0.2 | 0.04 | 2.2 | 0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 1219070 | Soil | 24 | 0.84 | 268 | 0.015 | 3 | 1.22 | 0.007 | 0.13 | <0.1 | 0.11 | 4.4 | 0.1 | <0.05 | 3 | 1.5 | <0.2 |
| 1219071 | Soil | 29 | 1.82 | 331 | 0.019 | 2 | 1.94 | 0.003 | 0.19 | <0.1 | 0.02 | 4.1 | 0.5 | <0.05 | 6 | <0.5 | <0.2 |
| 1219072 | Soil | 24 | 0.49 | 199 | 0.019 | 2 | 1.38 | 0.005 | 0.05 | 0.1 | 0.05 | 2.0 | 0.1 | <0.05 | 4 | 1.7 | <0.2 |
| 1219073 | Soil | 24 | 0.87 | 151 | 0.018 | 3 | 1.35 | 0.004 | 0.08 | <0.1 | 0.06 | 2.1 | 0.1 | <0.05 | 4 | 1.6 | <0.2 |
| 1219074 | Soil | 27 | 0.96 | 425 | 0.018 | 3 | 1.70 | 0.006 | 0.08 | 0.1 | 0.08 | 3.4 | 0.2 | <0.05 | 5 | 0.9 | <0.2 |
| 1219075 | Soil | 25 | 0.39 | 612 | 0.003 | 3 | 1.10 | 0.008 | 0.09 | <0.1 | 0.06 | 0.2 | 0.1 | 0.11 | 4 | <0.5 | <0.2 |
| 1219076 | Soil | 28 | 0.74 | 472 | 0.012 | 2 | 1.58 | 0.005 | 0.06 | 0.1 | 0.08 | 2.1 | 0.2 | <0.05 | 4 | 0.7 | <0.2 |
| 1219077 | Soil | 27 | 0.44 | 362 | 0.006 | 2 | 1.03 | 0.005 | 0.09 | 0.1 | 0.10 | 1.2 | 0.2 | <0.05 | 4 | 3.2 | <0.2 |
| 1219078 | Soil | 17 | 0.32 | 379 | 0.007 | 3 | 0.60 | 0.005 | 0.08 | <0.1 | 0.32 | 3.0 | 0.2 | <0.05 | 2 | 2.8 | <0.2 |
| 1219079 | Soil | 14 | 0.29 | 527 | 0.006 | 4 | 0.61 | 0.006 | 0.05 | <0.1 | 0.28 | 1.9 | 0.1 | 0.08 | 2 | 1.4 | <0.2 |
| 1219080 | Soil | 16 | 0.27 | 448 | 0.008 | 4 | 0.61 | 0.005 | 0.06 | 0.1 | 0.26 | 2.8 | 0.1 | 0.06 | 2 | 1.6 | <0.2 |
| 1219081 | Soil | 18 | 0.30 | 407 | 0.010 | 3 | 0.68 | 0.005 | 0.06 | 0.2 | 0.23 | 2.6 | 0.1 | <0.05 | 2 | 0.7 | <0.2 |
| 1219082 | Soil | 25 | 0.37 | 593 | 0.006 | 4 | 0.81 | 0.005 | 0.06 | 0.1 | 0.19 | 3.0 | 0.2 | <0.05 | 3 | 1.6 | <0.2 |
| 1219083 | Soil | 30 | 0.51 | 441 | 0.007 | 2 | 1.08 | 0.005 | 0.04 | 0.1 | 0.09 | 2.3 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1219084 | Soil | 27 | 0.29 | 633 | 0.004 | 2 | 0.78 | 0.003 | 0.11 | <0.1 | 0.16 | 3.9 | 0.2 | <0.05 | 2 | 9.9 | <0.2 |
| 1219085 | Soil | 40 | 0.66 | 520 | 0.006 | 3 | 1.23 | 0.004 | 0.05 | 0.1 | 0.09 | 2.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219086 | Soil | 33 | 0.52 | 545 | 0.006 | 2 | 1.17 | 0.005 | 0.04 | 0.1 | 0.13 | 2.7 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 1219087 | Soil | 21 | 0.48 | 397 | 0.007 | 2 | 0.88 | 0.005 | 0.05 | 0.2 | 0.06 | 2.2 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 1219088 | Soil | 21 | 0.83 | 635 | 0.006 | 2 | 1.19 | 0.005 | 0.09 | <0.1 | 0.11 | 2.5 | 0.1 | 0.06 | 3 | 1.5 | <0.2 |
| 1219089 | Soil | 82 | 0.88 | 959 | 0.053 | 2 | 1.29 | 0.010 | 0.05 | 0.1 | 0.07 | 4.2 | 0.1 | 0.10 | 6 | 0.8 | <0.2 |
| 1219090 | Soil | 82 | 0.83 | 470 | 0.033 | 2 | 1.47 | 0.006 | 0.04 | 0.1 | 0.03 | 5.8 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1219091 | Soil | 58 | 0.96 | 431 | 0.051 | 2 | 1.28 | 0.009 | 0.06 | 0.2 | 0.02 | 4.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219092 | Soil | 60 | 0.86 | 480 | 0.035 | 2 | 1.36 | 0.008 | 0.04 | 0.2 | 0.04 | 4.4 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1219093 | Soil | 77 | 1.30 | 694 | 0.068 | 2 | 1.61 | 0.009 | 0.07 | 0.2 | 0.03 | 5.7 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 1219094 | Soil | 89 | 1.06 | 410 | 0.036 | 2 | 1.46 | 0.006 | 0.04 | 0.2 | 0.03 | 6.8 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |

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Project: Arizona
Report Date: August 25, 2011

Page: 4 of 11 Part 1

CERTIFICATE OF ANALYSIS

WHI11000908.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1219095 | Soil | 0.8 | 62.8 | 10.4 | 90 | 0.1 | 89.2 | 28.8 | 1123 | 5.22 | 8.9 | 6.7 | 3.4 | 37 | 0.2 | 2.9 | 0.1 | 154 | 0.76 | 0.099 | 27 |
| 1219096 | Soil | 0.6 | 27.9 | 9.2 | 56 | 0.1 | 29.6 | 13.1 | 635 | 2.32 | 6.0 | 2.8 | 1.5 | 52 | 0.1 | 1.0 | 0.1 | 63 | 1.07 | 0.073 | 12 |
| 1219097 | Soil | 0.9 | 19.0 | 10.7 | 44 | <0.1 | 20.1 | 8.5 | 267 | 2.24 | 7.6 | 1.6 | 0.9 | 27 | <0.1 | 1.2 | 0.2 | 57 | 0.38 | 0.065 | 12 |
| 1219098 | Soil | 1.0 | 29.7 | 12.6 | 71 | <0.1 | 33.5 | 14.1 | 563 | 2.80 | 9.2 | 3.5 | 2.6 | 22 | 0.3 | 1.2 | 0.2 | 56 | 0.27 | 0.090 | 18 |
| 1219099 | Soil | 0.9 | 31.1 | 11.5 | 72 | 0.1 | 33.2 | 12.6 | 471 | 2.67 | 8.1 | 3.3 | 3.5 | 21 | 0.2 | 1.1 | 0.2 | 57 | 0.26 | 0.075 | 20 |
| 1219100 | Soil | 1.1 | 38.4 | 13.0 | 64 | <0.1 | 26.1 | 13.0 | 538 | 2.54 | 12.8 | 3.6 | 3.2 | 21 | 0.2 | 2.1 | 0.2 | 33 | 0.23 | 0.078 | 16 |
| 1219101 | Soil | 1.7 | 32.3 | 16.6 | 73 | 0.3 | 26.4 | 12.6 | 575 | 2.64 | 9.8 | 4.5 | 0.8 | 17 | 0.3 | 2.4 | 0.2 | 46 | 0.15 | 0.081 | 15 |
| 1219102 | Soil | 1.4 | 30.4 | 11.1 | 80 | 0.1 | 34.6 | 12.8 | 508 | 2.90 | 9.9 | 7.6 | 3.2 | 28 | 0.4 | 1.7 | 0.1 | 55 | 0.35 | 0.096 | 16 |
| 1219103 | Soil | 1.6 | 29.6 | 12.0 | 87 | 0.3 | 23.5 | 10.5 | 1208 | 2.20 | 7.2 | 4.0 | 2.3 | 50 | 0.5 | 1.8 | 0.2 | 38 | 0.68 | 0.090 | 16 |
| 1219104 | Soil | 1.8 | 24.6 | 11.0 | 72 | 0.2 | 18.8 | 9.2 | 486 | 2.10 | 7.8 | 2.7 | 2.1 | 32 | 0.2 | 1.2 | 0.2 | 35 | 0.41 | 0.091 | 14 |
| 1219105 | Soil | 0.8 | 14.5 | 9.1 | 50 | <0.1 | 15.3 | 6.8 | 167 | 1.79 | 7.7 | 1.7 | 1.4 | 16 | 0.1 | 0.5 | 0.1 | 30 | 0.21 | 0.073 | 12 |
| 1219106 | Soil | 0.7 | 20.2 | 7.5 | 55 | <0.1 | 18.8 | 8.0 | 339 | 1.92 | 10.2 | 6.6 | 3.8 | 15 | 0.2 | 0.7 | 0.1 | 28 | 0.19 | 0.073 | 14 |
| 1219107 | Soil | 1.3 | 26.7 | 9.4 | 72 | 0.1 | 23.2 | 9.1 | 341 | 2.21 | 10.3 | 2.6 | 2.7 | 21 | 0.3 | 1.0 | 0.2 | 41 | 0.24 | 0.075 | 14 |
| 1219108 | Soil | 1.6 | 15.5 | 14.1 | 54 | <0.1 | 14.7 | 7.2 | 291 | 3.21 | 12.2 | 2.2 | 2.2 | 8 | 0.2 | 0.8 | 0.2 | 52 | 0.06 | 0.048 | 9 |
| 1219109 | Soil | 1.5 | 9.8 | 12.9 | 37 | <0.1 | 9.4 | 4.6 | 242 | 2.75 | 11.5 | 2.2 | 1.4 | 8 | <0.1 | 0.8 | 0.3 | 62 | 0.06 | 0.040 | 10 |
| 1219110 | Soil | 1.2 | 19.8 | 11.3 | 53 | <0.1 | 17.7 | 9.0 | 313 | 2.51 | 12.1 | 2.8 | 2.0 | 13 | <0.1 | 0.7 | 0.2 | 44 | 0.12 | 0.064 | 12 |
| 1219111 | Soil | 1.3 | 21.2 | 17.8 | 88 | 0.2 | 26.7 | 19.1 | 1571 | 2.27 | 8.4 | 3.3 | 0.6 | 49 | 1.0 | 0.9 | 0.2 | 35 | 0.62 | 0.085 | 17 |
| 1219112 | Soil | 0.9 | 19.3 | 11.6 | 60 | <0.1 | 18.7 | 7.5 | 287 | 2.06 | 8.6 | 2.8 | 0.8 | 22 | 0.2 | 0.9 | 0.2 | 39 | 0.31 | 0.069 | 11 |
| 1219113 | Soil | 1.5 | 20.2 | 7.9 | 58 | <0.1 | 18.1 | 7.5 | 265 | 2.25 | 7.9 | 3.0 | 0.4 | 14 | <0.1 | 0.7 | 0.2 | 67 | 0.14 | 0.089 | 13 |
| 1219114 | Soil | 1.7 | 27.7 | 11.7 | 62 | <0.1 | 18.8 | 8.1 | 492 | 2.60 | 14.0 | 2.8 | 0.6 | 17 | 0.2 | 2.2 | 0.2 | 44 | 0.17 | 0.134 | 13 |
| 1219115 | Soil | 1.6 | 32.2 | 86.2 | 102 | <0.1 | 19.0 | 9.8 | 503 | 2.97 | 9.2 | 1.6 | 0.4 | 9 | 0.2 | 1.7 | 0.2 | 43 | 0.07 | 0.067 | 11 |
| 1219116 | Soil | 1.5 | 33.5 | 52.6 | 64 | 0.4 | 22.8 | 9.8 | 753 | 2.40 | 8.4 | 5.1 | 1.7 | 43 | 0.2 | 1.3 | 0.2 | 35 | 0.52 | 0.115 | 17 |
| 1219117 | Soil | 1.4 | 10.9 | 34.4 | 46 | <0.1 | 9.4 | 4.5 | 283 | 2.34 | 11.1 | 1.3 | 2.5 | 7 | 0.1 | 0.7 | 0.3 | 61 | 0.05 | 0.050 | 10 |
| 1219118 | Soil | 1.0 | 7.0 | 13.0 | 37 | <0.1 | 9.8 | 3.8 | 174 | 2.53 | 8.6 | 1.3 | 0.5 | 9 | <0.1 | 0.5 | 0.2 | 48 | 0.07 | 0.039 | 10 |
| 1219119 | Soil | 0.7 | 13.8 | 14.3 | 44 | <0.1 | 15.0 | 7.1 | 258 | 2.25 | 10.6 | 1.6 | 0.9 | 10 | <0.1 | 0.6 | 0.2 | 37 | 0.10 | 0.055 | 11 |
| 1219120 | Soil | 1.3 | 14.0 | 13.6 | 47 | <0.1 | 14.3 | 6.4 | 194 | 2.46 | 8.7 | 5.8 | 0.6 | 10 | 0.1 | 0.6 | 0.2 | 43 | 0.08 | 0.055 | 11 |
| 1219251 | Soil | 1.0 | 40.5 | 21.0 | 68 | 0.2 | 31.4 | 15.1 | 702 | 3.27 | 10.5 | 4.7 | 3.1 | 29 | 0.1 | 0.6 | 0.2 | 71 | 0.32 | 0.071 | 15 |
| 1219252 | Soil | 1.1 | 26.8 | 11.2 | 59 | <0.1 | 20.9 | 10.0 | 295 | 2.65 | 9.9 | 2.2 | 1.8 | 16 | 0.2 | 0.6 | 0.2 | 57 | 0.18 | 0.062 | 12 |
| 1219253 | Soil | 0.9 | 21.2 | 10.4 | 56 | <0.1 | 18.5 | 8.3 | 268 | 2.15 | 7.4 | 9.3 | 0.8 | 15 | 0.2 | 0.5 | 0.1 | 42 | 0.18 | 0.065 | 14 |
| 1219254 | Soil | 1.2 | 23.1 | 11.9 | 60 | <0.1 | 20.5 | 8.1 | 253 | 2.37 | 8.2 | 2.3 | 1.5 | 14 | 0.2 | 0.7 | 0.2 | 49 | 0.16 | 0.055 | 13 |

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Project: Arizona
Report Date: August 25, 2011

Page: 4 of 11 Part 2

CERTIFICATE OF ANALYSIS

WHI11000908.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1219095 | Soil | 163 | 0.89 | 396 | 0.030 | 3 | 1.16 | 0.007 | 0.04 | 0.2 | 0.05 | 18.3 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1219096 | Soil | 44 | 0.63 | 449 | 0.030 | 2 | 1.09 | 0.007 | 0.03 | 0.2 | 0.06 | 3.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219097 | Soil | 40 | 0.48 | 311 | 0.018 | 1 | 1.19 | 0.006 | 0.03 | 0.2 | 0.03 | 2.1 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1219098 | Soil | 50 | 0.62 | 270 | 0.040 | 1 | 1.28 | 0.006 | 0.05 | 0.1 | 0.03 | 2.9 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219099 | Soil | 50 | 0.67 | 286 | 0.053 | 2 | 1.28 | 0.006 | 0.05 | 0.1 | 0.04 | 3.6 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219100 | Soil | 23 | 0.38 | 166 | 0.026 | 2 | 1.06 | 0.006 | 0.04 | 0.1 | 0.05 | 2.3 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219101 | Soil | 40 | 0.44 | 231 | 0.017 | 2 | 1.20 | 0.005 | 0.05 | <0.1 | 0.09 | 1.7 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| 1219102 | Soil | 44 | 0.65 | 217 | 0.037 | 2 | 1.19 | 0.007 | 0.06 | 0.2 | 0.03 | 3.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219103 | Soil | 21 | 0.36 | 474 | 0.006 | 2 | 1.13 | 0.006 | 0.06 | <0.1 | 0.10 | 3.1 | 0.2 | <0.05 | 3 | <0.5 | <0.2 |
| 1219104 | Soil | 22 | 0.38 | 349 | 0.009 | 2 | 1.09 | 0.006 | 0.06 | 0.1 | 0.08 | 2.7 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219105 | Soil | 19 | 0.36 | 173 | 0.015 | <1 | 1.06 | 0.004 | 0.04 | 0.1 | 0.03 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219106 | Soil | 17 | 0.35 | 178 | 0.029 | 1 | 0.91 | 0.004 | 0.03 | 0.1 | 0.02 | 2.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219107 | Soil | 23 | 0.45 | 296 | 0.042 | 1 | 1.08 | 0.009 | 0.04 | 0.2 | 0.03 | 2.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219108 | Soil | 27 | 0.36 | 107 | 0.028 | 1 | 1.63 | 0.005 | 0.04 | 0.2 | 0.07 | 1.9 | 0.1 | <0.05 | 5 | 0.7 | <0.2 |
| 1219109 | Soil | 23 | 0.25 | 71 | 0.030 | 1 | 1.43 | 0.005 | 0.03 | 0.2 | 0.03 | 1.6 | 0.1 | <0.05 | 7 | 0.6 | <0.2 |
| 1219110 | Soil | 24 | 0.40 | 192 | 0.030 | 1 | 1.41 | 0.006 | 0.04 | 0.3 | 0.05 | 2.4 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219111 | Soil | 23 | 0.41 | 232 | 0.021 | 1 | 1.78 | 0.011 | 0.04 | 0.2 | 0.05 | 1.6 | 0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1219112 | Soil | 23 | 0.43 | 183 | 0.032 | 1 | 1.09 | 0.008 | 0.05 | 0.2 | 0.03 | 1.6 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219113 | Soil | 33 | 0.44 | 156 | 0.017 | <1 | 1.37 | 0.006 | 0.04 | 0.2 | 0.04 | 1.3 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1219114 | Soil | 23 | 0.29 | 123 | 0.012 | 1 | 1.26 | 0.004 | 0.05 | 0.2 | 0.07 | 1.1 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| 1219115 | Soil | 27 | 0.31 | 102 | 0.014 | 1 | 1.02 | 0.004 | 0.05 | 0.1 | 0.04 | 1.3 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219116 | Soil | 29 | 0.41 | 291 | 0.019 | 2 | 1.15 | 0.007 | 0.04 | 0.2 | 0.12 | 3.1 | 0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1219117 | Soil | 20 | 0.22 | 68 | 0.033 | <1 | 1.16 | 0.004 | 0.03 | 0.2 | 0.02 | 1.6 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1219118 | Soil | 24 | 0.30 | 93 | 0.026 | <1 | 1.22 | 0.005 | 0.04 | 0.1 | 0.02 | 1.2 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 1219119 | Soil | 22 | 0.35 | 119 | 0.020 | 1 | 1.26 | 0.005 | 0.04 | 0.1 | 0.04 | 1.6 | 0.1 | <0.05 | 4 | 0.7 | <0.2 |
| 1219120 | Soil | 22 | 0.39 | 133 | 0.016 | 1 | 1.43 | 0.005 | 0.04 | 0.2 | 0.03 | 1.3 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219251 | Soil | 32 | 0.66 | 531 | 0.083 | 2 | 1.96 | 0.009 | 0.04 | 0.1 | 0.04 | 4.2 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1219252 | Soil | 29 | 0.53 | 249 | 0.052 | 2 | 1.81 | 0.007 | 0.04 | 0.2 | 0.03 | 2.5 | <0.1 | <0.05 | 5 | 0.5 | <0.2 |
| 1219253 | Soil | 23 | 0.44 | 212 | 0.035 | 1 | 1.26 | 0.006 | 0.04 | 0.1 | 0.03 | 1.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219254 | Soil | 24 | 0.39 | 197 | 0.047 | 1 | 1.45 | 0.006 | 0.04 | 0.1 | 0.04 | 2.4 | 0.1 | <0.05 | 5 | 0.6 | <0.2 |



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Project: Arizona
Report Date: August 25, 2011

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CERTIFICATE OF ANALYSIS

WHI11000908.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | MDL | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1219255 | Soil | 0.8 | 22.2 | 9.6 | 59 | <0.1 | 17.8 | 7.1 | 229 | 2.11 | 6.7 | 2.8 | 3.0 | 16 | 0.1 | 0.7 | 0.1 | 42 | 0.17 | 0.054 | 14 |
| 1219256 | Soil | 0.8 | 19.8 | 9.3 | 55 | <0.1 | 17.8 | 6.7 | 231 | 1.85 | 7.6 | 1.6 | 1.7 | 18 | 0.1 | 0.7 | 0.1 | 33 | 0.19 | 0.062 | 13 |
| 1219257 | Soil | 0.8 | 25.0 | 11.4 | 60 | <0.1 | 19.4 | 8.6 | 286 | 2.13 | 9.4 | 2.0 | 1.7 | 17 | 0.2 | 0.7 | 0.2 | 41 | 0.16 | 0.060 | 16 |
| 1219258 | Soil | 1.2 | 26.6 | 19.6 | 57 | <0.1 | 27.0 | 20.7 | 1600 | 3.06 | 11.4 | 1.7 | 3.3 | 16 | 0.3 | 0.7 | 0.2 | 45 | 0.09 | 0.056 | 16 |
| 1219259 | Soil | 0.8 | 17.2 | 11.7 | 47 | <0.1 | 14.0 | 7.6 | 293 | 1.85 | 6.4 | 2.2 | 2.5 | 13 | 0.2 | 0.6 | 0.2 | 35 | 0.13 | 0.048 | 17 |
| 1219260 | Soil | 0.9 | 15.6 | 13.1 | 52 | <0.1 | 20.2 | 7.9 | 292 | 2.58 | 9.1 | 1.6 | 1.7 | 22 | 0.1 | 0.4 | 0.2 | 52 | 0.25 | 0.061 | 14 |
| 1219261 | Soil | 1.0 | 12.5 | 11.0 | 39 | <0.1 | 11.5 | 4.6 | 139 | 1.96 | 7.5 | 1.2 | 0.6 | 10 | <0.1 | 0.4 | 0.2 | 42 | 0.10 | 0.046 | 11 |
| 1219262 | Soil | 1.0 | 21.2 | 10.3 | 48 | <0.1 | 15.9 | 7.6 | 376 | 2.05 | 6.4 | 2.1 | 1.0 | 16 | 0.2 | 0.6 | 0.1 | 36 | 0.17 | 0.063 | 18 |
| 1219263 | Soil | 0.9 | 21.6 | 11.2 | 52 | <0.1 | 16.3 | 6.6 | 269 | 1.97 | 7.6 | 2.1 | 1.2 | 15 | 0.2 | 0.6 | 0.2 | 39 | 0.13 | 0.057 | 15 |
| 1219264 | Soil | 0.7 | 28.9 | 9.7 | 59 | <0.1 | 22.2 | 8.3 | 376 | 1.96 | 10.9 | 2.2 | 4.7 | 21 | 0.3 | 0.8 | 0.2 | 32 | 0.24 | 0.081 | 12 |
| 1219265 | Soil | 0.8 | 18.7 | 8.7 | 51 | <0.1 | 14.5 | 6.3 | 218 | 2.00 | 10.4 | 1.3 | 1.6 | 15 | 0.1 | 0.6 | 0.1 | 34 | 0.16 | 0.069 | 10 |
| 1219266 | Soil | 0.5 | 15.8 | 8.1 | 42 | <0.1 | 11.9 | 4.7 | 121 | 1.71 | 7.6 | 2.1 | 1.1 | 12 | <0.1 | 0.5 | 0.1 | 31 | 0.14 | 0.060 | 12 |
| 1219267 | Soil | 1.1 | 19.7 | 9.9 | 55 | <0.1 | 17.4 | 12.1 | 529 | 2.77 | 7.6 | 0.8 | 3.0 | 16 | 0.1 | 0.6 | 0.1 | 49 | 0.16 | 0.065 | 16 |
| 1219268 | Soil | 0.7 | 22.4 | 9.4 | 54 | <0.1 | 23.1 | 8.5 | 286 | 2.05 | 10.2 | 1.2 | 3.2 | 17 | 0.2 | 0.8 | 0.1 | 33 | 0.19 | 0.076 | 12 |
| 1219269 | Soil | 1.0 | 23.5 | 11.4 | 70 | <0.1 | 20.8 | 10.4 | 544 | 2.44 | 9.5 | 6.3 | 1.9 | 15 | 0.4 | 0.7 | 0.1 | 40 | 0.16 | 0.069 | 15 |
| 1219270 | Soil | 0.7 | 21.7 | 9.9 | 53 | 0.1 | 18.1 | 8.3 | 318 | 2.00 | 9.5 | 6.3 | 2.9 | 18 | 0.2 | 0.6 | 0.1 | 35 | 0.20 | 0.074 | 15 |
| 1219271 | Soil | 1.1 | 21.2 | 9.6 | 53 | <0.1 | 16.3 | 6.6 | 261 | 1.82 | 6.7 | 2.5 | 1.2 | 16 | 0.2 | 0.6 | 0.2 | 32 | 0.16 | 0.067 | 15 |
| 1219272 | Soil | 0.9 | 15.7 | 9.2 | 52 | <0.1 | 14.1 | 6.4 | 233 | 1.99 | 8.8 | 11.3 | 0.8 | 12 | 0.2 | 0.5 | 0.2 | 37 | 0.10 | 0.055 | 12 |
| 1219273 | Soil | 0.9 | 18.3 | 10.4 | 53 | <0.1 | 14.5 | 6.8 | 254 | 1.97 | 7.6 | 9.8 | 1.0 | 14 | 0.2 | 0.6 | 0.1 | 35 | 0.14 | 0.062 | 14 |
| 1219274 | Soil | 0.9 | 27.2 | 11.3 | 64 | 0.1 | 22.8 | 9.3 | 383 | 2.25 | 11.5 | 5.7 | 3.3 | 23 | 0.3 | 0.8 | 0.2 | 36 | 0.24 | 0.075 | 13 |
| 1219275 | Soil | 0.6 | 16.9 | 8.1 | 51 | <0.1 | 14.1 | 7.0 | 277 | 1.74 | 7.2 | 5.5 | 2.9 | 18 | 0.2 | 0.6 | 0.1 | 30 | 0.19 | 0.059 | 13 |
| 1219276 | Soil | 1.0 | 20.7 | 10.6 | 57 | <0.1 | 18.9 | 9.0 | 348 | 2.06 | 8.0 | 2.3 | 2.4 | 20 | 0.3 | 0.7 | 0.2 | 33 | 0.21 | 0.071 | 13 |
| 1219277 | Soil | 0.7 | 16.3 | 10.0 | 46 | <0.1 | 12.8 | 5.2 | 194 | 1.75 | 7.9 | 12.3 | 0.4 | 11 | 0.2 | 0.6 | 0.2 | 34 | 0.12 | 0.060 | 11 |
| 1219278 | Soil | 0.7 | 15.8 | 8.4 | 44 | <0.1 | 12.2 | 5.4 | 198 | 1.80 | 7.4 | 4.8 | 0.8 | 17 | 0.2 | 0.5 | 0.1 | 30 | 0.14 | 0.062 | 12 |
| 1219279 | Soil | 0.5 | 17.8 | 17.6 | 60 | <0.1 | 22.6 | 10.0 | 480 | 2.57 | 5.9 | 1.6 | 4.9 | 86 | 0.1 | 0.4 | 0.2 | 26 | 2.22 | 0.089 | 19 |
| 1219280 | Soil | 0.4 | 19.8 | 15.2 | 79 | 0.2 | 24.7 | 11.4 | 995 | 2.75 | 5.8 | 2.2 | 2.7 | 44 | 0.6 | 0.8 | 0.2 | 27 | 0.79 | 0.109 | 18 |
| 1219281 | Soil | 0.7 | 19.1 | 19.6 | 62 | <0.1 | 25.0 | 11.9 | 522 | 2.68 | 6.7 | 3.6 | 4.6 | 23 | 0.1 | 0.5 | 0.2 | 27 | 0.29 | 0.089 | 21 |
| 1219282 | Soil | 0.9 | 25.4 | 17.0 | 65 | 0.1 | 24.9 | 9.2 | 335 | 2.50 | 7.8 | 14.4 | 4.6 | 27 | 0.3 | 0.7 | 0.2 | 31 | 0.33 | 0.077 | 18 |
| 1219283 | Soil | 0.8 | 23.5 | 16.4 | 62 | <0.1 | 25.8 | 10.6 | 438 | 2.49 | 9.4 | 3.0 | 5.8 | 25 | 0.3 | 0.7 | 0.2 | 32 | 0.33 | 0.075 | 19 |
| 1219284 | Soil | 0.9 | 17.3 | 12.1 | 55 | <0.1 | 20.0 | 8.1 | 293 | 2.21 | 6.9 | 1.3 | 2.9 | 19 | 0.1 | 0.5 | 0.1 | 32 | 0.26 | 0.073 | 17 |



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Report Date: August 25, 2011

Page: 5 of 11 Part 2

CERTIFICATE OF ANALYSIS

WHI11000908.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1219255 | Soil | 22 | 0.41 | 220 | 0.054 | <1 | 1.15 | 0.007 | 0.03 | 0.1 | 0.03 | 2.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219256 | Soil | 19 | 0.36 | 240 | 0.031 | 1 | 0.98 | 0.006 | 0.03 | 0.2 | 0.03 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219257 | Soil | 23 | 0.40 | 290 | 0.034 | 1 | 1.23 | 0.006 | 0.04 | 0.1 | 0.04 | 2.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219258 | Soil | 26 | 0.41 | 209 | 0.023 | 1 | 1.79 | 0.005 | 0.06 | 0.1 | 0.06 | 3.3 | 0.1 | <0.05 | 5 | 0.6 | <0.2 |
| 1219259 | Soil | 18 | 0.32 | 164 | 0.031 | 1 | 0.95 | 0.005 | 0.04 | 0.1 | 0.03 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219260 | Soil | 28 | 0.42 | 381 | 0.019 | 1 | 1.64 | 0.006 | 0.04 | 0.1 | 0.04 | 2.6 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1219261 | Soil | 22 | 0.33 | 126 | 0.018 | <1 | 1.20 | 0.005 | 0.03 | 0.1 | 0.03 | 1.2 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219262 | Soil | 21 | 0.37 | 203 | 0.030 | 1 | 1.09 | 0.012 | 0.04 | 0.1 | 0.03 | 1.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219263 | Soil | 22 | 0.38 | 186 | 0.031 | <1 | 1.36 | 0.006 | 0.04 | 0.1 | 0.03 | 2.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219264 | Soil | 18 | 0.36 | 281 | 0.039 | <1 | 0.80 | 0.007 | 0.05 | 0.1 | 0.03 | 2.9 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219265 | Soil | 19 | 0.36 | 149 | 0.027 | 1 | 1.01 | 0.006 | 0.03 | 0.1 | 0.03 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219266 | Soil | 18 | 0.32 | 112 | 0.025 | 1 | 1.08 | 0.004 | 0.03 | 0.2 | 0.04 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219267 | Soil | 27 | 0.51 | 238 | 0.030 | 1 | 1.49 | 0.005 | 0.04 | 0.1 | 0.02 | 3.6 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1219268 | Soil | 19 | 0.38 | 164 | 0.031 | 2 | 1.04 | 0.005 | 0.05 | 0.2 | 0.03 | 2.5 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1219269 | Soil | 23 | 0.40 | 224 | 0.030 | 3 | 1.29 | 0.005 | 0.04 | 0.2 | 0.04 | 2.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219270 | Soil | 20 | 0.39 | 331 | 0.033 | <1 | 1.05 | 0.006 | 0.04 | 0.2 | 0.03 | 2.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219271 | Soil | 18 | 0.32 | 168 | 0.022 | <1 | 1.00 | 0.005 | 0.04 | 0.1 | 0.07 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219272 | Soil | 21 | 0.35 | 161 | 0.020 | 1 | 1.19 | 0.005 | 0.04 | 0.1 | 0.04 | 1.5 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1219273 | Soil | 21 | 0.38 | 152 | 0.024 | <1 | 1.15 | 0.005 | 0.03 | 0.1 | 0.04 | 1.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219274 | Soil | 20 | 0.39 | 326 | 0.040 | <1 | 1.02 | 0.007 | 0.04 | 0.2 | 0.04 | 3.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219275 | Soil | 18 | 0.37 | 237 | 0.036 | 1 | 0.93 | 0.007 | 0.03 | 0.1 | 0.03 | 2.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219276 | Soil | 19 | 0.37 | 219 | 0.036 | <1 | 0.95 | 0.006 | 0.04 | 0.2 | 0.03 | 2.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219277 | Soil | 20 | 0.30 | 132 | 0.020 | <1 | 0.99 | 0.004 | 0.03 | 0.2 | 0.05 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219278 | Soil | 17 | 0.29 | 106 | 0.025 | <1 | 0.95 | 0.004 | 0.03 | 0.1 | 0.03 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219279 | Soil | 21 | 0.50 | 264 | 0.012 | 1 | 1.23 | 0.007 | 0.04 | 0.1 | 0.04 | 3.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219280 | Soil | 24 | 0.69 | 356 | 0.009 | 1 | 1.58 | 0.008 | 0.04 | 0.1 | 0.06 | 2.8 | <0.1 | 0.06 | 4 | <0.5 | <0.2 |
| 1219281 | Soil | 26 | 0.72 | 302 | 0.010 | 1 | 1.56 | 0.006 | 0.04 | 0.1 | 0.03 | 3.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219282 | Soil | 23 | 0.61 | 276 | 0.023 | <1 | 1.24 | 0.009 | 0.05 | 0.1 | 0.04 | 2.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219283 | Soil | 25 | 0.62 | 296 | 0.030 | 1 | 1.34 | 0.011 | 0.06 | 0.1 | 0.04 | 3.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219284 | Soil | 22 | 0.44 | 225 | 0.024 | <1 | 1.10 | 0.007 | 0.04 | 0.2 | 0.03 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

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



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Project: Arizona
 Report Date: August 25, 2011

Page: 6 of 11 Part 1

CERTIFICATE OF ANALYSIS

WHI11000908.1

| | Method Analyte Unit MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1219285 | Soil | 1.4 | 28.5 | 19.6 | 69 | 0.2 | 27.0 | 10.3 | 438 | 2.81 | 11.1 | 6.5 | 3.1 | 33 | 0.2 | 0.9 | 0.2 | 37 | 0.61 | 0.066 | 17 |
| 1219286 | Soil | 1.2 | 27.5 | 15.8 | 69 | 0.2 | 26.2 | 10.2 | 460 | 2.83 | 11.3 | 4.1 | 2.9 | 23 | 0.2 | 0.8 | 0.2 | 40 | 0.28 | 0.067 | 17 |
| 1219287 | Soil | 1.0 | 27.3 | 42.2 | 85 | <0.1 | 23.6 | 10.8 | 362 | 2.73 | 13.2 | 2.9 | 3.4 | 17 | 0.3 | 1.4 | 0.2 | 39 | 0.18 | 0.071 | 13 |
| 1219288 | Soil | 0.8 | 27.6 | 21.3 | 81 | <0.1 | 22.0 | 10.6 | 502 | 2.39 | 10.7 | 6.4 | 1.7 | 13 | 0.3 | 1.0 | 0.2 | 34 | 0.13 | 0.074 | 11 |
| 1219289 | Soil | 1.0 | 20.4 | 16.0 | 57 | <0.1 | 16.8 | 8.1 | 358 | 2.39 | 10.4 | 2.6 | 0.5 | 16 | 0.2 | 1.0 | 0.2 | 36 | 0.17 | 0.085 | 12 |
| 1219290 | Soil | 0.7 | 18.0 | 11.5 | 50 | <0.1 | 15.2 | 5.3 | 152 | 2.04 | 7.9 | 2.7 | 0.5 | 13 | 0.1 | 0.7 | 0.2 | 37 | 0.14 | 0.075 | 12 |
| 1219291 | Soil | 0.6 | 15.9 | 16.1 | 84 | 0.1 | 20.0 | 9.9 | 182 | 2.28 | 3.9 | 1.6 | 2.7 | 44 | 0.2 | 0.4 | 0.1 | 26 | 0.63 | 0.084 | 16 |
| 1219292 | Soil | 1.4 | 37.4 | 14.4 | 75 | 0.3 | 26.1 | 11.0 | 325 | 2.57 | 7.0 | 6.0 | 2.0 | 74 | 0.5 | 1.1 | 0.2 | 30 | 1.40 | 0.087 | 15 |
| 1219293 | Soil | 1.2 | 35.0 | 20.2 | 66 | 0.1 | 24.8 | 11.3 | 475 | 2.91 | 10.3 | 3.8 | 2.7 | 18 | 0.2 | 1.2 | 0.2 | 38 | 0.25 | 0.059 | 13 |
| 1219294 | Soil | 1.3 | 14.0 | 20.8 | 53 | <0.1 | 20.2 | 11.5 | 540 | 3.43 | 12.1 | 2.4 | 3.2 | 13 | 0.3 | 0.8 | 0.2 | 50 | 0.14 | 0.061 | 11 |
| 1219295 | Soil | 0.9 | 12.4 | 12.2 | 40 | <0.1 | 15.6 | 6.4 | 162 | 2.26 | 8.4 | 1.9 | 1.0 | 20 | 0.1 | 0.4 | 0.2 | 44 | 0.21 | 0.052 | 12 |
| 1219296 | Soil | 1.2 | 27.8 | 14.1 | 64 | 0.3 | 25.4 | 9.6 | 376 | 2.65 | 9.6 | 4.1 | 2.3 | 39 | 0.2 | 0.6 | 0.2 | 37 | 0.65 | 0.083 | 18 |
| 1219297 | Soil | 2.1 | 45.6 | 22.9 | 99 | <0.1 | 32.2 | 15.8 | 429 | 3.35 | 7.9 | 3.4 | 8.4 | 23 | 0.3 | 1.1 | 0.2 | 26 | 0.29 | 0.110 | 31 |
| 1219298 | Soil | 0.6 | 15.3 | 13.4 | 53 | <0.1 | 18.7 | 9.6 | 268 | 2.34 | 6.3 | 1.9 | 0.9 | 29 | 0.1 | 0.4 | 0.2 | 31 | 0.39 | 0.075 | 17 |
| 1219299 | Soil | 0.5 | 14.5 | 12.1 | 46 | <0.1 | 17.3 | 7.5 | 215 | 1.99 | 6.5 | 2.9 | 1.9 | 25 | <0.1 | 0.4 | 0.1 | 30 | 0.35 | 0.063 | 18 |
| 1219300 | Soil | 0.5 | 16.7 | 14.7 | 59 | <0.1 | 23.1 | 11.3 | 299 | 2.78 | 3.5 | 1.4 | 5.8 | 107 | <0.1 | 0.2 | 0.1 | 21 | 3.52 | 0.098 | 20 |
| 1219301 | Soil | 0.4 | 16.5 | 17.1 | 63 | <0.1 | 21.9 | 10.4 | 283 | 2.37 | 3.3 | 1.6 | 4.8 | 71 | 0.2 | 0.3 | 0.2 | 19 | 1.63 | 0.102 | 19 |
| 1219302 | Soil | 0.5 | 10.6 | 18.0 | 59 | <0.1 | 21.5 | 9.0 | 467 | 2.27 | 3.6 | 1.6 | 5.3 | 45 | 0.1 | 0.2 | 0.2 | 24 | 0.70 | 0.097 | 19 |
| 1219303 | Soil | 0.3 | 16.2 | 15.2 | 65 | <0.1 | 22.8 | 10.9 | 442 | 2.62 | 3.4 | 1.1 | 5.5 | 73 | 0.1 | 0.2 | 0.2 | 21 | 1.76 | 0.097 | 20 |
| 1219304 | Soil | 0.4 | 17.6 | 12.5 | 54 | <0.1 | 20.6 | 9.1 | 357 | 2.26 | 3.1 | 1.3 | 3.3 | 70 | 0.2 | 0.3 | 0.2 | 21 | 1.30 | 0.082 | 16 |
| 1219305 | Soil | 0.3 | 20.1 | 14.8 | 65 | <0.1 | 22.1 | 9.8 | 232 | 2.32 | 3.1 | 2.6 | 4.5 | 56 | 0.1 | 0.3 | 0.1 | 24 | 0.92 | 0.080 | 19 |
| 1219306 | Soil | 0.4 | 19.6 | 15.7 | 64 | <0.1 | 23.3 | 9.5 | 333 | 2.59 | 3.5 | 2.7 | 4.5 | 52 | <0.1 | 0.3 | 0.2 | 22 | 0.85 | 0.083 | 21 |
| 1219307 | Soil | 0.3 | 15.8 | 12.2 | 59 | <0.1 | 19.2 | 9.7 | 270 | 2.14 | 3.5 | 1.8 | 3.4 | 65 | 0.1 | 0.3 | 0.1 | 22 | 1.07 | 0.087 | 15 |
| 1219308 | Soil | 0.2 | 10.8 | 11.6 | 53 | <0.1 | 17.0 | 7.8 | 211 | 2.09 | 2.6 | 1.7 | 3.5 | 49 | 0.1 | 0.2 | 0.1 | 20 | 0.80 | 0.074 | 15 |
| 1219309 | Soil | 0.3 | 18.0 | 12.1 | 64 | <0.1 | 18.7 | 8.2 | 272 | 2.08 | 2.9 | 3.5 | 2.4 | 77 | 0.1 | 0.3 | 0.3 | 18 | 1.44 | 0.094 | 15 |
| 1219310 | Soil | 0.5 | 10.1 | 13.2 | 56 | <0.1 | 16.6 | 8.8 | 746 | 2.24 | 4.8 | 2.4 | 2.7 | 49 | <0.1 | 0.2 | 0.2 | 20 | 0.92 | 0.082 | 16 |
| 1219311 | Soil | 0.5 | 11.5 | 11.7 | 49 | <0.1 | 15.1 | 17.4 | 841 | 2.41 | 5.6 | 21.0 | 2.3 | 51 | 0.1 | 0.3 | 0.2 | 23 | 0.91 | 0.096 | 16 |
| 1219312 | Soil | 1.2 | 13.7 | 12.5 | 62 | <0.1 | 17.4 | 17.0 | 2387 | 7.34 | 12.9 | 2.9 | 2.8 | 79 | 0.2 | 0.3 | 0.2 | 19 | 1.30 | 0.098 | 15 |
| 1219313 | Soil | 0.3 | 13.9 | 11.5 | 55 | <0.1 | 17.6 | 7.9 | 317 | 2.15 | 4.3 | 2.4 | 3.0 | 47 | 0.1 | 0.3 | 0.1 | 22 | 0.92 | 0.086 | 19 |
| 1219314 | Soil | 0.5 | 12.5 | 12.9 | 66 | <0.1 | 18.8 | 12.9 | 1731 | 2.79 | 11.4 | 3.6 | 3.2 | 49 | 0.2 | 0.3 | 0.2 | 25 | 0.84 | 0.091 | 17 |

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Project: Arizona
Report Date: August 25, 2011

Page: 6 of 11 Part 2

CERTIFICATE OF ANALYSIS

WHI11000908.1

| Method | Analyte | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | |
|---------|---------|-------|------|-------|-------|-------|------|-------|------|-------|------|-------|------|-------|-----|-------|------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | MDL | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1219285 | Soil | 25 | 0.53 | 296 | 0.021 | <1 | 1.39 | 0.013 | 0.05 | 0.1 | 0.06 | 3.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219286 | Soil | 27 | 0.48 | 396 | 0.015 | <1 | 1.49 | 0.008 | 0.05 | 0.2 | 0.06 | 3.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219287 | Soil | 24 | 0.39 | 264 | 0.023 | <1 | 1.25 | 0.006 | 0.05 | 0.2 | 0.05 | 3.1 | 0.2 | <0.05 | 3 | <0.5 | <0.2 |
| 1219288 | Soil | 22 | 0.33 | 100 | 0.022 | <1 | 1.04 | 0.005 | 0.04 | 0.2 | 0.02 | 1.8 | 0.2 | <0.05 | 3 | <0.5 | <0.2 |
| 1219289 | Soil | 21 | 0.30 | 136 | 0.017 | <1 | 0.93 | 0.005 | 0.04 | 0.2 | 0.04 | 1.3 | 0.2 | <0.05 | 3 | <0.5 | <0.2 |
| 1219290 | Soil | 23 | 0.37 | 110 | 0.022 | <1 | 1.18 | 0.006 | 0.03 | 0.2 | 0.05 | 1.3 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219291 | Soil | 23 | 0.54 | 272 | 0.009 | 1 | 1.24 | 0.007 | 0.04 | 0.1 | 0.05 | 2.7 | <0.1 | 0.06 | 3 | <0.5 | <0.2 |
| 1219292 | Soil | 19 | 0.44 | 254 | 0.012 | 2 | 1.02 | 0.008 | 0.06 | 0.1 | 0.12 | 3.8 | 0.1 | 0.06 | 3 | 0.6 | <0.2 |
| 1219293 | Soil | 22 | 0.40 | 222 | 0.017 | <1 | 1.12 | 0.007 | 0.05 | 0.2 | 0.04 | 3.1 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219294 | Soil | 29 | 0.39 | 148 | 0.028 | <1 | 1.59 | 0.007 | 0.04 | 0.2 | 0.04 | 2.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219295 | Soil | 23 | 0.32 | 281 | 0.016 | <1 | 1.54 | 0.007 | 0.04 | 0.2 | 0.05 | 2.0 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1219296 | Soil | 23 | 0.58 | 314 | 0.015 | <1 | 1.45 | 0.009 | 0.05 | 0.1 | 0.11 | 3.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219297 | Soil | 21 | 0.70 | 97 | 0.009 | <1 | 1.21 | 0.004 | 0.05 | <0.1 | 0.02 | 2.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219298 | Soil | 24 | 0.49 | 112 | 0.016 | <1 | 1.25 | 0.005 | 0.05 | 0.1 | 0.02 | 1.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219299 | Soil | 24 | 0.45 | 237 | 0.016 | <1 | 1.10 | 0.006 | 0.04 | 0.1 | 0.03 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219300 | Soil | 25 | 0.94 | 171 | 0.007 | 1 | 1.55 | 0.005 | 0.05 | <0.1 | 0.03 | 3.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219301 | Soil | 23 | 0.79 | 202 | 0.010 | 2 | 1.28 | 0.007 | 0.04 | <0.1 | 0.05 | 2.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219302 | Soil | 25 | 0.83 | 218 | 0.020 | 2 | 1.25 | 0.007 | 0.04 | <0.1 | 0.04 | 3.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219303 | Soil | 24 | 0.79 | 165 | 0.012 | <1 | 1.28 | 0.007 | 0.04 | <0.1 | 0.05 | 3.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219304 | Soil | 23 | 0.67 | 245 | 0.009 | 2 | 1.24 | 0.007 | 0.04 | <0.1 | 0.06 | 3.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219305 | Soil | 29 | 0.82 | 191 | 0.018 | 2 | 1.37 | 0.008 | 0.05 | 0.1 | 0.05 | 3.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219306 | Soil | 26 | 0.84 | 175 | 0.012 | 2 | 1.41 | 0.006 | 0.04 | 0.1 | 0.06 | 3.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219307 | Soil | 22 | 0.70 | 220 | 0.009 | <1 | 1.18 | 0.007 | 0.03 | 0.1 | 0.04 | 2.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219308 | Soil | 20 | 0.67 | 196 | 0.010 | 2 | 1.13 | 0.008 | 0.03 | <0.1 | 0.03 | 2.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219309 | Soil | 21 | 0.69 | 222 | 0.006 | 4 | 1.21 | 0.007 | 0.03 | 0.1 | 0.05 | 2.2 | <0.1 | 0.20 | 3 | 0.8 | <0.2 |
| 1219310 | Soil | 20 | 0.59 | 226 | 0.007 | 2 | 1.16 | 0.005 | 0.03 | <0.1 | 0.04 | 2.1 | <0.1 | 0.12 | 3 | 0.7 | <0.2 |
| 1219311 | Soil | 19 | 0.51 | 227 | 0.008 | 3 | 1.05 | 0.006 | 0.03 | 0.3 | 0.05 | 2.0 | <0.1 | 0.12 | 3 | 0.6 | <0.2 |
| 1219312 | Soil | 18 | 0.53 | 361 | 0.008 | 3 | 0.98 | 0.007 | 0.03 | 0.1 | 0.04 | 2.3 | <0.1 | 0.13 | 3 | 0.7 | <0.2 |
| 1219313 | Soil | 19 | 0.58 | 205 | 0.011 | 2 | 1.05 | 0.007 | 0.04 | 0.1 | 0.05 | 2.4 | <0.1 | 0.14 | 3 | 0.5 | <0.2 |
| 1219314 | Soil | 21 | 0.53 | 333 | 0.007 | 2 | 1.18 | 0.007 | 0.04 | <0.1 | 0.07 | 2.7 | <0.1 | 0.16 | 3 | 0.7 | <0.2 |

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Project: Arizona
Report Date: August 25, 2011

Page: 7 of 11 Part 1

CERTIFICATE OF ANALYSIS

WHI11000908.1

| Method | Analyte | Unit | MDL | 1DX15 Mo ppm | 1DX15 Cu ppm | 1DX15 Pb ppm | 1DX15 Zn ppm | 1DX15 Ag ppm | 1DX15 Ni ppm | 1DX15 Co ppm | 1DX15 Mn ppm | 1DX15 Fe % | 1DX15 As ppm | 1DX15 Au ppb | 1DX15 Th ppm | 1DX15 Sr ppm | 1DX15 Cd ppm | 1DX15 Sb ppm | 1DX15 Bi ppm | 1DX15 V ppm | 1DX15 Ca % | 1DX15 P % | 1DX15 La ppm |
|---------|---------|------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|------------|-----------|--------------|
| 1219315 | Soil | | | 0.2 | 13.4 | 11.2 | 53 | <0.1 | 14.8 | 5.1 | 147 | 1.76 | 2.9 | 4.9 | 3.4 | 47 | 0.2 | 0.2 | 0.1 | 23 | 0.83 | 0.082 | 17 |
| 1219316 | Soil | | | 0.4 | 15.2 | 13.5 | 66 | <0.1 | 18.1 | 8.7 | 283 | 2.25 | 6.3 | 1.2 | 3.5 | 42 | 0.1 | 0.4 | 0.2 | 28 | 0.82 | 0.084 | 17 |
| 1219317 | Soil | | | 0.7 | 14.4 | 12.5 | 62 | <0.1 | 18.7 | 9.8 | 380 | 3.49 | 14.8 | 2.2 | 3.1 | 44 | 0.2 | 0.4 | 0.1 | 28 | 0.83 | 0.099 | 14 |
| 1219318 | Soil | | | 0.3 | 20.0 | 12.3 | 68 | 0.1 | 21.3 | 8.0 | 395 | 2.24 | 5.4 | 3.0 | 2.3 | 52 | 0.3 | 0.4 | 0.2 | 28 | 1.02 | 0.106 | 14 |
| 1219319 | Soil | | | 0.7 | 19.3 | 9.2 | 47 | <0.1 | 15.9 | 5.3 | 187 | 1.83 | 8.6 | 2.2 | 1.7 | 17 | <0.1 | 0.6 | 0.1 | 30 | 0.19 | 0.063 | 14 |
| 1219320 | Soil | | | 0.8 | 26.2 | 9.5 | 56 | <0.1 | 18.4 | 6.4 | 278 | 2.13 | 11.3 | 1.7 | 3.5 | 20 | 0.3 | 0.9 | 0.2 | 32 | 0.22 | 0.074 | 15 |
| 1219321 | Soil | | | 0.7 | 31.0 | 8.9 | 61 | 0.1 | 25.1 | 8.5 | 445 | 2.12 | 13.1 | 1.6 | 4.7 | 22 | 0.3 | 0.9 | 0.2 | 30 | 0.27 | 0.081 | 14 |
| 1219322 | Soil | | | 0.9 | 22.0 | 10.2 | 55 | 0.1 | 17.2 | 6.6 | 239 | 1.99 | 6.2 | 2.8 | 3.5 | 22 | 0.2 | 0.7 | 0.2 | 34 | 0.22 | 0.058 | 17 |
| 1219323 | Soil | | | 2.1 | 23.3 | 13.2 | 57 | <0.1 | 16.4 | 7.9 | 292 | 2.16 | 7.7 | 3.5 | 5.0 | 23 | 0.2 | 0.9 | 0.2 | 31 | 0.18 | 0.061 | 16 |
| 1219324 | Soil | | | 1.4 | 16.5 | 12.3 | 46 | <0.1 | 13.8 | 7.0 | 235 | 2.18 | 7.0 | 1.5 | 1.8 | 13 | 0.1 | 0.7 | 0.2 | 33 | 0.09 | 0.043 | 14 |
| 1219325 | Soil | | | 2.1 | 28.5 | 17.4 | 82 | <0.1 | 23.7 | 17.7 | 1054 | 3.44 | 13.1 | 1.6 | 0.8 | 14 | 0.3 | 1.2 | 0.2 | 46 | 0.09 | 0.090 | 18 |
| 1219326 | Soil | | | 1.1 | 26.8 | 10.0 | 65 | <0.1 | 22.6 | 8.1 | 311 | 2.24 | 10.8 | 2.8 | 4.8 | 24 | 0.3 | 0.9 | 0.2 | 37 | 0.25 | 0.076 | 19 |
| 1219327 | Soil | | | 0.5 | 19.0 | 7.1 | 44 | <0.1 | 14.9 | 5.4 | 153 | 1.67 | 7.3 | 5.0 | 3.0 | 18 | 0.1 | 0.6 | 0.1 | 29 | 0.21 | 0.067 | 16 |
| 1219328 | Soil | | | 0.7 | 19.7 | 7.8 | 50 | <0.1 | 16.4 | 5.8 | 193 | 1.89 | 9.8 | 1.9 | 2.9 | 15 | 0.2 | 0.7 | 0.2 | 29 | 0.17 | 0.069 | 14 |
| 1219329 | Soil | | | 0.8 | 23.0 | 7.1 | 51 | <0.1 | 17.7 | 6.2 | 185 | 1.73 | 8.8 | 2.7 | 4.1 | 21 | 0.2 | 0.9 | 0.1 | 28 | 0.25 | 0.072 | 14 |
| 1219330 | Soil | | | 0.6 | 16.1 | 7.1 | 43 | <0.1 | 15.6 | 6.5 | 161 | 1.84 | 8.9 | 2.9 | 2.8 | 17 | 0.1 | 0.6 | 0.1 | 29 | 0.20 | 0.072 | 12 |
| 1219331 | Soil | | | 1.0 | 19.4 | 10.8 | 55 | 0.1 | 18.9 | 7.5 | 299 | 2.31 | 12.1 | 2.4 | 2.3 | 18 | 0.2 | 0.7 | 0.2 | 40 | 0.19 | 0.062 | 17 |
| 1219332 | Soil | | | 0.8 | 26.0 | 10.2 | 57 | 0.2 | 20.2 | 7.7 | 164 | 2.06 | 10.1 | 2.9 | 3.9 | 18 | 0.2 | 0.8 | 0.2 | 36 | 0.20 | 0.064 | 17 |
| 1219333 | Soil | | | 1.0 | 13.2 | 11.0 | 48 | <0.1 | 14.8 | 6.8 | 236 | 2.69 | 14.9 | 2.0 | 3.2 | 10 | 0.2 | 1.0 | 0.2 | 39 | 0.10 | 0.051 | 12 |
| 1219334 | 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. |
| 1219335 | Soil | | | 0.9 | 12.7 | 8.4 | 53 | 0.1 | 15.3 | 6.0 | 175 | 1.80 | 8.8 | 1.6 | 0.8 | 15 | 0.1 | 0.7 | 0.3 | 38 | 0.14 | 0.050 | 12 |
| 1219336 | Soil | | | 1.0 | 30.9 | 8.7 | 62 | <0.1 | 28.6 | 14.2 | 495 | 2.96 | 8.1 | 4.7 | 0.5 | 20 | 0.2 | 0.8 | 0.2 | 98 | 0.21 | 0.104 | 20 |
| 1219337 | Soil | | | 2.7 | 54.7 | 19.3 | 94 | 0.2 | 31.3 | 11.6 | 506 | 3.09 | 21.4 | 3.9 | 2.5 | 24 | 0.4 | 6.2 | 0.2 | 38 | 0.22 | 0.119 | 25 |
| 1219338 | Soil | | | 1.2 | 34.2 | 13.5 | 73 | 0.1 | 28.0 | 9.4 | 961 | 2.60 | 10.9 | 4.3 | 3.1 | 47 | 0.4 | 1.3 | 0.2 | 43 | 0.53 | 0.235 | 20 |
| 1219339 | Soil | | | 2.6 | 49.4 | 13.2 | 92 | <0.1 | 25.8 | 14.3 | 951 | 3.70 | 11.5 | 3.8 | 1.3 | 26 | 0.2 | 1.7 | 0.2 | 41 | 0.27 | 0.127 | 22 |
| 1219340 | Soil | | | 1.3 | 21.2 | 18.1 | 56 | 0.1 | 17.9 | 7.7 | 1003 | 2.55 | 9.8 | 4.5 | 2.9 | 30 | 0.4 | 0.9 | 0.2 | 51 | 0.29 | 0.139 | 14 |
| 1219341 | Soil | | | 0.8 | 8.6 | 12.2 | 30 | <0.1 | 8.5 | 3.4 | 122 | 2.03 | 9.3 | 1.4 | 1.4 | 8 | <0.1 | 0.5 | 0.2 | 46 | 0.06 | 0.024 | 13 |
| 1219342 | Soil | | | 0.6 | 6.7 | 10.0 | 16 | <0.1 | 5.8 | 1.8 | 86 | 1.27 | 4.6 | 2.2 | 0.1 | 6 | <0.1 | 0.3 | 0.2 | 38 | 0.03 | 0.041 | 12 |
| 1219343 | Soil | | | 1.2 | 19.4 | 9.6 | 53 | <0.1 | 16.5 | 9.4 | 327 | 2.42 | 8.3 | 2.2 | 0.5 | 11 | 0.2 | 0.7 | 0.2 | 39 | 0.10 | 0.064 | 15 |
| 1219344 | Soil | | | 0.9 | 15.9 | 9.7 | 49 | <0.1 | 17.6 | 7.8 | 281 | 2.40 | 7.9 | 2.4 | 1.2 | 24 | <0.1 | 0.5 | 0.2 | 46 | 0.29 | 0.059 | 16 |

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Project: Arizona
Report Date: August 25, 2011

Page: 7 of 11 Part 2

CERTIFICATE OF ANALYSIS

WHI11000908.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1219315 | Soil | 18 | 0.50 | 182 | 0.011 | 1 | 1.02 | 0.006 | 0.03 | 0.2 | 0.05 | 2.3 | <0.1 | 0.08 | 3 | <0.5 | <0.2 |
| 1219316 | Soil | 21 | 0.52 | 236 | 0.009 | 3 | 1.20 | 0.008 | 0.05 | 0.1 | 0.04 | 2.9 | <0.1 | 0.09 | 3 | <0.5 | <0.2 |
| 1219317 | Soil | 20 | 0.47 | 238 | 0.010 | 2 | 1.11 | 0.007 | 0.04 | 0.1 | 0.04 | 2.6 | <0.1 | 0.10 | 3 | <0.5 | <0.2 |
| 1219318 | Soil | 22 | 0.49 | 266 | 0.010 | 2 | 1.27 | 0.008 | 0.04 | 0.1 | 0.07 | 2.5 | <0.1 | 0.11 | 4 | 0.8 | <0.2 |
| 1219319 | Soil | 19 | 0.30 | 205 | 0.024 | 2 | 0.92 | 0.005 | 0.03 | 0.2 | 0.03 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219320 | Soil | 18 | 0.33 | 233 | 0.033 | 2 | 0.86 | 0.006 | 0.04 | 0.2 | 0.05 | 2.3 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1219321 | Soil | 18 | 0.32 | 236 | 0.036 | 2 | 0.76 | 0.009 | 0.05 | 0.3 | 0.05 | 2.7 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219322 | Soil | 22 | 0.37 | 241 | 0.039 | 2 | 1.15 | 0.007 | 0.04 | 0.1 | 0.03 | 2.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219323 | Soil | 18 | 0.31 | 171 | 0.031 | 1 | 0.99 | 0.006 | 0.04 | <0.1 | 0.03 | 1.8 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 1219324 | Soil | 18 | 0.23 | 117 | 0.018 | 2 | 1.10 | 0.004 | 0.03 | 0.1 | 0.04 | 1.4 | <0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 1219325 | Soil | 28 | 0.30 | 134 | 0.023 | 1 | 1.26 | 0.005 | 0.06 | 0.1 | 0.03 | 1.4 | 0.1 | <0.05 | 5 | 0.9 | <0.2 |
| 1219326 | Soil | 21 | 0.36 | 333 | 0.042 | 2 | 1.03 | 0.007 | 0.04 | 0.2 | 0.04 | 2.6 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1219327 | Soil | 18 | 0.31 | 202 | 0.031 | 1 | 0.89 | 0.006 | 0.03 | 0.2 | 0.04 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219328 | Soil | 18 | 0.31 | 174 | 0.027 | <1 | 0.93 | 0.005 | 0.03 | 0.2 | 0.03 | 1.8 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1219329 | Soil | 18 | 0.32 | 206 | 0.033 | 2 | 0.80 | 0.006 | 0.04 | 0.2 | 0.05 | 2.4 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219330 | Soil | 16 | 0.29 | 260 | 0.023 | <1 | 0.91 | 0.006 | 0.03 | 0.2 | 0.04 | 1.7 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1219331 | Soil | 23 | 0.34 | 260 | 0.023 | 1 | 1.23 | 0.005 | 0.04 | 0.2 | 0.06 | 2.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219332 | Soil | 23 | 0.34 | 370 | 0.021 | 1 | 1.22 | 0.005 | 0.04 | 0.2 | 0.08 | 3.0 | <0.1 | <0.05 | 4 | 0.9 | <0.2 |
| 1219333 | Soil | 22 | 0.32 | 95 | 0.026 | <1 | 1.24 | 0.004 | 0.03 | 0.2 | 0.03 | 1.6 | <0.1 | <0.05 | 4 | 1.0 | <0.2 |
| 1219334 | 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. |
| 1219335 | Soil | 19 | 0.29 | 169 | 0.022 | 1 | 1.10 | 0.005 | 0.04 | 0.2 | 0.06 | 1.4 | 0.2 | <0.05 | 4 | 0.7 | <0.2 |
| 1219336 | Soil | 47 | 0.55 | 217 | 0.017 | 2 | 1.49 | 0.005 | 0.04 | 0.2 | 0.03 | 2.3 | 0.1 | <0.05 | 6 | 0.8 | <0.2 |
| 1219337 | Soil | 17 | 0.26 | 321 | 0.017 | <1 | 0.93 | 0.004 | 0.05 | 0.2 | 0.15 | 3.1 | 0.1 | <0.05 | 3 | 1.3 | <0.2 |
| 1219338 | Soil | 23 | 0.41 | 291 | 0.026 | 2 | 1.15 | 0.007 | 0.06 | 0.2 | 0.05 | 3.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219339 | Soil | 26 | 0.39 | 177 | 0.015 | <1 | 0.94 | 0.004 | 0.05 | 0.3 | 0.04 | 2.0 | 0.1 | 0.05 | 4 | 0.9 | <0.2 |
| 1219340 | Soil | 24 | 0.29 | 242 | 0.022 | <1 | 1.41 | 0.004 | 0.04 | 0.2 | 0.04 | 2.4 | 0.1 | <0.05 | 5 | 0.6 | <0.2 |
| 1219341 | Soil | 22 | 0.25 | 92 | 0.026 | 1 | 1.34 | 0.004 | 0.03 | 0.1 | 0.03 | 1.5 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 1219342 | Soil | 17 | 0.12 | 73 | 0.007 | <1 | 0.90 | 0.003 | 0.03 | <0.1 | 0.03 | 0.2 | 0.1 | <0.05 | 6 | 0.5 | <0.2 |
| 1219343 | Soil | 20 | 0.37 | 117 | 0.014 | <1 | 1.27 | 0.004 | 0.04 | 0.1 | 0.05 | 1.0 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219344 | Soil | 25 | 0.47 | 232 | 0.024 | <1 | 1.38 | 0.005 | 0.04 | 0.2 | 0.04 | 2.2 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |

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Project: Arizona
Report Date: August 25, 2011

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CERTIFICATE OF ANALYSIS

WHI11000908.1

Table with 21 columns: Method, Analyte, Unit, MDL, and 20 elements (Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La). Rows include sample IDs 1219345 through 1219624 with corresponding analytical data.

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Project: Arizona
 Report Date: August 25, 2011

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CERTIFICATE OF ANALYSIS

WHI11000908.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | Unit | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | MDL | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1219345 | Soil | 24 | 0.38 | 164 | 0.036 | 1 | 0.94 | 0.005 | 0.05 | 0.7 | 0.08 | 2.3 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1219346 | Soil | 27 | 0.44 | 484 | 0.016 | 3 | 1.68 | 0.008 | 0.06 | 0.2 | 0.11 | 3.7 | 0.2 | 0.10 | 5 | <0.5 | <0.2 |
| 1219347 | Soil | 18 | 0.27 | 115 | 0.009 | 2 | 1.03 | 0.004 | 0.04 | 0.1 | 0.05 | 0.8 | 0.1 | 0.05 | 4 | <0.5 | <0.2 |
| 1219348 | Soil | 21 | 0.33 | 213 | 0.017 | 3 | 1.14 | 0.005 | 0.04 | 0.2 | 0.06 | 1.9 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219349 | Soil | 24 | 0.45 | 348 | 0.018 | 2 | 1.21 | 0.006 | 0.05 | 0.2 | 0.06 | 3.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219350 | Soil | 15 | 0.24 | 190 | 0.012 | 3 | 0.81 | 0.004 | 0.03 | 0.2 | 0.03 | 1.0 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219601 | Soil | 23 | 0.28 | 277 | 0.011 | 2 | 1.18 | 0.007 | 0.05 | 0.2 | 0.10 | 1.3 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| 1219602 | Soil | 24 | 0.34 | 219 | 0.013 | 3 | 1.11 | 0.006 | 0.04 | 0.2 | 0.10 | 1.2 | 0.2 | <0.05 | 4 | 0.6 | <0.2 |
| 1219603 | Soil | 21 | 0.20 | 56 | 0.025 | 2 | 1.15 | 0.004 | 0.03 | 0.2 | 0.05 | 1.1 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1219604 | Soil | 28 | 0.38 | 231 | 0.015 | 2 | 1.59 | 0.007 | 0.06 | 0.2 | 0.09 | 1.5 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| 1219605 | Soil | 24 | 0.34 | 154 | 0.018 | 3 | 1.33 | 0.006 | 0.05 | 0.3 | 0.06 | 1.4 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| 1219606 | Soil | 16 | 0.16 | 388 | 0.011 | 2 | 0.84 | 0.010 | 0.06 | 0.1 | 0.11 | 1.3 | 0.2 | 0.11 | 3 | 0.5 | <0.2 |
| 1219607 | Soil | 20 | 0.33 | 261 | 0.012 | 2 | 1.08 | 0.007 | 0.05 | 0.1 | 0.05 | 0.8 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| 1219608 | Soil | 25 | 0.40 | 177 | 0.020 | 2 | 1.31 | 0.006 | 0.06 | 0.2 | 0.07 | 1.8 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| 1219609 | Soil | 22 | 0.36 | 135 | 0.043 | 1 | 0.79 | 0.007 | 0.05 | 0.6 | 0.06 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219610 | Soil | 25 | 0.44 | 200 | 0.036 | 1 | 1.18 | 0.007 | 0.05 | 0.3 | 0.07 | 2.5 | 0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 1219611 | Soil | 26 | 0.45 | 482 | 0.035 | <1 | 1.23 | 0.007 | 0.05 | 0.2 | 0.32 | 4.6 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| 1219612 | Soil | 30 | 0.49 | 338 | 0.035 | 1 | 1.56 | 0.008 | 0.06 | 0.3 | 0.26 | 3.8 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| 1219613 | Soil | 23 | 0.30 | 171 | 0.017 | 2 | 1.22 | 0.004 | 0.06 | 0.2 | 0.24 | 2.1 | 0.3 | <0.05 | 4 | 0.7 | <0.2 |
| 1219614 | Soil | 21 | 0.32 | 163 | 0.027 | 1 | 1.17 | 0.004 | 0.06 | 0.2 | 0.11 | 2.6 | 0.2 | <0.05 | 3 | <0.5 | <0.2 |
| 1219615 | Soil | 24 | 0.31 | 224 | 0.015 | 1 | 1.61 | 0.004 | 0.06 | 0.2 | 0.15 | 2.9 | 0.4 | <0.05 | 5 | 0.6 | <0.2 |
| 1219616 | Soil | 27 | 0.31 | 218 | 0.022 | <1 | 1.75 | 0.005 | 0.05 | 0.2 | 0.05 | 2.5 | 0.3 | <0.05 | 6 | <0.5 | <0.2 |
| 1219617 | Soil | 28 | 0.31 | 198 | 0.023 | 1 | 1.78 | 0.004 | 0.05 | 0.2 | 0.10 | 2.6 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| 1219618 | Soil | 27 | 0.33 | 162 | 0.015 | 2 | 1.57 | 0.004 | 0.08 | 0.2 | 0.04 | 2.5 | 0.3 | <0.05 | 5 | 0.5 | <0.2 |
| 1219619 | Soil | 31 | 0.41 | 130 | 0.028 | 1 | 2.13 | 0.006 | 0.04 | 0.2 | 0.08 | 3.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219620 | Soil | 19 | 0.25 | 116 | 0.018 | <1 | 0.94 | 0.004 | 0.05 | 0.2 | 0.09 | 1.0 | 0.3 | <0.05 | 4 | <0.5 | <0.2 |
| 1219621 | Soil | 16 | 0.16 | 261 | 0.008 | <1 | 0.94 | 0.003 | 0.07 | 0.1 | 0.30 | 1.0 | 0.5 | 0.05 | 4 | 0.8 | <0.2 |
| 1219622 | Soil | 21 | 0.31 | 159 | 0.016 | <1 | 1.06 | 0.004 | 0.05 | 0.2 | 0.07 | 1.3 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219623 | Soil | 7 | 0.02 | 152 | 0.001 | 1 | 0.23 | 0.002 | 0.06 | 0.1 | 0.33 | 1.2 | 0.3 | 0.05 | <1 | 1.6 | <0.2 |
| 1219624 | Soil | 9 | 0.03 | 120 | 0.005 | 1 | 0.29 | 0.002 | 0.05 | 0.1 | 0.07 | 1.1 | 0.3 | 0.07 | <1 | 1.6 | <0.2 |

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Project: Arizona
 Report Date: August 25, 2011

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CERTIFICATE OF ANALYSIS

WHI11000908.1

| | Method Analyte Unit MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | |
| | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | % | ppm |
| 1219625 | Soil | 1.8 | 30.6 | 10.9 | 33 | 0.6 | 16.4 | 4.0 | 201 | 1.44 | 4.8 | 1.2 | <0.1 | 16 | 0.6 | 0.5 | 0.2 | 25 | 0.09 | 0.203 | 10 | |
| 1219626 | Soil | 1.4 | 20.1 | 10.9 | 49 | 0.5 | 13.8 | 6.1 | 238 | 2.61 | 8.7 | 2.2 | 2.3 | 10 | 0.2 | 0.5 | 0.2 | 50 | 0.08 | 0.094 | 15 | |
| 1219627 | Soil | 1.3 | 15.7 | 8.2 | 54 | <0.1 | 15.2 | 7.6 | 241 | 2.47 | 7.5 | 3.2 | 0.7 | 8 | 0.2 | 0.5 | 0.2 | 39 | 0.09 | 0.051 | 14 | |
| 1219628 | Soil | 1.4 | 20.5 | 10.9 | 60 | <0.1 | 17.3 | 9.4 | 295 | 3.00 | 11.7 | 2.3 | 3.2 | 11 | 0.2 | 0.8 | 0.2 | 46 | 0.10 | 0.061 | 16 | |
| 1219629 | Soil | 1.3 | 15.7 | 11.6 | 57 | 0.1 | 15.8 | 9.1 | 398 | 3.04 | 12.6 | 3.5 | 4.3 | 9 | 0.4 | 0.6 | 0.2 | 55 | 0.08 | 0.046 | 13 | |
| 1219630 | Soil | 1.5 | 11.8 | 10.5 | 62 | 0.1 | 13.0 | 10.9 | 681 | 3.15 | 10.1 | 2.7 | 1.3 | 8 | 0.3 | 0.6 | 0.2 | 49 | 0.08 | 0.109 | 13 | |
| 1219631 | Soil | 1.1 | 11.0 | 9.3 | 50 | <0.1 | 12.8 | 7.6 | 384 | 2.50 | 7.9 | 1.9 | 0.5 | 10 | 0.3 | 0.4 | 0.1 | 39 | 0.10 | 0.079 | 12 | |
| 1219632 | Soil | 1.2 | 12.6 | 9.0 | 52 | 0.2 | 15.1 | 8.0 | 314 | 2.63 | 9.4 | 1.8 | 3.2 | 14 | 0.1 | 0.5 | 0.3 | 50 | 0.10 | 0.037 | 13 | |
| 1219633 | Soil | 1.4 | 13.4 | 10.6 | 49 | 0.2 | 13.0 | 10.9 | 734 | 2.37 | 7.9 | 1.8 | 0.4 | 16 | 0.4 | 0.5 | 0.3 | 42 | 0.11 | 0.089 | 14 | |
| 1219634 | Soil | 0.9 | 12.1 | 8.6 | 41 | 0.1 | 13.1 | 5.6 | 209 | 2.09 | 8.4 | 1.1 | 0.9 | 15 | 0.2 | 0.5 | 0.2 | 41 | 0.12 | 0.047 | 13 | |
| 1219635 | Soil | 1.3 | 13.4 | 9.9 | 51 | <0.1 | 14.1 | 8.2 | 370 | 2.65 | 10.1 | 2.3 | 2.2 | 8 | 0.2 | 0.9 | 0.2 | 43 | 0.06 | 0.066 | 12 | |
| 1219636 | Soil | 2.8 | 26.1 | 15.5 | 60 | 0.1 | 21.6 | 9.6 | 422 | 3.36 | 14.0 | 3.5 | 1.8 | 22 | 0.3 | 1.7 | 0.2 | 47 | 0.07 | 0.082 | 12 | |
| 1219637 | Soil | 1.0 | 16.6 | 10.9 | 50 | <0.1 | 17.8 | 9.5 | 307 | 2.63 | 11.1 | 1.3 | 4.2 | 11 | 0.1 | 0.7 | 0.2 | 44 | 0.10 | 0.054 | 15 | |
| 1219638 | Soil | 1.3 | 18.3 | 9.9 | 64 | <0.1 | 19.9 | 9.2 | 455 | 2.35 | 8.3 | 2.1 | 0.8 | 13 | 0.3 | 0.9 | 0.1 | 36 | 0.14 | 0.072 | 19 | |
| 1219639 | Soil | 4.8 | 47.6 | 13.6 | 123 | 0.1 | 34.5 | 14.4 | 377 | 3.51 | 14.2 | 2.0 | 3.7 | 15 | 0.6 | 1.3 | 0.2 | 34 | 0.16 | 0.082 | 29 | |
| 1219640 | Soil | 1.1 | 13.2 | 11.8 | 45 | <0.1 | 15.0 | 6.5 | 171 | 2.38 | 9.8 | 1.5 | 1.9 | 15 | 0.2 | 0.6 | 0.2 | 39 | 0.17 | 0.063 | 14 | |
| 1219641 | Soil | 1.5 | 14.3 | 11.8 | 43 | 0.2 | 14.5 | 6.2 | 301 | 2.53 | 8.9 | 1.2 | 0.5 | 35 | 0.4 | 0.6 | 0.2 | 36 | 0.41 | 0.063 | 17 | |
| 1219651 | Soil | 0.8 | 17.0 | 14.9 | 50 | <0.1 | 15.6 | 5.6 | 209 | 2.09 | 9.1 | 6.5 | 2.3 | 7 | 0.2 | 0.6 | 0.2 | 23 | 0.05 | 0.048 | 30 | |
| 1219652 | Soil | 0.6 | 19.5 | 13.5 | 49 | <0.1 | 15.1 | 5.3 | 174 | 1.99 | 6.4 | 3.7 | 2.9 | 8 | <0.1 | 0.6 | 0.2 | 21 | 0.06 | 0.045 | 34 | |
| 1219653 | Soil | 0.8 | 15.2 | 11.0 | 50 | <0.1 | 15.2 | 6.6 | 222 | 2.13 | 9.9 | 1.4 | 1.5 | 7 | 0.1 | 0.6 | 0.2 | 26 | 0.06 | 0.049 | 22 | |
| 1219654 | Soil | 0.8 | 14.3 | 10.9 | 47 | <0.1 | 14.8 | 6.0 | 270 | 1.91 | 10.4 | 0.8 | 1.2 | 6 | 0.2 | 0.8 | 0.2 | 28 | 0.04 | 0.034 | 17 | |
| 1219655 | Soil | 1.1 | 17.1 | 17.2 | 57 | <0.1 | 16.8 | 7.1 | 273 | 2.66 | 16.4 | 4.5 | 0.6 | 7 | 0.2 | 1.0 | 0.2 | 44 | 0.05 | 0.064 | 14 | |
| 1219656 | Soil | 1.1 | 22.5 | 13.3 | 60 | <0.1 | 19.9 | 6.9 | 249 | 2.28 | 12.2 | 8.4 | 1.9 | 9 | 0.2 | 1.0 | 0.2 | 33 | 0.09 | 0.068 | 22 | |
| 1219657 | Soil | 0.9 | 23.9 | 11.9 | 50 | <0.1 | 18.4 | 5.4 | 183 | 2.08 | 9.5 | 7.1 | 2.2 | 8 | 0.1 | 1.0 | 0.2 | 26 | 0.08 | 0.052 | 25 | |
| 1219658 | Soil | 0.6 | 11.4 | 11.1 | 41 | <0.1 | 12.9 | 5.0 | 199 | 1.99 | 9.5 | 0.8 | 1.3 | 7 | <0.1 | 0.7 | 0.1 | 25 | 0.07 | 0.040 | 15 | |
| 1219659 | Soil | 0.5 | 17.1 | 13.8 | 49 | <0.1 | 15.1 | 7.0 | 174 | 2.28 | 7.2 | <0.5 | 8.1 | 7 | <0.1 | 1.2 | 0.2 | 14 | 0.02 | 0.026 | 34 | |
| 1219660 | Soil | 0.6 | 24.0 | 10.3 | 57 | <0.1 | 22.5 | 6.6 | 240 | 2.06 | 6.7 | 1.4 | 4.2 | 9 | 0.1 | 2.8 | 0.2 | 16 | 0.06 | 0.044 | 28 | |
| 1219661 | Soil | 0.6 | 22.6 | 10.1 | 56 | <0.1 | 22.5 | 7.3 | 266 | 2.03 | 5.9 | 1.2 | 3.4 | 7 | 0.1 | 1.1 | 0.2 | 21 | 0.07 | 0.053 | 28 | |
| 1219662 | Soil | 0.2 | 42.6 | 10.4 | 62 | <0.1 | 27.9 | 9.6 | 163 | 2.37 | 7.6 | 1.2 | 12.1 | 13 | 0.2 | 4.2 | 0.2 | 15 | 0.13 | 0.045 | 29 | |
| 1219663 | Soil | 0.4 | 25.2 | 17.5 | 57 | <0.1 | 18.5 | 9.5 | 277 | 2.44 | 7.7 | <0.5 | 10.6 | 10 | 0.1 | 0.7 | 0.2 | 17 | 0.12 | 0.034 | 32 | |

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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 |
|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | |
| | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1219625 | Soil | 16 | 0.10 | 247 | 0.004 | 2 | 0.94 | 0.007 | 0.04 | <0.1 | 0.08 | 0.6 | 0.1 | 0.19 | 3 | <0.5 | <0.2 |
| 1219626 | Soil | 24 | 0.33 | 304 | 0.021 | <1 | 1.56 | 0.006 | 0.05 | 0.2 | 0.05 | 2.7 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 1219627 | Soil | 22 | 0.36 | 221 | 0.016 | <1 | 1.21 | 0.004 | 0.04 | 0.1 | 0.03 | 1.4 | 0.1 | 0.05 | 4 | 0.5 | <0.2 |
| 1219628 | Soil | 27 | 0.44 | 289 | 0.022 | 1 | 1.64 | 0.005 | 0.05 | 0.2 | 0.06 | 3.2 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1219629 | Soil | 29 | 0.44 | 240 | 0.030 | <1 | 1.84 | 0.005 | 0.04 | 0.2 | 0.05 | 2.8 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 1219630 | Soil | 22 | 0.32 | 164 | 0.019 | 2 | 1.27 | 0.004 | 0.06 | 0.2 | <0.01 | 2.0 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1219631 | Soil | 21 | 0.33 | 145 | 0.017 | <1 | 1.11 | 0.007 | 0.05 | 0.1 | 0.04 | 1.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219632 | Soil | 24 | 0.40 | 378 | 0.018 | 2 | 1.49 | 0.005 | 0.04 | 0.1 | 0.04 | 2.2 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1219633 | Soil | 20 | 0.24 | 522 | 0.015 | 2 | 1.01 | 0.005 | 0.06 | 0.1 | 0.03 | 1.0 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1219634 | Soil | 20 | 0.28 | 240 | 0.016 | 1 | 1.10 | 0.004 | 0.04 | 0.3 | 0.03 | 1.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219635 | Soil | 22 | 0.28 | 103 | 0.017 | <1 | 1.24 | 0.004 | 0.04 | 0.2 | 0.04 | 1.7 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219636 | Soil | 23 | 0.24 | 126 | 0.014 | 1 | 1.21 | 0.004 | 0.05 | 0.1 | 0.04 | 1.8 | 0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 1219637 | Soil | 29 | 0.42 | 156 | 0.024 | <1 | 1.75 | 0.006 | 0.04 | 0.2 | 0.05 | 2.7 | 0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1219638 | Soil | 21 | 0.34 | 170 | 0.018 | 2 | 1.16 | 0.005 | 0.05 | 0.1 | 0.05 | 1.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219639 | Soil | 16 | 0.36 | 179 | 0.010 | <1 | 1.09 | 0.004 | 0.06 | <0.1 | 0.04 | 3.5 | 0.2 | <0.05 | 3 | 0.8 | <0.2 |
| 1219640 | Soil | 23 | 0.33 | 170 | 0.021 | 1 | 1.60 | 0.005 | 0.04 | 0.2 | 0.06 | 2.0 | 0.1 | <0.05 | 4 | 0.7 | <0.2 |
| 1219641 | Soil | 18 | 0.19 | 246 | 0.011 | 1 | 1.21 | 0.005 | 0.03 | <0.1 | 0.06 | 1.3 | 0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1219651 | Soil | 15 | 0.27 | 68 | 0.008 | <1 | 1.03 | 0.003 | 0.04 | 0.1 | 0.03 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219652 | Soil | 15 | 0.33 | 63 | 0.011 | <1 | 1.03 | 0.003 | 0.04 | 0.1 | 0.02 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219653 | Soil | 16 | 0.32 | 67 | 0.013 | <1 | 1.10 | 0.003 | 0.03 | 0.2 | 0.03 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219654 | Soil | 14 | 0.21 | 69 | 0.013 | <1 | 0.83 | 0.003 | 0.03 | 0.2 | 0.03 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219655 | Soil | 23 | 0.30 | 127 | 0.013 | <1 | 1.48 | 0.004 | 0.05 | 0.2 | 0.04 | 1.0 | 0.1 | <0.05 | 5 | 0.7 | <0.2 |
| 1219656 | Soil | 19 | 0.29 | 79 | 0.022 | <1 | 1.04 | 0.004 | 0.04 | 0.3 | 0.04 | 1.5 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1219657 | Soil | 17 | 0.29 | 66 | 0.015 | <1 | 0.93 | 0.003 | 0.04 | 0.2 | 0.08 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219658 | Soil | 15 | 0.24 | 75 | 0.012 | <1 | 0.86 | 0.003 | 0.03 | 0.2 | 0.02 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219659 | Soil | 9 | 0.13 | 62 | 0.005 | <1 | 0.69 | 0.003 | 0.04 | <0.1 | 0.05 | 1.0 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219660 | Soil | 13 | 0.20 | 80 | 0.006 | <1 | 0.63 | 0.003 | 0.03 | 0.1 | 0.08 | 1.1 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219661 | Soil | 16 | 0.41 | 67 | 0.016 | <1 | 0.92 | 0.003 | 0.03 | 0.2 | 0.05 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219662 | Soil | 14 | 0.30 | 79 | 0.010 | <1 | 0.65 | 0.002 | 0.03 | <0.1 | 0.30 | 2.5 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219663 | Soil | 13 | 0.23 | 134 | 0.005 | <1 | 0.77 | 0.004 | 0.03 | 0.1 | 0.09 | 1.6 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |

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Project: Arizona
Report Date: August 25, 2011

Page: 10 of 11 Part 1

CERTIFICATE OF ANALYSIS

WHI11000908.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | | 1 |
| 1219664 | Soil | 0.5 | 14.5 | 9.8 | 41 | <0.1 | 12.7 | 4.7 | 168 | 1.78 | 6.6 | 14.6 | 5.5 | 9 | <0.1 | 0.3 | 0.1 | 15 | 0.09 | 0.028 | 29 |
| 1219665 | Soil | 0.6 | 21.5 | 11.9 | 49 | <0.1 | 15.8 | 6.0 | 203 | 2.17 | 7.2 | 1.5 | 6.0 | 9 | <0.1 | 0.5 | 0.2 | 17 | 0.09 | 0.038 | 27 |
| 1219666 | Soil | 0.5 | 25.8 | 13.7 | 56 | <0.1 | 20.8 | 11.9 | 682 | 3.15 | 7.5 | 4.7 | 10.2 | 9 | 0.1 | 0.3 | 0.2 | 13 | 0.08 | 0.027 | 28 |
| 1219667 | Soil | 0.6 | 35.4 | 13.4 | 60 | <0.1 | 22.5 | 7.3 | 248 | 2.46 | 5.9 | 0.6 | 12.4 | 11 | 0.1 | 0.5 | 0.2 | 16 | 0.12 | 0.050 | 37 |
| 1219668 | Soil | 0.7 | 16.1 | 11.1 | 51 | <0.1 | 15.6 | 6.3 | 338 | 2.07 | 7.0 | 2.5 | 3.8 | 9 | 0.2 | 0.6 | 0.2 | 22 | 0.09 | 0.049 | 25 |
| 1219669 | Soil | 0.7 | 15.7 | 9.5 | 42 | 0.1 | 14.9 | 5.2 | 163 | 1.89 | 6.8 | 1.1 | 2.3 | 8 | 0.1 | 0.6 | 0.2 | 19 | 0.07 | 0.038 | 30 |
| 1219670 | Soil | 0.8 | 17.6 | 9.1 | 48 | <0.1 | 15.3 | 5.4 | 172 | 2.14 | 6.5 | 1.1 | 2.0 | 9 | 0.1 | 0.5 | 0.2 | 23 | 0.08 | 0.052 | 27 |
| 1219671 | Soil | 0.8 | 24.2 | 9.4 | 44 | <0.1 | 14.9 | 6.9 | 218 | 2.11 | 9.5 | 0.8 | 3.1 | 8 | <0.1 | 0.6 | 0.2 | 24 | 0.07 | 0.042 | 26 |
| 1219672 | Soil | 0.9 | 16.6 | 10.3 | 51 | <0.1 | 16.9 | 6.5 | 245 | 2.22 | 8.9 | 1.1 | 3.4 | 10 | 0.2 | 0.7 | 0.2 | 24 | 0.09 | 0.046 | 19 |
| 1219673 | Soil | 0.8 | 20.5 | 12.3 | 56 | <0.1 | 16.9 | 6.7 | 215 | 2.46 | 8.4 | 0.6 | 5.4 | 7 | 0.1 | 0.5 | 0.2 | 21 | 0.06 | 0.038 | 31 |
| 1219674 | Soil | 0.7 | 19.0 | 10.3 | 49 | <0.1 | 15.8 | 5.7 | 187 | 2.16 | 8.5 | 0.9 | 2.0 | 7 | 0.1 | 0.6 | 0.2 | 24 | 0.05 | 0.038 | 23 |
| 1219675 | Soil | 0.7 | 20.1 | 9.9 | 40 | 0.2 | 15.4 | 5.2 | 146 | 1.92 | 8.1 | 10.7 | 3.1 | 5 | <0.1 | 0.4 | 0.2 | 21 | 0.03 | 0.035 | 27 |
| 1219676 | Soil | 0.8 | 28.5 | 13.1 | 63 | <0.1 | 24.5 | 10.5 | 334 | 2.42 | 10.4 | 1.2 | 6.4 | 10 | 0.1 | 0.6 | 0.2 | 21 | 0.09 | 0.061 | 30 |
| 1219677 | Soil | 0.9 | 27.0 | 11.5 | 53 | <0.1 | 19.3 | 8.6 | 256 | 2.56 | 10.4 | 2.3 | 1.4 | 7 | 0.1 | 0.6 | 0.2 | 27 | 0.06 | 0.051 | 22 |
| 1219678 | Soil | 0.8 | 54.3 | 11.3 | 64 | <0.1 | 27.5 | 10.5 | 166 | 2.69 | 5.6 | 2.9 | 6.3 | 10 | 0.1 | 0.7 | 0.2 | 34 | 0.10 | 0.055 | 29 |
| 1219679 | Soil | 0.9 | 42.8 | 7.7 | 61 | <0.1 | 31.2 | 14.3 | 302 | 3.32 | 8.5 | 30.6 | 6.3 | 7 | 0.1 | 0.5 | 0.3 | 22 | 0.05 | 0.046 | 37 |
| 1219680 | Soil | 1.2 | 28.0 | 23.6 | 51 | <0.1 | 21.2 | 9.5 | 413 | 2.68 | 10.4 | 1.3 | 3.1 | 7 | <0.1 | 0.6 | 0.2 | 28 | 0.05 | 0.032 | 25 |
| 1219681 | Soil | 0.8 | 28.1 | 15.8 | 52 | <0.1 | 20.4 | 8.5 | 460 | 2.16 | 10.7 | 1.2 | 1.0 | 9 | 0.1 | 0.6 | 0.2 | 23 | 0.07 | 0.055 | 20 |
| 1219682 | Soil | 0.8 | 29.1 | 23.1 | 60 | <0.1 | 20.6 | 8.7 | 320 | 2.35 | 11.1 | 0.6 | 1.7 | 9 | 0.1 | 0.5 | 0.2 | 27 | 0.07 | 0.051 | 19 |
| 1219683 | Soil | 0.8 | 28.1 | 16.5 | 57 | <0.1 | 25.8 | 9.7 | 350 | 2.33 | 9.5 | 1.4 | 3.1 | 13 | 0.1 | 0.7 | 0.2 | 24 | 0.13 | 0.052 | 21 |
| 1219684 | Soil | 0.8 | 36.0 | 33.3 | 65 | 0.1 | 26.1 | 8.9 | 287 | 3.01 | 10.3 | 2.6 | 4.4 | 10 | <0.1 | 3.3 | 0.3 | 20 | 0.06 | 0.051 | 30 |
| 1219685 | Soil | 0.9 | 28.6 | 73.0 | 78 | 0.1 | 28.0 | 10.8 | 991 | 3.19 | 7.6 | 1.5 | 3.2 | 12 | <0.1 | 1.2 | 0.4 | 20 | 0.14 | 0.085 | 32 |
| 1219686 | Soil | 0.6 | 52.1 | 49.4 | 108 | 0.1 | 49.3 | 23.5 | 739 | 4.01 | 8.9 | 0.8 | 14.5 | 12 | <0.1 | 0.4 | 0.3 | 8 | 0.12 | 0.061 | 56 |
| 1219687 | Soil | 0.9 | 38.9 | 16.2 | 70 | <0.1 | 28.8 | 10.1 | 332 | 2.98 | 10.2 | 2.2 | 3.3 | 10 | 0.1 | 0.6 | 0.2 | 23 | 0.08 | 0.051 | 29 |
| 1219688 | Soil | 0.8 | 29.5 | 18.7 | 62 | <0.1 | 23.3 | 8.5 | 278 | 2.50 | 7.0 | 1.0 | 3.2 | 9 | 0.1 | 0.5 | 0.2 | 18 | 0.07 | 0.047 | 33 |
| 1219689 | Soil | 0.7 | 20.5 | 12.5 | 51 | <0.1 | 18.5 | 7.2 | 216 | 2.23 | 7.7 | 2.2 | 2.9 | 9 | 0.1 | 0.5 | 0.2 | 21 | 0.08 | 0.044 | 22 |
| 1219690 | Soil | 0.7 | 34.1 | 16.5 | 70 | <0.1 | 30.7 | 13.0 | 412 | 2.94 | 11.4 | 1.2 | 8.6 | 9 | 0.1 | 0.5 | 0.2 | 17 | 0.09 | 0.049 | 33 |
| 1217141 | Soil | 1.8 | 14.2 | 41.2 | 42 | 0.2 | 14.8 | 6.6 | 258 | 2.24 | 6.7 | 0.5 | 0.6 | 11 | 0.1 | 0.4 | 0.2 | 39 | 0.08 | 0.049 | 17 |
| 1217142 | Soil | 3.7 | 33.1 | 47.2 | 85 | 0.1 | 29.2 | 18.8 | 459 | 4.89 | 6.3 | <0.5 | 3.7 | 20 | 0.2 | 0.6 | 0.1 | 37 | 0.13 | 0.077 | 22 |
| 1217143 | Soil | 1.8 | 23.4 | 25.1 | 77 | 0.1 | 23.9 | 15.8 | 541 | 3.31 | 6.3 | 2.3 | 2.8 | 22 | 0.2 | 0.5 | 0.1 | 30 | 0.15 | 0.053 | 21 |

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Project: Arizona
Report Date: August 25, 2011

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CERTIFICATE OF ANALYSIS

WHI11000908.1

| Method Analyte Unit MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | |
| | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1219664 | Soil | 10 | 0.18 | 84 | 0.006 | <1 | 0.63 | 0.002 | 0.03 | 0.1 | 0.04 | 0.7 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219665 | Soil | 12 | 0.18 | 122 | 0.005 | <1 | 0.64 | 0.003 | 0.04 | 0.2 | 0.05 | 1.2 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219666 | Soil | 11 | 0.21 | 95 | 0.002 | <1 | 0.66 | 0.003 | 0.03 | <0.1 | 0.05 | 1.4 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219667 | Soil | 14 | 0.44 | 83 | 0.008 | <1 | 0.93 | 0.003 | 0.03 | <0.1 | 0.04 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219668 | Soil | 15 | 0.29 | 99 | 0.010 | <1 | 0.84 | 0.003 | 0.03 | 0.2 | 0.04 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219669 | Soil | 11 | 0.19 | 86 | 0.010 | <1 | 0.64 | 0.003 | 0.03 | 0.1 | 0.03 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219670 | Soil | 13 | 0.23 | 76 | 0.010 | <1 | 0.69 | 0.003 | 0.03 | 0.1 | 0.03 | 0.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219671 | Soil | 15 | 0.27 | 137 | 0.012 | <1 | 0.96 | 0.004 | 0.03 | 0.2 | 0.04 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219672 | Soil | 15 | 0.26 | 82 | 0.016 | <1 | 0.78 | 0.005 | 0.03 | 0.2 | 0.02 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219673 | Soil | 14 | 0.24 | 103 | 0.008 | <1 | 0.84 | 0.003 | 0.03 | 0.2 | 0.03 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219674 | Soil | 14 | 0.24 | 75 | 0.012 | <1 | 0.79 | 0.003 | 0.03 | 0.2 | 0.03 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219675 | Soil | 11 | 0.17 | 32 | 0.007 | <1 | 0.59 | 0.003 | 0.02 | 0.2 | 0.04 | 0.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219676 | Soil | 16 | 0.33 | 93 | 0.012 | <1 | 0.98 | 0.003 | 0.03 | 0.2 | 0.04 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219677 | Soil | 18 | 0.32 | 79 | 0.011 | <1 | 1.18 | 0.003 | 0.03 | 0.1 | 0.03 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219678 | Soil | 29 | 0.51 | 115 | 0.018 | <1 | 1.24 | 0.004 | 0.04 | 0.2 | 0.04 | 2.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219679 | Soil | 25 | 0.49 | 136 | 0.011 | <1 | 1.17 | 0.003 | 0.04 | 0.2 | 0.03 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219680 | Soil | 23 | 0.39 | 64 | 0.016 | <1 | 1.26 | 0.003 | 0.04 | 0.2 | 0.06 | 1.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219681 | Soil | 18 | 0.27 | 109 | 0.009 | <1 | 0.92 | 0.003 | 0.04 | 0.3 | 0.04 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219682 | Soil | 20 | 0.32 | 106 | 0.014 | <1 | 1.10 | 0.003 | 0.03 | 0.2 | 0.04 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219683 | Soil | 20 | 0.32 | 136 | 0.016 | <1 | 0.89 | 0.003 | 0.04 | 0.2 | 0.04 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219684 | Soil | 20 | 0.26 | 108 | 0.007 | <1 | 0.86 | 0.004 | 0.04 | 0.1 | 0.06 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219685 | Soil | 17 | 0.22 | 164 | 0.008 | <1 | 0.83 | 0.003 | 0.05 | 0.2 | 0.06 | 1.6 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219686 | Soil | 17 | 0.25 | 112 | 0.003 | <1 | 0.75 | 0.003 | 0.04 | <0.1 | 0.06 | 2.0 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219687 | Soil | 22 | 0.28 | 158 | 0.010 | <1 | 0.97 | 0.003 | 0.05 | 0.1 | 0.05 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219688 | Soil | 17 | 0.24 | 132 | 0.009 | <1 | 0.81 | 0.004 | 0.04 | 0.1 | 0.05 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219689 | Soil | 18 | 0.24 | 84 | 0.014 | <1 | 0.80 | 0.003 | 0.04 | 0.2 | 0.03 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219690 | Soil | 17 | 0.32 | 88 | 0.012 | <1 | 0.88 | 0.003 | 0.04 | <0.1 | 0.02 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217141 | Soil | 25 | 0.30 | 237 | 0.017 | 1 | 1.17 | 0.005 | 0.05 | 0.1 | 0.03 | 1.4 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1217142 | Soil | 26 | 0.65 | 199 | 0.007 | <1 | 1.78 | 0.006 | 0.07 | <0.1 | 0.08 | 3.6 | <0.1 | <0.05 | 5 | 0.7 | <0.2 |
| 1217143 | Soil | 25 | 0.49 | 268 | 0.015 | 2 | 1.36 | 0.006 | 0.07 | <0.1 | 0.03 | 2.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |



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Project: Arizona
 Report Date: August 25, 2011

Page: 11 of 11 Part 1

CERTIFICATE OF ANALYSIS

WHI11000908.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1217144 | Soil | 2.8 | 29.8 | 18.8 | 80 | 0.4 | 25.2 | 10.4 | 311 | 2.73 | 11.0 | 1.4 | 1.8 | 19 | 0.3 | 1.1 | 0.2 | 44 | 0.18 | 0.089 | 18 |
| 1217145 | Soil | 3.6 | 32.3 | 22.7 | 97 | 0.2 | 25.7 | 13.9 | 423 | 3.66 | 13.8 | 4.0 | 1.3 | 14 | 0.6 | 1.1 | 0.3 | 62 | 0.12 | 0.091 | 16 |
| 1217146 | Soil | 2.5 | 29.6 | 17.1 | 67 | 0.1 | 24.2 | 11.8 | 329 | 2.92 | 12.1 | 3.3 | 3.9 | 14 | 0.3 | 0.9 | 0.2 | 43 | 0.12 | 0.055 | 17 |
| 1217147 | Soil | 1.6 | 7.5 | 15.6 | 22 | 0.1 | 5.9 | 2.2 | 80 | 1.86 | 7.2 | 0.5 | 0.3 | 7 | <0.1 | 0.4 | 0.2 | 39 | 0.05 | 0.031 | 11 |
| 1217148 | Soil | 3.3 | 35.5 | 20.4 | 75 | 0.1 | 22.8 | 10.1 | 294 | 3.04 | 9.9 | 1.2 | 0.7 | 17 | 0.5 | 0.8 | 0.3 | 50 | 0.16 | 0.061 | 17 |
| 1217149 | Soil | 6.0 | 13.3 | 17.5 | 51 | <0.1 | 11.3 | 4.2 | 118 | 2.02 | 9.8 | 1.4 | 2.5 | 10 | 0.2 | 1.3 | 0.2 | 38 | 0.07 | 0.030 | 13 |
| 1217150 | Soil | 2.1 | 15.8 | 16.0 | 66 | 0.2 | 17.3 | 13.6 | 653 | 2.33 | 6.8 | <0.5 | 0.3 | 10 | 0.3 | 0.5 | 0.2 | 40 | 0.10 | 0.058 | 11 |



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Project: Arizona
 Report Date: August 25, 2011

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CERTIFICATE OF ANALYSIS

WHI11000908.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1217144 | Soil | 26 | 0.37 | 180 | 0.017 | <1 | 1.44 | 0.005 | 0.06 | 0.2 | 0.12 | 2.4 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| 1217145 | Soil | 29 | 0.39 | 126 | 0.018 | 1 | 1.60 | 0.005 | 0.06 | 0.2 | 0.10 | 2.3 | 0.2 | <0.05 | 5 | 0.6 | <0.2 |
| 1217146 | Soil | 29 | 0.40 | 247 | 0.028 | <1 | 1.69 | 0.006 | 0.05 | 0.2 | 0.14 | 3.3 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217147 | Soil | 19 | 0.14 | 57 | 0.020 | <1 | 1.04 | 0.004 | 0.03 | <0.1 | 0.03 | 0.7 | 0.1 | <0.05 | 6 | 0.6 | <0.2 |
| 1217148 | Soil | 31 | 0.39 | 146 | 0.018 | <1 | 1.57 | 0.006 | 0.04 | 0.1 | 0.06 | 2.1 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1217149 | Soil | 19 | 0.19 | 71 | 0.019 | <1 | 1.01 | 0.005 | 0.03 | 0.1 | 0.03 | 1.4 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| 1217150 | Soil | 25 | 0.30 | 135 | 0.016 | <1 | 1.28 | 0.004 | 0.04 | 0.1 | 0.04 | 0.9 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |



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Project: Arizona

Report Date: August 25, 2011

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QUALITY CONTROL REPORT

WHI11000908.1

| Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | |
| Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 1219045 | Soil | 1.0 | 19.9 | 8.8 | 54 | <0.1 | 18.1 | 8.2 | 228 | 2.06 | 7.0 | 2.0 | 2.5 | 17 | 0.1 | 0.7 | 0.2 | 40 | 0.17 | 0.048 | 17 |
| REP 1219045 | QC | 1.1 | 21.1 | 8.8 | 53 | <0.1 | 19.2 | 8.6 | 246 | 2.10 | 7.1 | 1.0 | 2.5 | 17 | 0.1 | 0.6 | 0.1 | 40 | 0.17 | 0.049 | 17 |
| 1219059 | Soil | 1.0 | 28.8 | 11.3 | 67 | 0.1 | 23.7 | 9.6 | 335 | 2.17 | 9.0 | 1.7 | 5.1 | 27 | 0.2 | 0.9 | 0.2 | 43 | 0.29 | 0.070 | 17 |
| REP 1219059 | QC | 1.0 | 28.0 | 10.9 | 69 | <0.1 | 24.2 | 9.5 | 322 | 2.21 | 9.2 | 4.6 | 4.8 | 27 | 0.2 | 0.8 | 0.2 | 42 | 0.30 | 0.068 | 17 |
| 1219080 | Soil | 4.9 | 73.3 | 12.6 | 148 | 0.7 | 32.9 | 7.2 | 167 | 2.06 | 8.3 | 5.6 | 2.2 | 51 | 1.3 | 2.2 | 0.2 | 35 | 1.12 | 0.083 | 15 |
| REP 1219080 | QC | 4.9 | 73.8 | 12.6 | 150 | 0.7 | 33.4 | 7.3 | 169 | 2.12 | 8.5 | 7.9 | 2.2 | 53 | 1.0 | 2.2 | 0.1 | 37 | 1.12 | 0.084 | 16 |
| 1219097 | Soil | 0.9 | 19.0 | 10.7 | 44 | <0.1 | 20.1 | 8.5 | 267 | 2.24 | 7.6 | 1.6 | 0.9 | 27 | <0.1 | 1.2 | 0.2 | 57 | 0.38 | 0.065 | 12 |
| REP 1219097 | QC | 0.9 | 17.9 | 10.4 | 44 | <0.1 | 20.0 | 8.3 | 258 | 2.17 | 7.7 | 2.3 | 0.9 | 26 | <0.1 | 1.2 | 0.1 | 56 | 0.38 | 0.064 | 12 |
| 1219112 | Soil | 0.9 | 19.3 | 11.6 | 60 | <0.1 | 18.7 | 7.5 | 287 | 2.06 | 8.6 | 2.8 | 0.8 | 22 | 0.2 | 0.9 | 0.2 | 39 | 0.31 | 0.069 | 11 |
| REP 1219112 | QC | 0.8 | 18.9 | 11.6 | 59 | <0.1 | 19.3 | 7.2 | 290 | 2.05 | 8.6 | 5.9 | 0.8 | 23 | 0.2 | 0.8 | 0.2 | 38 | 0.30 | 0.069 | 11 |
| 1219263 | Soil | 0.9 | 21.6 | 11.2 | 52 | <0.1 | 16.3 | 6.6 | 269 | 1.97 | 7.6 | 2.1 | 1.2 | 15 | 0.2 | 0.6 | 0.2 | 39 | 0.13 | 0.057 | 15 |
| REP 1219263 | QC | 0.9 | 20.8 | 11.3 | 51 | <0.1 | 16.4 | 6.9 | 277 | 2.06 | 7.6 | 1.7 | 1.1 | 15 | 0.1 | 0.7 | 0.2 | 40 | 0.14 | 0.057 | 15 |
| 1219277 | Soil | 0.7 | 16.3 | 10.0 | 46 | <0.1 | 12.8 | 5.2 | 194 | 1.75 | 7.9 | 12.3 | 0.4 | 11 | 0.2 | 0.6 | 0.2 | 34 | 0.12 | 0.060 | 11 |
| REP 1219277 | QC | 0.7 | 15.7 | 10.1 | 44 | <0.1 | 12.8 | 5.0 | 190 | 1.76 | 7.9 | 4.1 | 0.6 | 12 | 0.2 | 0.6 | 0.1 | 32 | 0.12 | 0.056 | 11 |
| 1219300 | Soil | 0.5 | 16.7 | 14.7 | 59 | <0.1 | 23.1 | 11.3 | 299 | 2.78 | 3.5 | 1.4 | 5.8 | 107 | <0.1 | 0.2 | 0.1 | 21 | 3.52 | 0.098 | 20 |
| REP 1219300 | QC | 0.5 | 16.6 | 15.1 | 61 | <0.1 | 23.3 | 11.6 | 301 | 2.83 | 3.4 | 1.6 | 5.9 | 110 | <0.1 | 0.3 | 0.1 | 19 | 3.50 | 0.096 | 19 |
| 1219323 | Soil | 2.1 | 23.3 | 13.2 | 57 | <0.1 | 16.4 | 7.9 | 292 | 2.16 | 7.7 | 3.5 | 5.0 | 23 | 0.2 | 0.9 | 0.2 | 31 | 0.18 | 0.061 | 16 |
| REP 1219323 | QC | 2.1 | 23.1 | 13.5 | 58 | <0.1 | 16.7 | 7.6 | 280 | 2.13 | 7.3 | 3.5 | 4.6 | 23 | 0.2 | 1.0 | 0.2 | 29 | 0.17 | 0.061 | 14 |
| 1219331 | Soil | 1.0 | 19.4 | 10.8 | 55 | 0.1 | 18.9 | 7.5 | 299 | 2.31 | 12.1 | 2.4 | 2.3 | 18 | 0.2 | 0.7 | 0.2 | 40 | 0.19 | 0.062 | 17 |
| REP 1219331 | QC | 1.0 | 19.4 | 10.7 | 53 | 0.1 | 17.7 | 7.4 | 290 | 2.26 | 12.1 | 5.0 | 2.4 | 17 | 0.1 | 0.8 | 0.2 | 38 | 0.19 | 0.059 | 16 |
| 1219613 | Soil | 3.6 | 43.0 | 13.5 | 60 | 0.1 | 21.0 | 8.2 | 867 | 2.85 | 19.3 | 12.3 | 2.2 | 28 | 0.1 | 3.8 | 0.2 | 47 | 0.07 | 0.078 | 16 |
| REP 1219613 | QC | 3.5 | 43.0 | 13.4 | 61 | 0.1 | 20.5 | 8.0 | 842 | 2.81 | 18.7 | 9.8 | 2.1 | 28 | 0.1 | 3.8 | 0.2 | 45 | 0.07 | 0.073 | 15 |
| 1219625 | Soil | 1.8 | 30.6 | 10.9 | 33 | 0.6 | 16.4 | 4.0 | 201 | 1.44 | 4.8 | 1.2 | <0.1 | 16 | 0.6 | 0.5 | 0.2 | 25 | 0.09 | 0.203 | 10 |
| REP 1219625 | QC | 1.7 | 31.1 | 11.0 | 35 | 0.7 | 16.8 | 4.0 | 196 | 1.44 | 5.0 | 2.3 | 0.1 | 17 | 0.9 | 0.7 | 0.1 | 27 | 0.09 | 0.192 | 10 |
| 1219652 | Soil | 0.6 | 19.5 | 13.5 | 49 | <0.1 | 15.1 | 5.3 | 174 | 1.99 | 6.4 | 3.7 | 2.9 | 8 | <0.1 | 0.6 | 0.2 | 21 | 0.06 | 0.045 | 34 |
| REP 1219652 | QC | 0.5 | 19.0 | 13.4 | 48 | <0.1 | 14.7 | 5.3 | 177 | 1.99 | 6.5 | 1.4 | 2.8 | 8 | <0.1 | 0.6 | 0.2 | 21 | 0.06 | 0.047 | 36 |
| 1219671 | Soil | 0.8 | 24.2 | 9.4 | 44 | <0.1 | 14.9 | 6.9 | 218 | 2.11 | 9.5 | 0.8 | 3.1 | 8 | <0.1 | 0.6 | 0.2 | 24 | 0.07 | 0.042 | 26 |
| REP 1219671 | QC | 0.7 | 24.4 | 9.3 | 45 | <0.1 | 16.1 | 7.0 | 217 | 2.09 | 9.3 | 3.8 | 3.0 | 8 | 0.1 | 0.6 | 0.2 | 25 | 0.07 | 0.041 | 27 |



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Project: Arizona
 Report Date: August 25, 2011

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QUALITY CONTROL REPORT

WHI11000908.1

| Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analyte | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | |
| Unit | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | |
| 1219045 | Soil | 23 | 0.38 | 226 | 0.036 | <1 | 1.24 | 0.007 | 0.04 | 0.1 | 0.03 | 2.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1219045 | QC | 24 | 0.38 | 225 | 0.034 | 1 | 1.26 | 0.006 | 0.04 | 0.1 | 0.03 | 2.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219059 | Soil | 25 | 0.42 | 288 | 0.054 | 1 | 1.15 | 0.010 | 0.06 | 0.2 | 0.04 | 3.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1219059 | QC | 24 | 0.40 | 292 | 0.056 | 1 | 1.16 | 0.009 | 0.06 | 0.2 | 0.04 | 3.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219080 | Soil | 16 | 0.27 | 448 | 0.008 | 4 | 0.61 | 0.005 | 0.06 | 0.1 | 0.26 | 2.8 | 0.1 | 0.06 | 2 | 1.6 | <0.2 |
| REP 1219080 | QC | 17 | 0.27 | 449 | 0.007 | 3 | 0.63 | 0.005 | 0.06 | 0.1 | 0.28 | 2.7 | 0.2 | 0.07 | 2 | 1.5 | <0.2 |
| 1219097 | Soil | 40 | 0.48 | 311 | 0.018 | 1 | 1.19 | 0.006 | 0.03 | 0.2 | 0.03 | 2.1 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| REP 1219097 | QC | 39 | 0.47 | 296 | 0.017 | 1 | 1.16 | 0.006 | 0.03 | 0.1 | 0.02 | 2.0 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219112 | Soil | 23 | 0.43 | 183 | 0.032 | 1 | 1.09 | 0.008 | 0.05 | 0.2 | 0.03 | 1.6 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1219112 | QC | 23 | 0.44 | 181 | 0.031 | 1 | 1.10 | 0.008 | 0.05 | 0.2 | 0.04 | 1.5 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219263 | Soil | 22 | 0.38 | 186 | 0.031 | <1 | 1.36 | 0.006 | 0.04 | 0.1 | 0.03 | 2.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1219263 | QC | 23 | 0.38 | 192 | 0.034 | <1 | 1.30 | 0.006 | 0.04 | 0.1 | 0.03 | 2.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219277 | Soil | 20 | 0.30 | 132 | 0.020 | <1 | 0.99 | 0.004 | 0.03 | 0.2 | 0.05 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1219277 | QC | 19 | 0.30 | 135 | 0.020 | <1 | 0.99 | 0.007 | 0.03 | 0.2 | 0.05 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219300 | Soil | 25 | 0.94 | 171 | 0.007 | 1 | 1.55 | 0.005 | 0.05 | <0.1 | 0.03 | 3.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1219300 | QC | 25 | 0.94 | 167 | 0.006 | <1 | 1.56 | 0.005 | 0.04 | <0.1 | 0.03 | 3.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219323 | Soil | 18 | 0.31 | 171 | 0.031 | 1 | 0.99 | 0.006 | 0.04 | <0.1 | 0.03 | 1.8 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| REP 1219323 | QC | 18 | 0.30 | 166 | 0.027 | <1 | 0.93 | 0.006 | 0.03 | <0.1 | 0.03 | 1.7 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 1219331 | Soil | 23 | 0.34 | 260 | 0.023 | 1 | 1.23 | 0.005 | 0.04 | 0.2 | 0.06 | 2.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1219331 | QC | 22 | 0.33 | 251 | 0.022 | <1 | 1.24 | 0.005 | 0.04 | 0.2 | 0.07 | 2.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219613 | Soil | 23 | 0.30 | 171 | 0.017 | 2 | 1.22 | 0.004 | 0.06 | 0.2 | 0.24 | 2.1 | 0.3 | <0.05 | 4 | 0.7 | <0.2 |
| REP 1219613 | QC | 22 | 0.30 | 169 | 0.018 | 1 | 1.23 | 0.004 | 0.06 | 0.3 | 0.22 | 2.2 | 0.3 | <0.05 | 4 | 0.7 | <0.2 |
| 1219625 | Soil | 16 | 0.10 | 247 | 0.004 | 2 | 0.94 | 0.007 | 0.04 | <0.1 | 0.08 | 0.6 | 0.1 | 0.19 | 3 | <0.5 | <0.2 |
| REP 1219625 | QC | 15 | 0.11 | 254 | 0.005 | <1 | 0.95 | 0.008 | 0.04 | <0.1 | 0.09 | 0.6 | <0.1 | 0.17 | 3 | <0.5 | <0.2 |
| 1219652 | Soil | 15 | 0.33 | 63 | 0.011 | <1 | 1.03 | 0.003 | 0.04 | 0.1 | 0.02 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1219652 | QC | 15 | 0.34 | 65 | 0.011 | <1 | 1.11 | 0.003 | 0.04 | 0.1 | 0.01 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219671 | Soil | 15 | 0.27 | 137 | 0.012 | <1 | 0.96 | 0.004 | 0.03 | 0.2 | 0.04 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1219671 | QC | 16 | 0.26 | 142 | 0.014 | <1 | 0.92 | 0.004 | 0.03 | 0.2 | 0.04 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

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



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Project: Arizona

Report Date: August 25, 2011

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QUALITY CONTROL REPORT

WHI11000908.1

| | | 1DX15 Mo ppm | 1DX15 Cu ppm | 1DX15 Pb ppm | 1DX15 Zn ppm | 1DX15 Ag ppm | 1DX15 Ni ppm | 1DX15 Co ppm | 1DX15 Mn ppm | 1DX15 Fe % | 1DX15 As ppm | 1DX15 Au ppb | 1DX15 Th ppm | 1DX15 Sr ppm | 1DX15 Cd ppm | 1DX15 Sb ppm | 1DX15 Bi ppm | 1DX15 V ppm | 1DX15 Ca % | 1DX15 P % | 1DX15 La ppm |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|------------------|-----------------|--------------------|
| | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1219683 | Soil | 0.8 | 28.1 | 16.5 | 57 | <0.1 | 25.8 | 9.7 | 350 | 2.33 | 9.5 | 1.4 | 3.1 | 13 | 0.1 | 0.7 | 0.2 | 24 | 0.13 | 0.052 | 21 |
| REP 1219683 | QC | 0.8 | 28.7 | 16.9 | 60 | <0.1 | 24.9 | 10.1 | 341 | 2.33 | 9.9 | 3.8 | 3.1 | 14 | 0.1 | 0.6 | 0.2 | 26 | 0.13 | 0.053 | 22 |
| 1217148 | Soil | 3.3 | 35.5 | 20.4 | 75 | 0.1 | 22.8 | 10.1 | 294 | 3.04 | 9.9 | 1.2 | 0.7 | 17 | 0.5 | 0.8 | 0.3 | 50 | 0.16 | 0.061 | 17 |
| REP 1217148 | QC | 3.0 | 33.5 | 18.9 | 72 | 0.1 | 21.5 | 9.9 | 274 | 2.88 | 9.4 | 0.8 | 0.6 | 16 | 0.4 | 0.8 | 0.2 | 47 | 0.15 | 0.058 | 16 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | 13.5 | 118.1 | 117.9 | 319 | 1.8 | 40.7 | 8.2 | 609 | 2.47 | 24.2 | 115.8 | 6.1 | 66 | 2.4 | 5.6 | 6.8 | 40 | 0.68 | 0.080 | 13 |
| STD DS8 | Standard | 14.0 | 116.5 | 117.4 | 318 | 1.8 | 38.6 | 7.7 | 613 | 2.41 | 24.2 | 114.7 | 6.9 | 66 | 2.3 | 5.4 | 6.9 | 45 | 0.71 | 0.077 | 15 |
| STD DS8 | Standard | 13.1 | 110.5 | 125.1 | 317 | 1.8 | 36.9 | 7.5 | 605 | 2.47 | 26.0 | 118.3 | 6.7 | 69 | 2.3 | 5.9 | 6.9 | 41 | 0.68 | 0.080 | 12 |
| STD DS8 | Standard | 14.1 | 110.7 | 120.8 | 307 | 1.8 | 38.7 | 7.6 | 599 | 2.46 | 25.5 | 110.6 | 7.0 | 68 | 2.3 | 5.6 | 6.7 | 43 | 0.70 | 0.082 | 13 |
| STD DS8 | Standard | 14.7 | 112.7 | 132.2 | 332 | 1.9 | 39.6 | 7.9 | 647 | 2.65 | 26.3 | 131.4 | 6.9 | 68 | 2.6 | 5.8 | 6.6 | 44 | 0.71 | 0.088 | 16 |
| STD DS8 | Standard | 13.0 | 114.4 | 123.0 | 314 | 1.8 | 39.7 | 7.8 | 639 | 2.53 | 27.4 | 104.0 | 7.2 | 70 | 2.3 | 5.9 | 6.9 | 43 | 0.70 | 0.080 | 16 |
| STD DS8 | Standard | 11.8 | 100.4 | 116.6 | 289 | 1.7 | 33.9 | 6.8 | 577 | 2.24 | 23.7 | 99.1 | 6.7 | 62 | 2.3 | 5.6 | 6.2 | 39 | 0.62 | 0.072 | 15 |
| STD DS8 | Standard | 13.0 | 113.9 | 121.0 | 315 | 1.8 | 38.7 | 7.6 | 609 | 2.43 | 24.7 | 105.8 | 6.5 | 65 | 2.3 | 4.8 | 6.4 | 41 | 0.67 | 0.080 | 14 |
| STD DS8 Expected | | 13.44 | 110 | 123 | 312 | 1.69 | 38.1 | 7.5 | 615 | 2.46 | 26 | 107 | 6.89 | 67.7 | 2.38 | 5.7 | 6.67 | 41.1 | 0.7 | 0.08 | 14.6 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | 0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |



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Project: Arizona
 Report Date: August 25, 2011

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

WHI11000908.1

| | | 1DX15 Cr ppm | 1DX15 Mg % | 1DX15 Ba ppm | 1DX15 Ti % | 1DX15 B ppm | 1DX15 Al % | 1DX15 Na % | 1DX15 K % | 1DX15 W ppm | 1DX15 Hg ppm | 1DX15 Sc ppm | 1DX15 Tl ppm | 1DX15 S % | 1DX15 Ga ppm | 1DX15 Se ppm | 1DX15 Te ppm |
|---------------------|----------|--------------------|------------------|--------------------|------------------|-------------------|------------------|------------------|-----------------|-------------------|--------------------|--------------------|--------------------|-----------------|--------------------|--------------------|--------------------|
| 1219683 | Soil | 20 | 0.32 | 136 | 0.016 | <1 | 0.89 | 0.003 | 0.04 | 0.2 | 0.04 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1219683 | QC | 20 | 0.32 | 141 | 0.018 | <1 | 0.91 | 0.004 | 0.04 | 0.3 | 0.03 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217148 | Soil | 31 | 0.39 | 146 | 0.018 | <1 | 1.57 | 0.006 | 0.04 | 0.1 | 0.06 | 2.1 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| REP 1217148 | QC | 29 | 0.37 | 133 | 0.019 | <1 | 1.55 | 0.006 | 0.04 | 0.2 | 0.04 | 2.1 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| Reference Materials | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | 122 | 0.64 | 270 | 0.115 | 2 | 0.94 | 0.087 | 0.42 | 3.0 | 0.20 | 2.1 | 5.3 | 0.22 | 5 | 4.7 | 5.3 |
| STD DS8 | Standard | 121 | 0.59 | 280 | 0.127 | 3 | 0.93 | 0.092 | 0.40 | 3.0 | 0.21 | 2.4 | 5.2 | 0.17 | 5 | 4.8 | 4.9 |
| STD DS8 | Standard | 117 | 0.61 | 289 | 0.122 | 2 | 0.94 | 0.095 | 0.42 | 3.0 | 0.19 | 2.5 | 5.6 | 0.14 | 5 | 5.4 | 5.3 |
| STD DS8 | Standard | 120 | 0.61 | 291 | 0.124 | 2 | 0.95 | 0.101 | 0.43 | 3.1 | 0.19 | 2.8 | 5.4 | 0.14 | 5 | 4.8 | 5.3 |
| STD DS8 | Standard | 121 | 0.65 | 307 | 0.121 | 3 | 0.98 | 0.089 | 0.42 | 3.2 | 0.21 | 2.5 | 5.9 | 0.18 | 5 | 4.9 | 5.1 |
| STD DS8 | Standard | 118 | 0.63 | 283 | 0.115 | 3 | 0.94 | 0.091 | 0.44 | 3.0 | 0.20 | 2.0 | 5.4 | 0.20 | 5 | 5.4 | 5.0 |
| STD DS8 | Standard | 108 | 0.55 | 265 | 0.106 | 1 | 0.81 | 0.081 | 0.37 | 2.8 | 0.19 | 1.8 | 5.0 | 0.14 | 4 | 4.9 | 5.3 |
| STD DS8 | Standard | 115 | 0.61 | 262 | 0.118 | 2 | 0.88 | 0.083 | 0.42 | 2.7 | 0.17 | 2.1 | 5.2 | 0.14 | 5 | 4.7 | 4.7 |
| STD DS8 Expected | | 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 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |



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Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: July 27, 2011
Report Date: September 26, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS

WHI11000906.1

CLIENT JOB INFORMATION

Project: Oliver
Shipment ID: #2
P.O. Number
Number of Samples: 46

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

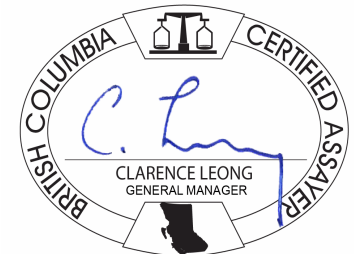
Invoice To: Goldstrike Resources (Petro One Energy Corp)
1300 - 111 West Georgia Street
Vancouver BC V6E 4M3
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

ADDITIONAL COMMENTS



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



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Project: Oliver
 Report Date: September 26, 2011

Page: 2 of 3 Part 1

CERTIFICATE OF ANALYSIS

WHI11000906.1

| | Method Analyte Unit MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm |
| 1219694 | Soil | 0.8 | 19.1 | 10.8 | 58 | <0.1 | 17.3 | 5.9 | 200 | 2.12 | 9.7 | 3.4 | 2.5 | 8 | 0.2 | 0.7 | 0.2 | 28 | 0.06 | 0.043 | 20 |
| 1219695 | Soil | 0.8 | 15.8 | 10.7 | 48 | <0.1 | 14.7 | 5.6 | 180 | 2.01 | 11.5 | 4.5 | 1.8 | 7 | 0.2 | 0.7 | 0.2 | 28 | 0.06 | 0.045 | 18 |
| 1219696 | Soil | 1.0 | 29.0 | 19.4 | 68 | <0.1 | 22.7 | 9.0 | 317 | 2.59 | 12.6 | 2.4 | 3.9 | 9 | 0.1 | 0.8 | 0.3 | 21 | 0.05 | 0.054 | 30 |
| 1219697 | Soil | 0.9 | 21.6 | 13.0 | 65 | <0.1 | 19.6 | 8.1 | 319 | 2.39 | 13.8 | 9.4 | 2.0 | 9 | 0.3 | 0.8 | 0.2 | 35 | 0.09 | 0.061 | 15 |
| 1219698 | Soil | 1.1 | 30.9 | 18.2 | 81 | <0.1 | 29.7 | 14.7 | 600 | 2.74 | 15.4 | 3.3 | 4.5 | 11 | 0.2 | 0.7 | 0.2 | 33 | 0.11 | 0.065 | 26 |
| 1219699 | Soil | 0.8 | 24.1 | 13.3 | 55 | <0.1 | 17.8 | 9.4 | 556 | 2.05 | 11.3 | 5.1 | 2.0 | 9 | 0.2 | 0.5 | 0.2 | 31 | 0.10 | 0.063 | 18 |
| 1219700 | Soil | 0.9 | 17.8 | 9.9 | 44 | <0.1 | 13.8 | 5.9 | 356 | 2.12 | 10.2 | 14.5 | 0.4 | 7 | 0.2 | 0.4 | 0.2 | 34 | 0.07 | 0.081 | 18 |
| 1219701 | Soil | 0.7 | 27.1 | 13.1 | 60 | 0.1 | 19.3 | 9.1 | 301 | 2.53 | 12.4 | 1.9 | 5.0 | 6 | <0.1 | 1.4 | 0.2 | 21 | 0.05 | 0.042 | 30 |
| 1219702 | Soil | 0.7 | 29.5 | 12.4 | 59 | 0.1 | 21.3 | 7.7 | 241 | 2.54 | 9.5 | 1.9 | 2.4 | 7 | 0.1 | 0.6 | 0.2 | 23 | 0.05 | 0.064 | 32 |
| 1219703 | Soil | 0.7 | 13.2 | 11.3 | 33 | <0.1 | 10.4 | 3.7 | 94 | 1.86 | 8.1 | 2.5 | 0.3 | 5 | <0.1 | 0.4 | 0.1 | 28 | 0.03 | 0.059 | 17 |
| 1219704 | Soil | 0.6 | 28.9 | 13.1 | 57 | 0.1 | 20.3 | 9.7 | 428 | 2.50 | 9.2 | 3.8 | 5.6 | 6 | <0.1 | 0.5 | 0.2 | 21 | 0.04 | 0.046 | 32 |
| 1219705 | Soil | 0.9 | 25.9 | 13.6 | 55 | 0.1 | 19.9 | 10.2 | 351 | 2.75 | 9.8 | 2.8 | 3.0 | 6 | <0.1 | 0.5 | 0.2 | 29 | 0.05 | 0.059 | 27 |
| 1219706 | Soil | 0.7 | 23.1 | 8.4 | 55 | 0.1 | 18.1 | 6.9 | 231 | 2.28 | 9.2 | 3.1 | 2.5 | 7 | <0.1 | 0.4 | 0.2 | 25 | 0.07 | 0.055 | 19 |
| 1219707 | Soil | 1.1 | 28.6 | 13.0 | 73 | <0.1 | 25.5 | 8.6 | 260 | 2.80 | 10.4 | 3.6 | 2.6 | 8 | 0.2 | 0.5 | 0.2 | 33 | 0.08 | 0.058 | 26 |
| 1219708 | Soil | 1.1 | 42.1 | 12.7 | 71 | 0.2 | 26.2 | 10.7 | 341 | 3.16 | 11.2 | 4.8 | 3.1 | 8 | 0.1 | 0.5 | 0.4 | 36 | 0.07 | 0.072 | 34 |
| 1219709 | Soil | 0.9 | 23.6 | 10.5 | 62 | <0.1 | 21.2 | 8.6 | 370 | 2.29 | 9.5 | 9.6 | 2.7 | 8 | 0.2 | 0.5 | 0.2 | 32 | 0.08 | 0.056 | 18 |
| 1219710 | Soil | 1.0 | 26.4 | 11.9 | 57 | 0.1 | 18.8 | 7.5 | 255 | 2.35 | 10.6 | 2.9 | 1.6 | 7 | 0.1 | 0.5 | 0.2 | 35 | 0.07 | 0.057 | 18 |
| 1219711 | Soil | 0.8 | 31.5 | 13.7 | 64 | 0.1 | 25.6 | 13.5 | 554 | 2.50 | 11.8 | 2.3 | 3.9 | 8 | 0.1 | 0.5 | 0.2 | 27 | 0.09 | 0.057 | 26 |
| 1219712 | Soil | 0.9 | 31.7 | 14.6 | 69 | 0.2 | 26.3 | 9.4 | 336 | 2.85 | 12.5 | 3.0 | 3.5 | 8 | 0.1 | 0.5 | 0.3 | 32 | 0.09 | 0.067 | 26 |
| 1219713 | Soil | 0.9 | 23.7 | 11.7 | 51 | 0.1 | 16.4 | 6.4 | 217 | 2.13 | 10.4 | 4.6 | 1.0 | 7 | <0.1 | 0.5 | 0.2 | 36 | 0.07 | 0.064 | 18 |
| 1219714 | Soil | 0.4 | 32.9 | 9.2 | 52 | <0.1 | 22.6 | 7.0 | 275 | 2.05 | 5.4 | 1.2 | 5.3 | 7 | 0.1 | 0.3 | 0.2 | 21 | 0.09 | 0.054 | 30 |
| 1219715 | Soil | 0.3 | 13.2 | 7.6 | 46 | <0.1 | 22.8 | 8.9 | 751 | 1.65 | 0.8 | <0.5 | 17.9 | 58 | 0.3 | <0.1 | 0.3 | 8 | 3.20 | 0.064 | 52 |
| 1219716 | Soil | 0.2 | 43.4 | 9.4 | 47 | <0.1 | 23.5 | 9.1 | 715 | 1.78 | 0.5 | 0.7 | 15.7 | 48 | 0.2 | <0.1 | 0.3 | 7 | 2.93 | 0.076 | 38 |
| 1219717 | Soil | 0.3 | 113.9 | 16.5 | 58 | <0.1 | 34.7 | 12.8 | 1036 | 2.40 | 0.6 | 2.5 | 18.9 | 68 | 0.3 | 0.1 | 0.4 | 7 | 1.28 | 0.075 | 45 |
| 1219718 | Soil | 0.5 | 37.4 | 8.8 | 54 | <0.1 | 34.3 | 10.3 | 452 | 2.14 | 2.8 | 1.0 | 4.8 | 11 | 0.1 | 0.2 | 0.2 | 17 | 0.13 | 0.064 | 34 |
| 1219719 | Soil | 0.7 | 26.4 | 11.0 | 51 | <0.1 | 19.6 | 8.3 | 316 | 2.01 | 9.7 | 2.8 | 3.3 | 8 | 0.1 | 0.5 | 0.2 | 24 | 0.09 | 0.048 | 22 |
| 1219720 | Soil | 0.8 | 16.9 | 12.6 | 42 | <0.1 | 15.6 | 6.9 | 222 | 2.03 | 10.6 | 2.2 | 0.9 | 9 | <0.1 | 0.5 | 0.2 | 30 | 0.12 | 0.056 | 13 |
| 1219721 | Soil | 1.7 | 36.1 | 14.9 | 56 | <0.1 | 26.7 | 9.3 | 457 | 2.47 | 8.7 | 9.5 | 4.2 | 8 | <0.1 | 0.2 | 0.3 | 18 | 0.10 | 0.051 | 33 |
| 1219722 | Soil | 0.6 | 31.8 | 8.0 | 51 | <0.1 | 25.6 | 7.2 | 332 | 2.03 | 3.1 | 4.2 | 4.1 | 9 | <0.1 | 0.2 | 0.2 | 16 | 0.09 | 0.045 | 36 |
| 1219723 | Soil | 0.5 | 30.9 | 10.3 | 44 | <0.1 | 19.6 | 7.9 | 603 | 1.88 | 4.6 | 1.8 | 5.2 | 18 | 0.2 | 0.3 | 0.2 | 20 | 0.36 | 0.058 | 26 |

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



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Project: Oliver
 Report Date: September 26, 2011

Page: 2 of 3 Part 2

CERTIFICATE OF ANALYSIS

WHI11000906.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1219694 | Soil | 16 | 0.25 | 87 | 0.015 | <1 | 0.96 | 0.004 | 0.03 | 0.2 | 0.04 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219695 | Soil | 15 | 0.26 | 64 | 0.012 | <1 | 0.90 | 0.003 | 0.03 | 0.1 | 0.04 | 0.8 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1219696 | Soil | 15 | 0.25 | 96 | 0.009 | <1 | 0.80 | 0.004 | 0.04 | 0.1 | 0.05 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219697 | Soil | 20 | 0.32 | 136 | 0.016 | 1 | 1.08 | 0.005 | 0.03 | 0.3 | 0.05 | 1.5 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1219698 | Soil | 22 | 0.45 | 112 | 0.019 | <1 | 1.11 | 0.004 | 0.04 | 0.3 | 0.04 | 1.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219699 | Soil | 19 | 0.31 | 178 | 0.013 | <1 | 1.05 | 0.004 | 0.03 | 0.2 | 0.05 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219700 | Soil | 19 | 0.31 | 158 | 0.009 | <1 | 1.03 | 0.004 | 0.03 | 0.2 | 0.04 | 0.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219701 | Soil | 16 | 0.23 | 131 | 0.005 | <1 | 0.94 | 0.004 | 0.03 | 0.1 | 0.08 | 1.7 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219702 | Soil | 17 | 0.26 | 242 | 0.006 | <1 | 0.99 | 0.004 | 0.02 | 0.1 | 0.05 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219703 | Soil | 15 | 0.20 | 80 | 0.006 | <1 | 0.91 | 0.003 | 0.02 | 0.1 | 0.05 | 0.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219704 | Soil | 16 | 0.28 | 97 | 0.006 | <1 | 1.00 | 0.003 | 0.03 | 0.1 | 0.06 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219705 | Soil | 18 | 0.28 | 131 | 0.010 | <1 | 1.08 | 0.003 | 0.03 | 0.2 | 0.08 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219706 | Soil | 16 | 0.24 | 86 | 0.008 | <1 | 0.85 | 0.003 | 0.03 | 0.1 | 0.06 | 1.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219707 | Soil | 22 | 0.40 | 85 | 0.013 | <1 | 1.22 | 0.004 | 0.03 | 0.2 | 0.04 | 1.3 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1219708 | Soil | 23 | 0.39 | 124 | 0.012 | <1 | 1.35 | 0.004 | 0.03 | 0.2 | 0.06 | 1.7 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1219709 | Soil | 18 | 0.31 | 102 | 0.015 | <1 | 1.02 | 0.004 | 0.03 | 0.3 | 0.05 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219710 | Soil | 21 | 0.34 | 154 | 0.013 | <1 | 1.23 | 0.004 | 0.04 | 0.2 | 0.06 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219711 | Soil | 19 | 0.36 | 106 | 0.012 | <1 | 1.03 | 0.003 | 0.03 | 0.2 | 0.04 | 1.3 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1219712 | Soil | 22 | 0.40 | 117 | 0.013 | <1 | 1.22 | 0.004 | 0.03 | 0.2 | 0.07 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219713 | Soil | 22 | 0.33 | 104 | 0.012 | <1 | 1.17 | 0.004 | 0.03 | 0.2 | 0.06 | 1.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219714 | Soil | 15 | 0.39 | 83 | 0.009 | <1 | 0.96 | 0.002 | 0.02 | <0.1 | 0.03 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219715 | Soil | 11 | 1.45 | 27 | 0.020 | <1 | 0.52 | 0.002 | 0.02 | <0.1 | 0.05 | 1.5 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 1219716 | Soil | 12 | 1.24 | 19 | 0.026 | <1 | 0.52 | 0.002 | 0.02 | <0.1 | 0.04 | 1.5 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 1219717 | Soil | 18 | 1.11 | 74 | 0.005 | <1 | 0.86 | 0.003 | 0.03 | <0.1 | 0.13 | 3.0 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219718 | Soil | 19 | 0.58 | 117 | 0.006 | <1 | 1.09 | 0.003 | 0.03 | <0.1 | 0.03 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219719 | Soil | 16 | 0.32 | 72 | 0.013 | <1 | 0.95 | 0.003 | 0.03 | 0.1 | 0.03 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219720 | Soil | 17 | 0.33 | 81 | 0.011 | <1 | 0.99 | 0.003 | 0.03 | 0.2 | 0.03 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219721 | Soil | 17 | 0.48 | 93 | 0.005 | <1 | 1.04 | 0.003 | 0.02 | <0.1 | 0.04 | 1.2 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1219722 | Soil | 17 | 0.48 | 90 | 0.009 | <1 | 1.02 | 0.003 | 0.03 | <0.1 | 0.04 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219723 | Soil | 15 | 0.45 | 167 | 0.012 | <1 | 0.77 | 0.004 | 0.02 | 0.1 | 0.03 | 1.8 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |

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



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 1300 - 111 West Georgia Street
 Vancouver BC V6E 4M3 Canada

Project: Oliver
 Report Date: September 26, 2011

Page: 3 of 3 Part 1

CERTIFICATE OF ANALYSIS

WHI11000906.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | |
| 1219724 | Soil | 0.9 | 42.2 | 11.6 | 53 | <0.1 | 21.7 | 10.3 | 375 | 2.37 | 7.4 | 2.6 | 4.0 | 7 | <0.1 | 0.4 | 0.2 | 25 | 0.07 | 0.041 | 24 |
| 1219725 | Soil | 0.6 | 25.1 | 9.5 | 48 | <0.1 | 21.4 | 8.4 | 417 | 2.18 | 7.4 | 4.4 | 2.5 | 10 | 0.1 | 0.4 | 0.2 | 26 | 0.10 | 0.045 | 21 |
| 1219726 | Soil | 0.9 | 25.9 | 20.6 | 51 | <0.1 | 19.1 | 6.8 | 238 | 2.24 | 9.8 | 1.6 | 1.3 | 10 | <0.1 | 0.5 | 0.3 | 26 | 0.11 | 0.048 | 20 |
| 1219727 | Soil | 0.7 | 19.4 | 10.4 | 43 | <0.1 | 16.1 | 7.0 | 315 | 2.16 | 10.5 | 2.5 | 1.3 | 8 | 0.1 | 0.5 | 0.2 | 33 | 0.08 | 0.038 | 13 |
| 1219728 | Soil | 0.7 | 14.3 | 9.1 | 35 | <0.1 | 13.4 | 5.6 | 185 | 1.93 | 10.0 | 3.6 | 1.4 | 8 | 0.1 | 0.5 | 0.1 | 32 | 0.09 | 0.049 | 11 |
| 1219729 | Soil | 0.9 | 44.7 | 16.1 | 47 | <0.1 | 24.9 | 8.4 | 497 | 2.42 | 8.0 | 2.5 | 4.3 | 11 | 0.1 | 0.3 | 0.2 | 36 | 0.13 | 0.046 | 23 |
| 1219730 | Soil | 0.4 | 49.4 | 13.3 | 65 | <0.1 | 28.9 | 12.9 | 574 | 2.77 | 2.8 | 1.8 | 16.5 | 16 | 0.2 | 0.2 | 0.4 | 14 | 0.69 | 0.067 | 46 |
| 1219731 | Soil | 0.2 | 73.1 | 7.7 | 50 | <0.1 | 22.6 | 9.3 | 557 | 1.70 | 0.8 | <0.5 | 22.3 | 53 | 0.2 | <0.1 | 0.4 | 8 | 2.45 | 0.075 | 58 |
| 1219732 | Soil | 1.0 | 17.4 | 14.3 | 38 | 0.1 | 15.0 | 5.8 | 242 | 2.23 | 10.9 | 3.6 | 1.0 | 11 | 0.1 | 0.5 | 0.2 | 36 | 0.21 | 0.048 | 15 |
| 1219733 | Soil | 0.7 | 60.3 | 11.9 | 82 | 0.2 | 35.6 | 15.6 | 1224 | 2.92 | 2.4 | 7.3 | 18.3 | 16 | 0.2 | 0.3 | 0.3 | 13 | 0.16 | 0.069 | 41 |
| 1219734 | Soil | 0.8 | 68.7 | 10.5 | 55 | <0.1 | 22.2 | 8.9 | 419 | 2.42 | 8.7 | 2.6 | 5.6 | 11 | 0.1 | 0.5 | 0.2 | 31 | 0.12 | 0.057 | 32 |
| 1219735 | Soil | 0.7 | 41.1 | 9.4 | 62 | <0.1 | 26.8 | 9.4 | 367 | 2.34 | 5.7 | 1.2 | 7.7 | 9 | 0.1 | 0.4 | 0.2 | 25 | 0.09 | 0.044 | 41 |
| 1219736 | Soil | 1.0 | 33.5 | 11.6 | 48 | <0.1 | 17.6 | 8.1 | 282 | 2.21 | 9.5 | 3.6 | 2.4 | 7 | 0.1 | 0.6 | 0.2 | 30 | 0.07 | 0.046 | 21 |
| 1219737 | Soil | 1.0 | 26.1 | 10.2 | 62 | <0.1 | 22.8 | 9.6 | 297 | 2.57 | 9.1 | 1.8 | 3.8 | 9 | 0.1 | 0.5 | 0.2 | 30 | 0.09 | 0.049 | 28 |
| 1219738 | Soil | 0.9 | 31.3 | 13.1 | 65 | <0.1 | 24.1 | 9.9 | 304 | 2.60 | 9.8 | 1.4 | 5.5 | 8 | 0.1 | 0.5 | 0.2 | 27 | 0.07 | 0.047 | 37 |
| 1219739 | Soil | 1.0 | 29.7 | 12.1 | 67 | <0.1 | 25.8 | 11.4 | 336 | 2.57 | 10.5 | 2.8 | 5.3 | 9 | 0.2 | 0.6 | 0.2 | 29 | 0.09 | 0.051 | 27 |



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Project: Oliver
 Report Date: September 26, 2011

Page: 3 of 3 Part 2

CERTIFICATE OF ANALYSIS

WHI11000906.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1219724 | Soil | 18 | 0.37 | 78 | 0.014 | <1 | 1.07 | 0.003 | 0.03 | 0.1 | 0.04 | 1.3 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1219725 | Soil | 16 | 0.42 | 138 | 0.011 | <1 | 1.04 | 0.003 | 0.03 | 0.1 | 0.03 | 1.3 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1219726 | Soil | 17 | 0.39 | 88 | 0.012 | <1 | 0.89 | 0.003 | 0.03 | 0.2 | 0.02 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219727 | Soil | 19 | 0.35 | 91 | 0.015 | <1 | 1.18 | 0.005 | 0.03 | 0.2 | 0.03 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219728 | Soil | 17 | 0.27 | 76 | 0.015 | <1 | 0.99 | 0.003 | 0.02 | 0.2 | 0.04 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219729 | Soil | 20 | 0.45 | 194 | 0.011 | <1 | 1.22 | 0.004 | 0.02 | 0.1 | 0.04 | 2.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219730 | Soil | 13 | 0.69 | 79 | 0.003 | <1 | 1.07 | 0.002 | 0.02 | <0.1 | 0.02 | 2.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219731 | Soil | 10 | 1.07 | 28 | 0.017 | <1 | 0.55 | 0.002 | 0.02 | <0.1 | 0.01 | 2.1 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 1219732 | Soil | 20 | 0.33 | 124 | 0.008 | <1 | 1.13 | 0.004 | 0.03 | 0.2 | 0.05 | 1.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219733 | Soil | 13 | 0.65 | 119 | 0.005 | <1 | 0.92 | 0.003 | 0.03 | <0.1 | 0.10 | 4.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219734 | Soil | 20 | 0.41 | 139 | 0.020 | <1 | 1.15 | 0.004 | 0.03 | 0.1 | 0.07 | 1.9 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1219735 | Soil | 19 | 0.50 | 142 | 0.020 | <1 | 1.19 | 0.004 | 0.03 | 0.1 | 0.07 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219736 | Soil | 19 | 0.35 | 74 | 0.012 | <1 | 1.17 | 0.003 | 0.03 | 0.2 | 0.03 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219737 | Soil | 20 | 0.40 | 94 | 0.015 | <1 | 1.22 | 0.004 | 0.04 | 0.2 | 0.02 | 1.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219738 | Soil | 19 | 0.42 | 96 | 0.012 | <1 | 1.27 | 0.003 | 0.03 | 0.1 | 0.03 | 1.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219739 | Soil | 22 | 0.46 | 123 | 0.018 | <1 | 1.34 | 0.004 | 0.04 | 0.1 | 0.02 | 2.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |



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Project: Oliver

Report Date: September 26, 2011

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

WHI11000906.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 1219701 | Soil | 0.7 | 27.1 | 13.1 | 60 | 0.1 | 19.3 | 9.1 | 301 | 2.53 | 12.4 | 1.9 | 5.0 | 6 | <0.1 | 1.4 | 0.2 | 21 | 0.05 | 0.042 | 30 |
| REP 1219701 | QC | 0.7 | 28.1 | 13.0 | 61 | 0.1 | 19.1 | 8.7 | 302 | 2.54 | 12.3 | 2.6 | 5.2 | 6 | 0.1 | 1.6 | 0.2 | 20 | 0.05 | 0.040 | 29 |
| 1219729 | Soil | 0.9 | 44.7 | 16.1 | 47 | <0.1 | 24.9 | 8.4 | 497 | 2.42 | 8.0 | 2.5 | 4.3 | 11 | 0.1 | 0.3 | 0.2 | 36 | 0.13 | 0.046 | 23 |
| REP 1219729 | QC | 0.8 | 41.4 | 14.6 | 44 | <0.1 | 23.3 | 7.7 | 465 | 2.22 | 7.3 | 3.0 | 4.1 | 10 | 0.1 | 0.3 | 0.2 | 33 | 0.12 | 0.045 | 23 |
| 1219731 | Soil | 0.2 | 73.1 | 7.7 | 50 | <0.1 | 22.6 | 9.3 | 557 | 1.70 | 0.8 | <0.5 | 22.3 | 53 | 0.2 | <0.1 | 0.4 | 8 | 2.45 | 0.075 | 58 |
| REP 1219731 | QC | 0.2 | 75.4 | 8.0 | 52 | <0.1 | 24.6 | 9.9 | 576 | 1.80 | 0.7 | 0.7 | 22.0 | 54 | 0.2 | <0.1 | 0.5 | 9 | 2.54 | 0.080 | 63 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | 12.7 | 110.9 | 113.9 | 297 | 1.9 | 38.6 | 7.5 | 584 | 2.34 | 23.7 | 101.6 | 5.8 | 57 | 2.4 | 4.7 | 5.7 | 43 | 0.65 | 0.080 | 13 |
| STD DS8 | Standard | 13.3 | 114.0 | 125.7 | 321 | 1.9 | 39.7 | 8.1 | 622 | 2.54 | 24.9 | 116.3 | 6.6 | 65 | 2.3 | 5.5 | 6.5 | 43 | 0.70 | 0.080 | 15 |
| STD DS8 Expected | | 13.44 | 110 | 123 | 312 | 1.69 | 38.1 | 7.5 | 615 | 2.46 | 26 | 107 | 6.89 | 67.7 | 2.38 | 5.7 | 6.67 | 41.1 | 0.7 | 0.08 | 14.6 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |



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Project: Oliver

Report Date: September 26, 2011

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI11000906.1

| Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------------------|----------|-------|--------|-------|--------|-------|-------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| Analyte | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | |
| Unit | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | |
| 1219701 | Soil | 16 | 0.23 | 131 | 0.005 | <1 | 0.94 | 0.004 | 0.03 | 0.1 | 0.08 | 1.7 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| REP 1219701 | QC | 16 | 0.23 | 127 | 0.005 | <1 | 0.94 | 0.003 | 0.03 | 0.1 | 0.07 | 1.6 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219729 | Soil | 20 | 0.45 | 194 | 0.011 | <1 | 1.22 | 0.004 | 0.02 | 0.1 | 0.04 | 2.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1219729 | QC | 19 | 0.42 | 177 | 0.012 | <1 | 1.17 | 0.004 | 0.02 | 0.2 | 0.03 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219731 | Soil | 10 | 1.07 | 28 | 0.017 | <1 | 0.55 | 0.002 | 0.02 | <0.1 | 0.01 | 2.1 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| REP 1219731 | QC | 11 | 1.13 | 30 | 0.020 | <1 | 0.58 | 0.002 | 0.02 | <0.1 | 0.02 | 2.0 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| Reference Materials | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | 116 | 0.60 | 268 | 0.110 | 2 | 0.88 | 0.085 | 0.38 | 2.8 | 0.21 | 2.2 | 5.2 | 0.15 | 4 | 5.1 | 4.9 |
| STD DS8 | Standard | 121 | 0.64 | 280 | 0.118 | 2 | 0.92 | 0.084 | 0.42 | 3.3 | 0.20 | 2.2 | 5.5 | 0.17 | 5 | 5.0 | 5.1 |
| STD DS8 Expected | | 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 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |



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Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: July 27, 2011
Report Date: October 27, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS

WHI11000905.1

CLIENT JOB INFORMATION

Project: Oliver
Shipment ID: #2
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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: Goldstrike Resources (Petro One Energy Corp)
1300 - 111 West Georgia Street
Vancouver BC V6E 4M3
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

ADDITIONAL COMMENTS



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



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Project: Oliver
 Report Date: October 27, 2011

Page: 2 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000905.1

| Method | Analyte | Unit | MDL | 1DX15 Mo | 1DX15 Cu | 1DX15 Pb | 1DX15 Zn | 1DX15 Ag | 1DX15 Ni | 1DX15 Co | 1DX15 Mn | 1DX15 Fe | 1DX15 As | 1DX15 Au | 1DX15 Th | 1DX15 Sr | 1DX15 Cd | 1DX15 Sb | 1DX15 Bi | 1DX15 V | 1DX15 Ca | 1DX15 P | 1DX15 La |
|---------|---------|------|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|------------|-------------|
| | | | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm |
| | | | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1217661 | Soil | | | 1.1 | 19.1 | 13.4 | 50 | <0.1 | 17.8 | 8.6 | 318 | 2.50 | 14.3 | 2.4 | 3.3 | 6 | 0.1 | 1.5 | 0.3 | 37 | 0.04 | 0.033 | 16 |
| 1217662 | Soil | | | 1.0 | 18.1 | 16.1 | 48 | <0.1 | 17.1 | 8.9 | 364 | 2.36 | 9.6 | 3.2 | 1.9 | 7 | 0.2 | 1.3 | 0.2 | 38 | 0.08 | 0.036 | 17 |
| 1217663 | Soil | | | 0.7 | 15.5 | 10.1 | 41 | <0.1 | 13.1 | 6.8 | 219 | 1.73 | 8.1 | 2.6 | 1.0 | 10 | 0.1 | 0.6 | 0.2 | 34 | 0.10 | 0.048 | 14 |
| 1217664 | Soil | | | 1.1 | 24.3 | 19.3 | 60 | <0.1 | 18.9 | 8.1 | 353 | 1.92 | 11.7 | 4.2 | 4.7 | 9 | 0.1 | 0.8 | 0.2 | 31 | 0.06 | 0.027 | 19 |
| 1217665 | Soil | | | 1.1 | 18.1 | 11.1 | 51 | <0.1 | 18.5 | 8.9 | 302 | 2.07 | 9.3 | 3.0 | 3.7 | 7 | 0.1 | 0.7 | 0.2 | 34 | 0.06 | 0.036 | 17 |
| 1217666 | Soil | | | 1.0 | 21.5 | 19.3 | 53 | <0.1 | 18.7 | 9.0 | 372 | 2.12 | 10.2 | 2.1 | 4.1 | 8 | 0.1 | 0.7 | 0.2 | 37 | 0.07 | 0.033 | 17 |
| 1217667 | Soil | | | 0.9 | 20.4 | 10.8 | 48 | <0.1 | 18.2 | 8.5 | 249 | 2.02 | 10.8 | 1.6 | 3.7 | 6 | 0.1 | 0.7 | 0.2 | 34 | 0.06 | 0.038 | 13 |
| 1217668 | Soil | | | 0.8 | 9.5 | 11.4 | 37 | <0.1 | 11.6 | 4.4 | 144 | 2.12 | 11.4 | 1.5 | 3.0 | 5 | <0.1 | 0.6 | 0.2 | 37 | 0.04 | 0.022 | 11 |
| 1217669 | Soil | | | 0.8 | 21.8 | 9.8 | 47 | <0.1 | 17.5 | 6.9 | 217 | 1.90 | 7.5 | 2.1 | 2.8 | 7 | <0.1 | 0.6 | 0.2 | 29 | 0.06 | 0.023 | 19 |
| 1217670 | Soil | | | 0.9 | 14.6 | 10.4 | 51 | <0.1 | 14.0 | 5.7 | 164 | 2.19 | 10.1 | 3.5 | 3.4 | 7 | <0.1 | 0.6 | 0.2 | 40 | 0.07 | 0.045 | 14 |
| 1217671 | Soil | | | 1.0 | 12.4 | 10.4 | 38 | <0.1 | 14.4 | 5.1 | 164 | 1.99 | 9.6 | 1.7 | 1.5 | 6 | <0.1 | 0.6 | 0.2 | 39 | 0.06 | 0.032 | 14 |
| 1217672 | Soil | | | 0.6 | 8.5 | 12.1 | 20 | <0.1 | 7.9 | 2.3 | 67 | 1.64 | 6.4 | 2.0 | 0.4 | 5 | <0.1 | 0.3 | 0.2 | 37 | 0.03 | 0.055 | 16 |
| 1217673 | Soil | | | 0.9 | 24.1 | 11.1 | 46 | <0.1 | 19.2 | 9.4 | 340 | 2.31 | 10.4 | 3.8 | 3.5 | 8 | 0.1 | 0.7 | 0.2 | 38 | 0.08 | 0.040 | 14 |
| 1217674 | Soil | | | 0.7 | 12.3 | 9.6 | 36 | <0.1 | 13.7 | 4.9 | 144 | 1.86 | 9.4 | 1.5 | 1.1 | 6 | <0.1 | 0.6 | 0.1 | 27 | 0.06 | 0.040 | 10 |
| 1217675 | Soil | | | 0.8 | 9.9 | 9.9 | 31 | <0.1 | 10.2 | 3.9 | 105 | 1.74 | 7.6 | 1.1 | 1.0 | 6 | <0.1 | 0.4 | 0.2 | 36 | 0.06 | 0.039 | 16 |
| 1217676 | Soil | | | 0.9 | 15.0 | 11.3 | 42 | <0.1 | 13.5 | 5.0 | 150 | 1.86 | 7.9 | 7.1 | 0.4 | 7 | <0.1 | 0.5 | 0.2 | 34 | 0.07 | 0.046 | 14 |
| 1217677 | Soil | | | 0.6 | 8.2 | 10.3 | 20 | <0.1 | 7.1 | 2.1 | 55 | 1.29 | 6.0 | 1.7 | 0.3 | 6 | <0.1 | 0.3 | 0.2 | 29 | 0.04 | 0.041 | 10 |
| 1217678 | Soil | | | 1.0 | 14.9 | 16.2 | 28 | <0.1 | 9.8 | 3.0 | 67 | 1.75 | 8.3 | 1.9 | 0.2 | 7 | <0.1 | 0.4 | 0.2 | 38 | 0.05 | 0.055 | 12 |
| 1217679 | Soil | | | 0.9 | 14.4 | 10.7 | 41 | <0.1 | 13.6 | 5.0 | 137 | 1.94 | 10.1 | 2.0 | 1.6 | 7 | <0.1 | 0.5 | 0.2 | 34 | 0.07 | 0.042 | 13 |
| 1217680 | Soil | | | 0.7 | 15.9 | 12.3 | 51 | <0.1 | 15.4 | 7.4 | 253 | 1.85 | 8.2 | 3.2 | 1.5 | 7 | 0.1 | 0.6 | 0.2 | 30 | 0.06 | 0.034 | 15 |
| 1217681 | Soil | | | 0.7 | 10.7 | 43.3 | 53 | <0.1 | 11.6 | 4.2 | 162 | 1.39 | 17.2 | 3.2 | 0.5 | 6 | 0.2 | 0.5 | 0.1 | 26 | 0.05 | 0.032 | 13 |
| 1217682 | Soil | | | 1.0 | 4.5 | 17.3 | 21 | <0.1 | 4.7 | 1.6 | 59 | 1.50 | 6.6 | 1.1 | 0.2 | 6 | 0.2 | 0.3 | 0.2 | 41 | 0.05 | 0.033 | 11 |
| 1217683 | Soil | | | 0.9 | 11.5 | 25.1 | 22 | 0.1 | 8.2 | 1.9 | 47 | 1.19 | 9.5 | 1.6 | 0.2 | 6 | 0.2 | 0.3 | 0.2 | 24 | 0.05 | 0.047 | 10 |
| 1217684 | Soil | | | 1.0 | 10.5 | 12.8 | 42 | <0.1 | 11.9 | 5.3 | 183 | 2.04 | 8.4 | 8.1 | 3.3 | 6 | 0.1 | 0.6 | 0.2 | 32 | 0.05 | 0.030 | 12 |
| 1217685 | Soil | | | 0.9 | 44.1 | 303.2 | 438 | 2.7 | 21.1 | 7.5 | 1164 | 3.12 | 35.4 | 3.1 | 10.3 | 14 | 0.8 | 1.7 | 0.4 | 20 | 0.17 | 0.030 | 34 |
| 1217686 | Soil | | | 0.7 | 12.1 | 15.0 | 43 | <0.1 | 12.0 | 4.2 | 110 | 1.75 | 7.5 | 1.6 | 0.5 | 8 | <0.1 | 0.4 | 0.2 | 29 | 0.08 | 0.045 | 14 |
| 1217687 | Soil | | | 0.7 | 12.4 | 24.3 | 62 | 0.1 | 13.4 | 4.3 | 118 | 1.54 | 9.5 | 2.0 | 0.5 | 16 | 0.2 | 0.4 | 0.2 | 27 | 0.21 | 0.034 | 14 |
| 1217688 | Soil | | | 0.6 | 13.3 | 15.0 | 46 | <0.1 | 11.4 | 3.7 | 99 | 1.52 | 8.3 | 1.5 | 0.5 | 8 | 0.2 | 0.4 | 0.3 | 27 | 0.10 | 0.045 | 14 |
| 1217689 | Soil | | | 0.8 | 16.8 | 14.8 | 49 | 0.1 | 17.7 | 7.0 | 221 | 2.19 | 10.4 | 2.6 | 3.0 | 18 | <0.1 | 0.5 | 0.2 | 33 | 0.20 | 0.071 | 14 |
| 1217690 | Soil | | | 0.7 | 8.2 | 11.0 | 30 | <0.1 | 9.4 | 3.9 | 130 | 1.85 | 8.1 | 2.4 | 0.6 | 6 | <0.1 | 0.4 | 0.2 | 36 | 0.06 | 0.038 | 10 |



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Project: Oliver
 Report Date: October 27, 2011

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CERTIFICATE OF ANALYSIS

WHI11000905.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1217661 | Soil | 28 | 0.28 | 81 | 0.024 | 2 | 1.10 | 0.002 | 0.03 | 0.1 | 0.02 | 1.5 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217662 | Soil | 25 | 0.31 | 68 | 0.022 | 1 | 0.97 | 0.003 | 0.03 | 0.1 | 0.02 | 1.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217663 | Soil | 19 | 0.27 | 131 | 0.021 | 1 | 1.00 | 0.004 | 0.03 | 0.1 | 0.03 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217664 | Soil | 18 | 0.33 | 263 | 0.019 | 1 | 1.01 | 0.004 | 0.04 | 0.2 | 0.04 | 2.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217665 | Soil | 22 | 0.34 | 138 | 0.018 | <1 | 1.08 | 0.004 | 0.03 | 0.2 | 0.03 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217666 | Soil | 21 | 0.37 | 190 | 0.023 | 1 | 1.18 | 0.006 | 0.04 | 0.2 | 0.02 | 2.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217667 | Soil | 22 | 0.34 | 83 | 0.019 | <1 | 1.25 | 0.003 | 0.03 | 0.2 | 0.03 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217668 | Soil | 19 | 0.26 | 49 | 0.029 | <1 | 0.88 | 0.003 | 0.03 | 0.2 | 0.02 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217669 | Soil | 19 | 0.35 | 121 | 0.019 | <1 | 1.02 | 0.005 | 0.03 | 0.2 | 0.02 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217670 | Soil | 23 | 0.33 | 119 | 0.022 | <1 | 1.22 | 0.004 | 0.03 | 0.2 | 0.03 | 2.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217671 | Soil | 21 | 0.29 | 69 | 0.026 | 2 | 0.95 | 0.003 | 0.03 | 0.2 | <0.01 | 1.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217672 | Soil | 20 | 0.19 | 60 | 0.013 | <1 | 0.93 | 0.003 | 0.02 | <0.1 | 0.03 | 0.6 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1217673 | Soil | 24 | 0.39 | 121 | 0.023 | <1 | 1.30 | 0.005 | 0.03 | 0.2 | 0.07 | 2.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217674 | Soil | 17 | 0.25 | 66 | 0.012 | <1 | 0.92 | 0.003 | 0.02 | 0.2 | 0.03 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217675 | Soil | 20 | 0.24 | 92 | 0.021 | <1 | 1.04 | 0.004 | 0.02 | 0.1 | 0.01 | 1.4 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217676 | Soil | 22 | 0.28 | 96 | 0.013 | <1 | 1.03 | 0.003 | 0.03 | 0.1 | 0.04 | 0.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217677 | Soil | 16 | 0.15 | 57 | 0.007 | <1 | 0.71 | 0.004 | 0.02 | <0.1 | 0.04 | 0.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217678 | Soil | 20 | 0.22 | 99 | 0.010 | <1 | 1.08 | 0.005 | 0.03 | 0.1 | 0.03 | 0.4 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1217679 | Soil | 21 | 0.29 | 94 | 0.017 | <1 | 1.02 | 0.003 | 0.03 | 0.2 | 0.02 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217680 | Soil | 17 | 0.30 | 122 | 0.014 | <1 | 0.97 | 0.004 | 0.03 | 0.1 | 0.02 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217681 | Soil | 17 | 0.23 | 72 | 0.009 | <1 | 0.87 | 0.003 | 0.02 | 0.1 | 0.02 | 0.6 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217682 | Soil | 18 | 0.13 | 61 | 0.015 | <1 | 0.80 | 0.004 | 0.03 | <0.1 | 0.03 | 0.5 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1217683 | Soil | 14 | 0.13 | 78 | 0.006 | <1 | 0.69 | 0.004 | 0.02 | 0.1 | 0.04 | 0.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217684 | Soil | 21 | 0.26 | 75 | 0.018 | <1 | 1.13 | 0.004 | 0.03 | 0.2 | 0.03 | 1.3 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217685 | Soil | 20 | 0.45 | 124 | 0.003 | <1 | 1.52 | 0.003 | 0.05 | <0.1 | 0.04 | 1.4 | 0.3 | <0.05 | 4 | <0.5 | <0.2 |
| 1217686 | Soil | 19 | 0.28 | 88 | 0.012 | <1 | 1.03 | 0.004 | 0.02 | 0.1 | 0.03 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217687 | Soil | 18 | 0.28 | 124 | 0.011 | <1 | 0.99 | 0.004 | 0.03 | 0.1 | 0.02 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217688 | Soil | 17 | 0.24 | 77 | 0.009 | <1 | 0.97 | 0.003 | 0.03 | 0.2 | 0.03 | 0.6 | 0.1 | 0.06 | 3 | <0.5 | <0.2 |
| 1217689 | Soil | 20 | 0.33 | 161 | 0.015 | <1 | 1.19 | 0.004 | 0.03 | 0.2 | 0.03 | 1.6 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217690 | Soil | 20 | 0.23 | 70 | 0.013 | <1 | 1.01 | 0.003 | 0.02 | 0.2 | 0.04 | 0.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |

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Project: Oliver
Report Date: October 27, 2011

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CERTIFICATE OF ANALYSIS

WHI11000905.1

| 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 | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | | | | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | | |
| | | | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1217691 | Soil | | | 1.3 | 24.5 | 24.8 | 49 | <0.1 | 16.2 | 7.6 | 253 | 2.72 | 9.3 | 2.4 | 3.5 | 10 | 0.1 | 0.9 | 0.3 | 31 | 0.06 | 0.034 | 23 |
| 1217692 | Soil | | | 1.2 | 13.8 | 16.1 | 49 | <0.1 | 12.0 | 5.0 | 154 | 2.02 | 10.2 | <0.5 | 0.7 | 9 | 0.1 | 0.5 | 0.3 | 47 | 0.08 | 0.053 | 14 |
| 1217693 | Soil | | | 1.2 | 7.1 | 12.7 | 30 | <0.1 | 8.8 | 3.1 | 110 | 1.86 | 9.7 | 1.2 | 2.3 | 5 | <0.1 | 0.6 | 0.2 | 59 | 0.05 | 0.032 | 13 |
| 1217694 | Soil | | | 1.0 | 25.3 | 34.5 | 78 | <0.1 | 17.6 | 10.3 | 460 | 2.54 | 13.6 | 4.6 | 1.0 | 12 | 0.2 | 0.8 | 0.4 | 41 | 0.11 | 0.063 | 14 |
| 1217695 | Soil | | | 0.5 | 11.2 | 11.8 | 32 | <0.1 | 8.8 | 2.7 | 77 | 1.21 | 6.0 | 2.0 | 0.3 | 5 | 0.1 | 0.4 | 0.2 | 24 | 0.05 | 0.042 | 12 |
| 1217696 | Soil | | | 0.7 | 12.2 | 12.4 | 44 | <0.1 | 13.2 | 5.8 | 150 | 2.15 | 9.7 | 2.9 | 3.4 | 7 | <0.1 | 0.5 | 0.2 | 43 | 0.07 | 0.025 | 14 |
| 1217697 | Soil | | | 1.2 | 15.4 | 13.7 | 55 | <0.1 | 16.3 | 7.0 | 230 | 2.51 | 11.8 | 3.0 | 3.9 | 6 | 0.2 | 0.8 | 0.3 | 45 | 0.05 | 0.022 | 13 |
| 1217698 | Soil | | | 0.9 | 18.9 | 13.1 | 79 | <0.1 | 20.2 | 10.5 | 355 | 2.37 | 12.0 | 4.1 | 4.8 | 8 | 0.4 | 0.8 | 0.2 | 43 | 0.08 | 0.039 | 12 |
| 1217699 | Soil | | | 0.8 | 18.5 | 10.4 | 81 | <0.1 | 16.3 | 5.9 | 203 | 1.79 | 10.0 | 2.0 | 1.8 | 9 | 0.3 | 0.6 | 0.2 | 29 | 0.11 | 0.046 | 12 |
| 1217700 | Soil | | | 0.9 | 13.9 | 30.7 | 88 | <0.1 | 15.1 | 6.7 | 224 | 2.34 | 15.0 | 3.0 | 3.2 | 7 | 0.2 | 0.6 | 0.2 | 39 | 0.08 | 0.046 | 13 |
| 1217701 | Soil | | | 0.7 | 10.1 | 17.6 | 36 | <0.1 | 8.0 | 2.9 | 81 | 1.81 | 12.4 | 1.1 | 1.2 | 5 | 0.1 | 0.4 | 0.2 | 39 | 0.05 | 0.050 | 11 |
| 1217702 | Soil | | | 0.8 | 18.5 | 48.5 | 184 | 0.2 | 18.1 | 8.3 | 327 | 1.84 | 41.1 | 4.2 | 1.7 | 10 | 1.8 | 0.8 | 0.2 | 26 | 0.12 | 0.053 | 14 |
| 1217703 | Soil | | | 0.8 | 7.8 | 32.2 | 100 | <0.1 | 11.1 | 3.2 | 112 | 1.30 | 9.4 | 1.5 | 0.6 | 7 | 0.5 | 0.4 | 0.1 | 24 | 0.06 | 0.032 | 14 |
| 1217704 | Soil | | | 1.1 | 21.4 | 28.1 | 97 | <0.1 | 19.1 | 8.9 | 325 | 2.03 | 26.2 | 1.4 | 3.2 | 9 | 0.3 | 0.7 | 0.2 | 36 | 0.09 | 0.049 | 15 |
| 1217705 | Soil | | | 0.9 | 16.0 | 17.7 | 70 | <0.1 | 15.7 | 7.2 | 229 | 2.01 | 10.3 | 1.8 | 4.7 | 9 | 0.2 | 0.6 | 0.2 | 38 | 0.07 | 0.031 | 20 |
| 1217706 | Soil | | | 0.9 | 10.2 | 18.0 | 54 | <0.1 | 12.2 | 5.5 | 199 | 2.60 | 12.4 | 6.2 | 2.9 | 6 | 0.2 | 0.6 | 0.2 | 42 | 0.05 | 0.035 | 12 |
| 1217707 | Soil | | | 0.9 | 15.9 | 20.5 | 102 | <0.1 | 14.8 | 7.6 | 242 | 2.25 | 15.5 | 3.1 | 4.9 | 6 | 0.4 | 0.6 | 0.2 | 38 | 0.05 | 0.023 | 17 |
| 1217708 | Soil | | | 1.2 | 16.7 | 48.0 | 255 | <0.1 | 18.5 | 9.8 | 466 | 2.47 | 47.0 | 1.0 | 1.0 | 6 | 0.6 | 0.7 | 0.4 | 35 | 0.06 | 0.032 | 14 |
| 1217709 | Soil | | | 1.1 | 19.4 | 40.0 | 170 | 0.1 | 19.0 | 7.6 | 241 | 2.39 | 28.9 | 3.6 | 5.0 | 8 | 0.5 | 0.6 | 0.3 | 39 | 0.07 | 0.039 | 16 |
| 1217710 | Soil | | | 1.0 | 36.5 | 51.0 | 167 | 0.3 | 13.2 | 6.0 | 243 | 2.11 | 50.5 | 2.3 | 1.2 | 8 | 0.7 | 0.5 | 0.6 | 36 | 0.07 | 0.041 | 14 |
| 1217711 | Soil | | | 1.0 | 31.5 | 25.1 | 116 | 0.1 | 17.8 | 8.5 | 278 | 2.17 | 19.1 | 5.0 | 2.9 | 10 | 0.3 | 0.6 | 0.3 | 38 | 0.08 | 0.041 | 17 |
| 1217712 | Soil | | | 1.4 | 76.0 | 126.7 | 602 | 0.8 | 32.2 | 11.3 | 517 | 2.80 | 58.5 | 2.5 | 6.9 | 21 | 4.1 | 0.6 | 2.6 | 41 | 0.19 | 0.048 | 24 |
| 1217713 | Soil | | | 1.1 | 127.6 | 143.3 | 1163 | 1.4 | 25.0 | 10.6 | 594 | 4.44 | 178.4 | 19.9 | 6.2 | 17 | 10.0 | 0.8 | 5.1 | 33 | 0.18 | 0.045 | 17 |
| 1218138 | Soil | | | 0.4 | 44.8 | 11.4 | 65 | <0.1 | 29.6 | 10.2 | 545 | 2.50 | 6.1 | 4.8 | 10.2 | 10 | 0.1 | 0.2 | 0.4 | 17 | 0.15 | 0.062 | 41 |
| 1218139 | Soil | | | 1.1 | 31.2 | 16.6 | 50 | <0.1 | 20.7 | 9.0 | 444 | 2.40 | 9.1 | 1.7 | 3.9 | 6 | 0.1 | 0.3 | 0.3 | 19 | 0.06 | 0.046 | 29 |
| 1218140 | Soil | | | 0.7 | 28.7 | 14.0 | 55 | <0.1 | 23.2 | 9.6 | 162 | 2.47 | 9.0 | 2.7 | 7.6 | 9 | 0.1 | 0.5 | 0.2 | 25 | 0.13 | 0.047 | 28 |
| 1218141 | 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. |
| 1218142 | Soil | | | 1.2 | 35.8 | 14.2 | 71 | <0.1 | 27.2 | 10.2 | 341 | 2.46 | 10.1 | 1.8 | 4.3 | 12 | 0.2 | 0.7 | 0.2 | 32 | 0.14 | 0.072 | 29 |
| 1218143 | Soil | | | 0.9 | 20.7 | 13.3 | 43 | <0.1 | 17.6 | 6.3 | 229 | 1.75 | 5.8 | 1.6 | 0.8 | 8 | <0.1 | 0.3 | 0.2 | 22 | 0.07 | 0.060 | 23 |
| 1218144 | Soil | | | 1.1 | 25.1 | 14.4 | 59 | <0.1 | 21.9 | 8.8 | 376 | 2.31 | 9.9 | 0.6 | 3.3 | 8 | 0.1 | 0.6 | 0.2 | 30 | 0.09 | 0.052 | 22 |



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Project: Oliver
 Report Date: October 27, 2011

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CERTIFICATE OF ANALYSIS

WHI11000905.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1217691 | Soil | 22 | 0.32 | 76 | 0.013 | <1 | 1.06 | 0.004 | 0.03 | 0.1 | 0.03 | 1.2 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1217692 | Soil | 23 | 0.26 | 125 | 0.021 | <1 | 1.40 | 0.004 | 0.04 | 0.2 | 0.04 | 1.4 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1217693 | Soil | 16 | 0.17 | 56 | 0.032 | <1 | 0.87 | 0.003 | 0.03 | 0.2 | 0.02 | 1.0 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 1217694 | Soil | 27 | 0.38 | 175 | 0.016 | <1 | 1.47 | 0.005 | 0.04 | 0.1 | 0.04 | 1.4 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1217695 | Soil | 15 | 0.20 | 56 | 0.010 | <1 | 0.74 | 0.003 | 0.02 | 0.1 | 0.03 | 0.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217696 | Soil | 25 | 0.35 | 122 | 0.027 | <1 | 1.22 | 0.004 | 0.03 | 0.2 | 0.03 | 2.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217697 | Soil | 26 | 0.36 | 139 | 0.026 | 2 | 1.42 | 0.004 | 0.03 | 0.2 | 0.03 | 2.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217698 | Soil | 26 | 0.39 | 122 | 0.032 | 2 | 1.52 | 0.006 | 0.04 | 0.2 | 0.05 | 1.9 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217699 | Soil | 18 | 0.29 | 82 | 0.018 | 1 | 0.90 | 0.004 | 0.03 | 0.2 | 0.02 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217700 | Soil | 25 | 0.36 | 89 | 0.020 | 2 | 1.32 | 0.004 | 0.03 | 0.2 | 0.05 | 1.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217701 | Soil | 19 | 0.23 | 70 | 0.018 | <1 | 0.99 | 0.003 | 0.03 | 0.2 | 0.03 | 1.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217702 | Soil | 16 | 0.27 | 104 | 0.016 | 1 | 0.89 | 0.004 | 0.04 | 0.2 | 0.04 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217703 | Soil | 15 | 0.22 | 74 | 0.009 | <1 | 0.75 | 0.003 | 0.03 | 0.1 | 0.02 | 0.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217704 | Soil | 22 | 0.35 | 107 | 0.027 | <1 | 1.06 | 0.004 | 0.05 | 0.2 | 0.03 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217705 | Soil | 23 | 0.35 | 192 | 0.024 | 1 | 1.27 | 0.004 | 0.04 | 0.2 | 0.03 | 2.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217706 | Soil | 23 | 0.31 | 71 | 0.025 | <1 | 1.06 | 0.004 | 0.03 | 0.2 | 0.03 | 1.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217707 | Soil | 23 | 0.32 | 152 | 0.024 | <1 | 1.27 | 0.004 | 0.04 | 0.2 | 0.05 | 2.5 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217708 | Soil | 19 | 0.34 | 69 | 0.014 | 1 | 1.11 | 0.003 | 0.05 | 0.1 | 0.03 | 0.8 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| 1217709 | Soil | 25 | 0.47 | 148 | 0.024 | <1 | 1.44 | 0.005 | 0.05 | 0.2 | 0.03 | 1.9 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| 1217710 | Soil | 20 | 0.28 | 128 | 0.015 | <1 | 1.12 | 0.004 | 0.04 | 0.3 | 0.04 | 1.2 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217711 | Soil | 23 | 0.36 | 210 | 0.024 | <1 | 1.21 | 0.006 | 0.04 | 0.2 | 0.05 | 2.5 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217712 | Soil | 28 | 0.46 | 193 | 0.027 | <1 | 1.53 | 0.007 | 0.08 | 0.7 | 0.03 | 2.5 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| 1217713 | Soil | 25 | 0.42 | 200 | 0.028 | <1 | 1.34 | 0.010 | 0.08 | 1.0 | 0.05 | 2.5 | 0.2 | 0.07 | 5 | <0.5 | <0.2 |
| 1218138 | Soil | 17 | 0.57 | 106 | 0.008 | <1 | 1.06 | 0.003 | 0.03 | <0.1 | 0.09 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218139 | Soil | 15 | 0.30 | 98 | 0.005 | <1 | 0.87 | 0.003 | 0.03 | <0.1 | 0.04 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218140 | Soil | 19 | 0.44 | 101 | 0.013 | <1 | 1.10 | 0.003 | 0.03 | 0.2 | 0.04 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218141 | 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. |
| 1218142 | Soil | 21 | 0.40 | 91 | 0.018 | <1 | 1.14 | 0.004 | 0.04 | 0.3 | 0.05 | 1.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218143 | Soil | 18 | 0.30 | 70 | 0.013 | <1 | 0.99 | 0.013 | 0.04 | 0.2 | 0.03 | 0.7 | <0.1 | 0.07 | 4 | <0.5 | <0.2 |
| 1218144 | Soil | 19 | 0.33 | 83 | 0.015 | <1 | 1.03 | 0.003 | 0.03 | 0.3 | 0.06 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

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Project: Oliver
 Report Date: October 27, 2011

Page: 4 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000905.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | MDL | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1218145 | Soil | 1.2 | 23.3 | 13.9 | 60 | <0.1 | 21.6 | 9.1 | 445 | 2.41 | 10.7 | 2.7 | 2.0 | 8 | 0.1 | 0.8 | 0.2 | 33 | 0.09 | 0.056 | 20 |
| 1218146 | Soil | 1.2 | 17.8 | 11.8 | 52 | <0.1 | 16.5 | 6.1 | 287 | 2.25 | 10.3 | 3.6 | 1.2 | 6 | <0.1 | 0.6 | 0.2 | 37 | 0.05 | 0.043 | 15 |
| 1218147 | Soil | 1.1 | 15.7 | 11.2 | 49 | <0.1 | 15.1 | 6.0 | 237 | 2.09 | 9.7 | 4.3 | 1.0 | 7 | 0.1 | 0.6 | 0.2 | 34 | 0.06 | 0.042 | 16 |
| 1218148 | Soil | 1.1 | 19.3 | 11.1 | 57 | <0.1 | 17.9 | 6.5 | 233 | 2.22 | 9.7 | 6.6 | 2.0 | 7 | 0.1 | 0.6 | 0.2 | 36 | 0.07 | 0.050 | 16 |
| 1218149 | Soil | 1.0 | 22.6 | 10.0 | 57 | <0.1 | 19.2 | 6.1 | 233 | 2.15 | 9.5 | 1.7 | 2.4 | 8 | 0.1 | 0.6 | 0.2 | 30 | 0.09 | 0.051 | 17 |
| 1218150 | Soil | 1.0 | 14.5 | 10.6 | 50 | <0.1 | 15.4 | 5.3 | 185 | 2.07 | 10.3 | 24.5 | 1.4 | 6 | <0.1 | 0.6 | 0.2 | 33 | 0.05 | 0.032 | 14 |
| 1218151 | Soil | 0.9 | 17.1 | 9.8 | 48 | <0.1 | 16.0 | 5.9 | 219 | 1.88 | 9.4 | 25.6 | 1.1 | 8 | 0.1 | 0.6 | 0.1 | 29 | 0.08 | 0.047 | 15 |
| 1218152 | Soil | 1.2 | 13.0 | 11.5 | 41 | <0.1 | 12.6 | 4.6 | 178 | 2.04 | 11.1 | 1.0 | 0.6 | 6 | <0.1 | 0.6 | 0.2 | 35 | 0.05 | 0.042 | 13 |
| 1218153 | Soil | 1.0 | 16.4 | 11.2 | 52 | <0.1 | 17.2 | 8.1 | 304 | 2.19 | 11.6 | 1.3 | 1.6 | 8 | 0.1 | 0.8 | 0.2 | 35 | 0.08 | 0.057 | 17 |
| 1218154 | Soil | 1.2 | 15.9 | 11.2 | 55 | <0.1 | 17.8 | 13.1 | 725 | 2.31 | 10.5 | 5.6 | 3.5 | 7 | 0.2 | 0.8 | 0.1 | 35 | 0.08 | 0.051 | 16 |
| 1218155 | Soil | 1.3 | 24.6 | 12.6 | 60 | <0.1 | 19.5 | 11.9 | 660 | 3.22 | 16.7 | 1.7 | 4.3 | 11 | 0.1 | 1.2 | 0.1 | 33 | 0.13 | 0.076 | 15 |
| 1218156 | Soil | 0.9 | 12.6 | 9.2 | 49 | <0.1 | 15.3 | 7.4 | 365 | 2.02 | 8.7 | 28.5 | 1.2 | 8 | <0.1 | 0.4 | 0.1 | 36 | 0.08 | 0.041 | 14 |
| 1218157 | Soil | 0.7 | 12.4 | 8.1 | 47 | <0.1 | 15.0 | 6.6 | 259 | 1.85 | 7.8 | 21.3 | 2.8 | 8 | <0.1 | 0.4 | 0.1 | 29 | 0.08 | 0.038 | 16 |
| 1218158 | Soil | 0.9 | 7.9 | 8.2 | 46 | <0.1 | 11.6 | 4.4 | 161 | 1.81 | 9.5 | 3.3 | 0.5 | 7 | <0.1 | 0.3 | 0.2 | 36 | 0.06 | 0.044 | 9 |
| 1218159 | Soil | 0.9 | 9.8 | 8.9 | 45 | <0.1 | 12.1 | 4.4 | 166 | 1.93 | 10.3 | 2.4 | 0.6 | 7 | 0.1 | 0.4 | 0.2 | 33 | 0.07 | 0.047 | 10 |
| 1218160 | Soil | 1.0 | 10.2 | 10.1 | 48 | <0.1 | 13.1 | 7.8 | 408 | 2.13 | 11.2 | 1.4 | 1.0 | 6 | <0.1 | 0.5 | 0.2 | 34 | 0.07 | 0.056 | 12 |
| 1218161 | Soil | 1.0 | 13.2 | 9.2 | 50 | <0.1 | 14.5 | 5.8 | 227 | 2.00 | 10.1 | 4.6 | 0.9 | 9 | 0.2 | 0.6 | 0.2 | 34 | 0.10 | 0.063 | 14 |
| 1218162 | Soil | 1.1 | 9.7 | 9.3 | 42 | <0.1 | 12.2 | 5.0 | 227 | 1.92 | 10.1 | 2.4 | 0.3 | 7 | 0.1 | 0.5 | 0.2 | 33 | 0.07 | 0.049 | 12 |
| 1218163 | Soil | 1.0 | 13.7 | 8.9 | 57 | <0.1 | 16.9 | 7.0 | 305 | 2.03 | 10.6 | 11.5 | 2.3 | 9 | 0.2 | 0.7 | 0.1 | 30 | 0.11 | 0.063 | 14 |
| 1218164 | Soil | 1.1 | 11.4 | 10.2 | 42 | <0.1 | 11.7 | 4.2 | 168 | 1.94 | 9.9 | 3.3 | 0.3 | 6 | 0.1 | 0.5 | 0.2 | 36 | 0.06 | 0.054 | 14 |
| 1218165 | Soil | 1.1 | 12.0 | 9.0 | 46 | <0.1 | 13.7 | 6.0 | 273 | 1.91 | 10.0 | 15.9 | 0.8 | 8 | 0.2 | 0.6 | 0.1 | 32 | 0.09 | 0.056 | 14 |
| 1218166 | Soil | 0.8 | 8.8 | 8.5 | 37 | <0.1 | 10.5 | 4.4 | 174 | 1.60 | 7.8 | 6.3 | 0.4 | 7 | 0.1 | 0.4 | 0.2 | 28 | 0.07 | 0.049 | 13 |
| 1218167 | Soil | 1.0 | 10.6 | 10.1 | 40 | <0.1 | 11.6 | 4.8 | 213 | 1.90 | 9.4 | 11.7 | 0.4 | 7 | 0.1 | 0.6 | 0.2 | 33 | 0.07 | 0.055 | 14 |
| 1218168 | Soil | 1.0 | 14.6 | 9.7 | 53 | <0.1 | 16.0 | 6.6 | 324 | 2.00 | 10.0 | 5.7 | 1.4 | 8 | 0.2 | 0.6 | 0.2 | 29 | 0.08 | 0.057 | 16 |
| 1218169 | Soil | 1.0 | 15.2 | 10.2 | 43 | <0.1 | 15.4 | 6.6 | 322 | 1.95 | 9.4 | 3.4 | 0.6 | 7 | 0.2 | 0.5 | 0.2 | 30 | 0.07 | 0.054 | 19 |
| 1218170 | Soil | 1.1 | 18.4 | 10.7 | 53 | <0.1 | 17.5 | 7.2 | 356 | 2.14 | 10.5 | 3.3 | 1.6 | 7 | 0.1 | 0.6 | 0.2 | 30 | 0.07 | 0.053 | 21 |
| 1218171 | Soil | 0.9 | 10.5 | 9.9 | 36 | <0.1 | 12.4 | 3.8 | 126 | 1.63 | 9.3 | 1.6 | 0.4 | 6 | 0.1 | 0.5 | 0.2 | 30 | 0.05 | 0.038 | 16 |
| 1218172 | Soil | 0.8 | 12.3 | 16.5 | 37 | <0.1 | 11.9 | 4.1 | 131 | 2.02 | 9.5 | 2.5 | 1.0 | 6 | <0.1 | 0.8 | 0.2 | 32 | 0.04 | 0.051 | 20 |
| 1218173 | Soil | 1.0 | 14.5 | 21.3 | 47 | 0.1 | 18.9 | 7.1 | 222 | 2.36 | 11.1 | 2.4 | 7.2 | 9 | 0.1 | 1.4 | 0.2 | 29 | 0.15 | 0.026 | 24 |
| 1218174 | Soil | 1.1 | 28.3 | 31.9 | 65 | 0.1 | 40.9 | 16.9 | 483 | 2.92 | 9.4 | 1.4 | 15.8 | 18 | 0.1 | 0.6 | 0.3 | 19 | 0.26 | 0.045 | 48 |

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Project: Oliver
 Report Date: October 27, 2011

Page: 4 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000905.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1218145 | Soil | 21 | 0.34 | 95 | 0.016 | <1 | 1.07 | 0.004 | 0.03 | 0.3 | 0.03 | 1.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218146 | Soil | 22 | 0.34 | 84 | 0.019 | <1 | 1.17 | 0.003 | 0.03 | 0.2 | 0.05 | 1.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218147 | Soil | 20 | 0.31 | 77 | 0.017 | <1 | 1.00 | 0.004 | 0.03 | 0.2 | 0.04 | 0.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218148 | Soil | 22 | 0.35 | 78 | 0.021 | <1 | 1.17 | 0.004 | 0.03 | 0.2 | 0.05 | 1.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218149 | Soil | 19 | 0.33 | 61 | 0.021 | <1 | 0.97 | 0.003 | 0.03 | 0.3 | 0.05 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218150 | Soil | 19 | 0.30 | 65 | 0.018 | <1 | 0.92 | 0.003 | 0.03 | 0.2 | 0.03 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218151 | Soil | 17 | 0.27 | 72 | 0.015 | <1 | 0.86 | 0.003 | 0.03 | 0.2 | 0.04 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218152 | Soil | 18 | 0.25 | 64 | 0.010 | <1 | 0.93 | 0.003 | 0.03 | 0.2 | 0.04 | 0.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218153 | Soil | 20 | 0.31 | 84 | 0.018 | <1 | 1.12 | 0.003 | 0.03 | 0.2 | 0.02 | 1.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218154 | Soil | 20 | 0.29 | 52 | 0.028 | <1 | 0.91 | 0.003 | 0.04 | 0.4 | 0.04 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218155 | Soil | 21 | 0.33 | 104 | 0.021 | <1 | 1.12 | 0.004 | 0.04 | 0.3 | 0.03 | 1.8 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1218156 | Soil | 22 | 0.35 | 138 | 0.016 | <1 | 1.18 | 0.004 | 0.03 | 0.3 | 0.05 | 1.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218157 | Soil | 18 | 0.32 | 99 | 0.016 | <1 | 0.95 | 0.004 | 0.03 | 0.4 | 0.02 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218158 | Soil | 19 | 0.31 | 115 | 0.013 | <1 | 0.97 | 0.003 | 0.03 | 0.4 | 0.02 | 0.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218159 | Soil | 18 | 0.29 | 95 | 0.013 | 1 | 1.02 | 0.003 | 0.03 | 0.3 | 0.04 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218160 | Soil | 19 | 0.29 | 77 | 0.013 | <1 | 0.94 | 0.003 | 0.03 | 0.4 | 0.02 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218161 | Soil | 19 | 0.30 | 139 | 0.015 | <1 | 0.97 | 0.003 | 0.03 | 0.4 | 0.02 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218162 | Soil | 17 | 0.26 | 72 | 0.013 | <1 | 0.84 | 0.003 | 0.03 | 0.4 | 0.01 | 0.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218163 | Soil | 18 | 0.30 | 69 | 0.018 | <1 | 0.83 | 0.003 | 0.03 | 0.4 | 0.02 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218164 | Soil | 19 | 0.26 | 106 | 0.011 | <1 | 1.02 | 0.004 | 0.03 | 0.3 | 0.04 | 0.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218165 | Soil | 18 | 0.26 | 78 | 0.016 | <1 | 0.86 | 0.003 | 0.03 | 0.4 | 0.03 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218166 | Soil | 15 | 0.23 | 65 | 0.010 | <1 | 0.79 | 0.002 | 0.03 | 0.3 | 0.04 | 0.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218167 | Soil | 19 | 0.26 | 75 | 0.011 | <1 | 0.96 | 0.003 | 0.03 | 0.3 | 0.02 | 0.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218168 | Soil | 19 | 0.30 | 90 | 0.014 | <1 | 0.94 | 0.003 | 0.03 | 0.3 | 0.04 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218169 | Soil | 19 | 0.30 | 101 | 0.011 | <1 | 0.97 | 0.003 | 0.03 | 0.3 | 0.03 | 0.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218170 | Soil | 20 | 0.34 | 96 | 0.013 | <1 | 1.02 | 0.003 | 0.03 | 0.3 | 0.02 | 1.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218171 | Soil | 17 | 0.24 | 82 | 0.011 | <1 | 0.80 | 0.003 | 0.03 | 0.3 | 0.02 | 0.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218172 | Soil | 17 | 0.25 | 110 | 0.013 | 1 | 1.07 | 0.004 | 0.04 | 0.2 | 0.03 | 0.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218173 | Soil | 15 | 0.15 | 138 | 0.008 | <1 | 0.98 | 0.004 | 0.05 | 0.2 | 0.02 | 1.3 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218174 | Soil | 21 | 0.39 | 137 | 0.006 | 1 | 1.25 | 0.004 | 0.07 | <0.1 | 0.02 | 1.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |

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Project: Oliver
 Report Date: October 27, 2011

Page: 5 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000905.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | MDL | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1218175 | Soil | 1.1 | 14.6 | 13.2 | 42 | 0.2 | 18.0 | 6.9 | 157 | 2.51 | 12.6 | 2.0 | 4.9 | 7 | <0.1 | 0.7 | 0.2 | 34 | 0.07 | 0.023 | 14 |
| 1218176 | Soil | 1.1 | 16.4 | 12.6 | 54 | <0.1 | 17.1 | 6.3 | 246 | 2.21 | 11.2 | 2.0 | 1.0 | 7 | 0.2 | 0.7 | 0.2 | 31 | 0.06 | 0.055 | 18 |
| 1218177 | Soil | 1.1 | 15.2 | 10.8 | 45 | <0.1 | 15.0 | 5.1 | 159 | 1.96 | 11.0 | 3.6 | 0.7 | 7 | 0.1 | 0.7 | 0.2 | 32 | 0.07 | 0.065 | 15 |
| 1218178 | Soil | 1.7 | 13.6 | 14.3 | 54 | <0.1 | 16.3 | 6.5 | 259 | 3.12 | 14.0 | 2.0 | 0.3 | 8 | 0.1 | 0.8 | 0.3 | 67 | 0.07 | 0.071 | 12 |
| 1218179 | Soil | 1.2 | 14.9 | 12.6 | 59 | <0.1 | 17.3 | 8.8 | 360 | 2.56 | 13.6 | 2.3 | 1.0 | 7 | 0.2 | 0.8 | 0.2 | 42 | 0.06 | 0.053 | 13 |
| 1218180 | Soil | 1.8 | 13.6 | 12.5 | 53 | <0.1 | 15.8 | 6.0 | 327 | 2.20 | 12.4 | 5.2 | 0.5 | 5 | 0.2 | 0.8 | 0.2 | 41 | 0.04 | 0.050 | 11 |
| 1218181 | Soil | 0.9 | 19.3 | 14.1 | 59 | <0.1 | 18.9 | 6.6 | 218 | 2.13 | 10.5 | 3.6 | 3.5 | 9 | 0.2 | 0.8 | 0.2 | 31 | 0.09 | 0.053 | 21 |
| 1218182 | Soil | 1.1 | 15.2 | 9.7 | 51 | <0.1 | 16.9 | 5.6 | 207 | 1.86 | 8.5 | 10.4 | 1.3 | 9 | 0.3 | 0.7 | 0.1 | 29 | 0.09 | 0.059 | 15 |
| 1218183 | Soil | 1.0 | 14.9 | 9.3 | 50 | <0.1 | 16.5 | 4.5 | 145 | 1.84 | 9.5 | 39.9 | 1.6 | 10 | 0.2 | 0.8 | 0.1 | 30 | 0.11 | 0.068 | 13 |
| 1218184 | Soil | 0.7 | 15.6 | 8.4 | 54 | <0.1 | 17.3 | 6.9 | 244 | 1.89 | 12.0 | 1.9 | 3.1 | 10 | 0.2 | 0.8 | 0.1 | 27 | 0.12 | 0.069 | 13 |
| 1218185 | Soil | 1.2 | 12.2 | 10.2 | 46 | <0.1 | 13.3 | 5.8 | 200 | 2.11 | 11.4 | 1.9 | 0.5 | 6 | 0.1 | 0.7 | 0.2 | 39 | 0.06 | 0.055 | 11 |
| 1218186 | Soil | 1.0 | 14.7 | 12.2 | 61 | <0.1 | 17.0 | 8.4 | 317 | 2.32 | 13.5 | 3.2 | 2.3 | 7 | 0.2 | 0.7 | 0.2 | 32 | 0.07 | 0.054 | 13 |
| 1218187 | Soil | 1.1 | 17.2 | 11.7 | 53 | <0.1 | 17.9 | 8.3 | 268 | 2.21 | 11.3 | 2.1 | 1.5 | 8 | 0.1 | 0.7 | 0.2 | 31 | 0.07 | 0.058 | 14 |
| 1218188 | Soil | 1.3 | 22.2 | 14.2 | 60 | <0.1 | 19.4 | 8.0 | 292 | 2.56 | 15.7 | 2.6 | 2.2 | 7 | 0.2 | 0.9 | 0.2 | 40 | 0.06 | 0.052 | 13 |
| 1218189 | Soil | 0.8 | 17.2 | 9.5 | 50 | <0.1 | 20.3 | 9.5 | 302 | 2.19 | 11.0 | 16.0 | 3.6 | 8 | 0.1 | 0.6 | 0.2 | 24 | 0.09 | 0.052 | 15 |
| 1218190 | Soil | 1.0 | 14.3 | 10.4 | 49 | <0.1 | 14.6 | 6.2 | 215 | 2.15 | 11.2 | 4.3 | 1.0 | 7 | 0.1 | 0.5 | 0.2 | 31 | 0.08 | 0.066 | 14 |
| 1218191 | Soil | 0.9 | 21.0 | 13.0 | 48 | <0.1 | 18.7 | 7.5 | 170 | 2.35 | 10.2 | 1.6 | 3.1 | 5 | 0.1 | 0.5 | 0.2 | 24 | 0.03 | 0.040 | 25 |
| 1218192 | Soil | 0.9 | 17.0 | 10.5 | 45 | <0.1 | 15.2 | 7.6 | 236 | 2.14 | 11.1 | 5.3 | 2.3 | 7 | 0.2 | 0.6 | 0.2 | 30 | 0.07 | 0.047 | 18 |
| 1218193 | Soil | 1.0 | 10.3 | 10.5 | 41 | <0.1 | 13.9 | 6.0 | 214 | 2.02 | 14.4 | 0.7 | 0.4 | 6 | 0.1 | 0.6 | 0.2 | 36 | 0.05 | 0.046 | 9 |
| 1218194 | 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. |
| 1218195 | Soil | 0.9 | 7.2 | 9.5 | 30 | <0.1 | 8.4 | 3.4 | 118 | 1.92 | 9.6 | 1.1 | 0.9 | 5 | 0.1 | 0.5 | 0.2 | 32 | 0.05 | 0.036 | 8 |
| 1218196 | Soil | 0.7 | 15.1 | 8.5 | 40 | <0.1 | 13.6 | 4.9 | 162 | 1.63 | 9.2 | 2.6 | 0.6 | 7 | 0.2 | 0.6 | 0.1 | 24 | 0.07 | 0.051 | 10 |
| 1218197 | 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. |
| 1218198 | Soil | 0.9 | 10.7 | 8.5 | 39 | <0.1 | 13.0 | 6.8 | 257 | 1.87 | 11.4 | 9.0 | 2.5 | 5 | 0.1 | 0.7 | 0.1 | 25 | 0.04 | 0.028 | 7 |
| 1218199 | Soil | 1.3 | 11.1 | 11.4 | 44 | <0.1 | 14.7 | 6.5 | 260 | 2.36 | 13.6 | 3.7 | 1.9 | 6 | 0.1 | 0.5 | 0.2 | 40 | 0.05 | 0.034 | 8 |
| 1218200 | Soil | 1.1 | 13.4 | 9.2 | 43 | <0.1 | 14.2 | 6.6 | 343 | 1.94 | 12.4 | 17.5 | 1.0 | 5 | 0.1 | 0.6 | 0.1 | 28 | 0.04 | 0.036 | 9 |
| 1218201 | Soil | 1.2 | 11.5 | 10.0 | 34 | <0.1 | 13.0 | 7.0 | 311 | 1.96 | 12.2 | 1.6 | 0.9 | 6 | <0.1 | 0.4 | 0.1 | 28 | 0.05 | 0.048 | 10 |
| 1218202 | Soil | 0.9 | 16.5 | 8.7 | 46 | <0.1 | 16.5 | 6.4 | 236 | 2.04 | 11.7 | 6.6 | 3.8 | 4 | <0.1 | 0.6 | 0.2 | 26 | 0.03 | 0.034 | 11 |
| 1218203 | Soil | 1.4 | 9.5 | 9.7 | 43 | <0.1 | 11.8 | 8.9 | 507 | 2.64 | 12.5 | 0.9 | 2.4 | 4 | <0.1 | 0.6 | 0.2 | 36 | 0.03 | 0.042 | 9 |
| 1218204 | Soil | 1.3 | 11.4 | 13.0 | 28 | <0.1 | 8.9 | 5.3 | 217 | 1.88 | 8.8 | <0.5 | 0.8 | 4 | <0.1 | 0.3 | 0.2 | 35 | 0.03 | 0.110 | 8 |

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Project: Oliver
 Report Date: October 27, 2011

Page: 5 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000905.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1218175 | Soil | 21 | 0.29 | 117 | 0.019 | <1 | 1.27 | 0.003 | 0.04 | 0.2 | 0.03 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218176 | Soil | 18 | 0.31 | 69 | 0.012 | <1 | 1.07 | 0.003 | 0.04 | 0.2 | 0.03 | 0.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218177 | Soil | 18 | 0.23 | 66 | 0.010 | <1 | 0.97 | 0.003 | 0.03 | 0.3 | 0.04 | 0.6 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1218178 | Soil | 31 | 0.37 | 106 | 0.023 | 2 | 1.67 | 0.004 | 0.04 | 0.2 | 0.04 | 1.1 | 0.1 | <0.05 | 7 | 0.9 | <0.2 |
| 1218179 | Soil | 23 | 0.39 | 97 | 0.023 | <1 | 1.47 | 0.004 | 0.03 | 0.3 | 0.04 | 1.4 | 0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 1218180 | Soil | 22 | 0.22 | 66 | 0.020 | 1 | 1.01 | 0.003 | 0.03 | 0.4 | 0.04 | 0.9 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218181 | Soil | 18 | 0.30 | 96 | 0.019 | <1 | 1.04 | 0.003 | 0.04 | 0.4 | 0.04 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218182 | Soil | 18 | 0.26 | 117 | 0.016 | <1 | 0.80 | 0.003 | 0.04 | 0.3 | 0.04 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218183 | Soil | 18 | 0.27 | 72 | 0.016 | <1 | 0.84 | 0.003 | 0.03 | 0.4 | 0.04 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218184 | Soil | 16 | 0.27 | 72 | 0.017 | <1 | 0.87 | 0.003 | 0.03 | 0.4 | 0.02 | 1.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218185 | Soil | 18 | 0.25 | 101 | 0.012 | <1 | 1.17 | 0.003 | 0.03 | 0.2 | 0.03 | 0.9 | 0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1218186 | Soil | 20 | 0.33 | 102 | 0.017 | <1 | 1.27 | 0.003 | 0.04 | 0.2 | 0.03 | 1.5 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218187 | Soil | 18 | 0.30 | 92 | 0.015 | <1 | 1.08 | 0.003 | 0.05 | 0.3 | 0.03 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218188 | Soil | 21 | 0.29 | 178 | 0.014 | <1 | 1.31 | 0.003 | 0.05 | 0.3 | 0.04 | 1.8 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218189 | Soil | 16 | 0.25 | 89 | 0.012 | <1 | 0.88 | 0.003 | 0.04 | 0.4 | 0.04 | 1.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218190 | Soil | 18 | 0.27 | 90 | 0.011 | <1 | 1.08 | 0.003 | 0.03 | 0.2 | 0.05 | 0.9 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1218191 | Soil | 17 | 0.20 | 107 | 0.009 | <1 | 0.88 | 0.003 | 0.03 | 0.2 | 0.05 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218192 | Soil | 16 | 0.28 | 92 | 0.014 | <1 | 1.01 | 0.003 | 0.02 | 0.2 | 0.04 | 1.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218193 | Soil | 18 | 0.22 | 78 | 0.013 | <1 | 0.88 | 0.003 | 0.02 | 0.2 | 0.04 | 0.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218194 | 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. |
| 1218195 | Soil | 16 | 0.20 | 49 | 0.013 | <1 | 0.81 | 0.003 | 0.02 | 0.4 | 0.03 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218196 | Soil | 15 | 0.22 | 109 | 0.009 | <1 | 0.78 | 0.003 | 0.02 | 0.2 | 0.02 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218197 | 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. |
| 1218198 | Soil | 15 | 0.22 | 57 | 0.014 | <1 | 0.88 | 0.003 | 0.02 | 0.2 | 0.03 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218199 | Soil | 21 | 0.26 | 120 | 0.021 | <1 | 0.90 | 0.004 | 0.03 | 0.3 | 0.05 | 1.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218200 | Soil | 17 | 0.24 | 64 | 0.016 | <1 | 0.91 | 0.003 | 0.02 | 0.3 | 0.02 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218201 | Soil | 20 | 0.26 | 83 | 0.009 | <1 | 0.83 | 0.003 | 0.02 | 0.3 | 0.02 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218202 | Soil | 20 | 0.26 | 88 | 0.016 | <1 | 0.94 | 0.003 | 0.02 | 0.4 | 0.04 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218203 | Soil | 21 | 0.27 | 68 | 0.020 | <1 | 0.96 | 0.003 | 0.02 | 0.3 | 0.02 | 1.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218204 | Soil | 17 | 0.19 | 77 | 0.018 | <1 | 0.73 | 0.003 | 0.02 | 0.3 | <0.01 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

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Project: Oliver
 Report Date: October 27, 2011

Page: 6 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000905.1

| Method | Analyte | Unit | MDL | 1DX15 Mo | 1DX15 Cu | 1DX15 Pb | 1DX15 Zn | 1DX15 Ag | 1DX15 Ni | 1DX15 Co | 1DX15 Mn | 1DX15 Fe | 1DX15 As | 1DX15 Au | 1DX15 Th | 1DX15 Sr | 1DX15 Cd | 1DX15 Sb | 1DX15 Bi | 1DX15 V | 1DX15 Ca | 1DX15 P | 1DX15 La |
|---------|---------|------|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|---------|----------|
| | | | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm |
| | | | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1218205 | Soil | | | 0.8 | 11.8 | 10.1 | 24 | <0.1 | 7.5 | 2.3 | 57 | 1.62 | 7.3 | 2.8 | 0.2 | 5 | 0.1 | 0.3 | 0.1 | 26 | 0.03 | 0.087 | 8 |
| 1218206 | Soil | | | 0.8 | 16.1 | 8.6 | 42 | <0.1 | 14.9 | 6.8 | 237 | 1.75 | 10.0 | 1.8 | 4.0 | 6 | 0.1 | 0.7 | <0.1 | 20 | 0.06 | 0.040 | 8 |
| 1218207 | Soil | | | 0.8 | 13.0 | 9.4 | 35 | <0.1 | 15.2 | 5.1 | 101 | 1.74 | 9.4 | 8.8 | 2.7 | 4 | <0.1 | 0.5 | 0.1 | 15 | 0.02 | 0.035 | 8 |
| 1218208 | Soil | | | 1.0 | 15.2 | 8.4 | 37 | <0.1 | 18.7 | 6.2 | 252 | 1.96 | 7.5 | 0.6 | 3.7 | 5 | <0.1 | 0.4 | 0.1 | 20 | 0.03 | 0.024 | 11 |
| 1218209 | Soil | | | 1.2 | 24.9 | 10.5 | 60 | <0.1 | 24.2 | 9.1 | 190 | 2.56 | 8.1 | 1.6 | 7.7 | 6 | <0.1 | 0.5 | 0.1 | 25 | 0.03 | 0.021 | 21 |
| 1218210 | Soil | | | 1.1 | 24.5 | 10.7 | 53 | <0.1 | 21.4 | 8.4 | 285 | 2.41 | 7.2 | 2.5 | 6.8 | 6 | <0.1 | 0.6 | 0.1 | 23 | 0.03 | 0.019 | 22 |
| 1218211 | Soil | | | 0.5 | 14.5 | 7.1 | 39 | <0.1 | 14.4 | 6.2 | 151 | 1.49 | 7.6 | 1.6 | 3.6 | 8 | <0.1 | 0.4 | <0.1 | 16 | 0.09 | 0.043 | 9 |
| 1218212 | Soil | | | 0.7 | 9.9 | 7.7 | 32 | <0.1 | 10.5 | 4.0 | 127 | 1.48 | 8.6 | 10.1 | 2.8 | 6 | <0.1 | 0.5 | <0.1 | 19 | 0.07 | 0.044 | 9 |
| 1218213 | Soil | | | 1.1 | 10.0 | 8.9 | 40 | <0.1 | 14.1 | 5.2 | 151 | 1.86 | 10.0 | 1.9 | 3.0 | 6 | <0.1 | 0.6 | <0.1 | 30 | 0.04 | 0.038 | 7 |
| 1218214 | Soil | | | 0.7 | 11.3 | 8.1 | 38 | <0.1 | 13.6 | 5.0 | 129 | 1.60 | 8.4 | <0.5 | 3.1 | 7 | <0.1 | 0.6 | <0.1 | 22 | 0.06 | 0.027 | 9 |
| 1218215 | Soil | | | 0.7 | 14.6 | 7.6 | 39 | <0.1 | 15.1 | 6.2 | 144 | 1.61 | 8.2 | <0.5 | 3.7 | 5 | <0.1 | 0.6 | <0.1 | 21 | 0.04 | 0.033 | 7 |
| 1218216 | Soil | | | 0.8 | 10.7 | 7.0 | 37 | <0.1 | 14.0 | 4.4 | 98 | 1.55 | 8.3 | 0.8 | 3.0 | 4 | <0.1 | 0.5 | <0.1 | 20 | 0.03 | 0.028 | 8 |
| 1218217 | Soil | | | 0.7 | 15.5 | 7.2 | 39 | <0.1 | 14.5 | 5.7 | 154 | 1.54 | 8.5 | 1.3 | 3.7 | 4 | <0.1 | 0.6 | <0.1 | 22 | 0.03 | 0.024 | 6 |
| 1218218 | Soil | | | 0.9 | 10.8 | 6.2 | 34 | <0.1 | 12.9 | 5.5 | 156 | 1.56 | 12.5 | <0.5 | 3.0 | 5 | <0.1 | 0.6 | <0.1 | 16 | 0.05 | 0.043 | 6 |
| 1218219 | Soil | | | 0.7 | 9.1 | 6.8 | 52 | <0.1 | 13.8 | 6.1 | 198 | 1.37 | 7.2 | <0.5 | 2.5 | 5 | 0.1 | 0.5 | <0.1 | 19 | 0.05 | 0.046 | 6 |
| 1218220 | Soil | | | 0.7 | 12.4 | 6.0 | 35 | <0.1 | 15.7 | 4.9 | 176 | 1.19 | 6.8 | <0.5 | 3.5 | 7 | <0.1 | 0.6 | <0.1 | 13 | 0.06 | 0.036 | 7 |
| 1218221 | Soil | | | 0.6 | 11.7 | 5.6 | 34 | <0.1 | 15.3 | 4.7 | 172 | 1.17 | 6.7 | <0.5 | 3.0 | 9 | 0.1 | 0.6 | <0.1 | 11 | 0.08 | 0.050 | 8 |
| 1218222 | Soil | | | 0.6 | 14.8 | 6.3 | 35 | <0.1 | 14.3 | 5.1 | 155 | 1.25 | 7.2 | <0.5 | 3.1 | 5 | <0.1 | 0.6 | <0.1 | 15 | 0.05 | 0.032 | 8 |
| 1218223 | Soil | | | 0.5 | 6.9 | 5.3 | 38 | <0.1 | 12.0 | 4.2 | 170 | 1.07 | 4.5 | <0.5 | 2.5 | 7 | 0.1 | 0.4 | <0.1 | 12 | 0.07 | 0.060 | 6 |
| 1218351 | Soil | | | 0.9 | 15.3 | 14.2 | 57 | <0.1 | 19.0 | 6.5 | 166 | 2.12 | 9.8 | 0.7 | 3.5 | 7 | 0.1 | 0.6 | <0.1 | 20 | 0.05 | 0.036 | 18 |
| 1218352 | Soil | | | 1.1 | 17.6 | 10.7 | 56 | <0.1 | 17.6 | 6.9 | 238 | 2.01 | 10.2 | 5.0 | 1.9 | 9 | 0.2 | 0.6 | 0.1 | 27 | 0.08 | 0.057 | 13 |
| 1218353 | Soil | | | 0.9 | 20.3 | 15.6 | 55 | <0.1 | 16.5 | 6.3 | 245 | 2.20 | 8.9 | 0.6 | 2.5 | 6 | 0.1 | 0.5 | 0.1 | 22 | 0.05 | 0.042 | 25 |
| 1218354 | Soil | | | 0.8 | 16.5 | 12.5 | 48 | <0.1 | 16.2 | 5.7 | 192 | 1.89 | 8.4 | 0.5 | 2.8 | 6 | 0.1 | 0.5 | <0.1 | 19 | 0.05 | 0.041 | 22 |
| 1218355 | Soil | | | 0.8 | 18.7 | 13.5 | 53 | <0.1 | 16.2 | 5.6 | 195 | 2.10 | 9.7 | 2.2 | 1.7 | 5 | 0.1 | 0.6 | 0.1 | 23 | 0.03 | 0.045 | 18 |
| 1218356 | Soil | | | 0.7 | 16.6 | 12.3 | 44 | <0.1 | 14.6 | 5.9 | 198 | 1.87 | 8.1 | <0.5 | 1.5 | 5 | 0.1 | 0.5 | 0.1 | 20 | 0.03 | 0.038 | 19 |
| 1218357 | Soil | | | 0.7 | 12.5 | 10.3 | 40 | <0.1 | 13.0 | 5.1 | 190 | 1.67 | 8.7 | <0.5 | 1.2 | 4 | <0.1 | 0.5 | <0.1 | 21 | 0.03 | 0.032 | 12 |
| 1218358 | Soil | | | 0.8 | 12.6 | 9.8 | 33 | <0.1 | 10.8 | 3.8 | 161 | 1.47 | 6.3 | 2.4 | 0.6 | 4 | <0.1 | 0.4 | 0.1 | 17 | 0.02 | 0.034 | 17 |
| 1218359 | Soil | | | 0.9 | 16.2 | 11.5 | 54 | <0.1 | 16.7 | 6.5 | 248 | 2.24 | 10.8 | 3.6 | 1.8 | 5 | 0.2 | 0.8 | 0.2 | 31 | 0.04 | 0.044 | 16 |
| 1218360 | Soil | | | 0.9 | 22.4 | 16.4 | 62 | <0.1 | 21.0 | 9.2 | 338 | 2.36 | 10.2 | 1.9 | 2.7 | 6 | 0.2 | 1.0 | 0.2 | 27 | 0.04 | 0.045 | 22 |
| 1218361 | Soil | | | 1.1 | 18.1 | 15.7 | 50 | <0.1 | 15.9 | 6.2 | 182 | 2.32 | 10.7 | 4.6 | 0.6 | 7 | 0.1 | 0.7 | 0.2 | 32 | 0.04 | 0.058 | 17 |

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Client: **Goldstrike Resources (Petro One Energy Co**
 1300 - 111 West Georgia Street
 Vancouver BC V6E 4M3 Canada

Project: Oliver
 Report Date: October 27, 2011

Page: 6 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000905.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1218205 | Soil | 16 | 0.16 | 106 | 0.009 | <1 | 0.83 | 0.003 | 0.02 | 0.2 | 0.04 | 0.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218206 | Soil | 16 | 0.24 | 70 | 0.014 | <1 | 0.85 | 0.003 | 0.02 | 0.2 | 0.04 | 1.1 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218207 | Soil | 13 | 0.19 | 55 | 0.005 | <1 | 0.67 | 0.002 | 0.02 | 0.2 | 0.01 | 0.7 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218208 | Soil | 18 | 0.22 | 123 | 0.008 | <1 | 0.80 | 0.003 | 0.02 | 0.2 | 0.03 | 1.0 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218209 | Soil | 23 | 0.34 | 125 | 0.014 | <1 | 1.18 | 0.004 | 0.03 | 0.2 | 0.04 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218210 | Soil | 21 | 0.27 | 146 | 0.016 | <1 | 0.96 | 0.004 | 0.03 | 0.2 | 0.07 | 2.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218211 | Soil | 13 | 0.25 | 71 | 0.010 | <1 | 0.68 | 0.003 | 0.02 | 0.2 | 0.01 | 0.9 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218212 | Soil | 13 | 0.20 | 69 | 0.009 | <1 | 0.64 | 0.002 | 0.02 | 0.2 | <0.01 | 0.8 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218213 | Soil | 19 | 0.25 | 154 | 0.015 | <1 | 1.05 | 0.003 | 0.03 | 0.2 | <0.01 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218214 | Soil | 15 | 0.22 | 167 | 0.011 | <1 | 0.76 | 0.003 | 0.02 | 0.1 | <0.01 | 1.2 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218215 | Soil | 15 | 0.25 | 78 | 0.015 | <1 | 0.84 | 0.003 | 0.02 | 0.1 | <0.01 | 1.0 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218216 | Soil | 13 | 0.19 | 85 | 0.008 | <1 | 0.71 | 0.002 | 0.03 | 0.2 | <0.01 | 0.8 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218217 | Soil | 15 | 0.24 | 105 | 0.015 | <1 | 0.83 | 0.003 | 0.03 | 0.2 | 0.02 | 1.2 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218218 | Soil | 13 | 0.19 | 105 | 0.008 | <1 | 0.72 | 0.002 | 0.03 | <0.1 | <0.01 | 1.0 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218219 | Soil | 12 | 0.19 | 109 | 0.007 | <1 | 0.70 | 0.002 | 0.02 | <0.1 | <0.01 | 1.0 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218220 | Soil | 10 | 0.18 | 75 | 0.008 | <1 | 0.50 | 0.002 | 0.03 | <0.1 | <0.01 | 1.0 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 1218221 | Soil | 9 | 0.18 | 91 | 0.005 | <1 | 0.42 | 0.002 | 0.03 | <0.1 | 0.01 | 0.9 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 1218222 | Soil | 11 | 0.19 | 85 | 0.008 | <1 | 0.56 | 0.002 | 0.03 | 0.1 | <0.01 | 1.5 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 1218223 | Soil | 9 | 0.15 | 142 | 0.005 | <1 | 0.46 | 0.002 | 0.03 | <0.1 | <0.01 | 0.8 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 1218351 | Soil | 15 | 0.24 | 68 | 0.010 | <1 | 0.75 | 0.004 | 0.03 | 0.1 | 0.03 | 0.9 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218352 | Soil | 19 | 0.29 | 70 | 0.015 | <1 | 0.98 | 0.004 | 0.03 | 0.3 | 0.03 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218353 | Soil | 16 | 0.26 | 71 | 0.009 | <1 | 0.89 | 0.003 | 0.03 | 0.2 | 0.03 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218354 | Soil | 15 | 0.24 | 61 | 0.009 | <1 | 0.80 | 0.002 | 0.02 | 0.2 | 0.02 | 0.9 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218355 | Soil | 17 | 0.28 | 65 | 0.008 | <1 | 1.00 | 0.003 | 0.03 | 0.2 | 0.02 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218356 | Soil | 16 | 0.27 | 62 | 0.008 | <1 | 0.84 | 0.003 | 0.02 | 0.2 | 0.02 | 0.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218357 | Soil | 14 | 0.21 | 41 | 0.009 | <1 | 0.71 | 0.002 | 0.02 | 0.2 | 0.02 | 0.6 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218358 | Soil | 12 | 0.16 | 38 | 0.006 | <1 | 0.57 | 0.003 | 0.02 | 0.1 | <0.01 | 0.4 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218359 | Soil | 19 | 0.29 | 80 | 0.014 | <1 | 1.13 | 0.003 | 0.03 | 0.2 | 0.03 | 1.0 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1218360 | Soil | 17 | 0.26 | 102 | 0.011 | <1 | 1.02 | 0.003 | 0.04 | 0.2 | 0.03 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218361 | Soil | 19 | 0.22 | 84 | 0.010 | <1 | 1.02 | 0.004 | 0.03 | 0.2 | 0.06 | 0.7 | 0.1 | <0.05 | 4 | 0.7 | <0.2 |

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Page: 7 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000905.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | MDL | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1218362 | Soil | 0.9 | 42.8 | 20.8 | 70 | <0.1 | 23.1 | 10.9 | 411 | 3.19 | 10.8 | 3.2 | 5.9 | 5 | <0.1 | 0.5 | 0.3 | 20 | 0.02 | 0.046 | 28 |
| 1218363 | Soil | 0.9 | 45.6 | 12.2 | 73 | <0.1 | 23.8 | 8.6 | 175 | 2.40 | 12.0 | 1.6 | 2.5 | 5 | 0.1 | 0.5 | 0.3 | 19 | 0.03 | 0.043 | 22 |
| 1218364 | Soil | 1.0 | 19.0 | 11.0 | 44 | <0.1 | 13.3 | 4.7 | 190 | 2.23 | 11.2 | 1.2 | 0.9 | 6 | <0.1 | 0.7 | 0.2 | 33 | 0.04 | 0.042 | 16 |
| 1218365 | Soil | 0.7 | 15.5 | 16.0 | 58 | <0.1 | 19.0 | 10.6 | 372 | 2.27 | 12.0 | 2.7 | 4.0 | 6 | 0.1 | 0.7 | 0.2 | 24 | 0.04 | 0.038 | 16 |
| 1218366 | Soil | 0.8 | 19.6 | 12.9 | 53 | <0.1 | 24.2 | 11.0 | 347 | 2.55 | 10.6 | 3.2 | 3.7 | 6 | 0.1 | 0.6 | 0.2 | 26 | 0.05 | 0.042 | 18 |
| 1218367 | Soil | 0.8 | 18.2 | 9.7 | 50 | <0.1 | 22.2 | 9.7 | 315 | 2.16 | 10.2 | 2.2 | 2.8 | 9 | 0.1 | 0.7 | 0.1 | 25 | 0.09 | 0.051 | 19 |
| 1218368 | Soil | 1.0 | 13.7 | 12.1 | 46 | <0.1 | 14.8 | 5.4 | 202 | 2.17 | 10.1 | 2.0 | 1.0 | 5 | 0.1 | 0.7 | 0.2 | 30 | 0.04 | 0.041 | 12 |
| 1218369 | Soil | 1.0 | 17.0 | 11.1 | 53 | <0.1 | 15.9 | 7.3 | 265 | 2.25 | 11.5 | 2.3 | 0.9 | 6 | 0.2 | 0.8 | 0.2 | 34 | 0.04 | 0.049 | 14 |
| 1218370 | Soil | 1.0 | 15.1 | 13.8 | 51 | <0.1 | 18.4 | 8.4 | 340 | 2.23 | 9.5 | 1.7 | 4.6 | 7 | 0.2 | 0.7 | 0.2 | 32 | 0.06 | 0.028 | 16 |
| 1218371 | Soil | 0.8 | 10.8 | 10.7 | 35 | <0.1 | 12.0 | 4.9 | 198 | 2.10 | 10.7 | 3.0 | 0.7 | 5 | <0.1 | 0.6 | 0.1 | 31 | 0.04 | 0.039 | 10 |
| 1218372 | Soil | 1.1 | 14.9 | 11.0 | 51 | <0.1 | 15.2 | 5.8 | 196 | 2.01 | 9.4 | 2.0 | 3.6 | 9 | 0.2 | 0.8 | 0.1 | 34 | 0.09 | 0.040 | 13 |
| 1218373 | Soil | 1.5 | 19.2 | 18.0 | 58 | 0.2 | 16.9 | 6.1 | 279 | 2.41 | 11.0 | 2.8 | 0.2 | 9 | 0.2 | 0.7 | 0.2 | 39 | 0.08 | 0.118 | 13 |
| 1218374 | Soil | 1.1 | 17.8 | 10.9 | 58 | <0.1 | 15.3 | 6.1 | 226 | 2.16 | 11.4 | 3.2 | 1.4 | 8 | 0.1 | 0.7 | 0.2 | 35 | 0.07 | 0.053 | 14 |
| 1218375 | Soil | 0.7 | 28.6 | 10.1 | 60 | <0.1 | 20.3 | 9.1 | 285 | 2.21 | 11.0 | 2.3 | 6.0 | 9 | 0.2 | 0.6 | 0.2 | 23 | 0.09 | 0.050 | 31 |
| 1218376 | Soil | 0.6 | 19.4 | 9.1 | 53 | <0.1 | 18.1 | 8.3 | 345 | 1.99 | 9.5 | 1.7 | 4.1 | 5 | 0.1 | 0.5 | 0.1 | 19 | 0.04 | 0.032 | 17 |
| 1218377 | Soil | 1.0 | 31.9 | 14.6 | 50 | <0.1 | 19.8 | 7.5 | 226 | 2.78 | 12.6 | 2.9 | 4.0 | 6 | <0.1 | 0.7 | 0.2 | 26 | 0.05 | 0.056 | 25 |
| 1218378 | Soil | 0.8 | 27.1 | 10.7 | 60 | <0.1 | 23.0 | 10.4 | 347 | 2.40 | 9.8 | 2.6 | 6.7 | 9 | 0.2 | 0.7 | 0.2 | 22 | 0.09 | 0.052 | 30 |
| 1218379 | Soil | 1.0 | 22.5 | 12.3 | 56 | <0.1 | 19.9 | 11.0 | 407 | 2.48 | 11.7 | 2.3 | 2.5 | 10 | 0.1 | 0.8 | 0.2 | 37 | 0.11 | 0.083 | 14 |
| 1218380 | Soil | 0.9 | 23.8 | 9.9 | 64 | <0.1 | 21.5 | 8.4 | 259 | 2.30 | 10.6 | 4.4 | 2.2 | 10 | 0.2 | 0.8 | 0.2 | 34 | 0.10 | 0.062 | 19 |
| 1218381 | Soil | 1.0 | 17.5 | 12.7 | 53 | <0.1 | 17.0 | 7.5 | 225 | 2.31 | 11.4 | 1.7 | 2.1 | 8 | 0.1 | 0.7 | 0.2 | 37 | 0.08 | 0.052 | 16 |
| 1218382 | Soil | 0.8 | 14.0 | 9.1 | 44 | <0.1 | 15.3 | 6.2 | 202 | 1.96 | 12.6 | 2.0 | 1.1 | 7 | 0.2 | 0.6 | 0.1 | 29 | 0.07 | 0.047 | 13 |
| 1218383 | Soil | 1.0 | 15.7 | 11.6 | 52 | <0.1 | 18.8 | 7.8 | 282 | 2.30 | 13.8 | 4.7 | 2.3 | 7 | 0.1 | 0.8 | 0.2 | 34 | 0.06 | 0.042 | 15 |
| 1218384 | Soil | 0.9 | 18.6 | 10.1 | 59 | <0.1 | 19.8 | 8.1 | 263 | 2.13 | 13.7 | 2.0 | 3.8 | 9 | 0.2 | 0.8 | 0.1 | 29 | 0.10 | 0.050 | 18 |
| 1218385 | Soil | 0.7 | 14.6 | 9.5 | 46 | <0.1 | 14.9 | 7.8 | 306 | 1.90 | 12.3 | 2.5 | 2.2 | 6 | 0.1 | 0.7 | 0.1 | 24 | 0.06 | 0.046 | 11 |
| 1218386 | Soil | 1.0 | 30.1 | 9.5 | 64 | <0.1 | 58.2 | 14.0 | 377 | 3.21 | 51.8 | 2.9 | 2.3 | 8 | 0.1 | 2.5 | 0.1 | 38 | 0.07 | 0.063 | 18 |
| 1218387 | Soil | 0.6 | 16.4 | 8.7 | 49 | <0.1 | 18.0 | 6.5 | 205 | 1.96 | 13.9 | 9.7 | 2.8 | 8 | 0.2 | 1.0 | 0.1 | 25 | 0.08 | 0.046 | 16 |
| 1218388 | Soil | 0.8 | 26.2 | 10.7 | 56 | <0.1 | 22.6 | 7.4 | 201 | 2.52 | 10.2 | 1.5 | 2.4 | 6 | 0.1 | 0.5 | 0.2 | 26 | 0.05 | 0.047 | 30 |
| 1218389 | Soil | 0.6 | 17.9 | 8.7 | 45 | <0.1 | 15.4 | 5.6 | 159 | 2.04 | 10.0 | 1.9 | 1.4 | 6 | <0.1 | 0.4 | 0.2 | 27 | 0.05 | 0.046 | 23 |
| 1218390 | Soil | 0.7 | 15.2 | 9.4 | 50 | <0.1 | 13.9 | 6.3 | 220 | 2.02 | 10.3 | 1.8 | 1.5 | 8 | <0.1 | 0.7 | 0.2 | 28 | 0.08 | 0.057 | 13 |
| 1218391 | Soil | 0.8 | 15.2 | 10.1 | 51 | <0.1 | 16.0 | 6.5 | 262 | 1.95 | 9.1 | 1.8 | 0.9 | 7 | 0.2 | 0.6 | 0.2 | 26 | 0.06 | 0.050 | 15 |

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Page: 7 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000905.1

| Method Analyte Unit MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|----------------------------------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|--------|-----------|-----------|-----------|------|
| | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Hg ppm | Sc ppm | Tl ppm | S % | Ga ppm | Se ppm | Te ppm | |
| 1218362 | Soil | 17 | 0.29 | 76 | 0.005 | <1 | 1.08 | 0.003 | 0.03 | 0.1 | 0.04 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218363 | Soil | 13 | 0.22 | 63 | 0.007 | <1 | 0.84 | 0.003 | 0.03 | 0.1 | 0.07 | 0.9 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218364 | Soil | 19 | 0.27 | 52 | 0.013 | <1 | 0.99 | 0.003 | 0.03 | 0.2 | 0.02 | 0.7 | <0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 1218365 | Soil | 17 | 0.29 | 79 | 0.010 | <1 | 1.07 | 0.003 | 0.04 | 0.2 | 0.03 | 1.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218366 | Soil | 22 | 0.37 | 75 | 0.009 | <1 | 1.14 | 0.003 | 0.04 | 0.2 | 0.02 | 1.1 | 0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1218367 | Soil | 18 | 0.32 | 68 | 0.014 | 1 | 0.91 | 0.003 | 0.04 | 0.2 | 0.01 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218368 | Soil | 17 | 0.23 | 56 | 0.011 | <1 | 0.98 | 0.003 | 0.03 | 0.2 | 0.04 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218369 | Soil | 20 | 0.32 | 66 | 0.015 | <1 | 1.13 | 0.003 | 0.03 | 0.2 | 0.03 | 1.1 | <0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 1218370 | Soil | 18 | 0.25 | 90 | 0.021 | <1 | 1.05 | 0.004 | 0.04 | 0.2 | 0.03 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218371 | Soil | 18 | 0.23 | 65 | 0.013 | <1 | 1.01 | 0.003 | 0.02 | 0.2 | 0.05 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218372 | Soil | 16 | 0.26 | 67 | 0.027 | <1 | 0.83 | 0.003 | 0.04 | 0.3 | 0.02 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218373 | Soil | 23 | 0.29 | 176 | 0.012 | 1 | 1.38 | 0.006 | 0.05 | 0.3 | 0.07 | 0.7 | 0.1 | 0.11 | 4 | 0.6 | <0.2 |
| 1218374 | Soil | 21 | 0.33 | 87 | 0.022 | <1 | 1.17 | 0.004 | 0.04 | 0.3 | 0.03 | 1.4 | 0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 1218375 | Soil | 16 | 0.30 | 73 | 0.016 | <1 | 0.89 | 0.003 | 0.03 | 0.2 | 0.05 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218376 | Soil | 13 | 0.21 | 84 | 0.008 | <1 | 0.82 | 0.002 | 0.03 | 0.2 | 0.05 | 1.3 | <0.1 | <0.05 | 2 | 0.5 | <0.2 |
| 1218377 | Soil | 20 | 0.30 | 95 | 0.011 | <1 | 1.18 | 0.003 | 0.03 | 0.1 | 0.04 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218378 | Soil | 17 | 0.38 | 74 | 0.014 | <1 | 1.07 | 0.003 | 0.03 | 0.1 | 0.03 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218379 | Soil | 22 | 0.40 | 138 | 0.020 | <1 | 1.53 | 0.005 | 0.05 | 0.2 | 0.04 | 2.0 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218380 | Soil | 20 | 0.37 | 109 | 0.018 | <1 | 1.26 | 0.004 | 0.04 | 0.3 | 0.03 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218381 | Soil | 20 | 0.33 | 109 | 0.017 | <1 | 1.31 | 0.004 | 0.04 | 0.2 | 0.03 | 1.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218382 | Soil | 16 | 0.24 | 70 | 0.015 | <1 | 0.99 | 0.003 | 0.03 | 0.3 | 0.04 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218383 | Soil | 19 | 0.28 | 71 | 0.021 | <1 | 1.03 | 0.003 | 0.03 | 0.3 | 0.03 | 1.4 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1218384 | Soil | 17 | 0.31 | 73 | 0.024 | <1 | 0.89 | 0.004 | 0.03 | 0.2 | 0.02 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218385 | Soil | 15 | 0.27 | 72 | 0.013 | <1 | 0.94 | 0.003 | 0.03 | 0.3 | 0.04 | 1.2 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218386 | Soil | 42 | 0.45 | 83 | 0.016 | <1 | 1.26 | 0.003 | 0.03 | 0.2 | 0.04 | 2.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218387 | Soil | 16 | 0.28 | 63 | 0.016 | <1 | 0.91 | 0.003 | 0.03 | 0.2 | 0.03 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218388 | Soil | 22 | 0.42 | 73 | 0.010 | <1 | 1.28 | 0.003 | 0.03 | 0.1 | 0.03 | 1.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218389 | Soil | 19 | 0.28 | 72 | 0.009 | <1 | 1.03 | 0.003 | 0.03 | 0.2 | 0.03 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218390 | Soil | 17 | 0.26 | 56 | 0.013 | <1 | 0.93 | 0.003 | 0.03 | 0.2 | 0.02 | 1.1 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1218391 | Soil | 16 | 0.22 | 66 | 0.012 | <1 | 0.83 | 0.003 | 0.04 | 0.2 | 0.02 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

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| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1218392 | Soil | 0.9 | 17.2 | 9.7 | 50 | <0.1 | 16.3 | 7.2 | 253 | 2.13 | 11.4 | 1.5 | 1.1 | 7 | 0.1 | 0.7 | 0.2 | 30 | 0.06 | 0.055 | 15 |
| 1218393 | Soil | 0.9 | 17.3 | 11.0 | 55 | <0.1 | 15.5 | 6.3 | 207 | 2.27 | 12.6 | 23.8 | 1.8 | 6 | <0.1 | 0.6 | 0.2 | 33 | 0.04 | 0.041 | 16 |
| 1218394 | Soil | 0.9 | 15.6 | 9.4 | 47 | <0.1 | 14.6 | 5.6 | 212 | 2.00 | 9.5 | 1.6 | 1.1 | 6 | 0.1 | 0.6 | 0.1 | 29 | 0.05 | 0.050 | 17 |
| 1218395 | Soil | 0.8 | 13.6 | 8.6 | 44 | <0.1 | 13.5 | 5.4 | 198 | 1.98 | 8.9 | 3.5 | 0.9 | 6 | <0.1 | 0.5 | 0.3 | 31 | 0.06 | 0.043 | 14 |
| 1218396 | Soil | 0.9 | 23.6 | 8.7 | 60 | <0.1 | 22.1 | 9.5 | 290 | 1.98 | 10.3 | 2.6 | 3.6 | 9 | 0.2 | 0.8 | 0.2 | 30 | 0.11 | 0.059 | 17 |
| 1218397 | Soil | 0.8 | 18.6 | 11.2 | 50 | <0.1 | 20.7 | 8.6 | 257 | 2.18 | 9.8 | 2.4 | 1.8 | 7 | 0.1 | 0.6 | 0.2 | 31 | 0.06 | 0.042 | 19 |
| 1218398 | Soil | 1.1 | 15.4 | 12.7 | 46 | <0.1 | 15.7 | 6.3 | 205 | 2.06 | 9.2 | 4.2 | 1.2 | 6 | <0.1 | 0.5 | 0.4 | 34 | 0.05 | 0.040 | 16 |
| 1218399 | Soil | 0.9 | 16.6 | 12.0 | 51 | <0.1 | 19.4 | 8.9 | 296 | 2.11 | 9.5 | 3.8 | 3.0 | 8 | 0.2 | 0.6 | 0.2 | 30 | 0.09 | 0.047 | 16 |
| 1218400 | Soil | 0.7 | 16.2 | 10.5 | 49 | <0.1 | 19.9 | 9.2 | 310 | 1.92 | 13.0 | 3.4 | 4.2 | 7 | 0.1 | 0.8 | 0.2 | 25 | 0.08 | 0.046 | 13 |
| 1218401 | Soil | 1.2 | 26.0 | 12.3 | 53 | <0.1 | 19.6 | 7.4 | 253 | 2.31 | 9.2 | 2.7 | 3.1 | 6 | 0.1 | 0.6 | 0.2 | 30 | 0.06 | 0.037 | 25 |
| 1218402 | Soil | 1.4 | 41.9 | 15.6 | 62 | <0.1 | 25.1 | 12.8 | 529 | 2.68 | 12.5 | 3.7 | 4.1 | 9 | 0.2 | 0.8 | 0.2 | 37 | 0.08 | 0.052 | 25 |
| 1218403 | Soil | 1.0 | 19.3 | 12.2 | 47 | <0.1 | 17.2 | 7.5 | 220 | 2.15 | 10.2 | 6.8 | 1.8 | 6 | 0.1 | 0.6 | 0.2 | 29 | 0.06 | 0.042 | 22 |
| 1218404 | Soil | 0.9 | 21.7 | 13.6 | 51 | <0.1 | 19.0 | 6.9 | 194 | 2.10 | 8.7 | 2.7 | 4.0 | 7 | 0.1 | 0.5 | 0.2 | 25 | 0.07 | 0.040 | 27 |
| 1218405 | Soil | 0.9 | 14.1 | 11.2 | 46 | <0.1 | 15.6 | 7.0 | 270 | 2.02 | 10.1 | 3.9 | 0.7 | 8 | 0.1 | 0.6 | 0.2 | 34 | 0.09 | 0.057 | 15 |
| 1218406 | Soil | 1.1 | 17.5 | 11.3 | 50 | <0.1 | 17.5 | 7.1 | 215 | 2.39 | 11.5 | 3.1 | 2.1 | 7 | <0.1 | 0.6 | 0.2 | 42 | 0.06 | 0.040 | 14 |
| 1218407 | Soil | 1.0 | 16.9 | 11.7 | 48 | <0.1 | 14.9 | 6.6 | 249 | 2.09 | 9.2 | 1.9 | 0.9 | 7 | <0.1 | 0.7 | 0.2 | 34 | 0.07 | 0.046 | 16 |
| 1218408 | Soil | 0.9 | 18.1 | 11.2 | 42 | <0.1 | 15.1 | 5.8 | 211 | 1.94 | 7.8 | 1.6 | 1.1 | 6 | <0.1 | 0.8 | 0.2 | 29 | 0.07 | 0.040 | 20 |
| 1218409 | Soil | 0.9 | 10.6 | 9.9 | 33 | <0.1 | 10.8 | 3.6 | 104 | 1.76 | 7.3 | 2.2 | 0.5 | 6 | <0.1 | 0.4 | 0.2 | 31 | 0.06 | 0.039 | 18 |
| 1218410 | Soil | 1.0 | 24.1 | 10.7 | 55 | <0.1 | 19.5 | 10.7 | 439 | 2.33 | 10.7 | 3.7 | 4.7 | 8 | 0.1 | 0.7 | 0.2 | 30 | 0.09 | 0.052 | 24 |
| 1218411 | Soil | 0.7 | 16.0 | 9.5 | 47 | <0.1 | 14.8 | 6.1 | 220 | 1.92 | 6.6 | 5.6 | 2.3 | 7 | 0.1 | 0.5 | 0.2 | 26 | 0.06 | 0.045 | 23 |
| 1218412 | Soil | 1.0 | 18.9 | 10.7 | 48 | <0.1 | 20.5 | 10.4 | 431 | 2.27 | 8.0 | 4.2 | 2.5 | 8 | 0.1 | 0.6 | 0.2 | 32 | 0.07 | 0.054 | 21 |
| 1218413 | Soil | 0.8 | 23.6 | 9.6 | 42 | <0.1 | 18.0 | 7.3 | 229 | 2.29 | 9.1 | 2.0 | 2.5 | 7 | <0.1 | 0.6 | 0.2 | 35 | 0.07 | 0.038 | 18 |
| 1218414 | Soil | 0.7 | 16.9 | 9.1 | 46 | <0.1 | 18.5 | 11.5 | 496 | 1.91 | 9.6 | 0.5 | 2.7 | 7 | 0.1 | 0.6 | 0.1 | 27 | 0.08 | 0.047 | 18 |
| 1218415 | Soil | 0.8 | 25.3 | 9.4 | 52 | <0.1 | 23.7 | 9.4 | 245 | 2.39 | 8.8 | 2.0 | 3.7 | 8 | <0.1 | 0.7 | 0.2 | 30 | 0.08 | 0.039 | 30 |
| 1218416 | Soil | 0.6 | 12.0 | 6.8 | 31 | <0.1 | 11.2 | 4.5 | 129 | 1.43 | 5.6 | 1.7 | 1.1 | 5 | <0.1 | 0.4 | 0.1 | 22 | 0.04 | 0.032 | 21 |
| 1218417 | Soil | 1.2 | 12.9 | 10.7 | 47 | <0.1 | 14.0 | 11.6 | 548 | 2.41 | 12.6 | 14.9 | 1.8 | 6 | 0.1 | 0.7 | 0.2 | 40 | 0.07 | 0.057 | 13 |
| 1218418 | Soil | 0.9 | 10.2 | 9.5 | 34 | <0.1 | 11.8 | 4.0 | 106 | 1.76 | 7.7 | 1.8 | 1.2 | 7 | <0.1 | 0.6 | 0.2 | 36 | 0.07 | 0.032 | 17 |
| 1218419 | Soil | 0.8 | 15.9 | 9.2 | 44 | <0.1 | 15.2 | 5.6 | 178 | 1.84 | 8.1 | 2.8 | 1.9 | 8 | <0.1 | 0.6 | 0.2 | 32 | 0.08 | 0.042 | 18 |
| 1218420 | Soil | 0.6 | 15.8 | 11.8 | 37 | <0.1 | 14.5 | 4.4 | 105 | 1.65 | 6.0 | 30.7 | 0.8 | 7 | <0.1 | 0.6 | 0.1 | 26 | 0.08 | 0.041 | 20 |
| 1218421 | Soil | 0.9 | 25.3 | 13.7 | 56 | 0.2 | 22.0 | 10.7 | 448 | 2.26 | 12.2 | 2.1 | 5.3 | 9 | <0.1 | 0.8 | 0.2 | 33 | 0.09 | 0.048 | 22 |

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Project: Oliver
 Report Date: October 27, 2011

Page: 8 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000905.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1218392 | Soil | 18 | 0.28 | 76 | 0.015 | <1 | 1.00 | 0.003 | 0.03 | 0.2 | 0.03 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218393 | Soil | 20 | 0.30 | 95 | 0.010 | <1 | 1.21 | 0.003 | 0.04 | 0.2 | 0.05 | 1.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218394 | Soil | 19 | 0.29 | 76 | 0.011 | <1 | 1.08 | 0.003 | 0.03 | 0.1 | 0.03 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218395 | Soil | 19 | 0.31 | 64 | 0.012 | 1 | 1.07 | 0.003 | 0.03 | 0.2 | 0.03 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218396 | Soil | 18 | 0.32 | 81 | 0.020 | 1 | 1.02 | 0.003 | 0.04 | 0.3 | 0.04 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218397 | Soil | 20 | 0.34 | 90 | 0.016 | 1 | 1.12 | 0.003 | 0.06 | 0.2 | 0.04 | 1.2 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218398 | Soil | 20 | 0.30 | 78 | 0.014 | 1 | 1.19 | 0.003 | 0.05 | 0.2 | 0.04 | 1.0 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| 1218399 | Soil | 18 | 0.33 | 87 | 0.019 | 1 | 1.10 | 0.003 | 0.07 | 0.2 | 0.03 | 1.3 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218400 | Soil | 15 | 0.30 | 75 | 0.022 | <1 | 0.86 | 0.003 | 0.06 | 0.3 | 0.02 | 1.3 | 0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218401 | Soil | 19 | 0.38 | 72 | 0.012 | <1 | 1.14 | 0.004 | 0.03 | 0.2 | 0.03 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218402 | Soil | 22 | 0.40 | 226 | 0.017 | 1 | 1.34 | 0.005 | 0.04 | 0.2 | 0.07 | 3.0 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218403 | Soil | 17 | 0.31 | 89 | 0.012 | <1 | 1.03 | 0.003 | 0.03 | 0.2 | 0.04 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218404 | Soil | 17 | 0.33 | 73 | 0.013 | <1 | 1.00 | 0.003 | 0.03 | 0.2 | 0.04 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218405 | Soil | 19 | 0.27 | 69 | 0.014 | <1 | 1.01 | 0.005 | 0.03 | 0.3 | 0.05 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218406 | Soil | 24 | 0.39 | 87 | 0.025 | <1 | 1.27 | 0.004 | 0.03 | 0.2 | 0.04 | 1.7 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218407 | Soil | 20 | 0.33 | 70 | 0.017 | <1 | 1.12 | 0.004 | 0.03 | 0.2 | 0.04 | 1.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218408 | Soil | 17 | 0.29 | 59 | 0.010 | <1 | 0.95 | 0.003 | 0.03 | 0.1 | 0.05 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218409 | Soil | 18 | 0.29 | 64 | 0.012 | <1 | 1.00 | 0.004 | 0.03 | 0.2 | 0.04 | 0.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218410 | Soil | 20 | 0.33 | 90 | 0.022 | <1 | 1.10 | 0.004 | 0.04 | 0.2 | 0.05 | 2.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218411 | Soil | 18 | 0.32 | 62 | 0.014 | <1 | 1.03 | 0.004 | 0.03 | 0.2 | 0.04 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218412 | Soil | 21 | 0.31 | 81 | 0.017 | <1 | 1.10 | 0.004 | 0.03 | 0.2 | 0.03 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218413 | Soil | 22 | 0.30 | 155 | 0.016 | <1 | 1.06 | 0.004 | 0.03 | 0.2 | 0.04 | 1.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218414 | Soil | 19 | 0.28 | 65 | 0.019 | <1 | 0.89 | 0.003 | 0.04 | 0.2 | 0.03 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218415 | Soil | 23 | 0.38 | 136 | 0.016 | <1 | 1.18 | 0.004 | 0.03 | 0.1 | 0.03 | 1.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218416 | Soil | 16 | 0.24 | 75 | 0.009 | <1 | 0.84 | 0.003 | 0.02 | 0.1 | 0.04 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218417 | Soil | 22 | 0.31 | 59 | 0.022 | <1 | 1.18 | 0.004 | 0.04 | 0.2 | 0.04 | 1.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218418 | Soil | 22 | 0.29 | 78 | 0.018 | 1 | 1.16 | 0.004 | 0.04 | 0.1 | 0.03 | 1.1 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218419 | Soil | 21 | 0.31 | 101 | 0.021 | <1 | 1.09 | 0.004 | 0.04 | 0.2 | 0.05 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218420 | Soil | 19 | 0.32 | 71 | 0.013 | <1 | 1.05 | 0.004 | 0.03 | 0.2 | 0.04 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218421 | Soil | 21 | 0.35 | 295 | 0.023 | <1 | 1.11 | 0.004 | 0.05 | 0.3 | 0.05 | 2.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

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Project: Oliver
 Report Date: October 27, 2011

Page: 9 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000905.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1218422 | Soil | 0.8 | 10.2 | 12.8 | 34 | <0.1 | 11.5 | 4.2 | 130 | 1.63 | 6.3 | 5.3 | 0.5 | 7 | <0.1 | 0.5 | 0.2 | 30 | 0.07 | 0.041 | 17 |
| 1218423 | Soil | 0.8 | 28.9 | 14.2 | 70 | <0.1 | 28.9 | 12.9 | 528 | 2.66 | 9.5 | 14.4 | 7.7 | 9 | 0.2 | 5.3 | 0.2 | 27 | 0.08 | 0.040 | 32 |
| 1218424 | Soil | 0.8 | 20.1 | 12.1 | 51 | <0.1 | 21.0 | 10.5 | 374 | 2.14 | 9.4 | 1.4 | 3.2 | 9 | 0.1 | 1.0 | 0.2 | 28 | 0.09 | 0.048 | 22 |
| 1218425 | Soil | 0.9 | 13.0 | 12.0 | 40 | <0.1 | 13.4 | 6.7 | 256 | 1.82 | 8.3 | 8.6 | 0.6 | 7 | 0.1 | 0.6 | 0.2 | 29 | 0.07 | 0.049 | 15 |
| 1218426 | Soil | 0.9 | 13.0 | 10.0 | 38 | <0.1 | 12.9 | 4.8 | 137 | 1.75 | 7.9 | 0.9 | 0.9 | 7 | <0.1 | 0.5 | 0.2 | 30 | 0.06 | 0.036 | 17 |
| 1218427 | Soil | 0.9 | 13.1 | 13.2 | 36 | <0.1 | 12.5 | 4.2 | 120 | 1.63 | 6.4 | 1.2 | 0.5 | 7 | 0.2 | 0.7 | 0.2 | 26 | 0.06 | 0.051 | 20 |
| 1218428 | Soil | 0.8 | 17.8 | 14.8 | 51 | 0.1 | 15.5 | 8.4 | 349 | 1.87 | 9.5 | 1.5 | 0.6 | 15 | 0.2 | 0.5 | 0.2 | 33 | 0.25 | 0.047 | 22 |
| 1218429 | Soil | 0.9 | 11.1 | 9.7 | 39 | <0.1 | 11.9 | 5.2 | 179 | 1.96 | 10.1 | 8.0 | 0.8 | 9 | 0.1 | 0.5 | 0.2 | 37 | 0.10 | 0.045 | 14 |
| 1218430 | Soil | 0.7 | 10.7 | 10.2 | 39 | <0.1 | 12.8 | 5.8 | 239 | 1.89 | 9.8 | 0.7 | 2.2 | 7 | 0.1 | 0.7 | 0.1 | 28 | 0.09 | 0.044 | 13 |
| 1218431 | Soil | 0.5 | 25.8 | 9.2 | 54 | <0.1 | 18.5 | 7.7 | 236 | 1.81 | 10.3 | 4.0 | 4.3 | 12 | <0.1 | 0.8 | 0.2 | 25 | 0.13 | 0.055 | 17 |
| 1218432 | Soil | 0.6 | 24.6 | 10.1 | 63 | <0.1 | 18.9 | 9.1 | 362 | 2.03 | 13.2 | 3.2 | 4.0 | 12 | 0.1 | 0.8 | 0.2 | 28 | 0.13 | 0.060 | 19 |
| 1218433 | Soil | 0.6 | 18.1 | 9.0 | 45 | <0.1 | 15.3 | 6.3 | 249 | 1.74 | 12.2 | 2.4 | 2.9 | 9 | 0.2 | 0.7 | 0.2 | 23 | 0.10 | 0.063 | 13 |
| 1218434 | Soil | 0.9 | 16.2 | 11.0 | 48 | <0.1 | 14.9 | 6.2 | 212 | 1.91 | 10.1 | 4.8 | 3.0 | 9 | <0.1 | 0.8 | 0.2 | 29 | 0.10 | 0.056 | 17 |
| 1218435 | Soil | 0.8 | 16.6 | 10.7 | 59 | <0.1 | 15.8 | 7.3 | 305 | 2.06 | 11.5 | 13.9 | 2.2 | 15 | 0.2 | 0.8 | 0.2 | 30 | 0.19 | 0.064 | 18 |
| 1218436 | Soil | 1.0 | 13.9 | 12.0 | 49 | <0.1 | 13.7 | 8.0 | 353 | 2.14 | 11.3 | 4.2 | 1.1 | 9 | 0.1 | 0.7 | 0.2 | 32 | 0.08 | 0.054 | 18 |
| 1218437 | Soil | 0.8 | 10.9 | 13.9 | 40 | 0.1 | 11.4 | 4.2 | 103 | 1.85 | 9.7 | 11.9 | 0.6 | 8 | 0.1 | 0.6 | 0.2 | 31 | 0.07 | 0.055 | 14 |
| 1218438 | Soil | 0.6 | 9.2 | 9.9 | 37 | <0.1 | 10.1 | 4.2 | 99 | 1.59 | 7.6 | 10.0 | 1.0 | 7 | <0.1 | 0.5 | 0.2 | 24 | 0.07 | 0.043 | 14 |
| 1218439 | Soil | 0.4 | 8.3 | 9.0 | 37 | <0.1 | 10.5 | 3.6 | 74 | 1.36 | 5.4 | 12.4 | 0.9 | 7 | <0.1 | 0.4 | 0.2 | 20 | 0.06 | 0.040 | 15 |
| 1218440 | Soil | 0.6 | 7.6 | 8.7 | 35 | <0.1 | 9.6 | 3.3 | 74 | 1.44 | 6.6 | 1.4 | 1.2 | 6 | <0.1 | 0.4 | 0.2 | 21 | 0.06 | 0.042 | 15 |
| 1219121 | Soil | 1.2 | 13.6 | 12.2 | 46 | <0.1 | 13.8 | 6.8 | 290 | 2.50 | 11.2 | 9.3 | 0.6 | 10 | 0.2 | 0.7 | 0.2 | 46 | 0.11 | 0.048 | 13 |
| 1219122 | Soil | 1.0 | 15.7 | 9.0 | 60 | <0.1 | 15.8 | 7.1 | 319 | 2.08 | 9.0 | 19.0 | 1.1 | 17 | 0.2 | 0.6 | 0.2 | 38 | 0.19 | 0.073 | 14 |
| 1219123 | Soil | 0.8 | 15.2 | 9.3 | 51 | <0.1 | 14.2 | 6.2 | 229 | 2.01 | 10.6 | 1.7 | 1.9 | 7 | 0.2 | 0.6 | 0.2 | 31 | 0.07 | 0.051 | 14 |
| 1219124 | Soil | 0.8 | 19.8 | 9.5 | 59 | <0.1 | 18.9 | 7.4 | 251 | 2.02 | 8.2 | 6.5 | 4.1 | 8 | 0.3 | 0.7 | 0.1 | 28 | 0.08 | 0.048 | 19 |
| 1219125 | Soil | 0.8 | 20.8 | 9.0 | 57 | <0.1 | 16.5 | 7.9 | 263 | 1.96 | 8.6 | 15.6 | 2.3 | 8 | 0.3 | 0.6 | 0.2 | 30 | 0.08 | 0.050 | 22 |
| 1219126 | Soil | 0.8 | 23.3 | 9.7 | 59 | <0.1 | 17.3 | 8.4 | 223 | 2.10 | 8.4 | 2.6 | 3.2 | 8 | 0.2 | 0.6 | 0.2 | 26 | 0.07 | 0.051 | 24 |
| 1219127 | Soil | 0.6 | 23.0 | 8.3 | 54 | <0.1 | 18.8 | 6.6 | 264 | 1.81 | 9.7 | 9.7 | 5.8 | 11 | 0.3 | 0.8 | 0.1 | 25 | 0.12 | 0.066 | 19 |
| 1219128 | Soil | 0.7 | 18.2 | 9.1 | 49 | <0.1 | 14.7 | 5.7 | 162 | 1.94 | 7.3 | 1.6 | 1.8 | 7 | 0.1 | 0.6 | 0.2 | 25 | 0.07 | 0.047 | 21 |
| 1219129 | Soil | 0.7 | 19.5 | 9.8 | 51 | <0.1 | 15.6 | 6.3 | 194 | 1.95 | 7.7 | 1.5 | 2.4 | 8 | <0.1 | 0.6 | 0.2 | 25 | 0.07 | 0.046 | 20 |
| 1219130 | Soil | 0.8 | 15.8 | 10.3 | 50 | <0.1 | 13.9 | 5.0 | 162 | 1.90 | 8.4 | 1.1 | 1.2 | 7 | 0.1 | 0.6 | 0.2 | 29 | 0.06 | 0.055 | 17 |
| 1219131 | Soil | 1.0 | 13.5 | 11.3 | 53 | <0.1 | 12.8 | 5.4 | 209 | 2.10 | 11.4 | 5.0 | 1.2 | 7 | 0.1 | 0.7 | 0.2 | 36 | 0.06 | 0.051 | 13 |

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 1300 - 111 West Georgia Street
 Vancouver BC V6E 4M3 Canada

Project: Oliver
 Report Date: October 27, 2011

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CERTIFICATE OF ANALYSIS

WHI11000905.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | MDL | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1218422 | Soil | 16 | 0.27 | 62 | 0.012 | <1 | 0.96 | 0.004 | 0.03 | 0.2 | 0.03 | 0.6 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218423 | Soil | 18 | 0.34 | 150 | 0.019 | <1 | 1.07 | 0.004 | 0.05 | 0.1 | 0.03 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218424 | Soil | 19 | 0.33 | 94 | 0.017 | <1 | 1.01 | 0.004 | 0.04 | 0.2 | 0.02 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218425 | Soil | 18 | 0.26 | 60 | 0.010 | <1 | 0.88 | 0.004 | 0.04 | 0.2 | 0.03 | 0.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218426 | Soil | 16 | 0.26 | 58 | 0.013 | <1 | 0.90 | 0.003 | 0.03 | 0.2 | 0.03 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218427 | Soil | 15 | 0.24 | 86 | 0.008 | <1 | 0.88 | 0.005 | 0.04 | 0.2 | 0.04 | 0.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218428 | Soil | 17 | 0.26 | 192 | 0.010 | <1 | 0.97 | 0.005 | 0.03 | 0.2 | 0.06 | 0.9 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218429 | Soil | 19 | 0.28 | 81 | 0.017 | <1 | 1.00 | 0.004 | 0.03 | 0.3 | 0.05 | 0.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218430 | Soil | 15 | 0.24 | 45 | 0.018 | <1 | 0.69 | 0.003 | 0.03 | 0.2 | 0.03 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218431 | Soil | 17 | 0.33 | 200 | 0.022 | 2 | 0.90 | 0.005 | 0.03 | 0.3 | 0.04 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218432 | Soil | 18 | 0.34 | 221 | 0.020 | <1 | 0.99 | 0.005 | 0.03 | 0.3 | 0.05 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218433 | Soil | 15 | 0.27 | 75 | 0.016 | 2 | 0.82 | 0.004 | 0.03 | 0.3 | 0.03 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218434 | Soil | 17 | 0.31 | 82 | 0.018 | 1 | 1.01 | 0.005 | 0.04 | 0.3 | 0.03 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218435 | Soil | 19 | 0.33 | 202 | 0.019 | 2 | 1.02 | 0.006 | 0.04 | 0.4 | 0.02 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218436 | Soil | 19 | 0.29 | 119 | 0.015 | 2 | 0.98 | 0.005 | 0.03 | 0.4 | 0.02 | 0.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218437 | Soil | 18 | 0.29 | 114 | 0.011 | 2 | 1.03 | 0.006 | 0.03 | 0.3 | 0.06 | 0.6 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218438 | Soil | 14 | 0.25 | 99 | 0.009 | 2 | 0.84 | 0.004 | 0.03 | 0.5 | 0.03 | 0.7 | <0.1 | 0.05 | 3 | <0.5 | <0.2 |
| 1218439 | Soil | 14 | 0.26 | 95 | 0.010 | 1 | 0.91 | 0.004 | 0.03 | 0.4 | 0.04 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218440 | Soil | 14 | 0.26 | 83 | 0.009 | <1 | 0.84 | 0.004 | 0.03 | 0.3 | 0.03 | 0.8 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219121 | Soil | 22 | 0.31 | 120 | 0.018 | 1 | 1.16 | 0.004 | 0.04 | 0.2 | 0.02 | 1.1 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1219122 | Soil | 19 | 0.37 | 139 | 0.017 | 1 | 0.97 | 0.005 | 0.04 | 0.2 | 0.03 | 1.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219123 | Soil | 17 | 0.31 | 86 | 0.015 | 1 | 1.08 | 0.004 | 0.03 | 0.2 | 0.02 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219124 | Soil | 18 | 0.34 | 107 | 0.016 | <1 | 1.12 | 0.004 | 0.03 | 0.2 | 0.05 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219125 | Soil | 18 | 0.33 | 116 | 0.018 | 2 | 1.10 | 0.004 | 0.03 | 0.3 | 0.03 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219126 | Soil | 17 | 0.32 | 87 | 0.018 | <1 | 1.11 | 0.003 | 0.03 | 0.2 | 0.05 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219127 | Soil | 16 | 0.29 | 80 | 0.023 | 1 | 0.79 | 0.003 | 0.04 | 0.3 | 0.02 | 1.4 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219128 | Soil | 16 | 0.33 | 72 | 0.016 | 1 | 1.05 | 0.003 | 0.03 | 0.2 | 0.04 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219129 | Soil | 17 | 0.32 | 149 | 0.014 | <1 | 1.06 | 0.003 | 0.03 | 0.2 | 0.03 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219130 | Soil | 17 | 0.29 | 67 | 0.013 | <1 | 1.07 | 0.003 | 0.03 | 0.3 | 0.03 | 0.9 | <0.1 | 0.05 | 3 | <0.5 | <0.2 |
| 1219131 | Soil | 19 | 0.30 | 84 | 0.016 | 1 | 1.12 | 0.003 | 0.04 | 0.2 | 0.02 | 1.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |



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Project: Oliver
 Report Date: October 27, 2011

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CERTIFICATE OF ANALYSIS

WHI11000905.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1219132 | Soil | 0.8 | 18.2 | 11.9 | 51 | <0.1 | 16.1 | 5.4 | 171 | 2.11 | 10.2 | 1.7 | 1.7 | 6 | 0.1 | 0.6 | 0.2 | 31 | 0.05 | 0.045 | 20 |
| 1219133 | Soil | 0.7 | 15.9 | 10.0 | 56 | <0.1 | 15.0 | 7.6 | 230 | 1.83 | 11.7 | 2.3 | 4.3 | 9 | 0.2 | 0.7 | 0.1 | 26 | 0.09 | 0.057 | 17 |
| 1219134 | Soil | 0.7 | 9.0 | 8.8 | 37 | <0.1 | 9.3 | 4.0 | 163 | 1.76 | 9.4 | 1.8 | 1.0 | 6 | <0.1 | 0.6 | 0.2 | 30 | 0.05 | 0.039 | 13 |
| 1219135 | Soil | 0.8 | 12.8 | 13.5 | 55 | <0.1 | 12.2 | 7.0 | 354 | 2.06 | 10.5 | 1.1 | 2.9 | 8 | 0.2 | 0.7 | 0.2 | 29 | 0.07 | 0.056 | 17 |
| 1219136 | Soil | 0.8 | 10.4 | 11.3 | 42 | <0.1 | 10.8 | 5.1 | 214 | 1.88 | 9.4 | 1.0 | 1.7 | 7 | 0.1 | 0.6 | 0.2 | 30 | 0.07 | 0.050 | 15 |
| 1219137 | Soil | 1.0 | 13.4 | 9.6 | 60 | <0.1 | 11.4 | 6.9 | 393 | 2.37 | 11.1 | 1.5 | 2.1 | 8 | 0.2 | 0.7 | 0.2 | 36 | 0.08 | 0.060 | 14 |
| 1219138 | Soil | 0.7 | 9.9 | 9.8 | 45 | <0.1 | 10.6 | 4.1 | 152 | 1.92 | 9.4 | 8.1 | 1.3 | 6 | 0.1 | 0.6 | 0.2 | 29 | 0.05 | 0.047 | 12 |
| 1219139 | Soil | 0.8 | 12.5 | 11.3 | 43 | <0.1 | 12.1 | 4.9 | 172 | 1.67 | 8.2 | 1.9 | 1.5 | 6 | 0.1 | 0.6 | 0.2 | 24 | 0.05 | 0.040 | 17 |
| 1219140 | Soil | 0.6 | 21.9 | 13.5 | 50 | <0.1 | 14.3 | 5.8 | 250 | 1.94 | 7.6 | 2.3 | 6.9 | 6 | 0.1 | 0.6 | 0.2 | 22 | 0.04 | 0.029 | 29 |
| 1219141 | Soil | 0.7 | 9.9 | 10.1 | 34 | <0.1 | 8.9 | 3.5 | 126 | 1.47 | 6.0 | 6.7 | 0.8 | 6 | <0.1 | 0.4 | 0.2 | 24 | 0.04 | 0.041 | 17 |
| 1219142 | Soil | 0.7 | 10.8 | 10.5 | 42 | <0.1 | 11.4 | 4.6 | 188 | 1.65 | 8.0 | 1.4 | 1.5 | 6 | 0.2 | 0.6 | 0.1 | 26 | 0.05 | 0.044 | 16 |
| 1219143 | Soil | 0.8 | 23.1 | 13.7 | 59 | <0.1 | 15.9 | 9.4 | 294 | 2.22 | 9.0 | 1.8 | 6.3 | 9 | 0.2 | 0.7 | 0.2 | 30 | 0.08 | 0.046 | 24 |
| 1219144 | Soil | 0.6 | 19.0 | 11.4 | 48 | <0.1 | 14.3 | 6.5 | 159 | 1.82 | 7.3 | 1.3 | 4.3 | 7 | <0.1 | 0.5 | 0.1 | 24 | 0.06 | 0.038 | 22 |
| 1219145 | Soil | 0.5 | 26.4 | 9.7 | 54 | <0.1 | 17.9 | 7.4 | 307 | 1.81 | 9.5 | 8.4 | 5.3 | 8 | 0.2 | 0.6 | 0.1 | 25 | 0.08 | 0.056 | 21 |
| 1219146 | Soil | 0.7 | 13.2 | 9.1 | 40 | <0.1 | 13.0 | 6.7 | 272 | 1.76 | 7.3 | <0.5 | 2.2 | 7 | 0.1 | 0.5 | 0.1 | 25 | 0.06 | 0.043 | 17 |
| 1219147 | Soil | 0.7 | 12.2 | 10.2 | 36 | <0.1 | 11.7 | 4.9 | 151 | 1.71 | 7.9 | 2.2 | 1.4 | 5 | <0.1 | 0.4 | 0.2 | 24 | 0.05 | 0.042 | 14 |
| 1219148 | Soil | 0.6 | 13.5 | 11.8 | 41 | <0.1 | 12.6 | 9.4 | 501 | 1.94 | 8.5 | 1.0 | 1.3 | 6 | <0.1 | 0.5 | 0.2 | 26 | 0.04 | 0.048 | 17 |
| 1219149 | Soil | 0.6 | 11.6 | 11.8 | 43 | <0.1 | 12.7 | 8.5 | 364 | 1.87 | 8.2 | 2.0 | 1.8 | 6 | <0.1 | 0.5 | 0.2 | 24 | 0.04 | 0.039 | 15 |
| 1219150 | Soil | 0.7 | 14.9 | 9.2 | 52 | <0.1 | 14.9 | 6.0 | 227 | 1.94 | 9.9 | 2.2 | 2.9 | 7 | 0.2 | 0.6 | 0.2 | 23 | 0.07 | 0.048 | 14 |
| 1219151 | Soil | 0.6 | 7.4 | 7.1 | 20 | <0.1 | 5.8 | 2.5 | 119 | 1.06 | 5.3 | 0.8 | 0.2 | 4 | <0.1 | 0.3 | 0.1 | 18 | 0.02 | 0.036 | 12 |
| 1219152 | Soil | 0.6 | 23.2 | 7.8 | 53 | <0.1 | 19.0 | 6.1 | 252 | 2.00 | 7.2 | 1.3 | 5.7 | 7 | 0.1 | 0.5 | 0.1 | 19 | 0.04 | 0.035 | 27 |
| 1219153 | Soil | 1.1 | 10.9 | 11.9 | 41 | <0.1 | 9.9 | 4.5 | 166 | 2.19 | 10.7 | 0.8 | 1.9 | 6 | 0.1 | 0.6 | 0.2 | 35 | 0.05 | 0.068 | 12 |
| 1219154 | Soil | 0.7 | 12.6 | 9.6 | 43 | <0.1 | 11.6 | 5.9 | 200 | 1.98 | 8.9 | 1.6 | 2.9 | 7 | <0.1 | 0.4 | 0.1 | 25 | 0.06 | 0.052 | 15 |
| 1219155 | Soil | 0.7 | 22.7 | 10.2 | 63 | <0.1 | 17.4 | 8.2 | 321 | 1.95 | 11.3 | 4.3 | 4.3 | 8 | 0.2 | 0.8 | 0.2 | 20 | 0.07 | 0.055 | 14 |
| 1219156 | Soil | 1.0 | 15.3 | 10.7 | 49 | <0.1 | 14.2 | 7.3 | 293 | 1.95 | 9.2 | 1.1 | 5.2 | 6 | <0.1 | 0.6 | 0.1 | 25 | 0.06 | 0.048 | 13 |
| 1219157 | Soil | 1.0 | 15.0 | 10.4 | 47 | <0.1 | 14.3 | 6.6 | 213 | 2.07 | 11.5 | 0.6 | 3.3 | 6 | <0.1 | 0.7 | 0.2 | 30 | 0.05 | 0.038 | 12 |
| 1219158 | Soil | 1.0 | 8.9 | 11.0 | 40 | <0.1 | 9.8 | 8.2 | 409 | 2.41 | 12.9 | <0.5 | 3.0 | 4 | <0.1 | 0.7 | 0.2 | 32 | 0.03 | 0.049 | 9 |
| 1219159 | Soil | 1.0 | 10.2 | 8.6 | 40 | <0.1 | 12.1 | 4.5 | 191 | 2.30 | 11.9 | <0.5 | 2.3 | 7 | 0.1 | 0.7 | 0.2 | 32 | 0.07 | 0.058 | 10 |
| 1219160 | Soil | 0.8 | 18.2 | 9.2 | 44 | <0.1 | 15.4 | 7.0 | 252 | 1.81 | 8.4 | 0.8 | 5.4 | 6 | <0.1 | 0.6 | 0.2 | 25 | 0.05 | 0.036 | 19 |
| 1219351 | Soil | 0.7 | 17.0 | 13.3 | 49 | <0.1 | 14.1 | 4.9 | 193 | 2.07 | 7.6 | 5.0 | 1.5 | 6 | 0.1 | 0.7 | 0.2 | 22 | 0.04 | 0.056 | 28 |

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Project: Oliver
Report Date: October 27, 2011

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CERTIFICATE OF ANALYSIS

WHI11000905.1

| Method | Analyte | Unit | MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | | |
|---------|---------|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| | | | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| | | | | ppm | % | ppm | % | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | | |
| | | | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1219132 | Soil | | | 20 | 0.31 | 120 | 0.016 | <1 | 1.15 | 0.003 | 0.06 | 0.2 | 0.04 | 1.3 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219133 | Soil | | | 15 | 0.31 | 88 | 0.019 | 1 | 0.94 | 0.004 | 0.03 | 0.2 | 0.03 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219134 | Soil | | | 14 | 0.22 | 77 | 0.019 | <1 | 0.87 | 0.003 | 0.03 | 0.3 | 0.02 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219135 | Soil | | | 17 | 0.28 | 96 | 0.016 | 1 | 1.21 | 0.003 | 0.04 | 0.3 | 0.02 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219136 | Soil | | | 15 | 0.23 | 61 | 0.018 | 1 | 0.87 | 0.003 | 0.04 | 0.4 | 0.01 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219137 | Soil | | | 21 | 0.33 | 95 | 0.022 | 1 | 1.38 | 0.004 | 0.04 | 0.3 | 0.04 | 1.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219138 | Soil | | | 16 | 0.23 | 69 | 0.013 | <1 | 0.98 | 0.003 | 0.03 | 0.3 | 0.02 | 0.9 | 0.1 | 0.07 | 3 | <0.5 | <0.2 |
| 1219139 | Soil | | | 14 | 0.22 | 80 | 0.011 | <1 | 0.88 | 0.003 | 0.04 | 0.2 | 0.04 | 0.8 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219140 | Soil | | | 14 | 0.21 | 138 | 0.012 | 1 | 0.97 | 0.003 | 0.06 | 0.2 | 0.05 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219141 | Soil | | | 15 | 0.20 | 81 | 0.009 | <1 | 0.99 | 0.003 | 0.04 | 0.2 | 0.02 | 0.6 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219142 | Soil | | | 14 | 0.20 | 62 | 0.013 | <1 | 0.83 | 0.003 | 0.04 | 0.3 | 0.02 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219143 | Soil | | | 18 | 0.31 | 282 | 0.021 | 3 | 1.17 | 0.005 | 0.07 | 0.3 | 0.04 | 2.2 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219144 | Soil | | | 16 | 0.29 | 128 | 0.014 | <1 | 1.01 | 0.003 | 0.03 | 0.2 | 0.03 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219145 | Soil | | | 15 | 0.28 | 119 | 0.019 | <1 | 0.96 | 0.003 | 0.04 | 0.2 | 0.04 | 2.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219146 | Soil | | | 16 | 0.24 | 81 | 0.012 | <1 | 0.86 | 0.003 | 0.03 | 0.2 | 0.02 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219147 | Soil | | | 16 | 0.25 | 89 | 0.011 | 1 | 0.95 | 0.003 | 0.03 | 0.3 | 0.03 | 0.8 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1219148 | Soil | | | 18 | 0.27 | 180 | 0.010 | 1 | 1.10 | 0.003 | 0.03 | 0.3 | 0.03 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219149 | Soil | | | 16 | 0.26 | 160 | 0.008 | <1 | 0.99 | 0.003 | 0.03 | 0.3 | 0.02 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219150 | Soil | | | 17 | 0.28 | 112 | 0.012 | 2 | 0.98 | 0.003 | 0.04 | 0.3 | 0.05 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219151 | Soil | | | 9 | 0.11 | 47 | 0.006 | <1 | 0.47 | 0.002 | 0.03 | 0.2 | 0.02 | 0.2 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219152 | Soil | | | 15 | 0.28 | 203 | 0.017 | <1 | 0.90 | 0.003 | 0.04 | 0.2 | 0.03 | 1.6 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219153 | Soil | | | 17 | 0.26 | 70 | 0.019 | <1 | 1.13 | 0.004 | 0.03 | 0.2 | 0.03 | 1.3 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1219154 | Soil | | | 16 | 0.30 | 78 | 0.015 | <1 | 1.06 | 0.004 | 0.04 | 0.2 | 0.04 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219155 | Soil | | | 14 | 0.30 | 103 | 0.013 | <1 | 0.95 | 0.005 | 0.04 | 0.2 | 0.02 | 1.4 | <0.1 | <0.05 | 2 | 0.7 | <0.2 |
| 1219156 | Soil | | | 15 | 0.29 | 69 | 0.021 | <1 | 1.00 | 0.003 | 0.03 | 0.2 | 0.03 | 1.7 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 1219157 | Soil | | | 17 | 0.32 | 96 | 0.017 | <1 | 1.07 | 0.003 | 0.04 | 0.2 | 0.05 | 1.9 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1219158 | Soil | | | 16 | 0.22 | 46 | 0.022 | <1 | 0.82 | 0.003 | 0.03 | 0.2 | 0.04 | 1.3 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1219159 | Soil | | | 15 | 0.25 | 49 | 0.023 | 1 | 0.77 | 0.003 | 0.03 | 0.2 | 0.03 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219160 | Soil | | | 15 | 0.28 | 114 | 0.017 | <1 | 0.88 | 0.003 | 0.03 | 0.2 | 0.02 | 1.7 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1219351 | Soil | | | 14 | 0.32 | 64 | 0.009 | <1 | 1.05 | 0.003 | 0.04 | 0.1 | 0.02 | 0.6 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |

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 1300 - 111 West Georgia Street
 Vancouver BC V6E 4M3 Canada

Project: Oliver
 Report Date: October 27, 2011

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CERTIFICATE OF ANALYSIS

WHI11000905.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1219352 | Soil | 0.7 | 20.3 | 14.7 | 56 | <0.1 | 16.9 | 6.8 | 257 | 2.27 | 8.8 | 2.3 | 2.9 | 7 | 0.2 | 0.7 | 0.2 | 23 | 0.04 | 0.052 | 28 |
| 1219353 | Soil | 0.9 | 18.4 | 10.0 | 48 | <0.1 | 14.4 | 5.6 | 196 | 1.96 | 10.8 | 12.3 | 0.8 | 7 | 0.2 | 0.8 | 0.2 | 31 | 0.07 | 0.063 | 16 |
| 1219354 | Soil | 1.0 | 15.8 | 9.6 | 52 | <0.1 | 15.3 | 6.0 | 206 | 1.92 | 10.4 | 3.8 | 2.4 | 8 | 0.2 | 0.7 | 0.2 | 27 | 0.08 | 0.051 | 14 |
| 1219355 | Soil | 0.8 | 25.4 | 9.1 | 56 | <0.1 | 16.9 | 7.6 | 228 | 1.92 | 10.6 | 2.5 | 2.1 | 8 | 0.1 | 0.8 | 0.1 | 27 | 0.08 | 0.059 | 12 |
| 1219356 | Soil | 0.9 | 18.9 | 16.1 | 65 | <0.1 | 17.6 | 8.2 | 319 | 2.32 | 12.0 | 1.4 | 1.9 | 8 | 0.2 | 0.8 | 0.2 | 33 | 0.06 | 0.052 | 17 |
| 1219357 | Soil | 0.9 | 12.0 | 10.4 | 33 | 0.1 | 9.8 | 6.3 | 236 | 1.54 | 7.6 | 2.6 | 0.3 | 7 | 0.1 | 0.5 | 0.1 | 27 | 0.07 | 0.074 | 12 |
| 1219358 | Soil | 0.9 | 20.8 | 9.0 | 58 | <0.1 | 17.1 | 6.1 | 210 | 1.96 | 8.9 | 30.3 | 2.3 | 11 | 0.2 | 0.7 | 0.1 | 32 | 0.13 | 0.067 | 16 |
| 1219359 | Soil | 0.8 | 11.0 | 8.5 | 41 | <0.1 | 10.7 | 4.0 | 124 | 1.71 | 8.8 | 1.1 | 1.1 | 7 | 0.1 | 0.6 | 0.1 | 27 | 0.07 | 0.047 | 10 |
| 1219360 | Soil | 1.3 | 17.3 | 11.4 | 54 | <0.1 | 14.3 | 6.6 | 241 | 2.32 | 11.5 | 2.4 | 0.6 | 8 | 0.2 | 0.6 | 0.2 | 41 | 0.07 | 0.066 | 16 |
| 1219361 | Soil | 1.0 | 12.1 | 9.4 | 44 | <0.1 | 12.3 | 5.5 | 201 | 1.95 | 10.4 | 0.9 | 0.7 | 6 | <0.1 | 0.7 | 0.2 | 33 | 0.05 | 0.051 | 10 |
| 1219362 | Soil | 1.1 | 18.8 | 10.8 | 49 | <0.1 | 16.9 | 7.2 | 215 | 2.07 | 8.4 | 2.3 | 0.6 | 8 | 0.2 | 0.6 | 0.2 | 29 | 0.07 | 0.068 | 16 |
| 1219363 | Soil | 0.9 | 12.2 | 9.8 | 39 | <0.1 | 11.2 | 4.8 | 172 | 1.79 | 9.3 | 0.8 | 0.4 | 6 | 0.1 | 0.6 | 0.1 | 30 | 0.06 | 0.045 | 10 |
| 1219364 | Soil | 0.9 | 14.3 | 12.5 | 44 | <0.1 | 13.5 | 4.9 | 170 | 2.11 | 11.7 | 5.9 | 1.1 | 6 | <0.1 | 0.7 | 0.2 | 32 | 0.05 | 0.042 | 11 |
| 1219365 | Soil | 1.2 | 22.3 | 11.9 | 58 | <0.1 | 24.1 | 8.6 | 315 | 2.16 | 10.5 | 5.7 | 3.6 | 9 | 0.2 | 0.7 | 0.2 | 25 | 0.10 | 0.059 | 17 |
| 1219366 | Soil | 0.9 | 12.5 | 9.4 | 41 | <0.1 | 11.7 | 4.8 | 157 | 1.95 | 10.9 | <0.5 | 0.6 | 6 | <0.1 | 0.6 | 0.2 | 32 | 0.05 | 0.052 | 13 |
| 1219367 | Soil | 0.8 | 13.2 | 9.0 | 47 | <0.1 | 14.2 | 6.9 | 270 | 1.99 | 10.8 | 1.4 | 2.5 | 8 | 0.2 | 0.7 | 0.1 | 29 | 0.08 | 0.052 | 11 |
| 1219368 | Soil | 1.6 | 13.2 | 11.5 | 57 | <0.1 | 13.5 | 7.3 | 289 | 2.34 | 11.0 | 4.0 | 0.6 | 9 | 0.2 | 0.9 | 0.2 | 51 | 0.08 | 0.054 | 10 |
| 1219369 | Soil | 0.9 | 14.4 | 9.9 | 45 | <0.1 | 15.2 | 6.4 | 180 | 1.95 | 13.2 | 11.4 | 3.7 | 7 | 0.1 | 0.8 | 0.1 | 28 | 0.08 | 0.046 | 10 |
| 1219370 | Soil | 0.8 | 14.1 | 7.9 | 46 | <0.1 | 13.0 | 6.1 | 228 | 1.83 | 11.0 | 2.0 | 2.8 | 10 | <0.1 | 0.7 | 0.1 | 25 | 0.12 | 0.059 | 12 |
| 1219371 | Soil | 0.7 | 17.0 | 7.9 | 50 | <0.1 | 15.9 | 5.7 | 162 | 1.78 | 8.4 | 2.2 | 3.1 | 10 | 0.2 | 0.6 | 0.1 | 29 | 0.13 | 0.055 | 12 |
| 1219372 | Soil | 0.6 | 20.7 | 8.3 | 40 | <0.1 | 18.0 | 6.6 | 204 | 1.76 | 9.1 | 7.2 | 1.8 | 7 | 0.1 | 0.5 | 0.1 | 28 | 0.09 | 0.045 | 12 |
| 1219373 | Soil | 1.0 | 19.6 | 9.3 | 52 | <0.1 | 20.6 | 8.2 | 249 | 2.27 | 11.5 | 18.6 | 3.8 | 10 | 0.2 | 0.8 | 0.2 | 27 | 0.11 | 0.053 | 13 |
| 1219374 | Soil | 1.0 | 18.0 | 9.7 | 51 | <0.1 | 20.2 | 9.2 | 349 | 2.18 | 14.0 | 7.9 | 2.7 | 10 | 0.2 | 0.7 | 0.2 | 28 | 0.11 | 0.056 | 13 |
| 1219375 | Soil | 1.1 | 10.1 | 10.3 | 36 | <0.1 | 10.0 | 5.2 | 225 | 2.02 | 13.8 | <0.5 | 0.7 | 6 | 0.1 | 0.6 | 0.2 | 37 | 0.06 | 0.035 | 12 |
| 1219376 | Soil | 1.2 | 9.5 | 11.2 | 37 | <0.1 | 10.4 | 4.6 | 198 | 2.12 | 15.9 | 5.8 | 0.9 | 9 | <0.1 | 0.4 | 0.2 | 40 | 0.06 | 0.048 | 12 |
| 1219377 | Soil | 1.0 | 14.7 | 10.0 | 48 | <0.1 | 13.6 | 7.1 | 289 | 2.31 | 13.9 | 11.3 | 1.1 | 8 | 0.1 | 0.6 | 0.2 | 35 | 0.07 | 0.049 | 13 |
| 1219378 | Soil | 0.8 | 10.4 | 9.5 | 46 | <0.1 | 12.3 | 6.5 | 199 | 2.30 | 11.0 | 27.0 | 3.0 | 7 | 0.2 | 0.5 | 0.2 | 31 | 0.08 | 0.047 | 10 |
| 1219379 | Soil | 1.2 | 12.2 | 8.2 | 40 | <0.1 | 11.8 | 6.4 | 330 | 2.23 | 13.8 | 2.0 | 2.1 | 4 | 0.1 | 0.6 | 0.2 | 37 | 0.03 | 0.039 | 12 |
| 1219380 | Soil | 1.0 | 11.1 | 8.3 | 46 | <0.1 | 11.9 | 4.9 | 172 | 2.29 | 12.9 | 2.1 | 3.9 | 6 | 0.2 | 0.7 | 0.2 | 32 | 0.05 | 0.044 | 11 |
| 1219381 | Soil | 0.7 | 14.3 | 10.0 | 43 | <0.1 | 12.0 | 4.2 | 97 | 2.08 | 11.4 | 4.4 | 3.7 | 7 | <0.1 | 0.6 | 0.1 | 27 | 0.07 | 0.036 | 11 |

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 Report Date: October 27, 2011

Page: 11 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000905.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1219352 | Soil | 16 | 0.36 | 72 | 0.012 | <1 | 1.12 | 0.003 | 0.03 | 0.2 | 0.03 | 1.1 | 0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1219353 | Soil | 19 | 0.30 | 98 | 0.013 | <1 | 1.11 | 0.004 | 0.04 | 0.2 | 0.05 | 1.2 | 0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1219354 | Soil | 15 | 0.29 | 68 | 0.017 | <1 | 0.92 | 0.004 | 0.03 | 0.2 | 0.03 | 1.2 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 1219355 | Soil | 15 | 0.31 | 87 | 0.026 | <1 | 0.91 | 0.003 | 0.03 | 0.3 | 0.04 | 1.8 | <0.1 | <0.05 | 3 | 1.1 | <0.2 |
| 1219356 | Soil | 19 | 0.31 | 106 | 0.019 | <1 | 1.15 | 0.004 | 0.04 | 0.3 | 0.04 | 1.5 | 0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1219357 | Soil | 14 | 0.17 | 139 | 0.007 | <1 | 0.72 | 0.004 | 0.03 | 0.4 | 0.08 | 0.6 | <0.1 | <0.05 | 3 | 1.0 | <0.2 |
| 1219358 | Soil | 18 | 0.33 | 99 | 0.021 | <1 | 1.00 | 0.004 | 0.04 | 0.3 | 0.04 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219359 | Soil | 14 | 0.24 | 56 | 0.013 | <1 | 0.87 | 0.003 | 0.03 | 0.3 | 0.04 | 0.9 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 1219360 | Soil | 21 | 0.31 | 161 | 0.014 | 1 | 1.32 | 0.004 | 0.03 | 0.2 | 0.04 | 1.2 | 0.1 | <0.05 | 4 | 0.7 | <0.2 |
| 1219361 | Soil | 17 | 0.27 | 77 | 0.013 | <1 | 1.04 | 0.003 | 0.04 | 0.2 | 0.04 | 1.0 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1219362 | Soil | 18 | 0.27 | 95 | 0.009 | <1 | 1.03 | 0.004 | 0.04 | 0.2 | 0.05 | 0.7 | 0.1 | <0.05 | 3 | 1.1 | <0.2 |
| 1219363 | Soil | 14 | 0.21 | 64 | 0.014 | <1 | 0.81 | 0.004 | 0.04 | 0.2 | 0.03 | 0.6 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1219364 | Soil | 17 | 0.29 | 113 | 0.015 | <1 | 1.01 | 0.003 | 0.04 | 0.3 | 0.07 | 1.2 | 0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1219365 | Soil | 21 | 0.34 | 92 | 0.016 | <1 | 0.92 | 0.004 | 0.03 | 0.2 | 0.02 | 1.5 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1219366 | Soil | 17 | 0.25 | 98 | 0.012 | <1 | 0.96 | 0.004 | 0.03 | 0.2 | 0.05 | 1.1 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1219367 | Soil | 17 | 0.30 | 90 | 0.018 | <1 | 1.10 | 0.004 | 0.03 | 0.3 | 0.03 | 1.7 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 1219368 | Soil | 23 | 0.32 | 104 | 0.024 | <1 | 1.48 | 0.005 | 0.03 | 0.2 | 0.04 | 1.4 | 0.1 | <0.05 | 5 | 0.9 | <0.2 |
| 1219369 | Soil | 14 | 0.22 | 57 | 0.021 | <1 | 0.89 | 0.004 | 0.03 | 0.3 | 0.04 | 1.4 | <0.1 | <0.05 | 2 | 0.7 | <0.2 |
| 1219370 | Soil | 15 | 0.26 | 73 | 0.018 | <1 | 0.90 | 0.004 | 0.03 | 0.3 | 0.02 | 1.4 | <0.1 | <0.05 | 2 | 0.7 | <0.2 |
| 1219371 | Soil | 17 | 0.29 | 85 | 0.024 | <1 | 0.89 | 0.004 | 0.03 | 0.3 | 0.03 | 1.6 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1219372 | Soil | 21 | 0.36 | 80 | 0.020 | <1 | 0.91 | 0.003 | 0.03 | 0.2 | 0.02 | 1.5 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 1219373 | Soil | 19 | 0.31 | 106 | 0.018 | <1 | 1.07 | 0.005 | 0.03 | 0.3 | 0.03 | 1.2 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1219374 | Soil | 18 | 0.29 | 108 | 0.015 | <1 | 0.86 | 0.004 | 0.03 | 0.5 | 0.04 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219375 | Soil | 17 | 0.26 | 134 | 0.017 | <1 | 0.97 | 0.004 | 0.03 | 0.3 | 0.02 | 0.9 | <0.1 | <0.05 | 4 | 0.7 | <0.2 |
| 1219376 | Soil | 17 | 0.27 | 152 | 0.021 | <1 | 0.91 | 0.004 | 0.03 | 0.3 | 0.02 | 0.9 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1219377 | Soil | 21 | 0.31 | 99 | 0.016 | <1 | 1.11 | 0.004 | 0.03 | 0.5 | 0.03 | 1.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219378 | Soil | 20 | 0.33 | 105 | 0.018 | <1 | 1.08 | 0.004 | 0.02 | 0.3 | 0.02 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219379 | Soil | 18 | 0.26 | 61 | 0.023 | <1 | 0.85 | 0.003 | 0.03 | 0.5 | 0.01 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219380 | Soil | 17 | 0.26 | 55 | 0.027 | <1 | 0.85 | 0.003 | 0.03 | 0.4 | 0.01 | 0.9 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1219381 | Soil | 18 | 0.33 | 83 | 0.020 | <1 | 1.11 | 0.004 | 0.03 | 0.2 | 0.03 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

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CERTIFICATE OF ANALYSIS

WHI11000905.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1219382 | Soil | 0.5 | 16.2 | 9.2 | 41 | <0.1 | 11.3 | 5.1 | 107 | 1.88 | 9.2 | 17.6 | 3.5 | 6 | 0.1 | 0.6 | 0.1 | 25 | 0.05 | 0.032 | 9 |
| 1219383 | Soil | 0.8 | 18.0 | 10.2 | 45 | 0.1 | 16.5 | 6.1 | 153 | 2.34 | 9.3 | 2.2 | 4.5 | 8 | <0.1 | 0.5 | 0.2 | 26 | 0.07 | 0.042 | 15 |
| 1219384 | Soil | 0.8 | 10.1 | 8.2 | 35 | <0.1 | 11.0 | 4.3 | 142 | 1.68 | 9.8 | 1.1 | 3.2 | 8 | 0.1 | 0.5 | 0.2 | 22 | 0.08 | 0.091 | 12 |
| 1219385 | Soil | 0.8 | 26.5 | 9.4 | 55 | <0.1 | 19.4 | 7.4 | 183 | 2.40 | 8.8 | 2.8 | 7.5 | 6 | <0.1 | 0.7 | 0.2 | 24 | 0.03 | 0.019 | 22 |
| 1219386 | Soil | 0.8 | 18.3 | 8.2 | 44 | <0.1 | 14.7 | 5.6 | 160 | 1.91 | 9.5 | 21.1 | 4.3 | 7 | <0.1 | 0.6 | 0.2 | 25 | 0.07 | 0.027 | 15 |
| 1219387 | Soil | 0.8 | 21.9 | 8.8 | 51 | <0.1 | 13.9 | 6.6 | 256 | 1.95 | 10.1 | 6.4 | 2.4 | 10 | <0.1 | 0.5 | 0.1 | 28 | 0.09 | 0.043 | 16 |
| 1219388 | Soil | 0.6 | 14.8 | 8.6 | 42 | <0.1 | 17.4 | 8.0 | 142 | 1.67 | 11.2 | 11.5 | 3.7 | 10 | <0.1 | 0.7 | <0.1 | 21 | 0.10 | 0.059 | 10 |
| 1219389 | Soil | 1.3 | 12.0 | 11.1 | 56 | <0.1 | 16.7 | 7.1 | 215 | 2.52 | 12.4 | <0.5 | 3.3 | 9 | <0.1 | 0.7 | 0.2 | 46 | 0.07 | 0.046 | 9 |
| 1219390 | Soil | 0.8 | 10.9 | 8.1 | 39 | <0.1 | 13.7 | 6.4 | 136 | 1.66 | 10.6 | 0.7 | 2.7 | 10 | <0.1 | 0.6 | 0.1 | 21 | 0.10 | 0.058 | 8 |
| 1219391 | Soil | 0.6 | 15.5 | 5.3 | 42 | <0.1 | 12.8 | 4.8 | 237 | 1.27 | 7.9 | 28.4 | 3.5 | 8 | 0.2 | 0.7 | <0.1 | 15 | 0.08 | 0.041 | 10 |
| 1219392 | Soil | 0.7 | 6.0 | 6.9 | 40 | <0.1 | 7.6 | 7.0 | 239 | 1.55 | 6.8 | <0.5 | 2.6 | 9 | 0.1 | 0.4 | 0.1 | 25 | 0.08 | 0.113 | 8 |
| 1219393 | Soil | 0.6 | 17.2 | 5.8 | 39 | <0.1 | 14.5 | 5.1 | 173 | 1.25 | 7.2 | 1.2 | 3.3 | 9 | 0.1 | 0.7 | <0.1 | 15 | 0.09 | 0.047 | 9 |
| 1219394 | Soil | 0.6 | 12.8 | 6.0 | 35 | <0.1 | 13.2 | 4.4 | 143 | 1.31 | 7.3 | 0.8 | 2.9 | 6 | <0.1 | 0.6 | <0.1 | 19 | 0.05 | 0.035 | 10 |
| 1219395 | Soil | 0.7 | 17.9 | 5.9 | 40 | <0.1 | 13.7 | 5.1 | 259 | 1.20 | 7.5 | 0.6 | 3.1 | 8 | 0.2 | 0.7 | <0.1 | 13 | 0.07 | 0.046 | 10 |
| 1219396 | Soil | 0.8 | 16.8 | 7.0 | 42 | <0.1 | 16.5 | 5.9 | 200 | 1.52 | 9.5 | <0.5 | 3.6 | 9 | 0.1 | 0.8 | 0.1 | 16 | 0.08 | 0.045 | 9 |
| 1219397 | Soil | 0.8 | 22.2 | 11.9 | 49 | <0.1 | 19.1 | 6.8 | 183 | 1.90 | 9.5 | 0.7 | 4.8 | 8 | <0.1 | 0.7 | 0.1 | 21 | 0.06 | 0.032 | 15 |
| 1219398 | Soil | 0.8 | 11.6 | 6.9 | 40 | <0.1 | 14.9 | 5.6 | 186 | 1.48 | 8.7 | <0.5 | 3.1 | 9 | <0.1 | 0.7 | <0.1 | 18 | 0.09 | 0.054 | 7 |
| 1219691 | Soil | 0.7 | 25.2 | 13.2 | 57 | <0.1 | 17.7 | 7.1 | 211 | 2.26 | 9.2 | 3.2 | 3.2 | 7 | 0.1 | 0.7 | 0.2 | 24 | 0.06 | 0.051 | 26 |
| 1219692 | Soil | 0.8 | 19.5 | 11.3 | 55 | <0.1 | 16.7 | 6.3 | 191 | 2.15 | 9.5 | 4.3 | 2.5 | 9 | 0.2 | 0.8 | 0.1 | 26 | 0.08 | 0.057 | 23 |
| 1219693 | Soil | 0.8 | 23.4 | 13.7 | 55 | <0.1 | 16.5 | 6.6 | 189 | 2.09 | 8.5 | 3.0 | 3.1 | 7 | 0.1 | 0.5 | 0.2 | 19 | 0.05 | 0.042 | 27 |



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CERTIFICATE OF ANALYSIS

WHI11000905.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1219382 | Soil | 16 | 0.31 | 70 | 0.018 | <1 | 1.04 | 0.003 | 0.03 | 0.2 | 0.02 | 1.0 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1219383 | Soil | 16 | 0.25 | 122 | 0.014 | <1 | 0.99 | 0.004 | 0.03 | 0.2 | 0.03 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219384 | Soil | 11 | 0.22 | 79 | 0.016 | <1 | 0.59 | 0.003 | 0.03 | 0.3 | <0.01 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219385 | Soil | 17 | 0.31 | 115 | 0.015 | <1 | 0.97 | 0.004 | 0.03 | 0.2 | 0.06 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219386 | Soil | 16 | 0.29 | 142 | 0.015 | <1 | 0.99 | 0.004 | 0.03 | 0.3 | 0.02 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219387 | Soil | 18 | 0.32 | 272 | 0.019 | <1 | 1.00 | 0.006 | 0.03 | 0.3 | 0.04 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219388 | Soil | 13 | 0.25 | 90 | 0.014 | <1 | 0.72 | 0.003 | 0.03 | 0.1 | 0.02 | 1.1 | <0.1 | <0.05 | 2 | 0.5 | <0.2 |
| 1219389 | Soil | 23 | 0.35 | 237 | 0.020 | <1 | 1.57 | 0.006 | 0.05 | 0.2 | 0.02 | 1.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1219390 | Soil | 12 | 0.24 | 147 | 0.009 | <1 | 0.71 | 0.003 | 0.03 | 0.2 | 0.02 | 1.0 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219391 | Soil | 9 | 0.20 | 67 | 0.012 | 7 | 0.53 | 0.003 | 0.03 | <0.1 | 0.01 | 1.0 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219392 | Soil | 11 | 0.16 | 183 | 0.012 | <1 | 0.59 | 0.004 | 0.03 | 0.2 | <0.01 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219393 | Soil | 10 | 0.21 | 124 | 0.012 | <1 | 0.54 | 0.003 | 0.03 | <0.1 | 0.02 | 1.1 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219394 | Soil | 11 | 0.21 | 73 | 0.014 | <1 | 0.62 | 0.002 | 0.03 | 0.1 | 0.01 | 1.5 | <0.1 | <0.05 | 2 | 0.5 | <0.2 |
| 1219395 | Soil | 8 | 0.20 | 75 | 0.010 | <1 | 0.48 | 0.002 | 0.03 | 0.1 | 0.01 | 1.4 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 1219396 | Soil | 11 | 0.23 | 95 | 0.010 | <1 | 0.58 | 0.002 | 0.03 | 0.1 | 0.01 | 1.1 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219397 | Soil | 14 | 0.28 | 117 | 0.016 | <1 | 0.77 | 0.003 | 0.04 | 0.1 | 0.02 | 1.4 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219398 | Soil | 11 | 0.23 | 180 | 0.008 | <1 | 0.66 | 0.003 | 0.04 | 0.1 | <0.01 | 1.0 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219691 | Soil | 18 | 0.38 | 102 | 0.012 | <1 | 1.17 | 0.004 | 0.03 | 0.1 | 0.03 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219692 | Soil | 16 | 0.33 | 117 | 0.014 | <1 | 1.03 | 0.004 | 0.02 | 0.2 | 0.03 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219693 | Soil | 14 | 0.30 | 72 | 0.010 | <1 | 0.89 | 0.003 | 0.03 | 0.1 | 0.03 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |



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Project: Oliver

Report Date: October 27, 2011

Page: 1 of 3 Part 1

QUALITY CONTROL REPORT

WHI11000905.1

| Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | |
| Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 1217677 | Soil | 0.6 | 8.2 | 10.3 | 20 | <0.1 | 7.1 | 2.1 | 55 | 1.29 | 6.0 | 1.7 | 0.3 | 6 | <0.1 | 0.3 | 0.2 | 29 | 0.04 | 0.041 | 10 |
| REP 1217677 | QC | 0.6 | 8.0 | 10.5 | 20 | <0.1 | 6.9 | 2.0 | 54 | 1.28 | 6.2 | 2.7 | 0.2 | 6 | <0.1 | 0.3 | 0.2 | 29 | 0.04 | 0.043 | 10 |
| 1217694 | Soil | 1.0 | 25.3 | 34.5 | 78 | <0.1 | 17.6 | 10.3 | 460 | 2.54 | 13.6 | 4.6 | 1.0 | 12 | 0.2 | 0.8 | 0.4 | 41 | 0.11 | 0.063 | 14 |
| REP 1217694 | QC | 1.0 | 24.9 | 34.2 | 79 | <0.1 | 17.0 | 10.0 | 461 | 2.52 | 13.4 | 4.3 | 1.2 | 12 | 0.2 | 0.8 | 0.4 | 41 | 0.10 | 0.061 | 13 |
| 1217698 | Soil | 0.9 | 18.9 | 13.1 | 79 | <0.1 | 20.2 | 10.5 | 355 | 2.37 | 12.0 | 4.1 | 4.8 | 8 | 0.4 | 0.8 | 0.2 | 43 | 0.08 | 0.039 | 12 |
| REP 1217698 | QC | 0.9 | 18.5 | 12.9 | 75 | <0.1 | 19.9 | 10.2 | 348 | 2.32 | 11.6 | 3.4 | 4.7 | 7 | 0.4 | 0.7 | 0.2 | 39 | 0.08 | 0.037 | 12 |
| 1218149 | Soil | 1.0 | 22.6 | 10.0 | 57 | <0.1 | 19.2 | 6.1 | 233 | 2.15 | 9.5 | 1.7 | 2.4 | 8 | 0.1 | 0.6 | 0.2 | 30 | 0.09 | 0.051 | 17 |
| REP 1218149 | QC | 1.0 | 22.5 | 10.0 | 56 | <0.1 | 19.4 | 6.0 | 229 | 2.09 | 9.0 | 1.6 | 2.5 | 8 | 0.1 | 0.6 | 0.2 | 30 | 0.09 | 0.052 | 17 |
| 1218172 | Soil | 0.8 | 12.3 | 16.5 | 37 | <0.1 | 11.9 | 4.1 | 131 | 2.02 | 9.5 | 2.5 | 1.0 | 6 | <0.1 | 0.8 | 0.2 | 32 | 0.04 | 0.051 | 20 |
| REP 1218172 | QC | 0.9 | 12.3 | 17.1 | 36 | <0.1 | 11.6 | 4.0 | 128 | 1.96 | 9.6 | 3.0 | 1.1 | 6 | <0.1 | 0.8 | 0.2 | 31 | 0.04 | 0.047 | 19 |
| 1218183 | Soil | 1.0 | 14.9 | 9.3 | 50 | <0.1 | 16.5 | 4.5 | 145 | 1.84 | 9.5 | 39.9 | 1.6 | 10 | 0.2 | 0.8 | 0.1 | 30 | 0.11 | 0.068 | 13 |
| REP 1218183 | QC | 1.0 | 14.2 | 9.3 | 50 | <0.1 | 16.7 | 4.6 | 143 | 1.79 | 9.4 | 2.3 | 1.7 | 10 | 0.2 | 0.7 | 0.1 | 30 | 0.11 | 0.067 | 13 |
| 1218211 | Soil | 0.5 | 14.5 | 7.1 | 39 | <0.1 | 14.4 | 6.2 | 151 | 1.49 | 7.6 | 1.6 | 3.6 | 8 | <0.1 | 0.4 | <0.1 | 16 | 0.09 | 0.043 | 9 |
| REP 1218211 | QC | 0.5 | 14.9 | 7.1 | 39 | <0.1 | 14.7 | 6.1 | 150 | 1.54 | 7.7 | 1.2 | 3.6 | 8 | <0.1 | 0.4 | <0.1 | 17 | 0.09 | 0.043 | 9 |
| 1218358 | Soil | 0.8 | 12.6 | 9.8 | 33 | <0.1 | 10.8 | 3.8 | 161 | 1.47 | 6.3 | 2.4 | 0.6 | 4 | <0.1 | 0.4 | 0.1 | 17 | 0.02 | 0.034 | 17 |
| REP 1218358 | QC | 0.9 | 12.6 | 10.0 | 35 | <0.1 | 11.1 | 3.9 | 165 | 1.47 | 6.3 | 1.7 | 0.7 | 4 | <0.1 | 0.4 | 0.1 | 18 | 0.02 | 0.035 | 17 |
| 1218362 | Soil | 0.9 | 42.8 | 20.8 | 70 | <0.1 | 23.1 | 10.9 | 411 | 3.19 | 10.8 | 3.2 | 5.9 | 5 | <0.1 | 0.5 | 0.3 | 20 | 0.02 | 0.046 | 28 |
| REP 1218362 | QC | 0.9 | 44.1 | 21.4 | 71 | <0.1 | 22.9 | 11.1 | 416 | 3.27 | 10.7 | 1.9 | 6.3 | 6 | <0.1 | 0.5 | 0.4 | 21 | 0.03 | 0.045 | 29 |
| 1218391 | Soil | 0.8 | 15.2 | 10.1 | 51 | <0.1 | 16.0 | 6.5 | 262 | 1.95 | 9.1 | 1.8 | 0.9 | 7 | 0.2 | 0.6 | 0.2 | 26 | 0.06 | 0.050 | 15 |
| REP 1218391 | QC | 0.8 | 15.4 | 10.4 | 53 | <0.1 | 15.8 | 6.7 | 268 | 2.02 | 9.7 | 1.9 | 1.1 | 7 | 0.2 | 0.7 | 0.1 | 27 | 0.06 | 0.051 | 15 |
| 1218397 | Soil | 0.8 | 18.6 | 11.2 | 50 | <0.1 | 20.7 | 8.6 | 257 | 2.18 | 9.8 | 2.4 | 1.8 | 7 | 0.1 | 0.6 | 0.2 | 31 | 0.06 | 0.042 | 19 |
| REP 1218397 | QC | 0.8 | 17.6 | 10.8 | 48 | <0.1 | 19.5 | 8.1 | 246 | 2.08 | 9.5 | 2.7 | 1.7 | 7 | 0.1 | 0.6 | 0.2 | 29 | 0.06 | 0.041 | 18 |
| 1218416 | Soil | 0.6 | 12.0 | 6.8 | 31 | <0.1 | 11.2 | 4.5 | 129 | 1.43 | 5.6 | 1.7 | 1.1 | 5 | <0.1 | 0.4 | 0.1 | 22 | 0.04 | 0.032 | 21 |
| REP 1218416 | QC | 0.6 | 13.0 | 7.3 | 33 | <0.1 | 12.8 | 4.9 | 142 | 1.56 | 6.0 | 1.2 | 1.0 | 6 | <0.1 | 0.5 | 0.1 | 25 | 0.05 | 0.035 | 22 |
| 1219127 | Soil | 0.6 | 23.0 | 8.3 | 54 | <0.1 | 18.8 | 6.6 | 264 | 1.81 | 9.7 | 9.7 | 5.8 | 11 | 0.3 | 0.8 | 0.1 | 25 | 0.12 | 0.066 | 19 |
| REP 1219127 | QC | 0.6 | 22.2 | 8.3 | 54 | <0.1 | 18.2 | 6.8 | 267 | 1.76 | 9.4 | 2.1 | 5.8 | 11 | 0.3 | 0.8 | 0.2 | 24 | 0.12 | 0.059 | 18 |
| 1219137 | Soil | 1.0 | 13.4 | 9.6 | 60 | <0.1 | 11.4 | 6.9 | 393 | 2.37 | 11.1 | 1.5 | 2.1 | 8 | 0.2 | 0.7 | 0.2 | 36 | 0.08 | 0.060 | 14 |
| REP 1219137 | QC | 1.1 | 13.2 | 9.6 | 59 | <0.1 | 11.8 | 6.9 | 376 | 2.33 | 11.0 | 42.3 | 2.0 | 7 | 0.2 | 0.6 | 0.2 | 34 | 0.07 | 0.057 | 14 |

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Report Date: October 27, 2011

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QUALITY CONTROL REPORT

WHI11000905.1

| Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analyte | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | |
| Unit | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | |
| 1217677 | Soil | 16 | 0.15 | 57 | 0.007 | <1 | 0.71 | 0.004 | 0.02 | <0.1 | 0.04 | 0.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1217677 | QC | 16 | 0.15 | 57 | 0.007 | <1 | 0.73 | 0.004 | 0.02 | <0.1 | 0.04 | 0.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217694 | Soil | 27 | 0.38 | 175 | 0.016 | <1 | 1.47 | 0.005 | 0.04 | 0.1 | 0.04 | 1.4 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| REP 1217694 | QC | 26 | 0.38 | 176 | 0.013 | <1 | 1.43 | 0.005 | 0.03 | 0.1 | 0.05 | 1.4 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1217698 | Soil | 26 | 0.39 | 122 | 0.032 | 2 | 1.52 | 0.006 | 0.04 | 0.2 | 0.05 | 1.9 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1217698 | QC | 25 | 0.37 | 114 | 0.030 | 2 | 1.47 | 0.008 | 0.04 | 0.2 | 0.05 | 1.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218149 | Soil | 19 | 0.33 | 61 | 0.021 | <1 | 0.97 | 0.003 | 0.03 | 0.3 | 0.05 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1218149 | QC | 19 | 0.33 | 61 | 0.020 | <1 | 0.94 | 0.003 | 0.04 | 0.3 | 0.05 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218172 | Soil | 17 | 0.25 | 110 | 0.013 | 1 | 1.07 | 0.004 | 0.04 | 0.2 | 0.03 | 0.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1218172 | QC | 17 | 0.23 | 109 | 0.011 | <1 | 1.01 | 0.004 | 0.03 | 0.3 | 0.03 | 0.8 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218183 | Soil | 18 | 0.27 | 72 | 0.016 | <1 | 0.84 | 0.003 | 0.03 | 0.4 | 0.04 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1218183 | QC | 18 | 0.26 | 72 | 0.017 | <1 | 0.84 | 0.003 | 0.03 | 0.5 | 0.04 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218211 | Soil | 13 | 0.25 | 71 | 0.010 | <1 | 0.68 | 0.003 | 0.02 | 0.2 | 0.01 | 0.9 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| REP 1218211 | QC | 13 | 0.24 | 71 | 0.010 | <1 | 0.67 | 0.003 | 0.02 | 0.2 | 0.02 | 0.9 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218358 | Soil | 12 | 0.16 | 38 | 0.006 | <1 | 0.57 | 0.003 | 0.02 | 0.1 | <0.01 | 0.4 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| REP 1218358 | QC | 13 | 0.16 | 37 | 0.006 | <1 | 0.57 | 0.003 | 0.02 | 0.1 | <0.01 | 0.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218362 | Soil | 17 | 0.29 | 76 | 0.005 | <1 | 1.08 | 0.003 | 0.03 | 0.1 | 0.04 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1218362 | QC | 17 | 0.31 | 79 | 0.006 | <1 | 1.09 | 0.003 | 0.04 | 0.2 | 0.04 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218391 | Soil | 16 | 0.22 | 66 | 0.012 | <1 | 0.83 | 0.003 | 0.04 | 0.2 | 0.02 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1218391 | QC | 17 | 0.22 | 65 | 0.011 | <1 | 0.85 | 0.003 | 0.04 | 0.2 | 0.03 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218397 | Soil | 20 | 0.34 | 90 | 0.016 | 1 | 1.12 | 0.003 | 0.06 | 0.2 | 0.04 | 1.2 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1218397 | QC | 18 | 0.32 | 87 | 0.015 | 1 | 1.09 | 0.003 | 0.05 | 0.2 | 0.04 | 1.2 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218416 | Soil | 16 | 0.24 | 75 | 0.009 | <1 | 0.84 | 0.003 | 0.02 | 0.1 | 0.04 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1218416 | QC | 18 | 0.26 | 79 | 0.011 | <1 | 0.90 | 0.003 | 0.03 | 0.2 | 0.02 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219127 | Soil | 16 | 0.29 | 80 | 0.023 | 1 | 0.79 | 0.003 | 0.04 | 0.3 | 0.02 | 1.4 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| REP 1219127 | QC | 14 | 0.28 | 80 | 0.022 | <1 | 0.80 | 0.004 | 0.04 | 0.3 | 0.02 | 1.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1219137 | Soil | 21 | 0.33 | 95 | 0.022 | 1 | 1.38 | 0.004 | 0.04 | 0.3 | 0.04 | 1.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1219137 | QC | 20 | 0.32 | 93 | 0.023 | 2 | 1.33 | 0.004 | 0.04 | 0.3 | 0.03 | 1.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |



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Project: Oliver
 Report Date: October 27, 2011

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QUALITY CONTROL REPORT

WHI11000905.1

| | | 1DX15 Mo ppm | 1DX15 Cu ppm | 1DX15 Pb ppm | 1DX15 Zn ppm | 1DX15 Ag ppm | 1DX15 Ni ppm | 1DX15 Co ppm | 1DX15 Mn ppm | 1DX15 Fe % | 1DX15 As ppm | 1DX15 Au ppb | 1DX15 Th ppm | 1DX15 Sr ppm | 1DX15 Cd ppm | 1DX15 Sb ppm | 1DX15 Bi ppm | 1DX15 V ppm | 1DX15 Ca % | 1DX15 P % | 1DX15 La ppm |
|---------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|------------------|-----------------|--------------------|
| 1219154 | Soil | 0.7 | 12.6 | 9.6 | 43 | <0.1 | 11.6 | 5.9 | 200 | 1.98 | 8.9 | 1.6 | 2.9 | 7 | <0.1 | 0.4 | 0.1 | 25 | 0.06 | 0.052 | 15 |
| REP 1219154 | QC | 0.7 | 12.7 | 10.3 | 43 | <0.1 | 11.4 | 5.6 | 193 | 1.87 | 9.0 | 1.7 | 3.4 | 7 | 0.1 | 0.5 | 0.2 | 25 | 0.06 | 0.049 | 15 |
| 1219363 | Soil | 0.9 | 12.2 | 9.8 | 39 | <0.1 | 11.2 | 4.8 | 172 | 1.79 | 9.3 | 0.8 | 0.4 | 6 | 0.1 | 0.6 | 0.1 | 30 | 0.06 | 0.045 | 10 |
| REP 1219363 | QC | 1.1 | 12.0 | 9.6 | 38 | <0.1 | 10.7 | 4.9 | 167 | 1.72 | 9.3 | 6.7 | 0.4 | 6 | <0.1 | 0.6 | 0.2 | 29 | 0.06 | 0.046 | 9 |
| 1219373 | Soil | 1.0 | 19.6 | 9.3 | 52 | <0.1 | 20.6 | 8.2 | 249 | 2.27 | 11.5 | 18.6 | 3.8 | 10 | 0.2 | 0.8 | 0.2 | 27 | 0.11 | 0.053 | 13 |
| REP 1219373 | QC | 1.1 | 18.9 | 9.1 | 52 | <0.1 | 19.9 | 8.2 | 236 | 2.25 | 11.8 | 3.1 | 3.8 | 10 | 0.2 | 0.7 | 0.2 | 27 | 0.10 | 0.052 | 12 |
| 1219389 | Soil | 1.3 | 12.0 | 11.1 | 56 | <0.1 | 16.7 | 7.1 | 215 | 2.52 | 12.4 | <0.5 | 3.3 | 9 | <0.1 | 0.7 | 0.2 | 46 | 0.07 | 0.046 | 9 |
| REP 1219389 | QC | 1.3 | 12.1 | 11.3 | 58 | 0.1 | 16.8 | 7.4 | 219 | 2.53 | 12.9 | 1.3 | 3.1 | 9 | 0.2 | 0.8 | 0.2 | 46 | 0.08 | 0.046 | 9 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | 12.9 | 109.7 | 123.4 | 298 | 1.8 | 37.5 | 7.3 | 577 | 2.34 | 22.4 | 111.7 | 6.6 | 60 | 2.1 | 5.4 | 5.9 | 42 | 0.66 | 0.073 | 14 |
| STD DS8 | Standard | 13.4 | 114.5 | 130.5 | 316 | 1.8 | 38.7 | 7.8 | 609 | 2.51 | 23.6 | 114.6 | 7.0 | 62 | 2.2 | 5.5 | 6.2 | 44 | 0.67 | 0.075 | 15 |
| STD DS8 | Standard | 12.7 | 107.2 | 130.1 | 316 | 1.9 | 39.8 | 7.9 | 619 | 2.54 | 26.7 | 125.2 | 6.3 | 62 | 2.2 | 5.8 | 6.6 | 44 | 0.69 | 0.083 | 14 |
| STD DS8 | Standard | 11.8 | 112.0 | 114.4 | 309 | 1.8 | 36.6 | 7.6 | 593 | 2.40 | 25.2 | 115.5 | 6.0 | 61 | 2.3 | 5.5 | 6.7 | 40 | 0.67 | 0.080 | 13 |
| STD DS8 | Standard | 12.6 | 107.0 | 120.6 | 305 | 1.8 | 36.6 | 7.3 | 570 | 2.35 | 23.9 | 106.1 | 7.2 | 62 | 2.3 | 5.7 | 6.9 | 40 | 0.62 | 0.077 | 15 |
| STD DS8 | Standard | 13.3 | 106.8 | 122.1 | 303 | 1.7 | 37.3 | 7.6 | 562 | 2.30 | 23.2 | 124.9 | 5.6 | 62 | 2.1 | 5.3 | 6.0 | 38 | 0.57 | 0.075 | 10 |
| STD DS8 | Standard | 12.6 | 115.6 | 115.2 | 318 | 1.9 | 37.1 | 7.8 | 628 | 2.51 | 26.4 | 124.5 | 6.2 | 65 | 2.7 | 5.7 | 6.5 | 40 | 0.70 | 0.082 | 14 |
| STD DS8 | Standard | 12.7 | 106.5 | 119.1 | 302 | 1.8 | 35.8 | 7.2 | 581 | 2.32 | 23.9 | 113.0 | 6.3 | 61 | 2.2 | 5.1 | 6.1 | 41 | 0.65 | 0.074 | 14 |
| STD DS8 | Standard | 14.0 | 114.6 | 127.4 | 304 | 1.8 | 40.0 | 7.8 | 608 | 2.43 | 23.2 | 110.6 | 7.1 | 61 | 2.2 | 5.3 | 6.0 | 46 | 0.68 | 0.074 | 16 |
| STD DS8 | Standard | 13.1 | 110.6 | 118.8 | 313 | 1.8 | 38.7 | 7.6 | 592 | 2.42 | 24.5 | 105.4 | 7.0 | 68 | 2.3 | 5.6 | 6.6 | 48 | 0.71 | 0.074 | 16 |
| STD DS8 Expected | | 13.44 | 110 | 123 | 312 | 1.69 | 38.1 | 7.5 | 615 | 2.46 | 26 | 107 | 6.89 | 67.7 | 2.38 | 5.7 | 6.67 | 41.1 | 0.7 | 0.08 | 14.6 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |

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



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 1300 - 111 West Georgia Street
 Vancouver BC V6E 4M3 Canada

Project: Oliver
 Report Date: October 27, 2011

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

WHI11000905.1

| | | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------------------|----------|-------|--------|-------|--------|-------|-------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| | | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| 1219154 | Soil | 16 | 0.30 | 78 | 0.015 | <1 | 1.06 | 0.004 | 0.04 | 0.2 | 0.04 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1219154 | QC | 16 | 0.28 | 78 | 0.020 | <1 | 1.04 | 0.004 | 0.06 | 0.2 | 0.03 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219363 | Soil | 14 | 0.21 | 64 | 0.014 | <1 | 0.81 | 0.004 | 0.04 | 0.2 | 0.03 | 0.6 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| REP 1219363 | QC | 13 | 0.21 | 59 | 0.012 | <1 | 0.79 | 0.004 | 0.03 | 0.2 | 0.04 | 0.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219373 | Soil | 19 | 0.31 | 106 | 0.018 | <1 | 1.07 | 0.005 | 0.03 | 0.3 | 0.03 | 1.2 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| REP 1219373 | QC | 18 | 0.31 | 102 | 0.019 | <1 | 1.06 | 0.004 | 0.03 | 0.3 | 0.04 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1219389 | Soil | 23 | 0.35 | 237 | 0.020 | <1 | 1.57 | 0.006 | 0.05 | 0.2 | 0.02 | 1.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1219389 | QC | 23 | 0.35 | 236 | 0.018 | <1 | 1.57 | 0.005 | 0.05 | 0.2 | 0.03 | 1.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| Reference Materials | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | 116 | 0.59 | 255 | 0.111 | 3 | 0.87 | 0.083 | 0.39 | 2.9 | 0.18 | 2.1 | 5.2 | 0.21 | 4 | 5.0 | 4.7 |
| STD DS8 | Standard | 124 | 0.60 | 268 | 0.114 | 2 | 0.89 | 0.087 | 0.44 | 3.1 | 0.22 | 2.0 | 5.5 | 0.17 | 5 | 5.1 | 4.8 |
| STD DS8 | Standard | 119 | 0.62 | 287 | 0.110 | 3 | 0.91 | 0.088 | 0.42 | 3.1 | 0.20 | 2.3 | 5.7 | 0.15 | 5 | 5.0 | 5.1 |
| STD DS8 | Standard | 110 | 0.60 | 278 | 0.106 | 2 | 0.89 | 0.085 | 0.43 | 3.0 | 0.19 | 2.2 | 5.3 | 0.17 | 5 | 6.1 | 5.4 |
| STD DS8 | Standard | 112 | 0.59 | 265 | 0.107 | 3 | 0.88 | 0.088 | 0.40 | 2.9 | 0.18 | 2.1 | 5.3 | 0.17 | 5 | 4.7 | 4.9 |
| STD DS8 | Standard | 111 | 0.55 | 257 | 0.092 | 2 | 0.78 | 0.070 | 0.38 | 2.8 | 0.20 | 1.6 | 5.1 | 0.16 | 4 | 4.7 | 4.4 |
| STD DS8 | Standard | 117 | 0.62 | 290 | 0.115 | 3 | 0.92 | 0.090 | 0.43 | 2.9 | 0.18 | 2.0 | 5.5 | 0.12 | 5 | 5.1 | 5.1 |
| STD DS8 | Standard | 113 | 0.58 | 260 | 0.108 | 2 | 0.87 | 0.080 | 0.39 | 2.6 | 0.20 | 2.0 | 5.1 | 0.15 | 5 | 5.1 | 4.7 |
| STD DS8 | Standard | 123 | 0.60 | 262 | 0.119 | 2 | 0.90 | 0.079 | 0.43 | 2.8 | 0.22 | 2.3 | 5.3 | 0.23 | 5 | 5.1 | 4.9 |
| STD DS8 | Standard | 120 | 0.57 | 273 | 0.129 | 2 | 0.92 | 0.079 | 0.41 | 2.7 | 0.17 | 2.2 | 5.0 | 0.10 | 5 | 5.1 | 4.7 |
| STD DS8 Expected | | 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 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |

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 1300 - 111 West Georgia Street
 Vancouver BC V6E 4M3 Canada

Project: Oliver

Report Date: October 27, 2011

Page: 3 of 3 **Part** 1

QUALITY CONTROL REPORT

WHI11000905.1

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



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Project: Oliver

Report Date: October 27, 2011

Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

WHI11000905.1

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



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1300 - 111 West Georgia Street
Vancouver BC V6E 4M3 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: August 02, 2011
Report Date: September 19, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS

WHI11000809.1

CLIENT JOB INFORMATION

Project: Arizona
Shipment ID:
P.O. Number
Number of Samples: 321

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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

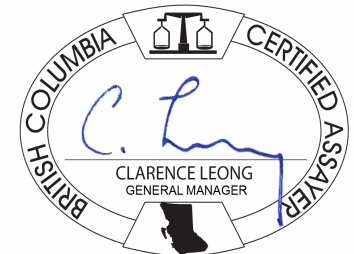
Invoice To: Goldstrike Resources (Petro One Energy Corp)
1300 - 111 West Georgia Street
Vancouver BC V6E 4M3
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

ADDITIONAL COMMENTS



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



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 1300 - 111 West Georgia Street
 Vancouver BC V6E 4M3 Canada

Project: Arizona
 Report Date: September 19, 2011

Page: 2 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000809.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | MDL | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1217501 | Soil | 1.0 | 12.5 | 10.0 | 32 | <0.1 | 12.1 | 4.2 | 135 | 1.58 | 6.8 | 0.9 | 0.6 | 6 | <0.1 | 0.5 | 0.2 | 28 | 0.03 | 0.032 | 21 |
| 1217502 | Soil | 0.7 | 14.1 | 7.9 | 40 | <0.1 | 14.0 | 4.8 | 133 | 1.79 | 6.6 | 3.0 | 1.2 | 6 | 0.1 | 0.4 | 0.2 | 25 | 0.05 | 0.039 | 19 |
| 1217503 | Soil | 0.8 | 13.3 | 9.3 | 43 | <0.1 | 14.0 | 4.9 | 150 | 2.01 | 8.3 | 6.6 | 2.3 | 6 | 0.1 | 0.5 | 0.2 | 29 | 0.04 | 0.033 | 18 |
| 1217504 | Soil | 0.8 | 10.2 | 7.9 | 45 | <0.1 | 11.7 | 5.4 | 221 | 1.83 | 7.6 | 3.1 | 1.5 | 6 | 0.1 | 0.6 | 0.1 | 27 | 0.05 | 0.042 | 14 |
| 1217505 | Soil | 1.0 | 14.2 | 9.6 | 52 | <0.1 | 16.1 | 6.3 | 219 | 2.24 | 7.5 | <0.5 | 3.1 | 6 | <0.1 | 0.6 | 0.2 | 28 | 0.04 | 0.042 | 22 |
| 1217506 | Soil | 0.9 | 15.1 | 9.4 | 52 | <0.1 | 16.8 | 6.8 | 200 | 2.29 | 9.0 | 3.4 | 3.1 | 6 | 0.2 | 0.6 | 0.2 | 30 | 0.05 | 0.042 | 19 |
| 1217507 | Soil | 0.8 | 12.1 | 10.0 | 32 | <0.1 | 11.1 | 4.1 | 130 | 1.79 | 8.0 | 1.1 | 1.0 | 6 | 0.1 | 1.0 | 0.2 | 32 | 0.04 | 0.057 | 17 |
| 1217508 | Soil | 0.7 | 9.5 | 8.4 | 36 | <0.1 | 9.8 | 4.0 | 127 | 1.73 | 8.1 | 0.8 | 0.9 | 5 | <0.1 | 0.5 | 0.2 | 26 | 0.04 | 0.034 | 12 |
| 1217509 | Soil | 0.7 | 14.8 | 8.4 | 42 | <0.1 | 12.9 | 4.6 | 128 | 1.79 | 7.7 | 6.7 | 2.1 | 6 | 0.1 | 0.6 | 0.1 | 27 | 0.05 | 0.035 | 16 |
| 1217510 | Soil | 0.8 | 19.0 | 9.0 | 51 | <0.1 | 17.6 | 6.8 | 212 | 2.08 | 7.9 | 2.8 | 1.8 | 7 | 0.2 | 0.6 | 0.1 | 30 | 0.06 | 0.041 | 19 |
| 1217511 | Soil | 1.2 | 18.6 | 10.4 | 53 | <0.1 | 17.9 | 7.0 | 229 | 2.24 | 10.6 | 31.5 | 2.4 | 7 | 0.2 | 0.7 | 0.2 | 34 | 0.05 | 0.047 | 18 |
| 1217512 | Soil | 1.1 | 20.1 | 11.5 | 54 | <0.1 | 18.8 | 9.6 | 282 | 2.37 | 11.8 | 1.9 | 1.6 | 8 | 0.2 | 0.6 | 0.2 | 35 | 0.07 | 0.058 | 18 |
| 1217513 | Soil | 1.1 | 15.4 | 12.4 | 58 | <0.1 | 18.3 | 8.7 | 308 | 2.59 | 8.9 | 1.1 | 2.4 | 9 | 0.2 | 0.9 | 0.2 | 32 | 0.08 | 0.049 | 19 |
| 1217514 | Soil | 0.6 | 19.3 | 7.2 | 51 | <0.1 | 22.5 | 7.8 | 181 | 2.43 | 5.5 | 1.4 | 5.8 | 5 | <0.1 | 0.4 | 0.2 | 19 | 0.03 | 0.036 | 41 |
| 1217515 | Soil | 0.7 | 14.6 | 8.9 | 43 | <0.1 | 13.4 | 5.0 | 180 | 1.97 | 8.1 | 2.4 | 1.7 | 6 | <0.1 | 0.5 | 0.2 | 26 | 0.05 | 0.039 | 22 |
| 1217516 | Soil | 1.0 | 23.3 | 10.5 | 60 | <0.1 | 24.2 | 9.4 | 296 | 2.28 | 9.8 | 2.3 | 4.7 | 9 | 0.3 | 0.8 | 0.2 | 31 | 0.09 | 0.049 | 22 |
| 1217517 | Soil | 0.8 | 12.5 | 9.3 | 40 | <0.1 | 12.4 | 4.4 | 147 | 1.83 | 8.4 | 0.7 | 1.4 | 6 | <0.1 | 0.6 | 0.1 | 29 | 0.06 | 0.035 | 15 |
| 1217518 | Soil | 0.7 | 15.7 | 11.4 | 42 | <0.1 | 15.1 | 5.2 | 168 | 1.84 | 7.6 | 36.7 | 1.6 | 6 | <0.1 | 0.5 | 0.1 | 26 | 0.05 | 0.029 | 18 |
| 1217519 | Soil | 1.2 | 16.7 | 12.9 | 53 | <0.1 | 16.8 | 6.8 | 261 | 2.32 | 9.7 | 1.9 | 2.0 | 7 | 0.1 | 0.7 | 0.2 | 36 | 0.06 | 0.044 | 17 |
| 1217520 | Soil | 0.9 | 19.0 | 12.5 | 52 | <0.1 | 17.8 | 8.1 | 270 | 2.23 | 10.6 | 1.8 | 2.5 | 8 | 0.2 | 0.7 | 0.1 | 33 | 0.06 | 0.040 | 18 |
| 1217521 | Soil | 1.1 | 14.2 | 13.5 | 48 | <0.1 | 15.1 | 5.7 | 195 | 1.99 | 8.3 | 9.2 | 0.9 | 7 | 0.1 | 0.5 | 0.1 | 25 | 0.04 | 0.048 | 15 |
| 1217522 | Soil | 0.6 | 12.7 | 9.1 | 41 | <0.1 | 12.1 | 4.9 | 193 | 2.02 | 9.1 | <0.5 | 1.1 | 7 | 0.1 | 0.6 | 0.2 | 29 | 0.08 | 0.058 | 14 |
| 1217523 | Soil | 0.9 | 12.6 | 11.4 | 36 | <0.1 | 11.0 | 4.2 | 138 | 1.96 | 8.8 | 2.0 | 1.0 | 6 | <0.1 | 0.5 | 0.2 | 35 | 0.05 | 0.041 | 13 |
| 1217524 | Soil | 1.2 | 12.5 | 13.4 | 48 | <0.1 | 17.4 | 6.3 | 313 | 1.85 | 7.3 | 16.8 | 5.1 | 11 | 0.2 | 0.7 | 0.2 | 32 | 0.14 | 0.063 | 21 |
| 1217525 | Soil | 0.9 | 7.2 | 9.0 | 27 | <0.1 | 6.8 | 2.9 | 133 | 1.61 | 9.0 | 1.5 | 1.3 | 5 | <0.1 | 0.5 | 0.2 | 35 | 0.03 | 0.023 | 10 |
| 1217526 | Soil | 0.7 | 4.4 | 8.5 | 12 | <0.1 | 4.5 | 1.5 | 36 | 0.64 | 4.4 | <0.5 | 0.8 | 4 | <0.1 | 0.3 | 0.1 | 19 | 0.02 | 0.019 | 13 |
| 1217527 | Soil | 1.0 | 13.1 | 13.8 | 41 | <0.1 | 13.9 | 5.3 | 185 | 2.13 | 10.8 | 1.5 | 3.1 | 8 | 0.1 | 0.8 | 0.2 | 37 | 0.07 | 0.036 | 14 |
| 1217528 | Soil | 0.8 | 10.1 | 11.1 | 31 | <0.1 | 9.8 | 3.7 | 119 | 1.81 | 9.9 | 14.5 | 0.5 | 6 | <0.1 | 0.6 | 0.2 | 37 | 0.05 | 0.041 | 12 |
| 1217529 | Soil | 1.0 | 15.4 | 9.7 | 45 | <0.1 | 14.0 | 5.3 | 156 | 1.94 | 9.4 | 38.8 | 0.9 | 6 | <0.1 | 0.6 | 0.2 | 28 | 0.04 | 0.048 | 14 |
| 1217530 | Soil | 0.7 | 11.3 | 6.9 | 22 | <0.1 | 8.2 | 3.4 | 83 | 1.20 | 11.2 | 14.3 | 0.6 | 7 | <0.1 | 0.4 | 0.2 | 23 | 0.06 | 0.042 | 22 |

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Project: Arizona
 Report Date: September 19, 2011

Page: 2 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000809.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1217501 | Soil | 15 | 0.20 | 46 | 0.007 | 2 | 0.80 | 0.004 | 0.03 | 0.1 | 0.02 | 0.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217502 | Soil | 17 | 0.26 | 65 | 0.008 | 2 | 0.95 | 0.004 | 0.03 | 0.1 | 0.04 | 0.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217503 | Soil | 19 | 0.30 | 70 | 0.010 | 2 | 1.04 | 0.004 | 0.03 | 0.2 | 0.04 | 1.3 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1217504 | Soil | 17 | 0.28 | 76 | 0.009 | 1 | 0.97 | 0.004 | 0.03 | 0.2 | 0.02 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217505 | Soil | 21 | 0.33 | 80 | 0.010 | 1 | 1.18 | 0.004 | 0.03 | 0.2 | 0.04 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217506 | Soil | 21 | 0.32 | 85 | 0.011 | <1 | 1.14 | 0.004 | 0.03 | 0.2 | 0.03 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217507 | Soil | 18 | 0.20 | 90 | 0.010 | <1 | 0.94 | 0.004 | 0.02 | 0.2 | 0.04 | 1.1 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217508 | Soil | 16 | 0.25 | 56 | 0.009 | <1 | 0.78 | 0.004 | 0.03 | 0.2 | 0.03 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217509 | Soil | 17 | 0.27 | 71 | 0.011 | 1 | 0.89 | 0.004 | 0.03 | 0.2 | 0.03 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217510 | Soil | 20 | 0.30 | 84 | 0.012 | <1 | 1.00 | 0.004 | 0.03 | 0.2 | 0.05 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217511 | Soil | 22 | 0.31 | 87 | 0.013 | 1 | 1.10 | 0.004 | 0.03 | 0.3 | 0.06 | 1.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217512 | Soil | 24 | 0.37 | 126 | 0.012 | 1 | 1.32 | 0.005 | 0.03 | 0.2 | 0.05 | 1.7 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1217513 | Soil | 20 | 0.30 | 66 | 0.011 | <1 | 0.97 | 0.004 | 0.03 | 0.2 | 0.04 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217514 | Soil | 18 | 0.39 | 49 | 0.005 | <1 | 1.11 | 0.003 | 0.02 | 0.1 | 0.02 | 0.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217515 | Soil | 17 | 0.25 | 80 | 0.007 | <1 | 0.92 | 0.003 | 0.03 | 0.2 | 0.04 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217516 | Soil | 21 | 0.36 | 98 | 0.019 | 1 | 1.04 | 0.007 | 0.04 | 0.3 | 0.03 | 1.9 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1217517 | Soil | 17 | 0.27 | 62 | 0.011 | <1 | 0.90 | 0.003 | 0.03 | 0.2 | 0.02 | 1.0 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1217518 | Soil | 17 | 0.28 | 76 | 0.010 | <1 | 0.88 | 0.005 | 0.05 | 0.1 | 0.04 | 0.9 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217519 | Soil | 23 | 0.34 | 96 | 0.014 | <1 | 1.23 | 0.004 | 0.05 | 0.2 | 0.04 | 1.6 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217520 | Soil | 21 | 0.35 | 116 | 0.014 | <1 | 1.09 | 0.005 | 0.04 | 0.2 | 0.05 | 1.8 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217521 | Soil | 17 | 0.24 | 55 | 0.005 | <1 | 0.84 | 0.004 | 0.04 | 0.2 | 0.03 | 0.5 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1217522 | Soil | 17 | 0.26 | 50 | 0.010 | 2 | 0.83 | 0.004 | 0.03 | 0.3 | 0.03 | 0.7 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1217523 | Soil | 19 | 0.26 | 60 | 0.013 | 1 | 0.97 | 0.004 | 0.04 | 0.3 | 0.06 | 1.1 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217524 | Soil | 19 | 0.21 | 66 | 0.016 | <1 | 0.67 | 0.006 | 0.05 | 1.0 | 0.04 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217525 | Soil | 13 | 0.14 | 35 | 0.012 | <1 | 0.58 | 0.005 | 0.02 | 0.3 | 0.03 | 0.7 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1217526 | Soil | 8 | 0.07 | 41 | 0.010 | <1 | 0.47 | 0.004 | 0.04 | 0.1 | 0.03 | 0.4 | 0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1217527 | Soil | 17 | 0.25 | 74 | 0.014 | <1 | 0.88 | 0.004 | 0.04 | 0.3 | 0.05 | 1.3 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1217528 | Soil | 16 | 0.22 | 70 | 0.007 | <1 | 0.89 | 0.004 | 0.02 | 0.2 | 0.04 | 0.6 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1217529 | Soil | 16 | 0.25 | 61 | 0.005 | <1 | 0.91 | 0.004 | 0.04 | 0.2 | 0.05 | 0.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217530 | Soil | 10 | 0.10 | 67 | 0.006 | 1 | 0.46 | 0.005 | 0.02 | 0.5 | 0.05 | 0.5 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |

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Project: Arizona
 Report Date: September 19, 2011

Page: 3 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000809.1

| Method Analyte | Unit | MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|----------------|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| | | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1217531 | Soil | | 0.7 | 13.9 | 9.1 | 43 | <0.1 | 15.0 | 6.6 | 207 | 1.88 | 11.9 | 1.8 | 2.7 | 11 | 0.3 | 0.6 | 0.1 | 23 | 0.12 | 0.054 | 12 |
| 1217532 | Soil | | 0.6 | 12.6 | 10.0 | 33 | <0.1 | 11.5 | 4.9 | 161 | 1.73 | 11.2 | 0.8 | 3.3 | 8 | <0.1 | 0.6 | 0.1 | 29 | 0.08 | 0.035 | 13 |
| 1217533 | Soil | | 1.6 | 26.3 | 11.2 | 76 | 0.4 | 25.7 | 7.6 | 313 | 2.21 | 7.1 | 0.6 | 3.3 | 18 | 0.1 | 0.8 | 0.2 | 34 | 0.30 | 0.045 | 19 |
| 1217534 | Soil | | 0.9 | 17.0 | 10.8 | 78 | 0.1 | 22.9 | 8.0 | 269 | 2.41 | 7.4 | 2.9 | 3.3 | 17 | 0.2 | 0.5 | 0.2 | 38 | 0.21 | 0.049 | 15 |
| 1217535 | Soil | | 1.5 | 29.5 | 11.4 | 141 | 0.1 | 29.6 | 9.1 | 253 | 2.13 | 4.9 | 1.3 | 3.9 | 17 | 0.2 | 1.1 | 0.1 | 27 | 0.27 | 0.043 | 18 |
| 1217536 | Soil | | 2.8 | 15.4 | 15.2 | 145 | 0.2 | 26.0 | 8.2 | 273 | 2.25 | 7.2 | 0.6 | 4.1 | 25 | 0.3 | 1.1 | 0.2 | 61 | 0.31 | 0.062 | 17 |
| 1217537 | Soil | | 14.6 | 44.2 | 10.6 | 528 | 0.8 | 67.4 | 6.4 | 197 | 1.76 | 15.8 | 2.7 | 1.4 | 28 | 5.4 | 4.8 | 0.3 | 119 | 0.44 | 0.070 | 17 |
| 1217538 | Soil | | 13.4 | 54.1 | 11.8 | 355 | 0.7 | 60.8 | 7.6 | 189 | 2.00 | 15.3 | 3.4 | 2.2 | 48 | 3.0 | 7.9 | 0.2 | 136 | 0.88 | 0.104 | 16 |
| 1217539 | Soil | | 9.0 | 29.3 | 12.6 | 443 | 0.4 | 67.0 | 9.9 | 317 | 2.27 | 11.2 | 2.8 | 2.7 | 17 | 3.0 | 2.3 | 0.2 | 36 | 0.18 | 0.071 | 15 |
| 1217540 | Soil | | 15.2 | 45.4 | 12.4 | 443 | 0.7 | 73.0 | 8.8 | 226 | 2.36 | 10.0 | 2.4 | 3.3 | 21 | 3.0 | 4.9 | 0.2 | 38 | 0.37 | 0.058 | 22 |
| 1217541 | Soil | | 3.0 | 36.2 | 13.2 | 107 | 0.7 | 38.3 | 9.5 | 212 | 2.28 | 5.3 | 5.6 | 1.8 | 65 | 0.3 | 1.1 | 0.2 | 22 | 1.84 | 0.071 | 14 |
| 1217542 | Soil | | 2.0 | 34.1 | 12.4 | 98 | 0.4 | 35.1 | 11.7 | 452 | 2.95 | 5.6 | 4.2 | 3.2 | 35 | 0.2 | 0.9 | 0.2 | 31 | 0.55 | 0.041 | 17 |
| 1217543 | Soil | | 1.1 | 21.4 | 10.3 | 65 | <0.1 | 23.4 | 9.3 | 219 | 2.60 | 5.8 | 1.3 | 3.9 | 19 | 0.2 | 0.6 | 0.2 | 39 | 0.24 | 0.016 | 15 |
| 1217544 | Soil | | 1.4 | 18.0 | 10.8 | 58 | <0.1 | 18.3 | 6.8 | 206 | 3.10 | 9.8 | 1.5 | 3.0 | 8 | 0.1 | 0.6 | 0.2 | 48 | 0.06 | 0.027 | 11 |
| 1217545 | Soil | | 2.3 | 24.7 | 14.2 | 56 | 0.4 | 20.8 | 5.8 | 175 | 2.31 | 11.3 | 4.3 | 0.7 | 82 | <0.1 | 0.8 | 0.2 | 34 | 0.29 | 0.113 | 15 |
| 1217546 | Soil | | 4.7 | 26.7 | 9.0 | 72 | 0.6 | 22.6 | 8.0 | 213 | 2.56 | 8.3 | 1.1 | 0.1 | 51 | 0.4 | 0.8 | 0.2 | 62 | 0.05 | 0.126 | 14 |
| 1217547 | Soil | | 1.2 | 10.2 | 8.4 | 29 | 0.1 | 9.4 | 4.2 | 139 | 2.18 | 8.1 | 1.2 | 1.1 | 10 | 0.1 | 0.3 | 0.3 | 66 | 0.07 | 0.031 | 13 |
| 1217548 | 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. |
| 1217549 | Soil | | 1.0 | 25.1 | 6.0 | 67 | 0.4 | 34.8 | 16.7 | 399 | 3.00 | 3.4 | 1.3 | 1.1 | 109 | 0.4 | 0.4 | 0.1 | 50 | 1.00 | 0.106 | 16 |
| 1217550 | Soil | | 3.2 | 53.5 | 11.6 | 95 | 0.6 | 26.4 | 9.4 | 375 | 2.20 | 7.9 | 5.3 | 1.6 | 72 | 0.9 | 1.3 | 0.1 | 32 | 1.90 | 0.087 | 16 |
| 1217551 | Soil | | 2.6 | 35.8 | 13.5 | 73 | 0.3 | 24.6 | 9.3 | 246 | 2.33 | 9.6 | 5.1 | 2.2 | 62 | 0.5 | 1.0 | 0.2 | 35 | 1.41 | 0.072 | 16 |
| 1217552 | Soil | | 1.2 | 27.4 | 18.9 | 67 | <0.1 | 24.2 | 12.1 | 271 | 2.85 | 10.3 | 4.6 | 5.0 | 22 | 0.2 | 0.6 | 0.2 | 63 | 0.26 | 0.030 | 18 |
| 1217553 | Soil | | 0.5 | 20.0 | 12.4 | 55 | <0.1 | 20.4 | 8.6 | 326 | 2.28 | 4.7 | 2.8 | 2.5 | 145 | <0.1 | 0.3 | <0.1 | 20 | 4.06 | 0.094 | 20 |
| 1217554 | Soil | | 0.6 | 25.1 | 12.4 | 63 | 0.1 | 23.5 | 9.8 | 334 | 2.49 | 8.3 | 2.7 | 3.3 | 60 | 0.2 | 0.5 | 0.1 | 29 | 1.41 | 0.090 | 21 |
| 1217555 | Soil | | 0.6 | 17.9 | 10.4 | 71 | <0.1 | 22.3 | 12.5 | 862 | 2.41 | 4.9 | 0.9 | 3.4 | 59 | 0.2 | 0.4 | <0.1 | 22 | 1.12 | 0.097 | 19 |
| 1217556 | Soil | | 1.6 | 36.3 | 12.7 | 81 | 0.4 | 29.3 | 14.5 | 471 | 3.60 | 9.6 | 4.8 | 1.7 | 71 | 0.2 | 2.6 | 0.1 | 37 | 1.55 | 0.072 | 21 |
| 1217557 | Soil | | 1.5 | 43.1 | 10.4 | 84 | 0.4 | 28.7 | 18.2 | 469 | 4.09 | 13.3 | 5.9 | 2.4 | 91 | 0.3 | 2.7 | 0.1 | 72 | 1.54 | 0.125 | 25 |
| 1217558 | Soil | | 1.6 | 22.1 | 12.8 | 47 | <0.1 | 18.6 | 7.5 | 268 | 2.99 | 11.1 | 2.2 | 2.6 | 13 | 0.2 | 0.9 | 0.2 | 63 | 0.13 | 0.032 | 13 |
| 1217559 | Soil | | 1.8 | 20.1 | 12.1 | 46 | 0.3 | 14.9 | 6.8 | 808 | 2.38 | 8.9 | 1.5 | 1.8 | 19 | 0.3 | 0.9 | 0.2 | 60 | 0.19 | 0.033 | 12 |
| 1217560 | Soil | | 1.3 | 16.9 | 19.3 | 60 | 0.2 | 16.8 | 8.3 | 308 | 2.52 | 21.4 | 2.3 | 3.1 | 26 | 0.1 | 1.1 | 0.1 | 50 | 0.27 | 0.052 | 33 |

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Project: Arizona
 Report Date: September 19, 2011

Page: 3 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000809.1

| Method Analyte | Unit | MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|-------------------|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| | | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| | | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1217531 | Soil | | 13 | 0.25 | 66 | 0.013 | <1 | 0.76 | 0.004 | 0.03 | 0.3 | 0.05 | 1.1 | <0.1 | <0.05 | 2 | 0.8 | <0.2 |
| 1217532 | Soil | | 13 | 0.22 | 76 | 0.014 | <1 | 0.83 | 0.004 | 0.02 | 0.3 | 0.03 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217533 | Soil | | 25 | 0.53 | 507 | 0.009 | <1 | 1.18 | 0.006 | 0.06 | 0.1 | 0.09 | 3.3 | 0.1 | <0.05 | 4 | 1.0 | <0.2 |
| 1217534 | Soil | | 25 | 0.49 | 356 | 0.012 | <1 | 1.31 | 0.007 | 0.06 | 0.1 | 0.02 | 2.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217535 | Soil | | 22 | 0.54 | 249 | 0.008 | 1 | 0.90 | 0.006 | 0.07 | <0.1 | 0.03 | 2.8 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1217536 | Soil | | 33 | 0.59 | 445 | 0.021 | 2 | 1.40 | 0.008 | 0.06 | 0.1 | 0.04 | 3.1 | 0.2 | <0.05 | 5 | 0.7 | <0.2 |
| 1217537 | Soil | | 23 | 0.31 | 423 | 0.013 | 2 | 1.08 | 0.007 | 0.04 | 0.2 | 0.21 | 2.3 | 0.5 | <0.05 | 3 | 2.3 | <0.2 |
| 1217538 | Soil | | 28 | 0.47 | 1090 | 0.022 | 2 | 1.01 | 0.008 | 0.05 | 0.2 | 0.19 | 3.0 | 0.3 | 0.06 | 3 | 2.3 | <0.2 |
| 1217539 | Soil | | 20 | 0.28 | 247 | 0.015 | 1 | 1.00 | 0.005 | 0.04 | 0.2 | 0.09 | 2.4 | 0.3 | <0.05 | 3 | 1.9 | <0.2 |
| 1217540 | Soil | | 14 | 0.23 | 190 | 0.005 | 3 | 0.56 | 0.005 | 0.09 | <0.1 | 0.11 | 3.0 | 0.5 | <0.05 | 2 | 4.4 | <0.2 |
| 1217541 | Soil | | 23 | 1.14 | 257 | 0.007 | 5 | 0.90 | 0.009 | 0.10 | <0.1 | 0.21 | 3.7 | 0.2 | 0.07 | 3 | 0.6 | <0.2 |
| 1217542 | Soil | | 25 | 0.57 | 428 | 0.012 | 3 | 1.15 | 0.009 | 0.08 | <0.1 | 0.10 | 4.6 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217543 | Soil | | 26 | 0.59 | 336 | 0.008 | <1 | 1.69 | 0.005 | 0.09 | <0.1 | <0.01 | 2.3 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1217544 | Soil | | 24 | 0.35 | 132 | 0.030 | 1 | 1.39 | 0.005 | 0.05 | 0.1 | 0.02 | 2.0 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1217545 | Soil | | 19 | 0.30 | 860 | 0.014 | 2 | 0.97 | 0.008 | 0.06 | 0.2 | 0.10 | 1.5 | 0.2 | 0.06 | 3 | 0.7 | <0.2 |
| 1217546 | Soil | | 34 | 0.19 | 549 | 0.011 | 1 | 1.17 | 0.018 | 0.07 | <0.1 | 0.06 | 0.7 | 0.2 | 0.13 | 5 | 0.9 | <0.2 |
| 1217547 | Soil | | 20 | 0.23 | 300 | 0.034 | 2 | 1.17 | 0.005 | 0.04 | <0.1 | 0.02 | 1.4 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| 1217548 | 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. |
| 1217549 | Soil | | 37 | 0.52 | 423 | 0.013 | 2 | 1.41 | 0.009 | 0.04 | <0.1 | 0.12 | 5.1 | <0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 1217550 | Soil | | 16 | 0.51 | 303 | 0.012 | 3 | 0.86 | 0.011 | 0.07 | 0.1 | 0.14 | 2.2 | 0.1 | <0.05 | 3 | 1.0 | <0.2 |
| 1217551 | Soil | | 20 | 0.56 | 290 | 0.014 | 3 | 1.18 | 0.011 | 0.07 | 0.1 | 0.08 | 2.7 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 1217552 | Soil | | 32 | 0.53 | 465 | 0.027 | <1 | 1.93 | 0.009 | 0.05 | 0.1 | 0.03 | 3.3 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 1217553 | Soil | | 20 | 0.75 | 218 | 0.009 | 2 | 1.19 | 0.009 | 0.06 | <0.1 | 0.05 | 2.4 | <0.1 | 0.05 | 3 | <0.5 | <0.2 |
| 1217554 | Soil | | 22 | 0.65 | 245 | 0.020 | 2 | 1.22 | 0.010 | 0.06 | 0.1 | 0.04 | 2.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217555 | Soil | | 18 | 0.55 | 316 | 0.006 | 3 | 1.06 | 0.011 | 0.06 | 0.1 | 0.05 | 2.6 | <0.1 | 0.05 | 3 | <0.5 | <0.2 |
| 1217556 | Soil | | 20 | 0.40 | 280 | 0.008 | 3 | 0.95 | 0.011 | 0.07 | 0.2 | 0.18 | 5.1 | 0.3 | 0.07 | 3 | 0.7 | <0.2 |
| 1217557 | Soil | | 21 | 0.48 | 286 | 0.016 | 6 | 1.21 | 0.010 | 0.08 | 0.2 | 0.20 | 5.3 | 0.2 | <0.05 | 4 | 1.3 | <0.2 |
| 1217558 | Soil | | 27 | 0.30 | 163 | 0.028 | 1 | 1.46 | 0.007 | 0.05 | 0.2 | 0.02 | 2.4 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1217559 | Soil | | 21 | 0.22 | 322 | 0.030 | <1 | 1.16 | 0.006 | 0.05 | 0.1 | 0.02 | 1.6 | 0.1 | <0.05 | 5 | 0.9 | <0.2 |
| 1217560 | Soil | | 27 | 0.37 | 465 | 0.013 | 2 | 1.80 | 0.007 | 0.05 | 0.2 | 0.04 | 2.9 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |



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Project: Arizona
 Report Date: September 19, 2011

Page: 4 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000809.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1217001 | Soil | 0.6 | 26.3 | 20.1 | 72 | 0.1 | 22.7 | 8.7 | 337 | 2.92 | 22.6 | 3.4 | 8.0 | 36 | <0.1 | 3.0 | 0.2 | 22 | 0.73 | 0.061 | 36 |
| 1217002 | Soil | 0.8 | 27.2 | 18.8 | 74 | 0.1 | 26.0 | 10.4 | 375 | 2.92 | 15.5 | 7.2 | 12.5 | 18 | 0.2 | 1.8 | 0.2 | 22 | 0.26 | 0.053 | 36 |
| 1217003 | Soil | 1.1 | 29.8 | 18.4 | 76 | 0.1 | 26.4 | 10.5 | 399 | 2.85 | 24.1 | 3.6 | 10.6 | 23 | 0.2 | 1.9 | 0.2 | 30 | 0.36 | 0.051 | 32 |
| 1217004 | Soil | 0.9 | 30.2 | 17.8 | 74 | <0.1 | 30.9 | 12.0 | 754 | 2.96 | 20.4 | 3.2 | 13.4 | 18 | 0.2 | 1.8 | 0.2 | 24 | 0.24 | 0.047 | 37 |
| 1217005 | Soil | 0.7 | 31.8 | 21.2 | 82 | 0.1 | 26.8 | 11.7 | 408 | 3.13 | 26.0 | 8.4 | 13.6 | 22 | <0.1 | 2.1 | 0.2 | 26 | 0.32 | 0.056 | 35 |
| 1217006 | Soil | 0.8 | 30.1 | 17.4 | 80 | 0.1 | 26.9 | 11.6 | 405 | 2.88 | 34.7 | 4.3 | 12.3 | 23 | 0.2 | 2.5 | 0.2 | 26 | 0.34 | 0.063 | 33 |
| 1217007 | Soil | 0.8 | 29.2 | 18.1 | 78 | 0.1 | 26.9 | 11.7 | 444 | 2.73 | 38.8 | 9.5 | 11.4 | 23 | 0.2 | 2.7 | 0.2 | 27 | 0.34 | 0.065 | 32 |
| 1217008 | Soil | 0.8 | 23.2 | 14.4 | 59 | <0.1 | 21.4 | 8.5 | 220 | 2.52 | 29.6 | 4.5 | 8.2 | 10 | 0.1 | 1.8 | 0.1 | 27 | 0.08 | 0.024 | 26 |
| 1217009 | Soil | 0.5 | 28.7 | 15.8 | 70 | 0.1 | 24.7 | 10.3 | 362 | 2.75 | 32.4 | 3.9 | 11.2 | 19 | 0.1 | 2.3 | 0.2 | 26 | 0.23 | 0.050 | 33 |
| 1217010 | Soil | 0.7 | 32.2 | 16.4 | 83 | 0.1 | 28.3 | 12.0 | 468 | 2.88 | 53.0 | 5.6 | 10.6 | 25 | 0.2 | 3.0 | 0.2 | 32 | 0.40 | 0.065 | 30 |
| 1217011 | Soil | 0.5 | 23.9 | 17.5 | 63 | <0.1 | 23.6 | 10.5 | 291 | 2.70 | 23.8 | 9.6 | 12.0 | 15 | 0.1 | 2.0 | 0.2 | 21 | 0.16 | 0.042 | 37 |
| 1217012 | Soil | 0.7 | 18.7 | 13.1 | 56 | <0.1 | 20.6 | 8.8 | 264 | 2.57 | 23.8 | 21.8 | 6.7 | 12 | 0.1 | 1.5 | 0.1 | 31 | 0.10 | 0.028 | 23 |
| 1217013 | Soil | 0.5 | 38.4 | 15.1 | 65 | <0.1 | 34.3 | 15.8 | 349 | 3.31 | 192.0 | 17.3 | 18.8 | 30 | <0.1 | 0.8 | 0.2 | 9 | 0.18 | 0.018 | 53 |
| 1217014 | Soil | 0.6 | 27.1 | 9.0 | 42 | <0.1 | 25.0 | 9.7 | 427 | 2.38 | 9.0 | 2.7 | 12.5 | 14 | <0.1 | 0.4 | 0.3 | 9 | 0.18 | 0.031 | 38 |
| 1217015 | Soil | 1.1 | 31.9 | 17.7 | 64 | 0.1 | 31.7 | 11.6 | 334 | 3.78 | 16.4 | 2.8 | 13.2 | 15 | <0.1 | 2.2 | 0.4 | 19 | 0.06 | 0.032 | 43 |
| 1217016 | Soil | 1.3 | 21.2 | 10.2 | 44 | <0.1 | 15.6 | 4.9 | 210 | 3.23 | 6.2 | 1.1 | 6.9 | 10 | <0.1 | 0.4 | 0.3 | 21 | 0.06 | 0.036 | 28 |
| 1217017 | Soil | 1.0 | 40.9 | 18.1 | 95 | <0.1 | 48.3 | 19.5 | 535 | 4.70 | 16.4 | 3.2 | 18.3 | 19 | <0.1 | 0.5 | 0.3 | 11 | 0.04 | 0.042 | 30 |
| 1217018 | Soil | 1.0 | 40.8 | 21.7 | 86 | <0.1 | 35.7 | 14.2 | 312 | 4.21 | 6.9 | 2.3 | 20.1 | 18 | <0.1 | 0.3 | 0.4 | 6 | 0.08 | 0.035 | 35 |
| 1217019 | Soil | 1.2 | 49.3 | 20.4 | 68 | <0.1 | 28.3 | 13.4 | 316 | 3.88 | 7.5 | 0.6 | 16.6 | 16 | <0.1 | 0.6 | 0.6 | 13 | 0.06 | 0.038 | 39 |
| 1217020 | Soil | 1.0 | 34.1 | 15.8 | 60 | <0.1 | 34.1 | 10.0 | 269 | 3.24 | 10.0 | 1.9 | 12.7 | 11 | <0.1 | 0.5 | 0.4 | 20 | 0.04 | 0.028 | 29 |
| 1218701 | Soil | 4.0 | 21.9 | 9.3 | 165 | 0.6 | 34.3 | 6.8 | 220 | 2.24 | 7.5 | 2.2 | 3.0 | 17 | 1.1 | 1.6 | 0.2 | 37 | 0.27 | 0.041 | 14 |
| 1218702 | Soil | 1.5 | 22.9 | 6.8 | 82 | 0.1 | 26.8 | 7.0 | 316 | 1.90 | 5.9 | 3.2 | 2.9 | 17 | 0.5 | 0.8 | 0.1 | 30 | 0.24 | 0.065 | 14 |
| 1218703 | Soil | 93.6 | 432.2 | 18.2 | 2116 | 10.3 | 536.7 | 7.1 | 90 | 4.12 | 70.8 | 5.0 | 6.8 | 699 | 13.6 | 31.3 | 0.3 | 4299 | 3.50 | 1.532 | 48 |
| 1218704 | Soil | 1.2 | 12.2 | 12.6 | 63 | 0.2 | 15.9 | 7.3 | 296 | 3.19 | 10.5 | 3.1 | 4.0 | 3 | 0.2 | 0.6 | 0.2 | 26 | 0.08 | 0.026 | 11 |
| 1218705 | Soil | 1.5 | 8.1 | 12.7 | 40 | 0.2 | 10.0 | 4.0 | 194 | 3.17 | 9.4 | 0.8 | 2.6 | 7 | 0.1 | 0.6 | 0.2 | 49 | 0.05 | 0.028 | 10 |
| 1218706 | Soil | 20.7 | 84.7 | 12.2 | 699 | 2.9 | 162.3 | 8.6 | 182 | 2.52 | 21.3 | 2.2 | 3.1 | 86 | 4.4 | 11.9 | 0.2 | 362 | 0.58 | 0.234 | 18 |
| 1218707 | Soil | 3.1 | 44.2 | 7.2 | 181 | 0.6 | 40.4 | 7.4 | 358 | 1.75 | 3.6 | 3.8 | 2.0 | 42 | 0.8 | 1.2 | 0.1 | 31 | 1.05 | 0.046 | 14 |
| 1218708 | Soil | 2.3 | 25.7 | 9.9 | 103 | 0.5 | 34.1 | 8.0 | 229 | 2.34 | 7.1 | 2.9 | 4.2 | 15 | 0.6 | 1.1 | 0.1 | 44 | 0.27 | 0.020 | 17 |
| 1218709 | Soil | 1.0 | 28.4 | 10.6 | 87 | 0.2 | 27.6 | 8.8 | 260 | 2.50 | 7.1 | 1.4 | 4.0 | 13 | 0.1 | 0.8 | 0.2 | 38 | 0.20 | 0.018 | 15 |
| 1218710 | Soil | 1.2 | 8.1 | 8.1 | 47 | 0.1 | 13.8 | 5.1 | 147 | 2.48 | 7.3 | <0.5 | 2.5 | 7 | 0.1 | 0.4 | 0.2 | 51 | 0.08 | 0.015 | 10 |

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Project: Arizona
 Report Date: September 19, 2011

Page: 4 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000809.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1217001 | Soil | 20 | 0.37 | 140 | 0.010 | 2 | 1.06 | 0.005 | 0.06 | 0.3 | 0.06 | 2.8 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1217002 | Soil | 21 | 0.40 | 174 | 0.017 | 1 | 1.13 | 0.005 | 0.06 | 0.2 | 0.03 | 2.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217003 | Soil | 24 | 0.39 | 209 | 0.030 | <1 | 1.29 | 0.008 | 0.08 | 0.4 | 0.04 | 2.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217004 | Soil | 22 | 0.40 | 206 | 0.023 | 1 | 1.12 | 0.005 | 0.07 | 0.3 | 0.03 | 2.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217005 | Soil | 23 | 0.40 | 144 | 0.021 | 3 | 1.24 | 0.006 | 0.08 | 0.3 | 0.06 | 2.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217006 | Soil | 21 | 0.39 | 164 | 0.021 | <1 | 1.16 | 0.007 | 0.08 | 0.5 | 0.05 | 2.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217007 | Soil | 21 | 0.41 | 154 | 0.026 | <1 | 1.11 | 0.007 | 0.08 | 0.7 | 0.05 | 2.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217008 | Soil | 22 | 0.36 | 112 | 0.021 | <1 | 1.19 | 0.004 | 0.05 | 0.6 | 0.03 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217009 | Soil | 21 | 0.41 | 156 | 0.021 | <1 | 1.16 | 0.006 | 0.07 | 0.6 | 0.05 | 2.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217010 | Soil | 24 | 0.44 | 208 | 0.033 | 2 | 1.30 | 0.009 | 0.10 | 0.7 | 0.06 | 2.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217011 | Soil | 18 | 0.33 | 111 | 0.014 | <1 | 1.11 | 0.006 | 0.06 | 0.3 | 0.03 | 2.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217012 | Soil | 22 | 0.35 | 136 | 0.016 | <1 | 1.23 | 0.004 | 0.07 | 0.4 | 0.02 | 1.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217013 | Soil | 10 | 0.09 | 128 | <0.001 | <1 | 0.58 | 0.005 | 0.07 | <0.1 | 0.23 | 2.1 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 1217014 | Soil | 10 | 0.18 | 120 | 0.003 | <1 | 0.68 | 0.003 | 0.05 | 0.1 | 0.06 | 1.1 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217015 | Soil | 13 | 0.23 | 92 | 0.006 | 1 | 1.00 | 0.004 | 0.06 | 0.1 | 0.04 | 1.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217016 | Soil | 13 | 0.19 | 84 | 0.006 | <1 | 0.86 | 0.003 | 0.04 | <0.1 | 0.02 | 0.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217017 | Soil | 12 | 0.22 | 74 | <0.001 | <1 | 0.73 | 0.005 | 0.07 | <0.1 | 0.17 | 1.5 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217018 | Soil | 11 | 0.29 | 72 | 0.001 | <1 | 0.78 | 0.008 | 0.06 | <0.1 | 0.15 | 0.9 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217019 | Soil | 15 | 0.46 | 109 | 0.004 | <1 | 1.23 | 0.005 | 0.06 | 0.1 | 0.04 | 1.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217020 | Soil | 17 | 0.40 | 77 | 0.004 | <1 | 1.35 | 0.003 | 0.05 | 0.2 | 0.02 | 1.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218701 | Soil | 19 | 0.37 | 302 | 0.014 | 1 | 1.05 | 0.007 | 0.07 | 0.1 | 0.07 | 2.0 | 0.2 | <0.05 | 3 | 0.9 | <0.2 |
| 1218702 | Soil | 17 | 0.35 | 411 | 0.028 | <1 | 0.88 | 0.008 | 0.06 | 0.2 | 0.04 | 2.0 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218703 | Soil | 404 | 0.20 | >10000 | 0.064 | 18 | 2.38 | 0.021 | 0.54 | 0.5 | 2.12 | 8.6 | 2.3 | <0.05 | 9 | 70.6 | 0.7 |
| 1218704 | Soil | 21 | 0.37 | 113 | 0.033 | 1 | 1.89 | 0.006 | 0.05 | 0.2 | 0.03 | 1.7 | 0.1 | <0.05 | 5 | 0.6 | <0.2 |
| 1218705 | Soil | 18 | 0.24 | 72 | 0.028 | <1 | 1.14 | 0.004 | 0.04 | 0.1 | 0.05 | 1.0 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1218706 | Soil | 31 | 0.28 | 1347 | 0.020 | 2 | 0.94 | 0.010 | 0.13 | 0.2 | 0.50 | 2.9 | 0.9 | 0.15 | 3 | 9.6 | <0.2 |
| 1218707 | Soil | 18 | 0.53 | 477 | 0.014 | 2 | 0.96 | 0.010 | 0.08 | <0.1 | 0.14 | 2.9 | 0.3 | 0.09 | 3 | 1.1 | <0.2 |
| 1218708 | Soil | 24 | 0.49 | 369 | 0.018 | 1 | 1.45 | 0.008 | 0.08 | 0.1 | 0.09 | 3.1 | 0.2 | <0.05 | 4 | 0.7 | <0.2 |
| 1218709 | Soil | 27 | 0.53 | 299 | 0.013 | 1 | 1.44 | 0.006 | 0.07 | <0.1 | 0.04 | 2.8 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218710 | Soil | 20 | 0.35 | 96 | 0.025 | <1 | 1.40 | 0.004 | 0.04 | 0.2 | 0.03 | 1.4 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |

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Project: Arizona
 Report Date: September 19, 2011

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CERTIFICATE OF ANALYSIS

WHI11000809.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1218711 | Soil | 1.2 | 12.2 | 9.9 | 53 | 0.1 | 17.1 | 6.8 | 235 | 3.01 | 11.4 | 2.9 | 3.5 | 8 | 0.2 | 0.6 | 0.2 | 43 | 0.06 | 0.028 | 10 |
| 1218712 | Soil | 1.2 | 17.9 | 10.5 | 55 | <0.1 | 19.6 | 8.9 | 310 | 2.49 | 9.1 | 2.2 | 4.6 | 10 | 0.2 | 0.5 | 0.2 | 38 | 0.10 | 0.028 | 13 |
| 1218713 | Soil | 2.8 | 26.0 | 8.9 | 64 | 0.2 | 27.7 | 7.3 | 322 | 2.36 | 7.3 | 2.9 | 2.7 | 21 | 0.1 | 0.6 | 0.1 | 31 | 0.28 | 0.053 | 15 |
| 1218714 | Soil | 1.2 | 20.4 | 6.8 | 27 | 0.4 | 15.2 | 4.9 | 566 | 0.93 | 2.6 | 2.4 | 0.6 | 91 | 0.2 | 0.6 | <0.1 | 14 | 1.32 | 0.107 | 5 |
| 1218715 | Soil | 1.5 | 16.9 | 7.6 | 38 | 0.6 | 17.6 | 3.2 | 73 | 1.88 | 5.2 | 1.4 | 0.7 | 57 | 0.3 | 0.5 | 0.1 | 32 | 0.26 | 0.135 | 12 |
| 1218716 | Soil | 2.3 | 28.6 | 7.0 | 80 | 0.3 | 34.1 | 15.4 | 627 | 3.84 | 5.1 | 0.6 | 1.9 | 70 | 0.2 | 0.6 | 0.1 | 81 | 0.46 | 0.126 | 16 |
| 1218717 | Soil | 3.7 | 72.4 | 8.7 | 94 | 1.3 | 26.5 | 11.6 | 400 | 3.14 | 5.2 | 7.1 | 1.9 | 93 | 0.7 | 0.8 | 0.1 | 78 | 1.09 | 0.079 | 21 |
| 1218718 | Soil | 3.6 | 39.9 | 10.8 | 80 | 0.8 | 20.8 | 8.7 | 432 | 2.17 | 6.0 | 3.5 | 0.7 | 50 | 1.3 | 0.7 | 0.2 | 62 | 0.58 | 0.060 | 12 |
| 1218719 | Soil | 13.7 | 150.2 | 88.3 | 232 | 3.8 | 58.8 | 16.1 | 270 | 3.68 | 56.9 | 13.5 | 6.9 | 149 | 2.8 | 6.2 | 2.9 | 39 | 2.35 | 0.103 | 24 |
| 1218720 | Soil | 1.0 | 18.6 | 10.0 | 53 | 0.2 | 25.7 | 9.6 | 294 | 2.58 | 8.5 | 1.1 | 3.9 | 12 | 0.2 | 0.5 | 0.2 | 40 | 0.19 | 0.061 | 17 |
| 1218721 | Soil | 1.6 | 20.3 | 13.9 | 57 | <0.1 | 15.3 | 7.6 | 362 | 3.02 | 8.7 | 3.2 | 1.3 | 8 | 0.2 | 0.7 | 0.2 | 55 | 0.09 | 0.050 | 13 |
| 1218722 | Soil | 0.5 | 12.9 | 10.1 | 48 | <0.1 | 17.2 | 7.6 | 239 | 1.96 | 1.7 | 1.1 | 6.6 | 214 | <0.1 | 0.2 | <0.1 | 8 | 7.51 | 0.103 | 26 |
| 1218723 | Soil | 1.9 | 36.9 | 11.2 | 77 | 0.3 | 30.2 | 10.0 | 261 | 2.84 | 7.3 | 5.7 | 3.7 | 48 | 0.3 | 0.8 | 0.2 | 35 | 0.96 | 0.058 | 22 |
| 1218724 | Soil | 1.8 | 21.8 | 12.7 | 66 | 0.2 | 22.9 | 9.7 | 474 | 2.77 | 7.7 | <0.5 | 1.1 | 73 | 0.3 | 1.0 | 0.1 | 40 | 1.57 | 0.052 | 12 |
| 1218725 | Soil | 1.6 | 7.1 | 12.0 | 45 | <0.1 | 10.8 | 6.2 | 288 | 3.09 | 8.1 | <0.5 | 2.6 | 9 | 0.2 | 0.4 | 0.2 | 66 | 0.10 | 0.033 | 10 |
| 1218726 | Soil | 0.8 | 17.7 | 9.5 | 43 | <0.1 | 18.2 | 7.2 | 275 | 2.31 | 10.2 | 2.2 | 2.6 | 14 | <0.1 | 0.5 | 0.1 | 35 | 0.18 | 0.060 | 17 |
| 1218727 | Soil | 0.8 | 11.5 | 9.2 | 40 | <0.1 | 13.7 | 4.4 | 120 | 2.12 | 7.9 | 1.6 | 0.4 | 11 | <0.1 | 0.4 | 0.1 | 35 | 0.13 | 0.044 | 11 |
| 1218728 | Soil | 0.8 | 13.4 | 10.9 | 47 | <0.1 | 14.9 | 5.7 | 213 | 2.08 | 8.5 | 1.9 | 1.7 | 12 | <0.1 | 0.6 | 0.1 | 37 | 0.14 | 0.037 | 16 |
| 1218729 | Soil | 1.8 | 18.7 | 13.8 | 51 | <0.1 | 13.3 | 4.8 | 302 | 2.20 | 15.4 | 4.8 | 0.5 | 7 | 0.1 | 1.0 | 0.2 | 39 | 0.06 | 0.043 | 14 |
| 1218730 | Soil | 1.0 | 29.3 | 15.4 | 60 | 0.1 | 22.4 | 10.6 | 524 | 2.93 | 12.0 | 3.1 | 3.8 | 16 | 0.3 | 1.2 | 0.4 | 44 | 0.16 | 0.041 | 17 |
| 1217561 | Soil | 1.1 | 12.4 | 19.3 | 58 | <0.1 | 14.9 | 7.2 | 297 | 2.38 | 10.3 | 1.2 | 5.4 | 13 | <0.1 | 0.6 | 0.3 | 41 | 0.13 | 0.047 | 16 |
| 1217562 | Soil | 1.4 | 31.0 | 6.7 | 45 | 0.3 | 14.6 | 4.5 | 261 | 1.32 | 5.1 | 2.6 | 0.8 | 162 | 0.4 | 0.9 | 0.4 | 17 | 3.26 | 0.083 | 10 |
| 1217563 | Soil | 0.9 | 20.7 | 13.9 | 54 | 0.1 | 19.4 | 7.7 | 255 | 2.25 | 11.1 | 3.1 | 1.7 | 23 | 0.1 | 0.5 | 0.2 | 40 | 0.26 | 0.066 | 24 |
| 1217564 | Soil | 0.6 | 21.8 | 12.3 | 54 | 0.2 | 21.8 | 7.2 | 263 | 2.19 | 11.4 | 4.8 | 4.2 | 22 | 0.1 | 0.6 | 0.1 | 36 | 0.33 | 0.082 | 33 |
| 1217565 | Soil | 0.7 | 16.6 | 16.0 | 59 | <0.1 | 20.6 | 8.6 | 289 | 2.29 | 9.1 | 1.9 | 3.9 | 19 | 0.2 | 0.4 | 0.1 | 38 | 0.21 | 0.068 | 23 |
| 1217566 | Soil | 0.4 | 18.8 | 12.6 | 52 | 0.1 | 18.4 | 7.9 | 397 | 2.02 | 7.1 | 3.8 | 2.2 | 74 | 0.2 | 0.4 | 0.1 | 25 | 1.79 | 0.075 | 16 |
| 1217567 | Soil | 0.5 | 27.0 | 8.5 | 55 | 0.1 | 19.2 | 9.3 | 574 | 2.04 | 5.5 | 1.8 | 1.6 | 82 | 0.2 | 0.7 | <0.1 | 26 | 2.16 | 0.087 | 16 |
| 1217568 | Soil | 0.5 | 25.0 | 12.0 | 59 | 0.1 | 22.9 | 10.2 | 450 | 2.50 | 5.1 | 7.0 | 3.7 | 62 | 0.2 | 0.4 | <0.1 | 29 | 1.47 | 0.103 | 25 |
| 1217569 | Soil | 0.7 | 26.1 | 9.3 | 65 | 0.1 | 25.2 | 9.0 | 329 | 2.66 | 5.8 | 2.2 | 2.6 | 38 | 0.3 | 0.5 | <0.1 | 43 | 0.91 | 0.073 | 24 |
| 1217570 | Soil | 0.7 | 20.8 | 9.8 | 57 | <0.1 | 20.2 | 11.4 | 486 | 2.61 | 8.6 | 2.3 | 2.5 | 20 | 0.2 | 0.4 | <0.1 | 47 | 0.29 | 0.055 | 21 |

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Project: Arizona
 Report Date: September 19, 2011

Page: 5 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000809.1

| Method Analyte | Unit | MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|-------------------|------|-----|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| | | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| | | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1218711 | Soil | | 23 | 0.40 | 117 | 0.028 | <1 | 1.72 | 0.005 | 0.04 | 0.1 | 0.03 | 1.6 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1218712 | Soil | | 24 | 0.41 | 206 | 0.032 | <1 | 1.63 | 0.009 | 0.05 | 0.1 | 0.07 | 2.1 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218713 | Soil | | 19 | 0.45 | 370 | 0.031 | 1 | 1.10 | 0.007 | 0.06 | 0.2 | 0.07 | 2.6 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218714 | Soil | | 10 | 0.28 | 744 | 0.008 | 3 | 0.59 | 0.012 | 0.04 | <0.1 | 0.18 | 0.9 | 0.1 | 0.21 | 2 | 0.7 | <0.2 |
| 1218715 | Soil | | 17 | 0.19 | 709 | 0.006 | 1 | 0.73 | 0.006 | 0.05 | <0.1 | 0.39 | 1.6 | 0.3 | 0.10 | 3 | 1.2 | <0.2 |
| 1218716 | Soil | | 35 | 0.59 | 1087 | 0.004 | 2 | 1.37 | 0.007 | 0.07 | <0.1 | 0.21 | 3.5 | 0.2 | 0.07 | 5 | 0.7 | <0.2 |
| 1218717 | Soil | | 23 | 0.94 | 741 | 0.035 | 2 | 1.86 | 0.012 | 0.08 | <0.1 | 0.24 | 2.8 | 0.2 | 0.12 | 7 | 2.0 | <0.2 |
| 1218718 | Soil | | 23 | 0.49 | 386 | 0.014 | 1 | 1.26 | 0.011 | 0.06 | 0.1 | 0.08 | 1.4 | 0.2 | 0.10 | 5 | 0.8 | <0.2 |
| 1218719 | Soil | | 9 | 0.37 | 231 | <0.001 | 2 | 0.46 | 0.003 | 0.13 | <0.1 | 0.23 | 2.4 | 0.3 | 0.11 | 2 | 4.7 | <0.2 |
| 1218720 | Soil | | 24 | 0.37 | 229 | 0.016 | <1 | 1.75 | 0.007 | 0.04 | 0.1 | 0.04 | 2.6 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218721 | Soil | | 20 | 0.45 | 74 | 0.020 | <1 | 1.17 | 0.004 | 0.05 | 0.1 | 0.03 | 1.1 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1218722 | Soil | | 13 | 0.68 | 155 | 0.004 | 2 | 0.78 | 0.003 | 0.07 | <0.1 | 0.04 | 2.1 | <0.1 | 0.09 | 3 | <0.5 | <0.2 |
| 1218723 | Soil | | 21 | 0.93 | 248 | 0.011 | 2 | 1.32 | 0.006 | 0.07 | 0.1 | 0.13 | 3.4 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218724 | Soil | | 22 | 0.30 | 491 | 0.009 | 2 | 1.05 | 0.010 | 0.06 | 0.2 | 0.06 | 2.0 | 0.1 | 0.09 | 4 | <0.5 | <0.2 |
| 1218725 | Soil | | 22 | 0.27 | 158 | 0.029 | <1 | 1.48 | 0.004 | 0.03 | 0.2 | 0.03 | 1.6 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| 1218726 | Soil | | 19 | 0.34 | 181 | 0.024 | <1 | 1.27 | 0.006 | 0.04 | 0.2 | 0.04 | 1.9 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218727 | Soil | | 19 | 0.31 | 116 | 0.016 | <1 | 1.31 | 0.004 | 0.04 | 0.1 | 0.04 | 0.9 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218728 | Soil | | 22 | 0.40 | 361 | 0.030 | <1 | 1.28 | 0.006 | 0.04 | 0.2 | 0.04 | 1.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218729 | Soil | | 17 | 0.20 | 82 | 0.017 | <1 | 0.99 | 0.004 | 0.04 | 0.1 | 0.03 | 0.9 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218730 | Soil | | 24 | 0.33 | 225 | 0.025 | 2 | 1.34 | 0.005 | 0.04 | 0.1 | 0.09 | 3.4 | 0.2 | <0.05 | 4 | <0.5 | <0.2 |
| 1217561 | Soil | | 23 | 0.38 | 155 | 0.020 | 1 | 1.28 | 0.006 | 0.04 | 0.2 | 0.03 | 2.2 | 0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 1217562 | Soil | | 11 | 0.20 | 408 | 0.009 | 6 | 0.57 | 0.010 | 0.04 | 0.1 | 0.15 | 1.7 | <0.1 | 0.14 | 1 | 1.0 | <0.2 |
| 1217563 | Soil | | 24 | 0.38 | 345 | 0.022 | 1 | 1.40 | 0.008 | 0.04 | 0.2 | 0.08 | 2.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217564 | Soil | | 22 | 0.38 | 391 | 0.025 | 1 | 1.14 | 0.008 | 0.04 | 0.2 | 0.08 | 2.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217565 | Soil | | 23 | 0.38 | 233 | 0.024 | 1 | 1.36 | 0.007 | 0.05 | 0.2 | 0.04 | 2.6 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1217566 | Soil | | 20 | 0.55 | 315 | 0.011 | 4 | 1.18 | 0.011 | 0.05 | <0.1 | 0.06 | 2.6 | <0.1 | 0.10 | 3 | <0.5 | <0.2 |
| 1217567 | Soil | | 21 | 0.56 | 442 | 0.014 | 3 | 1.25 | 0.012 | 0.04 | <0.1 | 0.08 | 2.5 | <0.1 | 0.12 | 3 | 0.8 | <0.2 |
| 1217568 | Soil | | 24 | 0.78 | 315 | 0.016 | 2 | 1.53 | 0.008 | 0.05 | <0.1 | 0.05 | 3.9 | <0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 1217569 | Soil | | 27 | 0.68 | 292 | 0.023 | 2 | 1.59 | 0.008 | 0.06 | 0.2 | 0.05 | 3.7 | <0.1 | <0.05 | 5 | 0.6 | <0.2 |
| 1217570 | Soil | | 30 | 0.48 | 387 | 0.016 | 1 | 1.77 | 0.007 | 0.05 | 0.1 | 0.04 | 3.3 | <0.1 | <0.05 | 5 | 0.6 | <0.2 |

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Project: Arizona
 Report Date: September 19, 2011

Page: 6 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000809.1

| Method Analyte | Unit | MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|----------------|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| | | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1217571 | Soil | | 0.8 | 25.0 | 10.5 | 61 | <0.1 | 23.4 | 10.1 | 390 | 2.65 | 11.1 | 2.7 | 2.5 | 20 | 0.2 | 0.6 | 0.1 | 50 | 0.23 | 0.055 | 18 |
| 1217572 | Soil | | 0.8 | 17.9 | 10.9 | 53 | <0.1 | 22.8 | 9.7 | 370 | 2.50 | 10.9 | 3.9 | 2.7 | 13 | 0.1 | 0.6 | <0.1 | 44 | 0.14 | 0.044 | 15 |
| 1217573 | Soil | | 0.8 | 27.0 | 10.9 | 60 | 0.1 | 24.7 | 9.8 | 423 | 2.43 | 11.9 | 2.7 | 2.1 | 22 | 0.1 | 0.6 | 0.1 | 42 | 0.35 | 0.060 | 18 |
| 1217574 | Soil | | 0.8 | 19.9 | 11.6 | 47 | <0.1 | 16.3 | 6.3 | 273 | 2.04 | 10.0 | 2.8 | 0.4 | 16 | 0.2 | 0.5 | <0.1 | 41 | 0.20 | 0.072 | 14 |
| 1217575 | Soil | | 0.9 | 30.3 | 8.4 | 58 | <0.1 | 38.3 | 13.4 | 349 | 2.82 | 10.5 | 3.4 | 3.3 | 19 | 0.2 | 0.6 | <0.1 | 63 | 0.27 | 0.057 | 15 |
| 1217576 | Soil | | 0.9 | 18.9 | 8.9 | 48 | <0.1 | 22.0 | 10.6 | 321 | 2.71 | 10.2 | 1.8 | 2.1 | 14 | 0.1 | 0.5 | <0.1 | 52 | 0.17 | 0.056 | 13 |
| 1217577 | Soil | | 0.5 | 4.7 | 10.9 | 19 | <0.1 | 6.1 | 2.4 | 69 | 1.46 | 4.9 | 1.1 | 0.3 | 9 | <0.1 | 0.3 | 0.3 | 48 | 0.07 | 0.030 | 13 |
| 1217578 | Soil | | 0.8 | 15.1 | 11.6 | 51 | <0.1 | 17.5 | 9.8 | 303 | 2.38 | 12.6 | 2.0 | 2.1 | 15 | 0.3 | 0.7 | 0.1 | 40 | 0.16 | 0.080 | 15 |
| 1217579 | Soil | | 0.7 | 17.3 | 14.2 | 56 | <0.1 | 19.3 | 10.0 | 396 | 2.54 | 11.8 | 4.1 | 3.9 | 12 | 0.1 | 0.7 | <0.1 | 45 | 0.11 | 0.054 | 16 |
| 1217580 | Soil | | 0.8 | 14.6 | 26.5 | 65 | <0.1 | 18.3 | 9.3 | 385 | 2.66 | 11.0 | 1.3 | 5.6 | 14 | 0.2 | 0.7 | <0.1 | 38 | 0.15 | 0.065 | 17 |
| 1217581 | Soil | | 0.9 | 11.4 | 11.7 | 51 | <0.1 | 10.6 | 5.1 | 160 | 2.01 | 8.6 | 2.1 | 0.5 | 15 | 0.1 | 0.4 | <0.1 | 42 | 0.13 | 0.095 | 16 |
| 1217582 | Soil | | 0.8 | 12.1 | 12.1 | 45 | <0.1 | 12.7 | 6.2 | 210 | 2.34 | 10.0 | 1.8 | 1.4 | 12 | <0.1 | 0.4 | <0.1 | 49 | 0.11 | 0.056 | 17 |
| 1217583 | Soil | | 0.9 | 25.5 | 11.3 | 49 | <0.1 | 17.2 | 6.6 | 215 | 2.38 | 12.3 | 4.4 | 1.2 | 11 | 0.2 | 0.6 | <0.1 | 43 | 0.10 | 0.050 | 12 |
| 1217584 | Soil | | 1.7 | 31.4 | 10.7 | 59 | <0.1 | 16.3 | 5.3 | 174 | 2.02 | 9.4 | 2.0 | 0.2 | 11 | 0.2 | 0.7 | <0.1 | 48 | 0.08 | 0.060 | 11 |
| 1217585 | Soil | | 1.7 | 22.7 | 11.7 | 61 | <0.1 | 16.2 | 5.7 | 195 | 2.89 | 11.3 | 4.2 | 2.1 | 9 | 0.2 | 0.7 | <0.1 | 55 | 0.08 | 0.040 | 11 |
| 1217586 | Soil | | 1.2 | 14.3 | 11.2 | 49 | <0.1 | 15.3 | 6.6 | 246 | 2.68 | 11.6 | 2.6 | 1.0 | 10 | 0.2 | 0.6 | <0.1 | 46 | 0.09 | 0.040 | 12 |
| 1217587 | Soil | | 1.6 | 21.1 | 11.6 | 68 | <0.1 | 20.6 | 8.6 | 342 | 2.75 | 12.0 | 4.2 | 2.5 | 15 | 0.2 | 0.7 | <0.1 | 50 | 0.15 | 0.062 | 15 |
| 1217588 | Soil | | 0.9 | 10.7 | 10.2 | 40 | <0.1 | 11.5 | 4.6 | 171 | 2.08 | 9.9 | 1.0 | 0.3 | 11 | 0.2 | 0.4 | <0.1 | 46 | 0.09 | 0.047 | 12 |
| 1217589 | Soil | | 2.1 | 23.6 | 8.3 | 61 | 0.2 | 15.5 | 4.1 | 117 | 1.79 | 7.8 | 5.3 | 0.2 | 12 | 0.3 | 0.6 | <0.1 | 43 | 0.07 | 0.061 | 12 |
| 1218564 | Soil | | 1.4 | 24.4 | 8.4 | 32 | 0.4 | 20.8 | 6.9 | 821 | 1.55 | 4.0 | 0.8 | 0.8 | 95 | 0.2 | 0.7 | <0.1 | 28 | 2.50 | 0.108 | 11 |
| 1218566 A | Soil | | 1.5 | 35.8 | 9.2 | 63 | 0.5 | 24.7 | 7.5 | 251 | 1.93 | 4.8 | 2.0 | 1.9 | 40 | 0.2 | 0.6 | <0.1 | 32 | 0.95 | 0.064 | 17 |
| 1218566 B | Soil | | 1.7 | 21.8 | 9.5 | 78 | 0.1 | 22.3 | 7.7 | 319 | 1.97 | 4.9 | 2.0 | 2.8 | 20 | 0.3 | 0.5 | <0.1 | 28 | 0.37 | 0.039 | 16 |
| 1218567 | Soil | | 1.3 | 20.2 | 8.7 | 65 | 0.2 | 22.5 | 8.6 | 361 | 2.34 | 5.8 | 4.9 | 2.5 | 29 | 0.2 | 0.7 | <0.1 | 31 | 0.61 | 0.032 | 12 |
| 1218568 | Soil | | 0.5 | 31.2 | 10.6 | 100 | 0.4 | 23.4 | 9.2 | 380 | 1.70 | 3.6 | 3.0 | 1.8 | 45 | 0.6 | 0.6 | <0.1 | 35 | 0.95 | 0.077 | 17 |
| 1218569 | Soil | | 0.9 | 34.3 | 10.0 | 130 | 0.4 | 32.2 | 8.2 | 356 | 2.36 | 6.2 | 4.3 | 2.8 | 31 | 0.1 | 0.6 | <0.1 | 31 | 0.56 | 0.048 | 17 |
| 1218570 | Soil | | 1.4 | 8.8 | 7.9 | 67 | <0.1 | 14.1 | 4.6 | 130 | 1.73 | 7.8 | 0.6 | 2.8 | 15 | 0.2 | 0.5 | 0.2 | 42 | 0.17 | 0.018 | 11 |
| 1218571 | Soil | | 1.4 | 19.8 | 13.6 | 92 | 0.2 | 27.0 | 9.1 | 260 | 3.27 | 10.1 | 2.1 | 3.5 | 11 | 0.4 | 0.8 | 0.3 | 41 | 0.08 | 0.034 | 12 |
| 1218572 | Soil | | 1.4 | 32.4 | 9.7 | 123 | 0.7 | 27.1 | 8.1 | 264 | 1.77 | 4.1 | 5.9 | 1.4 | 54 | 0.8 | 1.0 | 0.2 | 21 | 0.93 | 0.059 | 12 |
| 1218573 | Soil | | 1.6 | 15.8 | 9.7 | 83 | 0.1 | 19.6 | 8.5 | 403 | 1.86 | 3.3 | 1.8 | 2.6 | 26 | 0.7 | 0.6 | 0.2 | 24 | 0.45 | 0.030 | 13 |
| 1218574 | Soil | | 0.9 | 16.6 | 10.3 | 52 | <0.1 | 24.7 | 9.6 | 207 | 2.46 | 7.4 | 1.3 | 3.7 | 11 | 0.2 | 0.5 | 0.2 | 41 | 0.11 | 0.017 | 12 |

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Project: Arizona
Report Date: September 19, 2011

Page: 6 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000809.1

| Method Analyte | Unit | MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|-------------------|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| | | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| | | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1217571 | Soil | | 28 | 0.52 | 372 | 0.026 | 1 | 1.68 | 0.009 | 0.05 | 0.2 | 0.05 | 3.0 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1217572 | Soil | | 25 | 0.45 | 178 | 0.028 | <1 | 1.54 | 0.006 | 0.04 | 0.2 | 0.03 | 2.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217573 | Soil | | 27 | 0.44 | 426 | 0.023 | 1 | 1.34 | 0.010 | 0.04 | 0.2 | 0.06 | 2.9 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217574 | Soil | | 24 | 0.25 | 173 | 0.013 | <1 | 1.13 | 0.006 | 0.04 | <0.1 | 0.05 | 0.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217575 | Soil | | 42 | 0.67 | 323 | 0.075 | 1 | 1.80 | 0.008 | 0.04 | 0.1 | 0.02 | 3.8 | <0.1 | <0.05 | 5 | 0.6 | <0.2 |
| 1217576 | Soil | | 26 | 0.46 | 201 | 0.052 | 1 | 1.72 | 0.007 | 0.04 | 0.1 | 0.03 | 2.4 | <0.1 | <0.05 | 5 | 0.5 | <0.2 |
| 1217577 | Soil | | 18 | 0.17 | 152 | 0.024 | <1 | 1.13 | 0.005 | 0.02 | <0.1 | 0.05 | 0.6 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 1217578 | Soil | | 22 | 0.40 | 129 | 0.028 | 1 | 1.38 | 0.006 | 0.04 | 0.2 | 0.04 | 2.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217579 | Soil | | 28 | 0.42 | 179 | 0.036 | <1 | 1.60 | 0.006 | 0.05 | 0.2 | 0.04 | 2.7 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217580 | Soil | | 26 | 0.45 | 146 | 0.025 | <1 | 1.56 | 0.005 | 0.05 | 1.4 | 0.03 | 2.5 | <0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 1217581 | Soil | | 24 | 0.27 | 214 | 0.013 | <1 | 1.43 | 0.006 | 0.04 | 0.1 | 0.08 | 0.8 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1217582 | Soil | | 27 | 0.36 | 148 | 0.023 | <1 | 1.53 | 0.006 | 0.04 | 0.2 | 0.06 | 2.2 | 0.1 | <0.05 | 5 | 0.8 | <0.2 |
| 1217583 | Soil | | 23 | 0.33 | 106 | 0.019 | <1 | 1.41 | 0.005 | 0.04 | 0.1 | 0.05 | 1.6 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217584 | Soil | | 21 | 0.23 | 97 | 0.011 | <1 | 1.04 | 0.005 | 0.04 | <0.1 | 0.04 | 0.5 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1217585 | Soil | | 27 | 0.36 | 88 | 0.030 | <1 | 1.39 | 0.005 | 0.04 | 0.1 | 0.05 | 1.9 | 0.1 | <0.05 | 5 | 0.6 | <0.2 |
| 1217586 | Soil | | 23 | 0.35 | 107 | 0.022 | <1 | 1.30 | 0.005 | 0.03 | 0.1 | 0.05 | 1.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217587 | Soil | | 26 | 0.40 | 189 | 0.027 | 1 | 1.54 | 0.006 | 0.04 | 0.2 | 0.07 | 2.4 | 0.1 | <0.05 | 4 | 1.0 | <0.2 |
| 1217588 | Soil | | 23 | 0.28 | 98 | 0.017 | <1 | 1.22 | 0.010 | 0.03 | 0.1 | 0.03 | 0.9 | 0.1 | <0.05 | 5 | 0.7 | <0.2 |
| 1217589 | Soil | | 22 | 0.20 | 118 | 0.008 | <1 | 1.04 | 0.006 | 0.05 | <0.1 | 0.05 | 0.4 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218564 | Soil | | 16 | 0.57 | 801 | 0.014 | 4 | 0.69 | 0.010 | 0.04 | <0.1 | 0.12 | 1.8 | <0.1 | 0.12 | 2 | 1.5 | <0.2 |
| 1218566 A | Soil | | 23 | 0.70 | 464 | 0.023 | 2 | 1.24 | 0.013 | 0.09 | 0.1 | 0.16 | 3.8 | 0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1218566 B | Soil | | 19 | 0.43 | 341 | 0.019 | 2 | 0.91 | 0.008 | 0.09 | <0.1 | 0.04 | 2.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218567 | Soil | | 20 | 0.41 | 590 | 0.015 | 2 | 0.97 | 0.008 | 0.07 | 0.1 | 0.04 | 2.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218568 | Soil | | 27 | 0.53 | 718 | 0.019 | 2 | 1.19 | 0.008 | 0.07 | <0.1 | 0.11 | 3.7 | 0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 1218569 | Soil | | 21 | 0.50 | 568 | 0.019 | 1 | 1.03 | 0.008 | 0.07 | 0.1 | 0.10 | 4.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218570 | Soil | | 19 | 0.36 | 336 | 0.021 | <1 | 0.99 | 0.006 | 0.04 | 0.2 | <0.01 | 1.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218571 | Soil | | 27 | 0.39 | 196 | 0.020 | <1 | 1.30 | 0.006 | 0.04 | 0.1 | 0.04 | 2.7 | <0.1 | <0.05 | 4 | 0.7 | <0.2 |
| 1218572 | Soil | | 16 | 0.42 | 390 | 0.011 | 2 | 0.65 | 0.007 | 0.05 | 0.1 | 0.12 | 3.4 | 0.1 | <0.05 | 2 | 1.1 | <0.2 |
| 1218573 | Soil | | 16 | 0.38 | 303 | 0.008 | <1 | 0.89 | 0.007 | 0.06 | 0.1 | 0.04 | 2.5 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 1218574 | Soil | | 26 | 0.54 | 270 | 0.014 | <1 | 1.63 | 0.005 | 0.05 | 0.1 | 0.02 | 2.2 | <0.1 | <0.05 | 4 | 0.7 | <0.2 |

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Project: Arizona
 Report Date: September 19, 2011

Page: 7 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000809.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | MDL | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | MDL | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1218575 | Soil | 2.2 | 26.8 | 8.4 | 67 | 0.3 | 28.7 | 8.0 | 334 | 1.52 | 4.3 | 2.4 | 1.2 | 66 | 0.2 | 1.0 | 0.2 | 14 | 1.09 | 0.085 | 10 |
| 1218576 | Soil | 1.7 | 16.1 | 7.0 | 30 | 0.4 | 11.7 | 3.2 | 86 | 1.49 | 5.1 | 2.3 | 0.3 | 35 | 0.2 | 0.6 | 0.2 | 18 | 0.26 | 0.110 | 10 |
| 1218577 | Soil | 1.5 | 16.0 | 6.7 | 30 | 0.3 | 11.5 | 2.3 | 48 | 1.68 | 4.6 | 1.7 | 0.1 | 53 | 0.2 | 0.4 | 0.1 | 28 | 0.17 | 0.081 | 10 |
| 1218578 | Soil | 5.8 | 60.2 | 6.9 | 137 | 0.5 | 76.5 | 21.1 | 1020 | 3.83 | 6.8 | 1.5 | 2.0 | 226 | 1.4 | 1.3 | 0.1 | 90 | 0.66 | 0.128 | 21 |
| 1218579 | Soil | 2.2 | 40.7 | 5.6 | 81 | 0.5 | 41.8 | 12.7 | 266 | 3.16 | 3.2 | 1.5 | 2.1 | 131 | 0.5 | 0.6 | 0.1 | 72 | 0.63 | 0.097 | 20 |
| 1218580 | Soil | 1.2 | 38.7 | 6.8 | 71 | 0.3 | 42.1 | 12.8 | 354 | 2.63 | 3.8 | 1.7 | 2.1 | 78 | 0.3 | 0.5 | 0.1 | 45 | 0.66 | 0.087 | 17 |
| 1218581 | Soil | 1.4 | 31.4 | 7.0 | 86 | 0.3 | 31.2 | 10.9 | 589 | 2.57 | 6.1 | 3.2 | 1.7 | 75 | 0.9 | 0.8 | 0.1 | 46 | 0.75 | 0.094 | 14 |
| 1218582 | Soil | 0.5 | 22.7 | 8.5 | 54 | 0.1 | 17.4 | 8.3 | 553 | 1.84 | 6.1 | 3.4 | 1.3 | 83 | 0.3 | 0.5 | 0.1 | 20 | 1.75 | 0.076 | 11 |
| 1218583 | Soil | 0.4 | 22.8 | 12.3 | 58 | 0.1 | 21.6 | 8.6 | 257 | 2.20 | 3.5 | 3.8 | 4.7 | 81 | 0.2 | 0.3 | 0.2 | 19 | 1.96 | 0.083 | 21 |
| 1218584 | Soil | 0.6 | 25.2 | 11.2 | 63 | 0.1 | 22.3 | 9.2 | 330 | 2.21 | 5.3 | 5.2 | 4.7 | 101 | 0.3 | 0.6 | 0.2 | 23 | 2.96 | 0.081 | 17 |
| 1218585 | Soil | 0.6 | 22.8 | 11.5 | 67 | 0.1 | 22.9 | 9.1 | 315 | 2.27 | 6.2 | 2.2 | 5.0 | 107 | 0.3 | 0.5 | 0.2 | 25 | 3.13 | 0.082 | 18 |
| 1218586 | Soil | 0.8 | 17.5 | 9.3 | 58 | 0.1 | 18.6 | 13.2 | 834 | 3.95 | 8.3 | 2.5 | 2.5 | 67 | 0.3 | 0.4 | <0.1 | 18 | 1.29 | 0.095 | 13 |
| 1218587 | Soil | 0.6 | 26.3 | 12.6 | 65 | 0.2 | 23.5 | 9.3 | 314 | 2.37 | 5.3 | 2.7 | 2.8 | 53 | 0.2 | 0.9 | 0.1 | 22 | 1.19 | 0.084 | 18 |
| 1218588 | Soil | 1.1 | 21.8 | 11.2 | 65 | 0.2 | 15.6 | 10.3 | 335 | 2.65 | 10.7 | 2.5 | 2.4 | 52 | 0.3 | 1.5 | 0.1 | 32 | 0.93 | 0.081 | 15 |
| 1218589 | Soil | 1.0 | 37.4 | 8.8 | 60 | 0.2 | 21.4 | 8.8 | 254 | 2.56 | 6.8 | 5.1 | 2.0 | 53 | 0.1 | 1.3 | 0.1 | 33 | 0.89 | 0.086 | 21 |
| 1218590 | Soil | 1.0 | 33.3 | 8.1 | 50 | 0.3 | 19.1 | 8.0 | 619 | 1.99 | 6.8 | 2.5 | 0.9 | 134 | 0.3 | 1.4 | 0.2 | 24 | 2.30 | 0.088 | 14 |
| 1218591 | Soil | 1.6 | 43.1 | 10.1 | 56 | 0.2 | 24.6 | 9.2 | 745 | 2.33 | 9.7 | 4.3 | 1.0 | 114 | 0.3 | 2.9 | 0.2 | 24 | 2.04 | 0.078 | 16 |
| 1218592 | Soil | 1.0 | 13.3 | 17.3 | 54 | 0.2 | 11.6 | 6.1 | 322 | 1.89 | 6.3 | 1.4 | 2.9 | 111 | 0.1 | 0.7 | <0.1 | 24 | 1.62 | 0.068 | 18 |
| 1218593 | Soil | 1.1 | 17.5 | 20.1 | 75 | 0.3 | 16.8 | 9.1 | 725 | 2.25 | 7.5 | 2.3 | 5.9 | 47 | 0.3 | 0.6 | 0.1 | 29 | 0.69 | 0.087 | 42 |
| 1218594 | Soil | 1.6 | 32.5 | 20.3 | 74 | 0.3 | 21.8 | 8.8 | 680 | 2.44 | 12.5 | 1.8 | 3.2 | 74 | 0.4 | 1.7 | 0.2 | 27 | 1.17 | 0.075 | 24 |
| 1218595 | Soil | 2.8 | 46.5 | 11.0 | 84 | 0.4 | 29.8 | 11.6 | 309 | 2.64 | 10.7 | 2.8 | 3.4 | 134 | 0.5 | 1.4 | 0.2 | 21 | 2.63 | 0.103 | 21 |
| 1218596 | Soil | 0.8 | 49.1 | 5.7 | 55 | 0.1 | 138.6 | 28.7 | 652 | 3.27 | 5.3 | 2.8 | 1.9 | 27 | 0.2 | 0.3 | <0.1 | 71 | 0.41 | 0.065 | 10 |
| 1218597 | Soil | 2.3 | 40.0 | 15.1 | 67 | 0.2 | 27.4 | 8.9 | 434 | 2.82 | 7.7 | 2.3 | 2.0 | 32 | 0.2 | 0.9 | 0.2 | 37 | 0.25 | 0.035 | 15 |
| 1218598 | Soil | 0.9 | 29.5 | 9.6 | 64 | 0.2 | 26.8 | 9.2 | 241 | 2.35 | 5.7 | 4.7 | 3.0 | 20 | 0.1 | 0.7 | <0.1 | 29 | 0.15 | 0.045 | 15 |
| 1218599 | Soil | 1.1 | 27.3 | 7.6 | 61 | 0.1 | 25.9 | 8.0 | 271 | 2.01 | 8.0 | 2.2 | 3.3 | 24 | 0.2 | 0.7 | <0.1 | 31 | 0.22 | 0.072 | 16 |
| 1218600 | Soil | 1.1 | 19.9 | 10.5 | 58 | 0.2 | 19.8 | 7.6 | 223 | 2.29 | 9.4 | 3.4 | 1.2 | 16 | <0.1 | 0.5 | 0.1 | 40 | 0.14 | 0.060 | 14 |
| 1218001 | Soil | 0.9 | 26.5 | 9.3 | 62 | <0.1 | 22.0 | 9.3 | 316 | 2.16 | 8.6 | 2.1 | 1.9 | 22 | <0.1 | 0.6 | 0.1 | 38 | 0.20 | 0.063 | 14 |
| 1218002 | Soil | 1.1 | 27.5 | 10.8 | 62 | 0.1 | 25.9 | 9.8 | 409 | 2.40 | 10.9 | 3.2 | 2.8 | 22 | 0.1 | 0.6 | 0.1 | 39 | 0.21 | 0.061 | 15 |
| 1218003 | Soil | 1.3 | 13.9 | 11.5 | 41 | <0.1 | 14.8 | 6.9 | 230 | 2.40 | 9.9 | 2.1 | 1.3 | 14 | 0.1 | 0.5 | 0.1 | 48 | 0.07 | 0.034 | 13 |
| 1218004 | Soil | 6.5 | 45.5 | 9.1 | 115 | 1.9 | 46.2 | 13.7 | 312 | 2.98 | 8.4 | 2.0 | 0.3 | 125 | 0.7 | 1.2 | <0.1 | 85 | 0.29 | 0.200 | 16 |

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 Report Date: September 19, 2011

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CERTIFICATE OF ANALYSIS

WHI11000809.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1218575 | Soil | 13 | 0.51 | 274 | 0.006 | 3 | 0.57 | 0.008 | 0.06 | 0.1 | 0.09 | 1.8 | <0.1 | 0.07 | 2 | 1.0 | <0.2 |
| 1218576 | Soil | 13 | 0.20 | 314 | 0.006 | <1 | 0.61 | 0.006 | 0.03 | 0.1 | 0.16 | 0.8 | 0.1 | <0.05 | 2 | 1.2 | <0.2 |
| 1218577 | Soil | 18 | 0.18 | 496 | 0.004 | <1 | 0.75 | 0.006 | 0.03 | 0.1 | 0.15 | 0.5 | 0.1 | <0.05 | 3 | 1.1 | <0.2 |
| 1218578 | Soil | 47 | 0.75 | 1809 | 0.007 | 2 | 1.84 | 0.009 | 0.05 | <0.1 | 0.26 | 4.9 | 0.1 | <0.05 | 6 | 1.6 | <0.2 |
| 1218579 | Soil | 44 | 0.89 | 1251 | 0.007 | 1 | 1.85 | 0.007 | 0.04 | <0.1 | 0.21 | 5.6 | <0.1 | <0.05 | 5 | 1.1 | <0.2 |
| 1218580 | Soil | 34 | 0.64 | 491 | 0.015 | <1 | 1.45 | 0.009 | 0.04 | <0.1 | 0.12 | 5.0 | <0.1 | <0.05 | 4 | 0.7 | <0.2 |
| 1218581 | Soil | 26 | 0.62 | 632 | 0.009 | 1 | 1.13 | 0.007 | 0.05 | 0.2 | 0.10 | 2.5 | <0.1 | <0.05 | 4 | 1.5 | <0.2 |
| 1218582 | Soil | 15 | 0.56 | 341 | 0.008 | 3 | 0.95 | 0.007 | 0.04 | 0.1 | 0.04 | 1.4 | <0.1 | <0.05 | 3 | 1.0 | <0.2 |
| 1218583 | Soil | 21 | 0.87 | 250 | 0.008 | 1 | 1.26 | 0.006 | 0.06 | <0.1 | 0.04 | 2.8 | <0.1 | <0.05 | 4 | 1.0 | <0.2 |
| 1218584 | Soil | 20 | 0.72 | 354 | 0.014 | 4 | 1.14 | 0.009 | 0.06 | 0.1 | 0.04 | 2.8 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1218585 | Soil | 20 | 0.67 | 260 | 0.018 | <1 | 1.12 | 0.008 | 0.05 | 0.1 | 0.03 | 2.9 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1218586 | Soil | 15 | 0.45 | 345 | 0.004 | 1 | 0.85 | 0.006 | 0.04 | <0.1 | 0.05 | 2.5 | <0.1 | 0.07 | 2 | 1.1 | <0.2 |
| 1218587 | Soil | 20 | 0.58 | 270 | 0.007 | 2 | 1.06 | 0.007 | 0.05 | 0.1 | 0.11 | 3.1 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 1218588 | Soil | 15 | 0.26 | 268 | 0.007 | 1 | 0.81 | 0.006 | 0.05 | 0.3 | 0.16 | 3.0 | 0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1218589 | Soil | 20 | 0.42 | 355 | 0.008 | 1 | 1.14 | 0.006 | 0.06 | 0.2 | 0.12 | 4.1 | 0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 1218590 | Soil | 14 | 0.28 | 397 | 0.008 | 2 | 0.76 | 0.009 | 0.05 | 0.2 | 0.16 | 2.2 | <0.1 | 0.06 | 2 | 0.6 | <0.2 |
| 1218591 | Soil | 18 | 0.32 | 348 | 0.008 | 2 | 0.71 | 0.009 | 0.05 | 0.4 | 0.11 | 2.2 | 0.1 | 0.08 | 2 | 0.9 | <0.2 |
| 1218592 | Soil | 20 | 0.40 | 552 | 0.011 | 2 | 0.88 | 0.008 | 0.04 | 0.3 | 0.10 | 2.0 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 1218593 | Soil | 25 | 0.44 | 566 | 0.006 | <1 | 1.34 | 0.007 | 0.04 | 0.2 | 0.11 | 3.6 | 0.1 | <0.05 | 4 | 1.0 | <0.2 |
| 1218594 | Soil | 17 | 0.28 | 484 | 0.005 | 1 | 0.98 | 0.006 | 0.06 | 0.3 | 0.18 | 3.5 | 0.2 | <0.05 | 3 | 1.4 | <0.2 |
| 1218595 | Soil | 12 | 0.45 | 194 | 0.008 | 1 | 0.64 | 0.006 | 0.09 | 0.1 | 0.29 | 4.7 | 0.2 | <0.05 | 2 | 0.9 | <0.2 |
| 1218596 | Soil | 203 | 2.62 | 1127 | 0.101 | 1 | 2.04 | 0.008 | 0.03 | <0.1 | 0.02 | 5.3 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 1218597 | Soil | 16 | 0.10 | 381 | 0.021 | <1 | 0.72 | 0.005 | 0.07 | 0.1 | 0.05 | 3.3 | 0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1218598 | Soil | 19 | 0.32 | 266 | 0.025 | <1 | 0.84 | 0.006 | 0.04 | 0.1 | 0.05 | 3.0 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 1218599 | Soil | 21 | 0.39 | 362 | 0.027 | <1 | 0.85 | 0.009 | 0.04 | 0.1 | 0.04 | 3.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218600 | Soil | 25 | 0.41 | 349 | 0.017 | <1 | 1.43 | 0.006 | 0.04 | 0.2 | 0.08 | 2.4 | 0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 1218001 | Soil | 24 | 0.43 | 404 | 0.027 | <1 | 1.17 | 0.007 | 0.04 | 0.1 | 0.04 | 3.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218002 | Soil | 24 | 0.43 | 401 | 0.022 | <1 | 1.29 | 0.007 | 0.05 | 0.1 | 0.03 | 3.2 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1218003 | Soil | 24 | 0.31 | 150 | 0.024 | <1 | 1.34 | 0.005 | 0.03 | 0.1 | 0.03 | 1.8 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1218004 | Soil | 28 | 0.25 | 2569 | 0.006 | 2 | 1.55 | 0.016 | 0.08 | <0.1 | 0.51 | 2.6 | 0.3 | 0.14 | 5 | 1.6 | <0.2 |

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Project: Arizona
Report Date: September 19, 2011

Page: 8 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000809.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1218005 | Soil | 2.2 | 27.3 | 8.2 | 96 | 0.3 | 26.6 | 8.4 | 292 | 2.43 | 10.4 | 3.7 | 3.9 | 48 | 1.2 | 1.6 | <0.1 | 44 | 0.26 | 0.117 | 17 |
| 1218006 | Soil | 1.5 | 33.7 | 7.9 | 69 | 0.4 | 26.5 | 7.3 | 196 | 2.08 | 5.9 | 4.1 | 1.8 | 49 | 0.5 | 0.9 | 0.2 | 34 | 0.64 | 0.095 | 13 |
| 1218007 | Soil | 2.2 | 26.6 | 11.1 | 89 | 0.1 | 26.4 | 9.9 | 287 | 2.69 | 11.9 | 5.0 | 2.1 | 26 | 0.3 | 1.4 | 0.2 | 49 | 0.09 | 0.048 | 12 |
| 1218008 | Soil | 1.5 | 13.2 | 11.1 | 50 | 0.3 | 14.2 | 6.2 | 190 | 3.34 | 12.9 | 2.9 | 2.9 | 9 | <0.1 | 0.6 | 0.2 | 66 | 0.06 | 0.037 | 13 |
| 1218009 | Soil | 1.1 | 13.9 | 10.4 | 74 | <0.1 | 20.2 | 8.8 | 325 | 2.58 | 9.9 | 2.0 | 2.8 | 11 | 0.2 | 0.6 | 0.2 | 48 | 0.11 | 0.043 | 14 |
| 1218010 | Soil | 1.9 | 36.5 | 11.7 | 77 | <0.1 | 37.1 | 13.3 | 326 | 3.32 | 13.4 | 3.1 | 3.9 | 13 | 0.3 | 0.8 | 0.2 | 42 | 0.09 | 0.047 | 16 |
| 1218011 | Soil | 4.5 | 57.5 | 12.7 | 149 | 0.3 | 35.6 | 9.8 | 278 | 2.31 | 10.0 | 4.6 | 2.5 | 20 | 0.5 | 1.6 | 0.2 | 43 | 0.22 | 0.063 | 24 |
| 1218012 | Soil | 3.6 | 139.5 | 14.1 | 134 | 0.2 | 35.8 | 9.6 | 289 | 3.05 | 12.4 | 9.4 | 1.0 | 24 | 0.3 | 1.4 | 0.2 | 53 | 0.18 | 0.097 | 13 |
| 1218013 | Soil | 1.1 | 26.5 | 7.3 | 57 | 0.1 | 16.0 | 5.7 | 176 | 1.78 | 6.0 | 2.2 | 0.5 | 16 | 0.1 | 0.6 | 0.1 | 35 | 0.16 | 0.073 | 17 |
| 1218014 | Soil | 0.8 | 23.2 | 8.0 | 53 | <0.1 | 17.3 | 6.5 | 203 | 1.89 | 8.2 | 5.7 | 1.0 | 18 | <0.1 | 0.6 | 0.1 | 37 | 0.20 | 0.063 | 16 |
| 1218015 | Soil | 0.8 | 23.2 | 7.0 | 53 | <0.1 | 17.8 | 7.4 | 227 | 1.82 | 7.3 | 7.4 | 2.4 | 20 | 0.2 | 0.6 | 0.1 | 37 | 0.23 | 0.064 | 17 |
| 1218016 | Soil | 1.2 | 31.2 | 11.7 | 63 | 0.1 | 24.0 | 9.8 | 342 | 2.37 | 9.9 | 6.8 | 1.1 | 18 | 0.2 | 0.7 | 0.2 | 42 | 0.28 | 0.081 | 18 |
| 1218017 | Soil | 0.8 | 21.8 | 8.2 | 62 | 0.1 | 20.3 | 8.0 | 264 | 2.05 | 8.9 | 3.5 | 1.2 | 18 | 0.2 | 0.5 | 0.2 | 39 | 0.24 | 0.069 | 17 |
| 1218018 | Soil | 0.6 | 21.7 | 11.3 | 61 | 0.1 | 23.6 | 10.1 | 275 | 2.40 | 5.5 | 2.3 | 3.2 | 36 | <0.1 | 0.4 | 0.2 | 29 | 0.78 | 0.085 | 27 |
| 1218019 | Soil | 0.5 | 20.3 | 15.9 | 82 | 0.1 | 28.4 | 14.1 | 467 | 3.07 | 3.8 | 1.7 | 6.4 | 39 | <0.1 | 0.3 | 0.1 | 20 | 0.77 | 0.095 | 33 |
| 1218020 | Soil | 0.4 | 17.7 | 11.3 | 61 | <0.1 | 22.5 | 10.7 | 399 | 2.52 | 3.5 | 0.6 | 6.8 | 248 | <0.1 | 0.2 | 0.1 | 16 | 8.58 | 0.091 | 29 |
| 1218021 | Soil | 0.3 | 17.5 | 10.4 | 66 | 0.1 | 21.9 | 9.9 | 444 | 2.21 | 2.5 | 1.2 | 5.6 | 124 | 0.2 | 0.3 | 0.1 | 17 | 3.34 | 0.091 | 25 |
| 1218022 | Soil | 0.3 | 20.7 | 11.4 | 72 | <0.1 | 23.9 | 10.6 | 459 | 2.60 | 4.2 | 1.7 | 4.0 | 75 | 0.2 | 0.3 | 0.1 | 22 | 1.78 | 0.109 | 24 |
| 1218023 | Soil | 0.8 | 28.0 | 8.4 | 56 | 0.2 | 19.3 | 7.6 | 1400 | 1.87 | 6.5 | 3.5 | 1.2 | 75 | 0.3 | 0.6 | 0.1 | 25 | 1.55 | 0.099 | 16 |
| 1218024 | Soil | 1.1 | 18.7 | 12.9 | 58 | 0.1 | 18.4 | 10.8 | 464 | 2.40 | 10.4 | 6.2 | 2.6 | 22 | <0.1 | 0.5 | 0.1 | 42 | 0.23 | 0.070 | 19 |
| 1218025 | Soil | 1.0 | 15.1 | 16.4 | 54 | <0.1 | 16.4 | 7.3 | 201 | 2.38 | 14.3 | 9.6 | 4.0 | 11 | 0.1 | 0.7 | 0.4 | 42 | 0.14 | 0.052 | 18 |
| 1218026 | Soil | 0.9 | 27.9 | 9.0 | 72 | 0.1 | 23.3 | 8.2 | 285 | 2.17 | 9.6 | 3.5 | 4.5 | 28 | 0.3 | 0.8 | 0.1 | 38 | 0.41 | 0.084 | 17 |
| 1218027 | Soil | 1.1 | 28.1 | 9.5 | 79 | 0.2 | 25.0 | 16.6 | 359 | 3.61 | 11.0 | 4.5 | 3.6 | 49 | 0.3 | 0.5 | 0.1 | 55 | 0.82 | 0.135 | 22 |
| 1218028 | Soil | 0.9 | 25.5 | 7.0 | 54 | 0.3 | 22.2 | 9.8 | 1337 | 2.00 | 5.4 | 9.4 | 0.9 | 85 | 0.3 | 0.7 | 0.1 | 36 | 1.32 | 0.123 | 24 |
| 1218029 | Soil | 1.0 | 25.0 | 9.1 | 64 | 0.1 | 23.6 | 8.0 | 259 | 2.26 | 8.8 | 35.5 | 2.8 | 25 | <0.1 | 0.6 | 0.2 | 45 | 0.37 | 0.074 | 19 |
| 1218030 | Soil | 0.9 | 27.1 | 9.6 | 68 | 0.1 | 23.1 | 9.6 | 389 | 2.32 | 9.9 | 6.1 | 2.9 | 23 | 0.2 | 0.8 | 0.2 | 44 | 0.37 | 0.076 | 18 |
| 1218031 | Soil | 1.1 | 26.8 | 10.2 | 66 | 0.2 | 24.3 | 9.2 | 304 | 2.36 | 8.7 | 15.9 | 3.2 | 31 | <0.1 | 0.7 | 0.2 | 43 | 0.57 | 0.077 | 18 |
| 1218301 | Soil | 0.7 | 11.6 | 9.8 | 17 | <0.1 | 5.2 | 2.1 | 53 | 1.43 | 5.3 | 1.1 | <0.1 | 8 | 0.1 | 0.3 | 0.2 | 46 | 0.05 | 0.037 | 12 |
| 1218302 | Soil | 0.8 | 29.7 | 11.3 | 63 | 0.1 | 25.5 | 9.8 | 429 | 2.46 | 10.7 | 2.9 | 3.0 | 27 | 0.1 | 0.7 | 0.2 | 47 | 0.52 | 0.072 | 18 |
| 1218303 | Soil | 0.8 | 29.9 | 12.1 | 62 | <0.1 | 25.7 | 13.4 | 542 | 2.82 | 5.7 | 2.0 | 7.1 | 108 | <0.1 | 0.4 | 0.1 | 20 | 4.41 | 0.099 | 21 |

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Project: Arizona
 Report Date: September 19, 2011

Page: 8 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000809.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1218005 | Soil | 22 | 0.32 | 473 | 0.032 | <1 | 0.76 | 0.008 | 0.07 | 0.2 | 0.05 | 2.4 | 0.1 | <0.05 | 2 | 0.9 | <0.2 |
| 1218006 | Soil | 19 | 0.36 | 982 | 0.008 | <1 | 0.93 | 0.009 | 0.05 | 0.1 | 0.16 | 2.5 | <0.1 | 0.08 | 3 | 0.9 | <0.2 |
| 1218007 | Soil | 24 | 0.31 | 198 | 0.014 | <1 | 1.27 | 0.006 | 0.05 | <0.1 | 0.14 | 2.3 | 0.2 | <0.05 | 3 | 1.0 | <0.2 |
| 1218008 | Soil | 29 | 0.32 | 133 | 0.034 | <1 | 1.71 | 0.006 | 0.04 | 0.2 | 0.04 | 2.2 | 0.1 | <0.05 | 6 | 0.6 | <0.2 |
| 1218009 | Soil | 27 | 0.38 | 360 | 0.041 | <1 | 1.90 | 0.007 | 0.04 | 0.1 | 0.03 | 2.1 | <0.1 | <0.05 | 5 | 0.7 | <0.2 |
| 1218010 | Soil | 30 | 0.35 | 191 | 0.023 | <1 | 1.90 | 0.006 | 0.06 | 0.1 | 0.18 | 3.1 | 0.2 | <0.05 | 4 | 0.8 | <0.2 |
| 1218011 | Soil | 20 | 0.26 | 296 | 0.018 | <1 | 0.84 | 0.005 | 0.07 | 0.1 | 0.08 | 2.1 | 0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 1218012 | Soil | 27 | 0.29 | 113 | 0.029 | 1 | 1.21 | 0.005 | 0.06 | 0.1 | 0.05 | 1.9 | 0.1 | <0.05 | 4 | 2.0 | <0.2 |
| 1218013 | Soil | 22 | 0.34 | 158 | 0.024 | <1 | 1.11 | 0.006 | 0.04 | 0.1 | 0.05 | 1.2 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1218014 | Soil | 21 | 0.36 | 269 | 0.030 | <1 | 1.03 | 0.006 | 0.03 | 0.1 | 0.03 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218015 | Soil | 20 | 0.35 | 266 | 0.038 | <1 | 0.96 | 0.007 | 0.03 | 0.1 | 0.03 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218016 | Soil | 26 | 0.38 | 284 | 0.026 | <1 | 1.23 | 0.007 | 0.05 | 0.1 | 0.03 | 2.2 | <0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 1218017 | Soil | 23 | 0.41 | 444 | 0.025 | <1 | 1.24 | 0.007 | 0.04 | 0.2 | 0.04 | 2.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218018 | Soil | 25 | 0.61 | 292 | 0.017 | <1 | 1.38 | 0.007 | 0.05 | 0.1 | 0.04 | 2.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218019 | Soil | 27 | 0.85 | 258 | 0.008 | <1 | 1.70 | 0.007 | 0.05 | <0.1 | 0.05 | 5.0 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1218020 | Soil | 23 | 0.91 | 145 | 0.008 | <1 | 1.34 | 0.005 | 0.05 | <0.1 | 0.02 | 3.7 | <0.1 | 0.05 | 4 | <0.5 | <0.2 |
| 1218021 | Soil | 23 | 0.77 | 219 | 0.010 | <1 | 1.26 | 0.007 | 0.06 | <0.1 | 0.04 | 3.1 | <0.1 | 0.06 | 3 | <0.5 | <0.2 |
| 1218022 | Soil | 25 | 0.84 | 219 | 0.011 | <1 | 1.40 | 0.008 | 0.06 | 0.1 | 0.04 | 3.7 | <0.1 | 0.10 | 4 | 0.7 | <0.2 |
| 1218023 | Soil | 18 | 0.53 | 396 | 0.015 | 1 | 1.05 | 0.011 | 0.03 | 0.2 | 0.07 | 2.1 | <0.1 | 0.10 | 3 | 0.8 | <0.2 |
| 1218024 | Soil | 26 | 0.39 | 306 | 0.019 | <1 | 1.45 | 0.006 | 0.04 | 0.2 | 0.06 | 2.3 | 0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 1218025 | Soil | 23 | 0.33 | 138 | 0.016 | <1 | 1.50 | 0.006 | 0.04 | 0.2 | 0.07 | 2.4 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218026 | Soil | 23 | 0.44 | 321 | 0.045 | <1 | 1.04 | 0.013 | 0.06 | 0.2 | 0.03 | 3.0 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1218027 | Soil | 27 | 0.68 | 459 | 0.011 | 1 | 1.77 | 0.007 | 0.09 | 0.2 | 0.09 | 4.3 | 0.1 | <0.05 | 5 | 1.0 | <0.2 |
| 1218028 | Soil | 21 | 0.41 | 522 | 0.014 | <1 | 1.49 | 0.012 | 0.04 | 0.2 | 0.10 | 2.5 | <0.1 | 0.09 | 4 | 1.1 | <0.2 |
| 1218029 | Soil | 28 | 0.42 | 378 | 0.029 | <1 | 1.33 | 0.008 | 0.04 | 0.2 | 0.03 | 3.0 | <0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 1218030 | Soil | 25 | 0.38 | 352 | 0.029 | <1 | 1.33 | 0.008 | 0.05 | 0.3 | 0.06 | 3.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218031 | Soil | 28 | 0.39 | 444 | 0.024 | <1 | 1.41 | 0.009 | 0.05 | 0.2 | 0.09 | 3.7 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1218301 | Soil | 18 | 0.15 | 133 | 0.021 | <1 | 1.21 | 0.006 | 0.02 | <0.1 | 0.04 | 0.5 | 0.1 | <0.05 | 5 | 0.6 | <0.2 |
| 1218302 | Soil | 27 | 0.47 | 436 | 0.027 | <1 | 1.37 | 0.011 | 0.04 | 0.2 | 0.05 | 3.3 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1218303 | Soil | 19 | 0.44 | 191 | 0.009 | <1 | 0.83 | 0.008 | 0.07 | <0.1 | 0.04 | 4.4 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |

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Project: Arizona
 Report Date: September 19, 2011

Page: 9 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000809.1

| Method Analyte | Unit | MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|----------------|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| | | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1218304 | Soil | | 0.7 | 13.9 | 11.6 | 49 | <0.1 | 19.0 | 10.7 | 437 | 2.46 | 3.4 | 0.7 | 7.7 | 237 | <0.1 | 0.2 | <0.1 | 16 | 9.25 | 0.100 | 23 |
| 1218305 | Soil | | 0.5 | 20.3 | 15.2 | 70 | <0.1 | 26.0 | 12.7 | 292 | 3.05 | 12.6 | 1.8 | 8.3 | 107 | <0.1 | 1.8 | 0.2 | 16 | 3.44 | 0.093 | 18 |
| 1218306 | Soil | | 0.8 | 30.9 | 12.1 | 64 | 0.1 | 26.2 | 10.5 | 433 | 2.48 | 10.8 | 2.6 | 5.5 | 34 | 0.3 | 0.7 | 0.2 | 34 | 0.55 | 0.078 | 20 |
| 1218307 | Soil | | 0.4 | 18.9 | 11.2 | 59 | <0.1 | 23.4 | 10.0 | 368 | 2.44 | 4.2 | 1.7 | 7.0 | 288 | 0.1 | 0.3 | 0.1 | 19 | 8.88 | 0.086 | 25 |
| 1218308 | Soil | | 1.9 | 65.5 | 16.2 | 82 | 0.3 | 34.7 | 14.2 | 637 | 3.40 | 12.0 | 8.1 | 6.2 | 26 | 0.2 | 1.2 | 0.2 | 40 | 0.47 | 0.061 | 26 |
| 1218309 | Soil | | 1.0 | 21.7 | 21.9 | 87 | <0.1 | 23.9 | 13.9 | 952 | 3.09 | 8.5 | 2.1 | 20.0 | 23 | 0.2 | 1.2 | <0.1 | 51 | 0.28 | 0.111 | 35 |
| 1218310 | Soil | | 1.1 | 29.1 | 13.3 | 67 | 0.1 | 25.7 | 10.1 | 364 | 2.73 | 13.9 | 3.6 | 6.2 | 26 | 0.1 | 0.9 | 0.2 | 50 | 0.26 | 0.056 | 23 |
| 1218311 | Soil | | 0.6 | 18.1 | 11.2 | 52 | 0.4 | 23.2 | 10.0 | 406 | 2.79 | 11.8 | 2.5 | 4.7 | 17 | <0.1 | 0.1 | <0.1 | 50 | 0.19 | 0.045 | 22 |
| 1218312 | Soil | | 0.9 | 9.7 | 12.3 | 60 | <0.1 | 18.6 | 10.2 | 312 | 3.03 | 13.3 | 3.5 | 4.9 | 9 | <0.1 | 0.3 | 0.3 | 53 | 0.08 | 0.032 | 12 |
| 1218731 | Soil | | 1.0 | 9.6 | 10.1 | 39 | <0.1 | 10.0 | 4.4 | 142 | 1.88 | 8.9 | 2.0 | 0.7 | 8 | <0.1 | <0.1 | 0.3 | 39 | 0.07 | 0.039 | 12 |
| 1218732 | Soil | | 10.6 | 62.3 | 20.0 | 299 | 3.1 | 71.1 | 17.8 | 246 | 5.57 | 20.2 | 3.0 | 4.0 | 262 | 1.0 | 6.6 | 0.2 | 45 | 0.26 | 0.131 | 23 |
| 1218733 | Soil | | 2.2 | 36.9 | 8.7 | 97 | 0.4 | 44.8 | 15.2 | 468 | 3.25 | 10.2 | 2.3 | 3.6 | 54 | 0.5 | 1.1 | 0.2 | 56 | 0.36 | 0.112 | 16 |
| 1218734 | Soil | | 8.6 | 51.6 | 14.7 | 237 | 0.8 | 61.9 | 21.4 | 417 | 4.52 | 15.8 | 1.2 | 3.3 | 196 | 0.6 | 3.1 | 0.1 | 84 | 0.07 | 0.127 | 24 |
| 1218735 | Soil | | 0.9 | 12.9 | 10.5 | 47 | <0.1 | 17.8 | 10.3 | 297 | 2.59 | 10.4 | 1.6 | 4.6 | 15 | <0.1 | 0.3 | 0.2 | 49 | 0.17 | 0.074 | 14 |
| 1218736 | Soil | | 1.7 | 21.2 | 13.2 | 68 | 0.2 | 25.0 | 10.2 | 339 | 2.97 | 12.6 | 1.8 | 5.4 | 11 | <0.1 | 0.5 | 0.1 | 51 | 0.07 | 0.037 | 14 |
| 1218737 | Soil | | 6.4 | 82.2 | 26.3 | 247 | 0.4 | 82.7 | 21.2 | 634 | 4.89 | 23.8 | 5.6 | 6.6 | 267 | 0.4 | 2.9 | 0.3 | 41 | 0.58 | 0.379 | 24 |
| 1218738 | Soil | | 2.5 | 21.5 | 14.9 | 63 | 0.1 | 22.8 | 6.1 | 152 | 3.47 | 13.6 | 2.2 | 0.3 | 53 | <0.1 | 0.7 | 0.2 | 62 | 0.12 | 0.115 | 15 |
| 1218739 | Soil | | 1.2 | 12.5 | 7.2 | 54 | <0.1 | 19.5 | 10.0 | 239 | 2.32 | 8.8 | 7.7 | 4.3 | 17 | <0.1 | 0.5 | <0.1 | 41 | 0.14 | 0.075 | 14 |
| 1218740 | Soil | | 1.2 | 10.9 | 9.0 | 43 | 0.1 | 13.9 | 6.2 | 189 | 2.95 | 10.7 | 1.3 | 3.9 | 9 | <0.1 | 0.5 | 0.1 | 61 | 0.05 | 0.032 | 12 |
| 1218741 | Soil | | 3.1 | 27.4 | 7.6 | 100 | 0.4 | 27.7 | 10.8 | 258 | 2.93 | 7.1 | 1.1 | 1.2 | 72 | 0.8 | 1.0 | <0.1 | 50 | 0.15 | 0.087 | 21 |
| 1218742 | Soil | | 1.8 | 10.8 | 12.2 | 42 | 0.1 | 13.4 | 5.3 | 115 | 2.41 | 10.3 | 1.0 | 3.3 | 18 | <0.1 | 0.4 | 0.2 | 60 | 0.11 | 0.088 | 15 |
| 1218743 | Soil | | 2.3 | 26.8 | 13.9 | 75 | 0.2 | 31.4 | 10.2 | 319 | 2.92 | 10.8 | 3.9 | 2.4 | 25 | <0.1 | 0.6 | 0.2 | 58 | 0.17 | 0.066 | 19 |
| 1218744 | Soil | | 1.3 | 31.7 | 9.6 | 92 | 0.3 | 32.5 | 9.1 | 319 | 2.39 | 4.3 | 3.0 | 4.5 | 32 | <0.1 | 0.6 | 0.2 | 28 | 0.24 | 0.043 | 23 |
| 1218745 | Soil | | 44.1 | 86.9 | 19.0 | 240 | 1.8 | 59.7 | 10.1 | 80 | 8.91 | 55.9 | 2.9 | 2.8 | 204 | 1.0 | 7.0 | <0.1 | 258 | 0.07 | 0.152 | 23 |
| 1218746 | Soil | | 0.4 | 5.3 | 9.1 | 31 | 0.6 | 9.6 | 3.8 | 96 | 2.27 | 8.6 | 3.1 | 2.9 | 7 | <0.1 | 0.3 | 0.1 | 35 | 0.09 | 0.034 | 11 |
| 1218747 | Soil | | 1.2 | 15.1 | 11.6 | 51 | <0.1 | 19.0 | 10.0 | 339 | 2.80 | 12.7 | 2.4 | 4.8 | 10 | 0.1 | 0.7 | 0.1 | 44 | 0.08 | 0.034 | 13 |
| 1218748 | Soil | | 1.8 | 37.0 | 11.4 | 93 | 0.4 | 35.3 | 9.1 | 330 | 2.49 | 10.5 | 3.5 | 4.3 | 33 | 0.3 | 0.9 | 0.1 | 32 | 0.49 | 0.079 | 22 |
| 1218749 | Soil | | 4.0 | 169.0 | 33.4 | 156 | 0.3 | 42.8 | 10.3 | 307 | 2.76 | 13.9 | 10.3 | 1.4 | 34 | 0.5 | 1.9 | 0.2 | 61 | 0.27 | 0.177 | 15 |
| 1218750 | Soil | | 5.3 | 94.8 | 21.4 | 163 | 0.3 | 32.9 | 15.4 | 527 | 4.30 | 12.7 | 8.9 | 0.7 | 21 | 0.4 | 1.4 | 0.3 | 63 | 0.07 | 0.136 | 18 |
| 1218792 | Soil | | 1.8 | 29.7 | 9.1 | 104 | 0.4 | 33.2 | 8.5 | 878 | 2.14 | 6.5 | 6.5 | 3.2 | 36 | 0.3 | 0.8 | 0.2 | 40 | 0.62 | 0.065 | 17 |

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Project: Arizona
 Report Date: September 19, 2011

Page: 9 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000809.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1218304 | Soil | 18 | 0.53 | 173 | 0.004 | <1 | 0.99 | 0.006 | 0.06 | <0.1 | 0.01 | 3.6 | <0.1 | <0.05 | 2 | 0.8 | <0.2 |
| 1218305 | Soil | 16 | 0.22 | 249 | 0.003 | <1 | 0.60 | 0.004 | 0.08 | <0.1 | 0.04 | 4.7 | 0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218306 | Soil | 21 | 0.52 | 255 | 0.026 | <1 | 1.11 | 0.009 | 0.06 | 0.2 | 0.05 | 3.6 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1218307 | Soil | 23 | 0.93 | 143 | 0.015 | <1 | 1.35 | 0.007 | 0.06 | <0.1 | 0.03 | 3.4 | <0.1 | 0.05 | 4 | 0.5 | <0.2 |
| 1218308 | Soil | 27 | 0.59 | 306 | 0.026 | <1 | 1.48 | 0.008 | 0.07 | 0.1 | 0.15 | 5.7 | 0.2 | <0.05 | 4 | 0.8 | <0.2 |
| 1218309 | Soil | 45 | 0.63 | 348 | 0.055 | <1 | 2.50 | 0.013 | 0.15 | 0.6 | 0.12 | 6.4 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| 1218310 | Soil | 30 | 0.51 | 385 | 0.052 | <1 | 1.64 | 0.008 | 0.06 | 0.2 | 0.07 | 4.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218311 | Soil | 30 | 0.47 | 345 | 0.024 | <1 | 1.74 | 0.006 | 0.04 | 0.2 | 0.07 | 4.6 | <0.1 | 0.09 | 4 | <0.5 | <0.2 |
| 1218312 | Soil | 29 | 0.33 | 175 | 0.035 | <1 | 1.66 | 0.005 | 0.03 | 0.2 | 0.03 | 2.7 | 0.1 | <0.05 | 5 | 0.5 | <0.2 |
| 1218731 | Soil | 21 | 0.24 | 104 | 0.016 | <1 | 1.06 | 0.004 | 0.03 | 0.2 | 0.04 | 1.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218732 | Soil | 17 | 0.05 | 253 | <0.001 | 2 | 0.56 | 0.033 | 0.19 | <0.1 | 0.48 | 4.7 | 0.8 | 0.59 | 1 | 3.1 | <0.2 |
| 1218733 | Soil | 37 | 0.48 | 547 | 0.020 | 2 | 1.31 | 0.014 | 0.05 | 0.1 | 0.08 | 4.5 | 0.1 | 0.08 | 4 | 0.9 | <0.2 |
| 1218734 | Soil | 31 | 0.30 | 406 | 0.004 | 2 | 1.43 | 0.013 | 0.10 | <0.1 | 0.04 | 3.3 | 0.3 | 0.21 | 4 | 1.6 | <0.2 |
| 1218735 | Soil | 29 | 0.45 | 301 | 0.032 | 1 | 1.74 | 0.006 | 0.04 | 0.2 | 0.06 | 2.9 | <0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 1218736 | Soil | 31 | 0.40 | 257 | 0.029 | 1 | 1.72 | 0.005 | 0.04 | 0.2 | 0.04 | 3.2 | 0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1218737 | Soil | 20 | 0.19 | 1961 | 0.013 | 2 | 1.01 | 0.004 | 0.10 | <0.1 | 0.08 | 4.6 | 0.2 | 0.06 | 2 | 3.5 | 0.3 |
| 1218738 | Soil | 28 | 0.25 | 374 | 0.013 | <1 | 1.52 | 0.005 | 0.04 | 0.1 | 0.05 | 1.1 | 0.1 | 0.07 | 5 | 0.8 | <0.2 |
| 1218739 | Soil | 24 | 0.39 | 195 | 0.031 | 1 | 1.54 | 0.006 | 0.05 | 0.1 | 0.05 | 2.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218740 | Soil | 29 | 0.36 | 179 | 0.029 | 1 | 1.89 | 0.004 | 0.04 | 0.2 | 0.06 | 2.3 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1218741 | Soil | 22 | 0.27 | 644 | 0.013 | 2 | 0.99 | 0.010 | 0.08 | <0.1 | 0.09 | 2.5 | 0.2 | 0.23 | 3 | <0.5 | <0.2 |
| 1218742 | Soil | 29 | 0.28 | 252 | 0.029 | <1 | 1.75 | 0.005 | 0.03 | 0.2 | 0.05 | 2.5 | 0.2 | <0.05 | 5 | 0.5 | <0.2 |
| 1218743 | Soil | 33 | 0.44 | 449 | 0.020 | 2 | 1.78 | 0.006 | 0.08 | 0.1 | 0.14 | 3.0 | 0.2 | <0.05 | 5 | 0.6 | <0.2 |
| 1218744 | Soil | 19 | 0.38 | 470 | 0.008 | 2 | 0.92 | 0.003 | 0.10 | <0.1 | 0.08 | 4.2 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218745 | Soil | 45 | 0.23 | 572 | 0.003 | 3 | 1.27 | 0.064 | 0.08 | <0.1 | 0.39 | 3.0 | 0.7 | 0.33 | 5 | 9.4 | 0.2 |
| 1218746 | Soil | 23 | 0.32 | 91 | 0.021 | 1 | 1.62 | 0.004 | 0.03 | 0.1 | 0.06 | 1.7 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1218747 | Soil | 28 | 0.39 | 249 | 0.029 | 1 | 1.86 | 0.005 | 0.04 | 0.2 | 0.08 | 2.5 | 0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1218748 | Soil | 21 | 0.30 | 391 | 0.022 | 2 | 1.01 | 0.008 | 0.08 | 0.1 | 0.30 | 3.5 | 0.2 | <0.05 | 3 | 0.5 | <0.2 |
| 1218749 | Soil | 29 | 0.35 | 224 | 0.013 | 2 | 1.52 | 0.005 | 0.08 | 0.1 | 0.13 | 2.0 | 0.2 | <0.05 | 4 | 2.7 | <0.2 |
| 1218750 | Soil | 29 | 0.47 | 930 | 0.010 | 2 | 1.66 | 0.004 | 0.13 | 0.1 | 0.07 | 1.3 | 0.3 | 0.08 | 6 | 1.3 | <0.2 |
| 1218792 | Soil | 27 | 0.53 | 590 | 0.020 | 3 | 1.10 | 0.007 | 0.07 | 0.2 | 0.09 | 3.6 | 0.1 | <0.05 | 4 | 1.2 | <0.2 |

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Project: Arizona
 Report Date: September 19, 2011

Page: 10 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000809.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | MDL | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | % | ppm |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1218793 | Soil | 1.9 | 27.8 | 7.6 | 51 | 0.6 | 20.1 | 6.2 | 243 | 1.61 | 4.0 | 3.9 | 1.5 | 64 | 0.5 | 0.6 | 0.2 | 35 | 0.83 | 0.047 | 12 |
| 1218794 | Soil | 3.9 | 36.0 | 8.5 | 101 | 0.6 | 37.2 | 8.4 | 221 | 1.97 | 5.8 | 1.8 | 2.5 | 78 | 0.5 | 1.3 | 0.2 | 34 | 1.21 | 0.061 | 16 |
| 1218795 | Soil | 9.3 | 73.5 | 9.5 | 314 | 1.4 | 72.7 | 12.1 | 269 | 2.54 | 12.2 | 9.0 | 3.7 | 93 | 4.0 | 4.4 | 0.2 | 132 | 0.90 | 0.162 | 23 |
| 1218796 | Soil | 3.8 | 58.3 | 6.8 | 110 | 0.6 | 58.2 | 16.6 | 528 | 3.44 | 6.9 | 2.4 | 1.9 | 139 | 0.8 | 1.6 | 0.2 | 75 | 1.05 | 0.117 | 20 |
| 1218797 | Soil | 2.1 | 41.0 | 6.5 | 76 | 0.9 | 36.0 | 5.5 | 298 | 1.40 | 3.7 | 2.6 | 1.6 | 91 | 0.7 | 1.5 | 0.2 | 29 | 1.41 | 0.079 | 12 |
| 1218798 | Soil | 1.3 | 42.7 | 8.1 | 46 | 1.0 | 32.5 | 8.0 | 433 | 1.82 | 3.4 | 3.6 | 1.6 | 100 | 0.5 | 0.9 | 0.2 | 31 | 1.51 | 0.092 | 17 |
| 1218799 | Soil | 2.3 | 13.7 | 9.2 | 43 | 0.2 | 12.0 | 4.8 | 165 | 2.31 | 5.6 | 1.5 | 1.7 | 10 | 0.4 | 0.6 | 0.3 | 50 | 0.07 | 0.029 | 14 |
| 1218800 | Soil | 37.3 | 116.2 | 13.2 | 1030 | 1.9 | 144.6 | 7.9 | 243 | 2.20 | 41.4 | 7.4 | 2.8 | 31 | 8.1 | 18.5 | 0.3 | 698 | 0.41 | 0.109 | 27 |
| 1218801 | Soil | 2.6 | 28.3 | 13.1 | 54 | 0.2 | 22.6 | 10.5 | 393 | 3.78 | 8.5 | 1.0 | 3.7 | 10 | 0.4 | 1.0 | 0.4 | 43 | 0.09 | 0.029 | 14 |
| 1218802 | Soil | 2.6 | 15.3 | 10.7 | 102 | 0.1 | 22.0 | 6.4 | 192 | 2.03 | 8.7 | 1.7 | 2.3 | 14 | 0.5 | 1.3 | 0.2 | 44 | 0.13 | 0.034 | 14 |
| 1218803 | Soil | 1.4 | 8.7 | 11.6 | 56 | <0.1 | 17.0 | 7.2 | 157 | 2.71 | 9.8 | 4.7 | 4.8 | 10 | 0.4 | 0.7 | 0.3 | 51 | 0.10 | 0.021 | 14 |
| 1218804 | Soil | 1.6 | 16.5 | 10.7 | 95 | 0.1 | 21.5 | 7.5 | 253 | 2.85 | 8.6 | 3.2 | 2.6 | 14 | 0.4 | 1.2 | 0.4 | 47 | 0.09 | 0.038 | 14 |
| 1218805 | Soil | 2.3 | 26.2 | 10.1 | 107 | 0.6 | 30.2 | 8.7 | 242 | 2.56 | 6.8 | 5.8 | 3.1 | 47 | 0.7 | 1.3 | 0.3 | 39 | 0.45 | 0.069 | 16 |
| 1218806 | Soil | 2.2 | 32.2 | 8.2 | 92 | 0.6 | 27.6 | 7.3 | 312 | 2.12 | 5.4 | 5.1 | 1.3 | 65 | 0.4 | 1.3 | 0.1 | 28 | 1.15 | 0.069 | 12 |
| 1218807 | Soil | 2.3 | 59.5 | 10.1 | 116 | 0.8 | 25.7 | 7.0 | 328 | 1.95 | 6.6 | 10.3 | 0.2 | 32 | 0.5 | 0.9 | 0.1 | 43 | 0.56 | 0.109 | 14 |
| 1218808 | Soil | 2.8 | 41.0 | 10.8 | 93 | 0.9 | 18.3 | 6.9 | 452 | 2.43 | 11.3 | 4.8 | 1.1 | 9 | 0.5 | 0.9 | 0.2 | 62 | 0.08 | 0.057 | 12 |
| 1218809 | Soil | 1.8 | 31.3 | 11.6 | 81 | <0.1 | 21.9 | 10.3 | 364 | 2.54 | 11.2 | 5.7 | 1.7 | 20 | 0.3 | 0.9 | 0.2 | 43 | 0.21 | 0.083 | 13 |
| 1218810 | Soil | 1.3 | 21.9 | 14.0 | 71 | <0.1 | 23.6 | 10.8 | 300 | 3.05 | 10.4 | 2.0 | 4.3 | 12 | 0.2 | 0.8 | 0.2 | 53 | 0.14 | 0.038 | 13 |
| 1218811 | Soil | 1.0 | 13.7 | 10.8 | 42 | <0.1 | 17.0 | 8.2 | 197 | 2.33 | 9.9 | 3.0 | 4.2 | 9 | 0.1 | 0.6 | 0.2 | 48 | 0.09 | 0.024 | 13 |
| 1218812 | Soil | 0.7 | 14.7 | 10.8 | 43 | <0.1 | 15.5 | 6.4 | 162 | 2.41 | 9.9 | 4.7 | 1.8 | 11 | <0.1 | 0.4 | 0.2 | 45 | 0.15 | 0.033 | 13 |
| 1218813 | Soil | 0.5 | 16.3 | 13.8 | 60 | <0.1 | 22.0 | 12.6 | 580 | 2.70 | 3.9 | 1.7 | 5.1 | 92 | <0.1 | 0.2 | 0.1 | 18 | 3.98 | 0.099 | 27 |
| 1218814 | Soil | 0.4 | 18.7 | 10.8 | 64 | 0.1 | 21.3 | 9.2 | 312 | 2.53 | 4.5 | 2.4 | 4.1 | 68 | 0.2 | 0.4 | 0.1 | 19 | 2.39 | 0.113 | 21 |
| 1218815 | Soil | 0.5 | 17.8 | 10.9 | 84 | 0.1 | 20.3 | 10.0 | 300 | 2.25 | 5.0 | 2.9 | 2.9 | 35 | 0.4 | 0.5 | 0.1 | 26 | 0.86 | 0.087 | 18 |
| 1218816 | Soil | 1.2 | 30.3 | 15.3 | 73 | 0.2 | 29.4 | 11.9 | 412 | 3.07 | 12.4 | 3.8 | 4.7 | 19 | 0.2 | 0.8 | 0.2 | 53 | 0.29 | 0.045 | 19 |
| 1218817 | Soil | 1.0 | 15.1 | 11.0 | 38 | <0.1 | 13.5 | 5.5 | 140 | 2.61 | 11.0 | 2.8 | 3.0 | 8 | <0.1 | 0.6 | 0.2 | 51 | 0.08 | 0.031 | 14 |
| 1218818 | Soil | 0.8 | 11.5 | 10.9 | 37 | <0.1 | 13.5 | 5.6 | 136 | 2.19 | 9.2 | 2.5 | 1.4 | 9 | 0.1 | 0.5 | 0.2 | 47 | 0.09 | 0.031 | 13 |
| 1218819 | Soil | 1.0 | 14.8 | 11.6 | 45 | <0.1 | 15.7 | 8.3 | 211 | 2.52 | 11.6 | 2.1 | 4.0 | 10 | 0.1 | 0.6 | 0.2 | 48 | 0.12 | 0.050 | 15 |
| 1218820 | Soil | 1.7 | 20.3 | 14.6 | 51 | <0.1 | 23.8 | 11.5 | 399 | 3.02 | 43.2 | 3.5 | 0.4 | 8 | 0.1 | 1.6 | 0.2 | 32 | 0.09 | 0.066 | 15 |
| 1218821 | Soil | 0.8 | 11.8 | 9.6 | 36 | <0.1 | 12.1 | 4.9 | 124 | 2.00 | 8.4 | 3.4 | 0.8 | 9 | <0.1 | 0.4 | 0.2 | 38 | 0.10 | 0.046 | 14 |
| 1218822 | Soil | 1.0 | 19.0 | 10.2 | 58 | <0.1 | 17.2 | 8.3 | 264 | 2.32 | 11.1 | 3.1 | 3.9 | 13 | <0.1 | 0.6 | 0.2 | 42 | 0.15 | 0.062 | 17 |

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Project: Arizona
 Report Date: September 19, 2011

Page: 10 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000809.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1218793 | Soil | 18 | 0.33 | 707 | 0.009 | 2 | 0.92 | 0.011 | 0.07 | <0.1 | 0.14 | 2.4 | 0.1 | 0.05 | 3 | 0.9 | <0.2 |
| 1218794 | Soil | 19 | 0.48 | 611 | 0.007 | 3 | 0.87 | 0.005 | 0.06 | <0.1 | 0.14 | 3.0 | 0.1 | 0.06 | 2 | 1.5 | <0.2 |
| 1218795 | Soil | 35 | 0.45 | 970 | 0.009 | 4 | 1.15 | 0.006 | 0.10 | <0.1 | 0.36 | 5.2 | 0.2 | <0.05 | 3 | 2.7 | <0.2 |
| 1218796 | Soil | 34 | 0.45 | 1615 | 0.006 | 4 | 1.44 | 0.011 | 0.07 | <0.1 | 0.27 | 5.7 | 0.2 | 0.13 | 4 | 1.5 | <0.2 |
| 1218797 | Soil | 17 | 0.39 | 1055 | 0.008 | 4 | 0.83 | 0.007 | 0.05 | <0.1 | 0.20 | 2.7 | 0.1 | 0.09 | 2 | 1.5 | <0.2 |
| 1218798 | Soil | 20 | 0.51 | 1103 | 0.008 | 3 | 1.07 | 0.009 | 0.06 | <0.1 | 0.30 | 4.7 | 0.1 | 0.10 | 3 | 1.1 | <0.2 |
| 1218799 | Soil | 19 | 0.24 | 167 | 0.017 | 1 | 1.05 | 0.005 | 0.06 | 0.1 | 0.02 | 1.4 | <0.1 | <0.05 | 5 | 0.6 | <0.2 |
| 1218800 | Soil | 55 | 0.43 | 380 | 0.021 | 3 | 1.28 | 0.005 | 0.12 | 0.2 | 0.45 | 4.0 | 1.0 | <0.05 | 5 | 7.0 | <0.2 |
| 1218801 | Soil | 21 | 0.29 | 204 | 0.023 | 1 | 1.16 | 0.005 | 0.09 | 0.2 | 0.03 | 2.7 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1218802 | Soil | 21 | 0.33 | 168 | 0.026 | 1 | 1.10 | 0.005 | 0.04 | 0.2 | 0.03 | 2.2 | 0.2 | <0.05 | 4 | 1.0 | <0.2 |
| 1218803 | Soil | 26 | 0.34 | 207 | 0.028 | <1 | 1.83 | 0.005 | 0.04 | 0.1 | 0.04 | 2.7 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1218804 | Soil | 23 | 0.28 | 168 | 0.027 | 2 | 1.18 | 0.005 | 0.05 | 0.2 | 0.03 | 2.0 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1218805 | Soil | 22 | 0.42 | 367 | 0.022 | 2 | 0.99 | 0.007 | 0.06 | 0.2 | 0.11 | 3.6 | 0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1218806 | Soil | 18 | 0.43 | 652 | 0.009 | 3 | 0.80 | 0.008 | 0.06 | 0.1 | 0.13 | 3.1 | 0.1 | 0.12 | 2 | 1.4 | <0.2 |
| 1218807 | Soil | 20 | 0.29 | 639 | 0.004 | 2 | 1.42 | 0.008 | 0.06 | 0.1 | 0.18 | 0.9 | 0.2 | 0.07 | 4 | 1.6 | <0.2 |
| 1218808 | Soil | 24 | 0.29 | 154 | 0.021 | <1 | 1.28 | 0.005 | 0.05 | 0.2 | 0.03 | 1.8 | 0.1 | <0.05 | 5 | 1.1 | <0.2 |
| 1218809 | Soil | 22 | 0.38 | 496 | 0.016 | 1 | 1.28 | 0.005 | 0.07 | 0.2 | 0.04 | 2.3 | 0.2 | <0.05 | 4 | 0.5 | <0.2 |
| 1218810 | Soil | 26 | 0.49 | 307 | 0.019 | <1 | 1.76 | 0.006 | 0.05 | 0.1 | 0.02 | 2.8 | 0.1 | <0.05 | 5 | 0.8 | <0.2 |
| 1218811 | Soil | 25 | 0.31 | 218 | 0.025 | <1 | 1.64 | 0.006 | 0.04 | 0.2 | 0.02 | 2.5 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1218812 | Soil | 23 | 0.34 | 167 | 0.020 | 1 | 1.39 | 0.005 | 0.04 | 0.2 | 0.04 | 1.9 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1218813 | Soil | 21 | 0.44 | 612 | 0.003 | 1 | 1.10 | 0.006 | 0.06 | <0.1 | 0.03 | 4.1 | <0.1 | 0.07 | 3 | <0.5 | <0.2 |
| 1218814 | Soil | 19 | 0.51 | 316 | 0.004 | <1 | 1.12 | 0.007 | 0.07 | <0.1 | 0.05 | 3.6 | <0.1 | 0.06 | 3 | <0.5 | <0.2 |
| 1218815 | Soil | 19 | 0.46 | 349 | 0.005 | 1 | 1.27 | 0.007 | 0.06 | 0.1 | 0.05 | 2.9 | <0.1 | 0.07 | 3 | <0.5 | <0.2 |
| 1218816 | Soil | 31 | 0.49 | 305 | 0.023 | 1 | 1.92 | 0.008 | 0.06 | 0.2 | 0.06 | 4.7 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1218817 | Soil | 24 | 0.27 | 137 | 0.024 | <1 | 1.52 | 0.004 | 0.04 | 0.2 | 0.03 | 2.4 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1218818 | Soil | 23 | 0.26 | 163 | 0.020 | <1 | 1.49 | 0.006 | 0.03 | 0.1 | 0.04 | 2.0 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1218819 | Soil | 25 | 0.39 | 177 | 0.026 | <1 | 1.64 | 0.005 | 0.04 | 0.2 | 0.04 | 2.7 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1218820 | Soil | 21 | 0.20 | 81 | 0.005 | <1 | 0.83 | 0.004 | 0.05 | 0.1 | 0.04 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218821 | Soil | 19 | 0.26 | 127 | 0.017 | <1 | 1.22 | 0.004 | 0.03 | 0.1 | 0.04 | 1.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218822 | Soil | 25 | 0.42 | 194 | 0.032 | <1 | 1.57 | 0.006 | 0.04 | 0.2 | 0.05 | 3.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |

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Project: Arizona
 Report Date: September 19, 2011

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CERTIFICATE OF ANALYSIS

WHI11000809.1

| Method Analyte Unit MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | |
| | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| 1217061 | Soil | 2.5 | 29.2 | 7.2 | 78 | 0.4 | 27.8 | 10.2 | 314 | 2.76 | 6.4 | 2.8 | 1.3 | 106 | 0.3 | 0.7 | <0.1 | 66 | 0.99 | 0.107 | 14 |
| 1217062 | Soil | 1.3 | 27.1 | 10.5 | 47 | 0.4 | 21.4 | 5.3 | 237 | 1.63 | 3.3 | 3.2 | 0.9 | 70 | <0.1 | 0.8 | 0.1 | 27 | 1.75 | 0.093 | 15 |
| 1217063 | Soil | 0.9 | 33.6 | 9.9 | 74 | 0.5 | 26.5 | 7.9 | 362 | 2.02 | 4.3 | 4.1 | 1.4 | 71 | 0.3 | 0.8 | 0.1 | 29 | 1.78 | 0.102 | 15 |
| 1217064 | Soil | 1.5 | 30.1 | 9.8 | 132 | 0.4 | 33.1 | 7.9 | 276 | 2.19 | 5.8 | 8.6 | 2.2 | 43 | 0.2 | 0.9 | 0.2 | 31 | 1.19 | 0.065 | 21 |
| 1217065 | Soil | 1.8 | 51.2 | 9.2 | 177 | 1.0 | 40.8 | 8.8 | 279 | 2.26 | 6.2 | 7.4 | 1.5 | 51 | 0.6 | 1.0 | 0.2 | 30 | 1.10 | 0.075 | 15 |
| 1217066 | Soil | 0.9 | 25.2 | 6.0 | 97 | 0.2 | 27.7 | 6.9 | 141 | 1.96 | 3.7 | 3.3 | 3.7 | 21 | 0.3 | 0.6 | 0.1 | 30 | 0.25 | 0.058 | 14 |
| 1217067 | Soil | 1.2 | 23.6 | 6.7 | 74 | 0.2 | 21.5 | 6.7 | 225 | 1.77 | 7.7 | 1.4 | 3.0 | 27 | 0.3 | 0.8 | 0.1 | 33 | 0.46 | 0.077 | 12 |
| 1217068 | Soil | 0.8 | 32.0 | 7.3 | 79 | 0.3 | 27.9 | 7.6 | 158 | 2.13 | 5.7 | 3.4 | 4.5 | 23 | 0.2 | 0.7 | 0.2 | 34 | 0.37 | 0.058 | 18 |
| 1217069 | Soil | 1.1 | 32.7 | 6.1 | 79 | 0.3 | 32.2 | 8.0 | 171 | 1.86 | 4.8 | 4.7 | 4.2 | 26 | 0.2 | 0.7 | 0.2 | 30 | 0.37 | 0.065 | 19 |
| 1217070 | Soil | 2.2 | 25.0 | 9.7 | 64 | 0.3 | 24.4 | 8.6 | 315 | 2.16 | 5.6 | 7.3 | 3.3 | 32 | 0.1 | 0.7 | 0.2 | 33 | 0.35 | 0.079 | 19 |
| 1217071 | Soil | 1.4 | 15.1 | 6.9 | 46 | 0.2 | 16.3 | 4.9 | 129 | 2.20 | 8.4 | 10.0 | 0.5 | 28 | 0.2 | 0.6 | 0.2 | 51 | 0.14 | 0.053 | 12 |
| 1217072 | Soil | 2.4 | 34.9 | 5.5 | 104 | 0.3 | 62.1 | 18.2 | 430 | 4.10 | 9.0 | 3.0 | 2.7 | 58 | 0.8 | 0.9 | <0.1 | 56 | 0.27 | 0.131 | 14 |
| 1217073 | Soil | 1.7 | 32.2 | 7.0 | 106 | 0.3 | 39.6 | 14.5 | 470 | 3.19 | 5.8 | 3.4 | 2.7 | 61 | 0.7 | 0.8 | 0.1 | 57 | 0.61 | 0.100 | 18 |
| 1217074 | Soil | 0.6 | 28.5 | 7.7 | 99 | 0.3 | 25.2 | 10.0 | 356 | 2.21 | 5.2 | 3.9 | 2.3 | 64 | 0.7 | 0.5 | 0.1 | 42 | 0.96 | 0.085 | 14 |
| 1217075 | Soil | 1.3 | 43.3 | 12.5 | 69 | 0.4 | 28.2 | 10.6 | 417 | 3.27 | 15.7 | 7.4 | 1.7 | 46 | 0.2 | 0.7 | 0.3 | 49 | 0.57 | 0.071 | 21 |
| 1217076 | Soil | 1.1 | 27.2 | 10.6 | 70 | 0.2 | 24.1 | 10.0 | 412 | 2.40 | 9.0 | 3.1 | 3.0 | 46 | 0.2 | 0.8 | 0.2 | 36 | 0.92 | 0.078 | 17 |
| 1217077 | Soil | 0.6 | 20.5 | 10.8 | 64 | 0.1 | 22.2 | 9.5 | 368 | 2.31 | 7.7 | 7.4 | 3.6 | 47 | 0.3 | 0.5 | 0.1 | 29 | 1.01 | 0.080 | 19 |
| 1217078 | Soil | 1.1 | 24.1 | 10.6 | 67 | 0.1 | 23.5 | 9.7 | 399 | 2.48 | 9.7 | 2.5 | 3.5 | 36 | 0.2 | 0.7 | 0.2 | 35 | 0.70 | 0.078 | 18 |
| 1217079 | Soil | 0.4 | 14.2 | 9.0 | 50 | <0.1 | 16.1 | 6.4 | 180 | 1.69 | 3.9 | 6.6 | 3.8 | 35 | 0.1 | 0.4 | <0.1 | 24 | 0.69 | 0.077 | 18 |
| 1217080 | Soil | 0.4 | 16.4 | 9.3 | 62 | <0.1 | 18.1 | 8.1 | 448 | 2.06 | 4.4 | 4.9 | 3.1 | 52 | 0.2 | 0.5 | 0.1 | 19 | 1.10 | 0.092 | 16 |
| 1217081 | Soil | 1.3 | 38.2 | 11.7 | 76 | 0.1 | 25.2 | 12.9 | 312 | 3.34 | 10.6 | 4.8 | 3.5 | 40 | 0.3 | 1.6 | 0.2 | 43 | 0.64 | 0.092 | 22 |
| 1217082 | Soil | 1.6 | 30.2 | 11.7 | 69 | 0.2 | 21.6 | 12.0 | 708 | 3.22 | 13.1 | 3.9 | 2.8 | 52 | 0.3 | 1.2 | 0.2 | 43 | 0.78 | 0.086 | 19 |
| 1217083 | Soil | 1.5 | 38.8 | 11.4 | 73 | 0.2 | 24.1 | 12.3 | 1738 | 2.96 | 14.1 | 7.5 | 2.3 | 71 | 0.5 | 1.6 | 0.2 | 39 | 1.02 | 0.097 | 16 |
| 1217084 | Soil | 1.0 | 27.7 | 9.9 | 68 | 0.2 | 24.4 | 9.3 | 393 | 2.32 | 9.9 | 8.9 | 5.6 | 26 | 0.3 | 1.2 | 0.2 | 35 | 0.37 | 0.077 | 20 |
| 1217085 | Soil | 0.9 | 23.5 | 12.1 | 67 | 0.1 | 23.7 | 8.7 | 347 | 2.56 | 13.6 | 2.7 | 3.9 | 29 | 0.1 | 0.8 | 0.2 | 40 | 0.36 | 0.060 | 17 |
| 1217086 | Soil | 1.0 | 10.3 | 12.6 | 64 | <0.1 | 13.6 | 7.6 | 387 | 2.17 | 10.3 | 0.6 | 3.1 | 42 | 0.1 | 0.6 | 0.2 | 33 | 0.62 | 0.080 | 15 |
| 1217087 | Soil | 1.9 | 42.8 | 13.6 | 92 | 0.2 | 29.6 | 11.0 | 591 | 3.19 | 16.7 | 4.4 | 5.9 | 36 | 0.5 | 2.4 | 0.2 | 37 | 0.42 | 0.099 | 23 |
| 1217088 | Soil | 1.3 | 12.5 | 11.4 | 47 | <0.1 | 17.5 | 9.4 | 341 | 2.70 | 11.9 | 1.9 | 3.2 | 11 | 0.2 | 0.7 | 0.2 | 45 | 0.12 | 0.050 | 13 |
| 1217089 | Soil | 1.5 | 9.8 | 9.5 | 38 | <0.1 | 9.2 | 4.0 | 225 | 2.26 | 7.8 | 2.7 | 2.1 | 9 | 0.2 | 0.5 | 0.2 | 58 | 0.07 | 0.029 | 12 |
| 1217090 | Soil | 1.9 | 12.4 | 12.1 | 52 | <0.1 | 12.2 | 6.1 | 317 | 3.78 | 12.7 | 2.8 | 2.8 | 10 | 0.2 | 0.7 | 0.2 | 59 | 0.08 | 0.042 | 11 |

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Project: Arizona
 Report Date: September 19, 2011

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CERTIFICATE OF ANALYSIS

WHI11000809.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1217061 | Soil | 35 | 0.59 | 1008 | 0.010 | 3 | 1.21 | 0.011 | 0.07 | <0.1 | 0.15 | 2.9 | <0.1 | 0.16 | 4 | 1.2 | <0.2 |
| 1217062 | Soil | 19 | 0.59 | 1056 | 0.011 | 4 | 0.92 | 0.010 | 0.07 | <0.1 | 0.13 | 2.6 | 0.1 | 0.19 | 3 | 0.9 | <0.2 |
| 1217063 | Soil | 20 | 0.57 | 841 | 0.020 | 4 | 0.88 | 0.009 | 0.08 | 0.1 | 0.13 | 3.4 | 0.2 | 0.15 | 3 | 1.4 | <0.2 |
| 1217064 | Soil | 24 | 0.59 | 516 | 0.013 | 3 | 0.98 | 0.007 | 0.08 | 0.1 | 0.11 | 3.9 | 0.2 | 0.10 | 3 | 0.9 | <0.2 |
| 1217065 | Soil | 21 | 0.50 | 634 | 0.014 | 3 | 1.06 | 0.008 | 0.08 | 0.1 | 0.17 | 4.3 | 0.2 | 0.13 | 3 | 1.1 | <0.2 |
| 1217066 | Soil | 21 | 0.52 | 236 | 0.029 | 1 | 0.95 | 0.008 | 0.07 | 0.1 | 0.02 | 2.4 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217067 | Soil | 17 | 0.37 | 311 | 0.024 | 1 | 0.72 | 0.007 | 0.04 | 0.2 | 0.04 | 2.2 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 1217068 | Soil | 23 | 0.53 | 265 | 0.028 | 2 | 1.11 | 0.007 | 0.07 | 0.1 | 0.04 | 3.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217069 | Soil | 23 | 0.55 | 367 | 0.022 | 2 | 1.14 | 0.007 | 0.08 | 0.2 | 0.07 | 3.5 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217070 | Soil | 22 | 0.51 | 425 | 0.008 | 2 | 1.24 | 0.005 | 0.09 | 0.1 | 0.08 | 2.8 | 0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1217071 | Soil | 24 | 0.23 | 746 | 0.015 | 1 | 1.24 | 0.007 | 0.05 | 0.2 | 0.06 | 1.4 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1217072 | Soil | 46 | 0.53 | 1059 | 0.018 | <1 | 1.63 | 0.012 | 0.05 | 0.1 | 0.08 | 4.0 | 0.1 | 0.07 | 4 | <0.5 | <0.2 |
| 1217073 | Soil | 32 | 0.68 | 502 | 0.011 | 2 | 1.33 | 0.007 | 0.05 | <0.1 | 0.10 | 3.4 | <0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 1217074 | Soil | 24 | 0.56 | 628 | 0.014 | 3 | 1.21 | 0.009 | 0.06 | 0.1 | 0.08 | 2.9 | <0.1 | 0.12 | 3 | 0.9 | <0.2 |
| 1217075 | Soil | 30 | 0.55 | 621 | 0.024 | <1 | 1.83 | 0.009 | 0.10 | 0.2 | 0.08 | 3.1 | 0.1 | 0.06 | 5 | 0.9 | <0.2 |
| 1217076 | Soil | 23 | 0.50 | 315 | 0.015 | 2 | 1.23 | 0.008 | 0.06 | 0.2 | 0.05 | 2.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217077 | Soil | 21 | 0.58 | 241 | 0.016 | 2 | 1.15 | 0.008 | 0.06 | 0.3 | 0.06 | 2.8 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1217078 | Soil | 21 | 0.48 | 249 | 0.020 | 1 | 1.17 | 0.008 | 0.05 | 0.2 | 0.04 | 3.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217079 | Soil | 16 | 0.40 | 197 | 0.012 | 2 | 0.87 | 0.006 | 0.04 | 0.3 | 0.03 | 2.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217080 | Soil | 15 | 0.49 | 259 | 0.004 | 2 | 0.89 | 0.006 | 0.04 | 0.2 | 0.05 | 2.1 | <0.1 | 0.05 | 2 | <0.5 | <0.2 |
| 1217081 | Soil | 21 | 0.44 | 433 | 0.006 | 2 | 1.25 | 0.006 | 0.07 | 0.2 | 0.08 | 4.0 | <0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 1217082 | Soil | 21 | 0.41 | 446 | 0.007 | 2 | 1.22 | 0.007 | 0.07 | 0.2 | 0.06 | 3.3 | <0.1 | <0.05 | 4 | 0.9 | <0.2 |
| 1217083 | Soil | 22 | 0.40 | 458 | 0.008 | 2 | 1.15 | 0.009 | 0.05 | 0.2 | 0.07 | 3.0 | <0.1 | <0.05 | 3 | 1.0 | <0.2 |
| 1217084 | Soil | 22 | 0.41 | 327 | 0.030 | <1 | 1.09 | 0.007 | 0.06 | 0.3 | 0.05 | 3.4 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217085 | Soil | 25 | 0.44 | 371 | 0.022 | <1 | 1.37 | 0.008 | 0.05 | 0.2 | 0.04 | 3.3 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217086 | Soil | 20 | 0.36 | 305 | 0.012 | <1 | 1.03 | 0.006 | 0.04 | 0.3 | 0.04 | 2.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217087 | Soil | 21 | 0.38 | 263 | 0.026 | <1 | 0.95 | 0.009 | 0.08 | 0.2 | 0.08 | 5.1 | 0.1 | <0.05 | 3 | 1.0 | <0.2 |
| 1217088 | Soil | 26 | 0.41 | 208 | 0.028 | <1 | 1.78 | 0.007 | 0.04 | 0.1 | 0.04 | 2.5 | <0.1 | <0.05 | 4 | 0.9 | <0.2 |
| 1217089 | Soil | 20 | 0.22 | 123 | 0.031 | <1 | 1.48 | 0.006 | 0.03 | 0.2 | 0.03 | 1.9 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| 1217090 | Soil | 27 | 0.33 | 127 | 0.039 | <1 | 1.51 | 0.006 | 0.05 | 0.2 | 0.02 | 2.2 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |

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Project: Arizona
 Report Date: September 19, 2011

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CERTIFICATE OF ANALYSIS

WHI11000809.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | % | ppm |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1217091 | Soil | 7.0 | 63.6 | 23.1 | 122 | 0.5 | 24.5 | 9.9 | 747 | 4.76 | 30.4 | 8.8 | 0.8 | 113 | 0.2 | 3.7 | 0.2 | 64 | 0.15 | 0.139 | 16 |
| 1217092 | Soil | 2.9 | 47.8 | 11.7 | 80 | <0.1 | 24.8 | 8.5 | 875 | 2.91 | 16.0 | 2.7 | 1.2 | 41 | 0.2 | 1.5 | 0.2 | 54 | 0.11 | 0.065 | 17 |
| 1217093 | Soil | 3.2 | 26.9 | 12.8 | 51 | 0.2 | 15.3 | 5.4 | 324 | 2.06 | 13.2 | 3.6 | 1.5 | 36 | 0.2 | 1.2 | 0.2 | 44 | 0.12 | 0.044 | 16 |
| 1217094 | Soil | 4.3 | 31.3 | 20.2 | 35 | 0.3 | 11.0 | 2.8 | 118 | 2.06 | 19.1 | 5.3 | 0.1 | 68 | 0.2 | 1.2 | 0.3 | 75 | 0.09 | 0.109 | 14 |
| 1217095 | Soil | 2.7 | 53.7 | 13.2 | 51 | <0.1 | 19.2 | 8.5 | 672 | 2.68 | 24.3 | 4.2 | 1.0 | 32 | 0.2 | 1.1 | 0.2 | 60 | 0.10 | 0.063 | 16 |
| 1217096 | Soil | 1.8 | 55.4 | 13.2 | 62 | 0.2 | 21.4 | 6.7 | 546 | 2.54 | 16.5 | 5.7 | 2.8 | 38 | 0.2 | 1.5 | 0.2 | 52 | 0.13 | 0.065 | 16 |
| 1217097 | Soil | 1.2 | 38.3 | 9.8 | 51 | <0.1 | 18.4 | 5.9 | 378 | 2.14 | 10.7 | 3.9 | 1.0 | 20 | 0.3 | 1.1 | 0.2 | 40 | 0.12 | 0.062 | 14 |
| 1217098 | Soil | 1.3 | 40.3 | 10.8 | 61 | 0.1 | 19.0 | 6.2 | 380 | 2.42 | 12.5 | 4.7 | 1.9 | 26 | 0.1 | 1.1 | 0.2 | 49 | 0.15 | 0.062 | 18 |
| 1217099 | Soil | 1.2 | 34.5 | 10.1 | 63 | 0.1 | 21.8 | 8.0 | 461 | 2.32 | 9.4 | 4.6 | 3.6 | 31 | <0.1 | 0.9 | 0.2 | 46 | 0.23 | 0.058 | 16 |
| 1217100 | Soil | 1.4 | 26.9 | 9.0 | 50 | 0.1 | 16.0 | 6.1 | 250 | 1.92 | 7.7 | 4.2 | 2.9 | 22 | <0.1 | 0.8 | 0.2 | 37 | 0.18 | 0.055 | 16 |
| 1217101 | Soil | 1.3 | 30.3 | 10.9 | 67 | <0.1 | 23.9 | 8.2 | 382 | 2.36 | 10.2 | 5.5 | 4.6 | 26 | 0.2 | 0.9 | 0.2 | 43 | 0.25 | 0.057 | 16 |
| 1217102 | Soil | 0.9 | 28.2 | 8.7 | 60 | <0.1 | 21.5 | 8.3 | 338 | 2.09 | 9.5 | 3.9 | 3.5 | 21 | 0.2 | 0.8 | 0.1 | 36 | 0.23 | 0.065 | 16 |
| 1217103 | Soil | 1.0 | 21.8 | 9.7 | 57 | 0.1 | 17.7 | 7.2 | 282 | 2.08 | 7.9 | 4.2 | 2.8 | 24 | 0.1 | 0.6 | 0.2 | 42 | 0.25 | 0.051 | 17 |
| 1217104 | Soil | 0.9 | 23.3 | 9.4 | 61 | <0.1 | 19.1 | 8.2 | 295 | 2.08 | 8.2 | 2.8 | 2.8 | 22 | 0.2 | 0.6 | 0.1 | 39 | 0.24 | 0.056 | 18 |
| 1217105 | Soil | 0.8 | 21.8 | 9.2 | 53 | <0.1 | 18.9 | 7.4 | 287 | 2.06 | 8.2 | 2.0 | 3.4 | 19 | 0.1 | 0.7 | 0.2 | 37 | 0.20 | 0.055 | 16 |
| 1217106 | Soil | 1.4 | 23.1 | 12.0 | 57 | 0.1 | 18.1 | 7.7 | 259 | 2.14 | 11.4 | 1.8 | 2.7 | 18 | 0.1 | 1.1 | 0.2 | 39 | 0.18 | 0.048 | 17 |
| 1217107 | Soil | 0.9 | 25.9 | 10.4 | 61 | <0.1 | 22.2 | 7.9 | 269 | 2.26 | 9.7 | 2.4 | 3.8 | 21 | 0.2 | 0.8 | 0.2 | 41 | 0.21 | 0.052 | 18 |
| 1217108 | Soil | 1.0 | 28.0 | 10.0 | 67 | 0.1 | 23.7 | 9.1 | 351 | 2.34 | 11.3 | 2.8 | 5.0 | 29 | 0.2 | 0.9 | 0.2 | 44 | 0.31 | 0.070 | 16 |
| 1217109 | Soil | 1.1 | 30.2 | 10.4 | 66 | 0.1 | 24.6 | 9.6 | 380 | 2.31 | 12.0 | 6.5 | 4.9 | 26 | 0.2 | 1.0 | 0.2 | 40 | 0.26 | 0.066 | 17 |
| 1217110 | Soil | 1.1 | 21.9 | 9.5 | 53 | <0.1 | 18.0 | 6.9 | 240 | 2.04 | 8.0 | 2.7 | 3.0 | 16 | 0.2 | 0.7 | 0.2 | 37 | 0.15 | 0.049 | 18 |
| 1217111 | Soil | 0.8 | 20.8 | 9.4 | 54 | <0.1 | 17.8 | 6.8 | 258 | 2.07 | 7.9 | 1.6 | 2.8 | 23 | 0.2 | 0.7 | 0.2 | 39 | 0.23 | 0.051 | 17 |



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Project: Arizona
 Report Date: September 19, 2011

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CERTIFICATE OF ANALYSIS

WHI11000809.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | 0.2 |
| 1217091 | Soil | 21 | 0.17 | 298 | 0.014 | <1 | 0.85 | 0.007 | 0.12 | 0.1 | 0.35 | 2.1 | 0.8 | 0.20 | 3 | 2.1 | <0.2 |
| 1217092 | Soil | 22 | 0.28 | 202 | 0.027 | <1 | 1.12 | 0.007 | 0.06 | 0.1 | 0.21 | 2.3 | 0.1 | <0.05 | 4 | 0.9 | <0.2 |
| 1217093 | Soil | 21 | 0.29 | 314 | 0.028 | <1 | 1.06 | 0.007 | 0.07 | 0.2 | 0.26 | 2.3 | 0.5 | 0.06 | 4 | <0.5 | <0.2 |
| 1217094 | Soil | 27 | 0.19 | 479 | 0.007 | <1 | 1.60 | 0.007 | 0.09 | <0.1 | 0.65 | 0.7 | 0.7 | 0.06 | 6 | 1.1 | <0.2 |
| 1217095 | Soil | 24 | 0.27 | 185 | 0.030 | <1 | 1.29 | 0.006 | 0.04 | 0.1 | 0.08 | 2.2 | 0.2 | <0.05 | 5 | 1.4 | <0.2 |
| 1217096 | Soil | 23 | 0.35 | 234 | 0.038 | <1 | 1.31 | 0.006 | 0.04 | 0.2 | 0.15 | 3.0 | 0.2 | <0.05 | 4 | 0.7 | <0.2 |
| 1217097 | Soil | 21 | 0.31 | 147 | 0.024 | <1 | 1.14 | 0.005 | 0.04 | <0.1 | 0.08 | 2.0 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1217098 | Soil | 25 | 0.37 | 224 | 0.033 | <1 | 1.41 | 0.007 | 0.04 | 0.1 | 0.07 | 3.0 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1217099 | Soil | 24 | 0.45 | 403 | 0.042 | <1 | 1.47 | 0.008 | 0.05 | 0.1 | 0.08 | 3.8 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1217100 | Soil | 20 | 0.36 | 228 | 0.035 | <1 | 1.14 | 0.007 | 0.04 | 0.1 | 0.06 | 2.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217101 | Soil | 23 | 0.42 | 377 | 0.045 | <1 | 1.16 | 0.009 | 0.04 | 0.2 | 0.04 | 3.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217102 | Soil | 20 | 0.38 | 271 | 0.038 | <1 | 1.10 | 0.007 | 0.04 | 0.2 | 0.03 | 3.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217103 | Soil | 22 | 0.37 | 279 | 0.049 | <1 | 1.27 | 0.008 | 0.04 | 0.2 | 0.04 | 3.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217104 | Soil | 21 | 0.40 | 272 | 0.039 | <1 | 1.22 | 0.009 | 0.04 | 0.1 | 0.04 | 3.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217105 | Soil | 21 | 0.34 | 269 | 0.038 | <1 | 1.13 | 0.007 | 0.04 | 0.2 | 0.04 | 2.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217106 | Soil | 21 | 0.35 | 216 | 0.035 | <1 | 1.19 | 0.007 | 0.03 | 0.1 | 0.05 | 2.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217107 | Soil | 23 | 0.36 | 304 | 0.039 | <1 | 1.38 | 0.006 | 0.05 | 0.2 | 0.05 | 3.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217108 | Soil | 23 | 0.40 | 367 | 0.053 | <1 | 1.36 | 0.012 | 0.06 | 0.2 | 0.04 | 4.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217109 | Soil | 21 | 0.40 | 365 | 0.046 | <1 | 1.23 | 0.009 | 0.06 | 0.2 | 0.04 | 4.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217110 | Soil | 21 | 0.36 | 189 | 0.036 | <1 | 1.20 | 0.006 | 0.04 | 0.2 | 0.04 | 2.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217111 | Soil | 22 | 0.36 | 260 | 0.039 | <1 | 1.14 | 0.007 | 0.04 | 0.1 | 0.03 | 2.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |



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Project: Arizona
Report Date: September 19, 2011

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QUALITY CONTROL REPORT

WHI11000809.1

| Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | |
| Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 1217507 | Soil | 0.8 | 12.1 | 10.0 | 32 | <0.1 | 11.1 | 4.1 | 130 | 1.79 | 8.0 | 1.1 | 1.0 | 6 | 0.1 | 1.0 | 0.2 | 32 | 0.04 | 0.057 | 17 |
| REP 1217507 | QC | 0.8 | 11.8 | 10.0 | 31 | <0.1 | 10.6 | 3.9 | 130 | 1.76 | 7.7 | <0.5 | 1.0 | 6 | 0.1 | 0.9 | 0.2 | 31 | 0.04 | 0.056 | 17 |
| 1217533 | Soil | 1.6 | 26.3 | 11.2 | 76 | 0.4 | 25.7 | 7.6 | 313 | 2.21 | 7.1 | 0.6 | 3.3 | 18 | 0.1 | 0.8 | 0.2 | 34 | 0.30 | 0.045 | 19 |
| REP 1217533 | QC | 1.6 | 27.1 | 11.3 | 77 | 0.4 | 26.9 | 7.4 | 320 | 2.22 | 7.0 | 1.1 | 3.2 | 18 | 0.2 | 0.9 | 0.2 | 33 | 0.29 | 0.043 | 18 |
| 1217547 | Soil | 1.2 | 10.2 | 8.4 | 29 | 0.1 | 9.4 | 4.2 | 139 | 2.18 | 8.1 | 1.2 | 1.1 | 10 | 0.1 | 0.3 | 0.3 | 66 | 0.07 | 0.031 | 13 |
| REP 1217547 | QC | 1.2 | 10.0 | 8.5 | 30 | 0.1 | 9.4 | 4.2 | 139 | 2.16 | 7.6 | 1.3 | 1.1 | 11 | 0.1 | 0.3 | 0.2 | 66 | 0.07 | 0.029 | 13 |
| 1217005 | Soil | 0.7 | 31.8 | 21.2 | 82 | 0.1 | 26.8 | 11.7 | 408 | 3.13 | 26.0 | 8.4 | 13.6 | 22 | <0.1 | 2.1 | 0.2 | 26 | 0.32 | 0.056 | 35 |
| REP 1217005 | QC | 0.8 | 32.2 | 22.4 | 84 | 0.1 | 27.8 | 11.9 | 401 | 3.22 | 26.9 | 4.2 | 14.7 | 23 | 0.1 | 2.2 | 0.2 | 27 | 0.34 | 0.059 | 37 |
| 1218702 | Soil | 1.5 | 22.9 | 6.8 | 82 | 0.1 | 26.8 | 7.0 | 316 | 1.90 | 5.9 | 3.2 | 2.9 | 17 | 0.5 | 0.8 | 0.1 | 30 | 0.24 | 0.065 | 14 |
| REP 1218702 | QC | 1.6 | 23.4 | 6.9 | 87 | 0.1 | 28.3 | 7.2 | 323 | 1.99 | 6.1 | 3.2 | 3.1 | 18 | 0.5 | 0.8 | 0.1 | 31 | 0.24 | 0.065 | 15 |
| 1218716 | Soil | 2.3 | 28.6 | 7.0 | 80 | 0.3 | 34.1 | 15.4 | 627 | 3.84 | 5.1 | 0.6 | 1.9 | 70 | 0.2 | 0.6 | 0.1 | 81 | 0.46 | 0.126 | 16 |
| REP 1218716 | QC | 2.4 | 28.7 | 7.0 | 79 | 0.3 | 34.4 | 15.3 | 624 | 3.85 | 5.3 | 0.7 | 2.0 | 73 | 0.2 | 0.6 | 0.1 | 82 | 0.45 | 0.131 | 17 |
| 1217561 | Soil | 1.1 | 12.4 | 19.3 | 58 | <0.1 | 14.9 | 7.2 | 297 | 2.38 | 10.3 | 1.2 | 5.4 | 13 | <0.1 | 0.6 | 0.3 | 41 | 0.13 | 0.047 | 16 |
| REP 1217561 | QC | 1.0 | 13.2 | 19.8 | 59 | <0.1 | 15.5 | 7.3 | 305 | 2.41 | 10.3 | 3.3 | 5.6 | 13 | 0.1 | 0.6 | 0.2 | 41 | 0.14 | 0.048 | 16 |
| 1217579 | Soil | 0.7 | 17.3 | 14.2 | 56 | <0.1 | 19.3 | 10.0 | 396 | 2.54 | 11.8 | 4.1 | 3.9 | 12 | 0.1 | 0.7 | <0.1 | 45 | 0.11 | 0.054 | 16 |
| REP 1217579 | QC | 0.8 | 17.6 | 14.0 | 58 | <0.1 | 19.7 | 10.1 | 398 | 2.48 | 12.3 | 2.1 | 4.0 | 13 | <0.1 | 0.6 | <0.1 | 45 | 0.12 | 0.053 | 16 |
| 1218570 | Soil | 1.4 | 8.8 | 7.9 | 67 | <0.1 | 14.1 | 4.6 | 130 | 1.73 | 7.8 | 0.6 | 2.8 | 15 | 0.2 | 0.5 | 0.2 | 42 | 0.17 | 0.018 | 11 |
| REP 1218570 | QC | 1.3 | 8.3 | 7.9 | 67 | <0.1 | 14.5 | 4.6 | 124 | 1.67 | 7.4 | 12.5 | 2.7 | 14 | 0.2 | 0.5 | 0.2 | 41 | 0.16 | 0.019 | 11 |
| 1218586 | Soil | 0.8 | 17.5 | 9.3 | 58 | 0.1 | 18.6 | 13.2 | 834 | 3.95 | 8.3 | 2.5 | 2.5 | 67 | 0.3 | 0.4 | <0.1 | 18 | 1.29 | 0.095 | 13 |
| REP 1218586 | QC | 0.9 | 18.0 | 9.7 | 58 | <0.1 | 19.0 | 13.4 | 862 | 4.00 | 8.6 | 2.0 | 2.7 | 69 | 0.3 | 0.5 | 0.1 | 19 | 1.31 | 0.097 | 13 |
| 1218594 | Soil | 1.6 | 32.5 | 20.3 | 74 | 0.3 | 21.8 | 8.8 | 680 | 2.44 | 12.5 | 1.8 | 3.2 | 74 | 0.4 | 1.7 | 0.2 | 27 | 1.17 | 0.075 | 24 |
| REP 1218594 | QC | 1.7 | 32.5 | 20.2 | 73 | 0.3 | 21.8 | 9.0 | 681 | 2.43 | 12.6 | 2.5 | 3.3 | 74 | 0.5 | 1.7 | 0.2 | 27 | 1.16 | 0.078 | 25 |
| 1218013 | Soil | 1.1 | 26.5 | 7.3 | 57 | 0.1 | 16.0 | 5.7 | 176 | 1.78 | 6.0 | 2.2 | 0.5 | 16 | 0.1 | 0.6 | 0.1 | 35 | 0.16 | 0.073 | 17 |
| REP 1218013 | QC | 1.1 | 27.5 | 7.5 | 57 | 0.1 | 16.2 | 5.7 | 179 | 1.82 | 6.0 | 3.2 | 0.5 | 16 | 0.2 | 0.6 | 0.1 | 36 | 0.16 | 0.070 | 17 |
| 1218306 | Soil | 0.8 | 30.9 | 12.1 | 64 | 0.1 | 26.2 | 10.5 | 433 | 2.48 | 10.8 | 2.6 | 5.5 | 34 | 0.3 | 0.7 | 0.2 | 34 | 0.55 | 0.078 | 20 |
| REP 1218306 | QC | 0.7 | 33.6 | 11.7 | 69 | 0.1 | 28.9 | 11.1 | 456 | 2.63 | 11.8 | 2.6 | 5.3 | 36 | 0.2 | 0.7 | 0.1 | 38 | 0.59 | 0.080 | 20 |
| 1218737 | Soil | 6.4 | 82.2 | 26.3 | 247 | 0.4 | 82.7 | 21.2 | 634 | 4.89 | 23.8 | 5.6 | 6.6 | 267 | 0.4 | 2.9 | 0.3 | 41 | 0.58 | 0.379 | 24 |
| REP 1218737 | QC | 6.3 | 80.2 | 25.4 | 234 | 0.4 | 80.9 | 20.5 | 598 | 4.65 | 22.2 | 5.5 | 6.3 | 256 | 0.4 | 2.8 | 0.3 | 39 | 0.56 | 0.374 | 23 |



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Project: Arizona
 Report Date: September 19, 2011

Page: 1 of 3 Part 2

QUALITY CONTROL REPORT

WHI11000809.1

| Method | Analyte | Unit | MDL | 1DX15 Cr ppm | 1DX15 Mg % | 1DX15 Ba ppm | 1DX15 Ti % | 1DX15 B ppm | 1DX15 Al % | 1DX15 Na % | 1DX15 K % | 1DX15 W ppm | 1DX15 Hg ppm | 1DX15 Sc ppm | 1DX15 Tl ppm | 1DX15 S % | 1DX15 Ga ppm | 1DX15 Se ppm | 1DX15 Te ppm |
|-----------------|---------|------|-----|--------------|------------|--------------|------------|-------------|------------|------------|-----------|-------------|--------------|--------------|--------------|-----------|--------------|--------------|--------------|
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | |
| 1217507 | Soil | | | 18 | 0.20 | 90 | 0.010 | <1 | 0.94 | 0.004 | 0.02 | 0.2 | 0.04 | 1.1 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1217507 | QC | | | 18 | 0.20 | 89 | 0.007 | 2 | 0.91 | 0.004 | 0.02 | 0.2 | 0.03 | 1.1 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217533 | Soil | | | 25 | 0.53 | 507 | 0.009 | <1 | 1.18 | 0.006 | 0.06 | 0.1 | 0.09 | 3.3 | 0.1 | <0.05 | 4 | 1.0 | <0.2 |
| REP 1217533 | QC | | | 24 | 0.52 | 504 | 0.009 | 1 | 1.17 | 0.005 | 0.06 | <0.1 | 0.11 | 3.1 | 0.1 | <0.05 | 4 | 0.9 | <0.2 |
| 1217547 | Soil | | | 20 | 0.23 | 300 | 0.034 | 2 | 1.17 | 0.005 | 0.04 | <0.1 | 0.02 | 1.4 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| REP 1217547 | QC | | | 20 | 0.22 | 291 | 0.032 | 1 | 1.12 | 0.006 | 0.03 | 0.1 | 0.02 | 1.4 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| 1217005 | Soil | | | 23 | 0.40 | 144 | 0.021 | 3 | 1.24 | 0.006 | 0.08 | 0.3 | 0.06 | 2.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1217005 | QC | | | 23 | 0.42 | 156 | 0.022 | 2 | 1.24 | 0.007 | 0.09 | 0.3 | 0.06 | 3.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218702 | Soil | | | 17 | 0.35 | 411 | 0.028 | <1 | 0.88 | 0.008 | 0.06 | 0.2 | 0.04 | 2.0 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1218702 | QC | | | 19 | 0.38 | 415 | 0.030 | 1 | 0.93 | 0.010 | 0.07 | 0.2 | 0.04 | 2.1 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218716 | Soil | | | 35 | 0.59 | 1087 | 0.004 | 2 | 1.37 | 0.007 | 0.07 | <0.1 | 0.21 | 3.5 | 0.2 | 0.07 | 5 | 0.7 | <0.2 |
| REP 1218716 | QC | | | 35 | 0.59 | 1103 | 0.005 | 2 | 1.44 | 0.007 | 0.07 | <0.1 | 0.23 | 3.6 | 0.2 | 0.08 | 5 | 0.8 | <0.2 |
| 1217561 | Soil | | | 23 | 0.38 | 155 | 0.020 | 1 | 1.28 | 0.006 | 0.04 | 0.2 | 0.03 | 2.2 | 0.1 | <0.05 | 4 | 0.8 | <0.2 |
| REP 1217561 | QC | | | 23 | 0.38 | 154 | 0.020 | 1 | 1.32 | 0.006 | 0.05 | 0.2 | 0.04 | 2.2 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217579 | Soil | | | 28 | 0.42 | 179 | 0.036 | <1 | 1.60 | 0.006 | 0.05 | 0.2 | 0.04 | 2.7 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1217579 | QC | | | 28 | 0.42 | 176 | 0.038 | <1 | 1.57 | 0.006 | 0.06 | 0.2 | 0.03 | 2.9 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1218570 | Soil | | | 19 | 0.36 | 336 | 0.021 | <1 | 0.99 | 0.006 | 0.04 | 0.2 | <0.01 | 1.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1218570 | QC | | | 18 | 0.35 | 326 | 0.018 | <1 | 0.96 | 0.007 | 0.04 | 0.2 | 0.01 | 1.5 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218586 | Soil | | | 15 | 0.45 | 345 | 0.004 | 1 | 0.85 | 0.006 | 0.04 | <0.1 | 0.05 | 2.5 | <0.1 | 0.07 | 2 | 1.1 | <0.2 |
| REP 1218586 | QC | | | 16 | 0.46 | 344 | 0.005 | 2 | 0.86 | 0.006 | 0.04 | 0.1 | 0.06 | 2.5 | <0.1 | 0.08 | 2 | 0.6 | <0.2 |
| 1218594 | Soil | | | 17 | 0.28 | 484 | 0.005 | 1 | 0.98 | 0.006 | 0.06 | 0.3 | 0.18 | 3.5 | 0.2 | <0.05 | 3 | 1.4 | <0.2 |
| REP 1218594 | QC | | | 17 | 0.29 | 483 | 0.005 | 1 | 1.01 | 0.006 | 0.07 | 0.2 | 0.18 | 3.5 | 0.2 | <0.05 | 3 | 1.1 | <0.2 |
| 1218013 | Soil | | | 22 | 0.34 | 158 | 0.024 | <1 | 1.11 | 0.006 | 0.04 | 0.1 | 0.05 | 1.2 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| REP 1218013 | QC | | | 22 | 0.33 | 156 | 0.023 | <1 | 1.09 | 0.006 | 0.04 | 0.1 | 0.05 | 1.3 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1218306 | Soil | | | 21 | 0.52 | 255 | 0.026 | <1 | 1.11 | 0.009 | 0.06 | 0.2 | 0.05 | 3.6 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| REP 1218306 | QC | | | 23 | 0.52 | 262 | 0.027 | <1 | 1.16 | 0.010 | 0.06 | 0.2 | 0.03 | 4.0 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1218737 | Soil | | | 20 | 0.19 | 1961 | 0.013 | 2 | 1.01 | 0.004 | 0.10 | <0.1 | 0.08 | 4.6 | 0.2 | 0.06 | 2 | 3.5 | 0.3 |
| REP 1218737 | QC | | | 20 | 0.19 | 1880 | 0.012 | 2 | 0.98 | 0.004 | 0.09 | <0.1 | 0.08 | 4.4 | 0.2 | <0.05 | 2 | 2.5 | 0.2 |

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Project: Arizona

Report Date: September 19, 2011

Page: 2 of 3 Part 1

QUALITY CONTROL REPORT

WHI11000809.1

| | | 1DX15 Mo ppm | 1DX15 Cu ppm | 1DX15 Pb ppm | 1DX15 Zn ppm | 1DX15 Ag ppm | 1DX15 Ni ppm | 1DX15 Co ppm | 1DX15 Mn ppm | 1DX15 Fe % | 1DX15 As ppm | 1DX15 Au ppb | 1DX15 Th ppm | 1DX15 Sr ppm | 1DX15 Cd ppm | 1DX15 Sb ppm | 1DX15 Bi ppm | 1DX15 V ppm | 1DX15 Ca % | 1DX15 P % | 1DX15 La ppm |
|---------------------|----------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|---------------|--------------|-----------------|
| 1218792 | Soil | 1.8 | 29.7 | 9.1 | 104 | 0.4 | 33.2 | 8.5 | 878 | 2.14 | 6.5 | 6.5 | 3.2 | 36 | 0.3 | 0.8 | 0.2 | 40 | 0.62 | 0.065 | 17 |
| REP 1218792 | QC | 1.7 | 31.0 | 9.6 | 107 | 0.5 | 34.8 | 9.0 | 894 | 2.19 | 6.8 | 2.5 | 3.4 | 36 | 0.4 | 0.9 | 0.2 | 40 | 0.62 | 0.069 | 17 |
| 1218820 | Soil | 1.7 | 20.3 | 14.6 | 51 | <0.1 | 23.8 | 11.5 | 399 | 3.02 | 43.2 | 3.5 | 0.4 | 8 | 0.1 | 1.6 | 0.2 | 32 | 0.09 | 0.066 | 15 |
| REP 1218820 | QC | 2.1 | 21.1 | 14.5 | 52 | <0.1 | 24.3 | 11.4 | 402 | 3.05 | 43.9 | 2.5 | 0.4 | 9 | 0.2 | 1.7 | 0.2 | 34 | 0.10 | 0.065 | 16 |
| 1217075 | Soil | 1.3 | 43.3 | 12.5 | 69 | 0.4 | 28.2 | 10.6 | 417 | 3.27 | 15.7 | 7.4 | 1.7 | 46 | 0.2 | 0.7 | 0.3 | 49 | 0.57 | 0.071 | 21 |
| REP 1217075 | QC | 1.3 | 43.4 | 11.7 | 66 | 0.4 | 28.3 | 10.3 | 426 | 3.23 | 14.7 | 5.6 | 1.6 | 46 | 0.2 | 0.8 | 0.3 | 50 | 0.57 | 0.068 | 20 |
| 1217083 | Soil | 1.5 | 38.8 | 11.4 | 73 | 0.2 | 24.1 | 12.3 | 1738 | 2.96 | 14.1 | 7.5 | 2.3 | 71 | 0.5 | 1.6 | 0.2 | 39 | 1.02 | 0.097 | 16 |
| REP 1217083 | QC | 1.4 | 40.7 | 12.0 | 81 | 0.2 | 27.1 | 13.0 | 1837 | 3.15 | 14.7 | 5.3 | 2.4 | 73 | 0.6 | 1.7 | 0.2 | 40 | 1.05 | 0.103 | 16 |
| 1217103 | Soil | 1.0 | 21.8 | 9.7 | 57 | 0.1 | 17.7 | 7.2 | 282 | 2.08 | 7.9 | 4.2 | 2.8 | 24 | 0.1 | 0.6 | 0.2 | 42 | 0.25 | 0.051 | 17 |
| REP 1217103 | QC | 0.9 | 23.0 | 9.5 | 61 | <0.1 | 17.9 | 7.1 | 276 | 2.08 | 8.0 | 8.2 | 2.7 | 24 | 0.1 | 0.6 | 0.2 | 43 | 0.25 | 0.054 | 18 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | 12.5 | 109.6 | 126.9 | 311 | 1.8 | 37.5 | 7.5 | 619 | 2.50 | 24.7 | 109.1 | 6.5 | 66 | 2.4 | 5.3 | 6.6 | 43 | 0.70 | 0.079 | 15 |
| STD DS8 | Standard | 13.3 | 120.6 | 133.2 | 348 | 2.0 | 42.0 | 8.2 | 665 | 2.67 | 27.2 | 125.0 | 6.9 | 67 | 2.1 | 5.5 | 6.7 | 46 | 0.72 | 0.091 | 15 |
| STD DS8 | Standard | 12.9 | 99.5 | 121.9 | 309 | 1.7 | 37.7 | 6.5 | 591 | 2.36 | 20.9 | 122.2 | 5.9 | 60 | 2.0 | 4.5 | 5.5 | 36 | 0.64 | 0.071 | 13 |
| STD DS8 | Standard | 14.1 | 112.9 | 129.2 | 322 | 1.8 | 39.6 | 8.0 | 640 | 2.56 | 24.8 | 117.0 | 7.4 | 66 | 2.6 | 5.7 | 6.8 | 43 | 0.72 | 0.081 | 16 |
| STD DS8 | Standard | 14.4 | 122.2 | 128.3 | 325 | 1.9 | 40.8 | 8.1 | 631 | 2.58 | 26.1 | 120.5 | 7.0 | 68 | 2.5 | 5.7 | 6.6 | 46 | 0.73 | 0.081 | 16 |
| STD DS8 | Standard | 13.7 | 115.8 | 127.2 | 325 | 1.9 | 40.2 | 7.9 | 627 | 2.53 | 24.1 | 109.4 | 7.1 | 59 | 2.3 | 5.0 | 6.7 | 43 | 0.71 | 0.076 | 16 |
| STD DS8 | Standard | 12.9 | 124.0 | 121.4 | 325 | 1.8 | 39.6 | 7.6 | 611 | 2.44 | 24.4 | 124.3 | 7.1 | 65 | 2.4 | 5.7 | 7.4 | 42 | 0.69 | 0.079 | 14 |
| STD DS8 | Standard | 12.2 | 111.7 | 125.3 | 308 | 1.8 | 37.7 | 7.5 | 610 | 2.45 | 25.0 | 128.0 | 6.5 | 62 | 2.3 | 5.3 | 6.7 | 42 | 0.66 | 0.079 | 14 |
| STD DS8 | Standard | 12.7 | 109.9 | 118.2 | 316 | 1.8 | 37.2 | 7.6 | 640 | 2.55 | 25.8 | 123.5 | 6.5 | 70 | 2.3 | 6.0 | 6.3 | 43 | 0.72 | 0.085 | 15 |
| STD DS8 | Standard | 12.9 | 103.8 | 122.7 | 299 | 1.7 | 36.3 | 7.3 | 581 | 2.37 | 24.5 | 110.8 | 6.6 | 65 | 2.3 | 5.3 | 6.2 | 39 | 0.64 | 0.073 | 14 |
| STD DS8 | Standard | 13.0 | 112.5 | 124.2 | 324 | 1.8 | 38.3 | 8.0 | 635 | 2.52 | 25.2 | 119.2 | 6.7 | 69 | 2.1 | 5.5 | 6.5 | 45 | 0.70 | 0.082 | 16 |
| STD DS8 Expected | | 13.44 | 110 | 123 | 312 | 1.69 | 38.1 | 7.5 | 615 | 2.46 | 26 | 107 | 6.89 | 67.7 | 2.38 | 5.7 | 6.67 | 41.1 | 0.7 | 0.08 | 14.6 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |

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Report Date: September 19, 2011

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

WHI11000809.1

Table with 17 columns (1DX15 Cr, 1DX15 Mg, 1DX15 Ba, 1DX15 Ti, 1DX15 B, 1DX15 Al, 1DX15 Na, 1DX15 K, 1DX15 W, 1DX15 Hg, 1DX15 Sc, 1DX15 Ti, 1DX15 S, 1DX15 Ga, 1DX15 Se, 1DX15 Te) and multiple rows including sample data, reference materials, and blank samples.

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QUALITY CONTROL REPORT

WHI11000809.1

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



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 1300 - 111 West Georgia Street
 Vancouver BC V6E 4M3 Canada

Project: Arizona

Report Date: September 19, 2011

Page: 3 of 3 **Part** 2

QUALITY CONTROL REPORT

WHI11000809.1

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



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Client: Goldstrike Resources (Petro One Energy Corp)
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Vancouver BC V6E 4M3 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: July 27, 2011
Report Date: September 27, 2011
Page: 1 of 9

CERTIFICATE OF ANALYSIS

WHI11000758.1

CLIENT JOB INFORMATION

Project: Oliver
Shipment ID:
P.O. Number
Number of Samples: 213

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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: Goldstrike Resources (Petro One Energy Corp)
1300 - 111 West Georgia Street
Vancouver BC V6E 4M3
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

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: Oliver
 Report Date: September 27, 2011

Page: 2 of 9 Part 1

CERTIFICATE OF ANALYSIS

WHI11000758.1

| Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | |
| Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1218622 | Soil | 0.8 | 22.9 | 12.6 | 52 | <0.1 | 16.6 | 5.8 | 170 | 1.88 | 8.2 | 3.5 | 3.0 | 6 | <0.1 | 0.7 | 0.2 | 25 | 0.05 | 0.035 | 21 |
| 1218623 | Soil | 0.8 | 23.1 | 8.6 | 56 | <0.1 | 22.3 | 9.1 | 284 | 2.13 | 12.2 | 8.8 | 5.9 | 7 | 0.2 | 0.8 | 0.2 | 25 | 0.07 | 0.045 | 18 |
| 1218624 | Soil | 0.8 | 34.7 | 16.1 | 67 | <0.1 | 28.4 | 10.7 | 491 | 2.52 | 10.5 | 7.3 | 7.1 | 13 | 0.2 | 0.7 | 0.2 | 26 | 0.13 | 0.052 | 28 |
| 1218625 | Soil | 0.7 | 25.9 | 9.4 | 60 | <0.1 | 22.5 | 9.7 | 412 | 2.25 | 7.9 | 1.9 | 5.4 | 10 | 0.1 | 0.6 | 0.2 | 26 | 0.10 | 0.046 | 31 |
| 1218626 | Soil | 0.8 | 28.1 | 10.5 | 60 | <0.1 | 24.6 | 9.6 | 360 | 2.42 | 9.0 | 3.1 | 2.8 | 8 | 0.1 | 0.7 | 0.2 | 30 | 0.07 | 0.034 | 29 |
| 1218627 | Soil | 0.9 | 20.4 | 9.5 | 50 | <0.1 | 18.1 | 8.4 | 308 | 2.26 | 10.0 | 3.8 | 3.4 | 7 | 0.1 | 0.7 | 0.2 | 32 | 0.06 | 0.035 | 21 |
| 1218628 | Soil | 0.7 | 23.5 | 8.2 | 51 | <0.1 | 21.0 | 7.8 | 321 | 1.92 | 11.3 | 13.4 | 4.9 | 11 | 0.1 | 0.8 | 0.1 | 25 | 0.11 | 0.050 | 20 |
| 1218629 | Soil | 0.7 | 14.6 | 8.5 | 39 | <0.1 | 13.5 | 7.2 | 249 | 1.75 | 10.7 | 1.2 | 1.1 | 6 | <0.1 | 0.6 | 0.1 | 21 | 0.07 | 0.051 | 15 |
| 1218630 | Soil | 0.7 | 16.7 | 9.6 | 63 | <0.1 | 19.6 | 10.2 | 463 | 2.20 | 12.5 | 2.2 | 3.6 | 11 | 0.2 | 0.7 | 0.1 | 29 | 0.12 | 0.069 | 15 |
| 1218631 | Soil | 0.8 | 13.8 | 8.1 | 40 | <0.1 | 14.5 | 5.5 | 192 | 1.86 | 8.3 | 3.7 | 0.8 | 7 | <0.1 | 0.5 | 0.1 | 28 | 0.06 | 0.042 | 19 |
| 1218632 | Soil | 1.0 | 10.4 | 9.5 | 44 | <0.1 | 12.4 | 5.4 | 199 | 2.24 | 9.7 | 1.7 | 1.4 | 7 | 0.1 | 0.5 | 0.2 | 36 | 0.06 | 0.051 | 15 |
| 1218633 | Soil | 0.8 | 13.2 | 8.5 | 44 | <0.1 | 13.6 | 6.2 | 191 | 2.03 | 9.7 | 1.0 | 0.5 | 8 | <0.1 | 0.5 | 0.2 | 31 | 0.07 | 0.050 | 17 |
| 1218634 | Soil | 0.7 | 30.1 | 9.4 | 63 | <0.1 | 25.9 | 12.4 | 383 | 2.57 | 10.8 | 2.1 | 8.7 | 7 | 0.2 | 0.7 | 0.2 | 23 | 0.05 | 0.030 | 39 |
| 1218635 | Soil | 0.7 | 28.0 | 9.3 | 57 | <0.1 | 23.6 | 10.1 | 359 | 2.19 | 9.8 | 3.9 | 6.1 | 8 | 0.1 | 0.7 | 0.2 | 26 | 0.06 | 0.034 | 31 |
| 1218636 | Soil | 0.8 | 18.3 | 8.8 | 49 | <0.1 | 16.3 | 8.6 | 260 | 2.01 | 9.7 | 2.5 | 2.4 | 8 | <0.1 | 0.7 | 0.1 | 29 | 0.08 | 0.050 | 14 |
| 1218637 | Soil | 0.6 | 13.1 | 9.5 | 35 | <0.1 | 12.1 | 4.1 | 128 | 1.68 | 6.4 | 1.9 | 0.9 | 7 | <0.1 | 0.5 | 0.1 | 26 | 0.05 | 0.074 | 23 |
| 1218638 | Soil | 0.6 | 23.8 | 9.6 | 56 | <0.1 | 20.5 | 7.8 | 332 | 2.04 | 12.0 | 11.5 | 5.3 | 13 | 0.1 | 0.9 | 0.1 | 27 | 0.13 | 0.046 | 25 |
| 1218639 | Soil | 0.7 | 21.7 | 9.6 | 53 | 0.1 | 18.4 | 6.6 | 285 | 2.03 | 12.4 | 3.1 | 4.5 | 11 | 0.1 | 0.7 | 0.1 | 29 | 0.12 | 0.059 | 22 |
| 1218640 | Soil | 0.9 | 13.4 | 10.8 | 49 | <0.1 | 15.5 | 6.2 | 225 | 2.23 | 12.9 | 20.5 | 0.9 | 9 | 0.1 | 0.7 | 0.2 | 37 | 0.10 | 0.050 | 15 |
| 1218641 | Soil | 1.0 | 12.3 | 11.1 | 53 | <0.1 | 13.8 | 8.6 | 377 | 2.08 | 12.3 | 12.0 | 1.0 | 8 | 0.2 | 0.8 | 0.2 | 34 | 0.08 | 0.050 | 15 |
| 1218642 | Soil | 0.8 | 20.0 | 8.7 | 55 | <0.1 | 20.2 | 8.5 | 337 | 1.96 | 13.4 | 1.7 | 2.9 | 11 | 0.2 | 0.9 | 0.2 | 27 | 0.12 | 0.067 | 17 |
| 1218643 | Soil | 0.9 | 18.8 | 9.2 | 57 | <0.1 | 16.1 | 7.6 | 230 | 2.07 | 13.0 | 18.4 | 2.9 | 8 | 0.1 | 0.8 | 0.1 | 28 | 0.08 | 0.054 | 16 |
| 1218644 | Soil | 0.8 | 12.1 | 9.8 | 42 | <0.1 | 12.5 | 5.2 | 192 | 1.69 | 9.9 | 1.0 | 2.9 | 9 | 0.1 | 0.7 | 0.1 | 21 | 0.10 | 0.076 | 12 |
| 1218645 | Soil | 0.6 | 19.7 | 12.4 | 50 | <0.1 | 18.7 | 8.0 | 278 | 1.92 | 17.9 | 3.8 | 4.2 | 7 | 0.2 | 0.8 | 0.2 | 28 | 0.07 | 0.042 | 17 |
| 1218646 | Soil | 0.6 | 19.5 | 11.4 | 51 | <0.1 | 16.8 | 7.2 | 274 | 1.82 | 15.1 | 13.4 | 2.8 | 7 | 0.2 | 0.7 | 0.2 | 27 | 0.06 | 0.038 | 19 |
| 1218647 | Soil | 0.7 | 14.2 | 7.7 | 44 | <0.1 | 12.2 | 4.1 | 136 | 1.69 | 9.7 | 21.2 | 1.4 | 9 | 0.1 | 0.6 | 0.1 | 28 | 0.10 | 0.061 | 14 |
| 1218648 | Soil | 0.6 | 22.2 | 13.0 | 54 | <0.1 | 17.9 | 8.8 | 381 | 2.00 | 23.9 | 1.4 | 4.3 | 8 | 0.2 | 1.4 | 0.2 | 19 | 0.08 | 0.042 | 21 |
| 1218649 | Soil | 0.7 | 11.8 | 8.9 | 39 | <0.1 | 11.2 | 5.1 | 190 | 1.77 | 9.7 | 1.4 | 0.6 | 7 | 0.1 | 0.6 | 0.2 | 30 | 0.08 | 0.051 | 17 |
| 1218650 | Soil | 0.6 | 18.8 | 9.7 | 48 | <0.1 | 16.4 | 6.9 | 263 | 1.91 | 8.5 | 21.6 | 4.0 | 9 | 0.2 | 0.6 | 0.2 | 22 | 0.08 | 0.045 | 25 |
| 1218651 | Soil | 0.6 | 21.7 | 8.2 | 53 | <0.1 | 17.7 | 7.3 | 244 | 1.79 | 12.5 | 1.9 | 3.2 | 10 | 0.2 | 0.6 | 0.1 | 23 | 0.12 | 0.057 | 14 |

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Project: Oliver
Report Date: September 27, 2011

Page: 2 of 9 **Part** 2

CERTIFICATE OF ANALYSIS

WHI11000758.1

| Method | Analyte | Unit | MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | | |
|---------|---------|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| | | | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| | | | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | | |
| | | | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1218622 | Soil | | | 17 | 0.29 | 91 | 0.013 | <1 | 1.05 | 0.003 | 0.03 | 0.2 | 0.04 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218623 | Soil | | | 19 | 0.35 | 109 | 0.018 | <1 | 1.11 | 0.004 | 0.05 | 0.3 | 0.04 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218624 | Soil | | | 20 | 0.40 | 316 | 0.020 | <1 | 1.11 | 0.005 | 0.05 | 0.3 | 0.04 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218625 | Soil | | | 19 | 0.42 | 291 | 0.019 | <1 | 1.19 | 0.004 | 0.03 | 0.2 | 0.05 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218626 | Soil | | | 21 | 0.41 | 222 | 0.020 | <1 | 1.29 | 0.006 | 0.04 | 0.2 | 0.04 | 2.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218627 | Soil | | | 24 | 0.33 | 118 | 0.024 | <1 | 1.24 | 0.004 | 0.04 | 0.2 | 0.04 | 1.8 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1218628 | Soil | | | 15 | 0.29 | 204 | 0.022 | <1 | 0.81 | 0.005 | 0.04 | 0.4 | 0.03 | 1.7 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218629 | Soil | | | 15 | 0.25 | 54 | 0.010 | <1 | 0.83 | 0.003 | 0.03 | 0.3 | 0.02 | 0.8 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218630 | Soil | | | 19 | 0.35 | 104 | 0.018 | <1 | 1.42 | 0.005 | 0.04 | 0.2 | 0.03 | 1.8 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1218631 | Soil | | | 18 | 0.28 | 88 | 0.015 | <1 | 1.01 | 0.004 | 0.03 | 0.2 | 0.03 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218632 | Soil | | | 21 | 0.28 | 73 | 0.019 | <1 | 1.13 | 0.005 | 0.03 | 0.2 | 0.02 | 1.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218633 | Soil | | | 19 | 0.29 | 90 | 0.013 | <1 | 1.08 | 0.004 | 0.03 | 0.2 | 0.04 | 0.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218634 | Soil | | | 19 | 0.43 | 145 | 0.015 | <1 | 1.20 | 0.004 | 0.04 | 0.2 | 0.03 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218635 | Soil | | | 18 | 0.34 | 198 | 0.023 | <1 | 1.15 | 0.005 | 0.04 | 0.2 | 0.03 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218636 | Soil | | | 19 | 0.30 | 78 | 0.022 | <1 | 1.12 | 0.004 | 0.04 | 0.2 | 0.03 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218637 | Soil | | | 17 | 0.25 | 109 | 0.013 | <1 | 1.07 | 0.004 | 0.03 | 0.1 | 0.03 | 1.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218638 | Soil | | | 17 | 0.33 | 167 | 0.028 | <1 | 1.01 | 0.005 | 0.05 | 0.3 | 0.05 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218639 | Soil | | | 19 | 0.37 | 141 | 0.028 | <1 | 1.13 | 0.006 | 0.04 | 0.2 | 0.05 | 2.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218640 | Soil | | | 23 | 0.34 | 94 | 0.020 | <1 | 1.30 | 0.006 | 0.04 | 0.2 | 0.04 | 1.2 | <0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 1218641 | Soil | | | 19 | 0.29 | 79 | 0.020 | <1 | 0.99 | 0.005 | 0.04 | 0.3 | 0.03 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218642 | Soil | | | 16 | 0.28 | 106 | 0.022 | <1 | 0.92 | 0.005 | 0.04 | 0.4 | 0.05 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218643 | Soil | | | 17 | 0.29 | 118 | 0.019 | <1 | 0.98 | 0.004 | 0.03 | 0.3 | 0.03 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218644 | Soil | | | 12 | 0.20 | 40 | 0.018 | <1 | 0.61 | 0.004 | 0.04 | 0.4 | 0.04 | 0.9 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218645 | Soil | | | 19 | 0.31 | 111 | 0.018 | <1 | 1.15 | 0.005 | 0.05 | 0.3 | 0.05 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218646 | Soil | | | 17 | 0.30 | 123 | 0.017 | <1 | 1.08 | 0.005 | 0.03 | 0.3 | 0.06 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218647 | Soil | | | 18 | 0.29 | 100 | 0.017 | <1 | 0.99 | 0.004 | 0.03 | 0.5 | 0.06 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218648 | Soil | | | 14 | 0.26 | 102 | 0.019 | <1 | 0.79 | 0.004 | 0.04 | 0.4 | 0.02 | 1.6 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218649 | Soil | | | 18 | 0.26 | 85 | 0.014 | <1 | 1.03 | 0.004 | 0.03 | 0.3 | 0.04 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218650 | Soil | | | 16 | 0.28 | 131 | 0.017 | <1 | 0.92 | 0.004 | 0.04 | 0.3 | 0.04 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218651 | Soil | | | 14 | 0.28 | 94 | 0.018 | <1 | 0.84 | 0.003 | 0.03 | 0.4 | 0.03 | 1.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |

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 Vancouver BC V6E 4M3 Canada

Project: Oliver
 Report Date: September 27, 2011

Page: 3 of 9 Part 1

CERTIFICATE OF ANALYSIS

WHI11000758.1

| Method Analyte | Unit | MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|-------------------|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| | | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1218652 | Soil | | 0.6 | 17.6 | 9.1 | 53 | <0.1 | 15.5 | 7.7 | 246 | 1.94 | 12.7 | 29.1 | 3.4 | 10 | 0.2 | 0.8 | 0.1 | 26 | 0.11 | 0.060 | 14 |
| 1218653 | Soil | | 0.7 | 17.3 | 7.8 | 59 | <0.1 | 14.8 | 7.4 | 181 | 1.76 | 12.6 | 1.3 | 2.4 | 8 | 0.2 | 0.7 | 0.1 | 25 | 0.09 | 0.056 | 14 |
| 1218654 | Soil | | 0.7 | 22.3 | 9.5 | 52 | <0.1 | 20.5 | 8.7 | 356 | 1.95 | 12.1 | 10.2 | 3.7 | 9 | 0.2 | 0.8 | 0.1 | 25 | 0.09 | 0.055 | 18 |
| 1218655 | Soil | | 0.8 | 13.9 | 24.7 | 38 | <0.1 | 13.4 | 5.8 | 174 | 1.76 | 8.8 | 2.0 | 1.1 | 7 | <0.1 | 0.5 | 0.2 | 29 | 0.06 | 0.038 | 17 |
| 1218656 | Soil | | 1.0 | 14.6 | 10.1 | 47 | <0.1 | 14.0 | 6.0 | 305 | 2.15 | 10.9 | 1.9 | 1.0 | 6 | 0.1 | 0.6 | 0.2 | 31 | 0.05 | 0.049 | 15 |
| 1218657 | Soil | | 0.7 | 15.4 | 10.4 | 52 | <0.1 | 17.1 | 7.1 | 247 | 2.12 | 9.4 | 1.4 | 2.8 | 9 | 0.1 | 0.6 | 0.1 | 28 | 0.09 | 0.049 | 18 |
| 1218658 | Soil | | 0.9 | 15.0 | 11.4 | 54 | <0.1 | 15.0 | 6.4 | 275 | 2.20 | 13.1 | 1.0 | 1.1 | 8 | 0.2 | 0.7 | 0.2 | 30 | 0.05 | 0.048 | 16 |
| 1218659 | Soil | | 0.7 | 15.4 | 11.2 | 58 | <0.1 | 17.1 | 7.2 | 293 | 2.19 | 12.2 | 0.8 | 2.3 | 9 | 0.2 | 0.9 | 0.2 | 27 | 0.08 | 0.053 | 14 |
| 1218660 | Soil | | 1.1 | 15.8 | 13.4 | 52 | <0.1 | 16.7 | 7.5 | 328 | 2.28 | 9.5 | 2.2 | 2.6 | 8 | 0.1 | 0.7 | 0.2 | 29 | 0.06 | 0.044 | 18 |
| 1218661 | Soil | | 1.0 | 13.5 | 10.5 | 50 | <0.1 | 12.9 | 6.5 | 329 | 2.15 | 12.1 | 9.1 | 1.2 | 6 | 0.3 | 0.7 | 0.2 | 29 | 0.06 | 0.051 | 12 |
| 1218662 | Soil | | 1.0 | 7.3 | 10.2 | 25 | <0.1 | 7.1 | 2.4 | 87 | 1.32 | 7.0 | 2.5 | 0.2 | 6 | <0.1 | 0.4 | 0.2 | 26 | 0.03 | 0.051 | 13 |
| 1218663 | Soil | | 0.8 | 14.6 | 10.8 | 51 | <0.1 | 14.9 | 5.4 | 212 | 2.23 | 9.5 | 12.3 | 1.3 | 7 | <0.1 | 0.6 | 0.2 | 26 | 0.05 | 0.046 | 18 |
| 1218664 | Soil | | 0.7 | 16.2 | 12.9 | 57 | <0.1 | 21.4 | 10.5 | 413 | 2.25 | 9.4 | 10.5 | 4.9 | 9 | 0.2 | 0.9 | 0.2 | 22 | 0.08 | 0.055 | 18 |
| 1218665 | Soil | | 1.2 | 12.5 | 12.2 | 59 | <0.1 | 15.0 | 6.4 | 320 | 2.53 | 11.7 | 2.0 | 1.1 | 7 | 0.1 | 0.7 | 0.2 | 32 | 0.05 | 0.053 | 16 |
| 1218666 | Soil | | 0.7 | 11.4 | 11.0 | 52 | <0.1 | 14.7 | 7.9 | 532 | 2.29 | 9.2 | 2.4 | 1.1 | 6 | <0.1 | 0.6 | 0.2 | 27 | 0.04 | 0.048 | 15 |
| 1218667 | Soil | | 1.0 | 11.7 | 10.9 | 46 | <0.1 | 14.8 | 6.7 | 312 | 2.22 | 9.4 | 5.0 | 1.0 | 10 | <0.1 | 0.5 | 0.2 | 32 | 0.06 | 0.049 | 16 |
| 1218668 | Soil | | 0.7 | 12.6 | 9.6 | 44 | <0.1 | 13.0 | 5.2 | 212 | 2.10 | 10.0 | 1.3 | 1.2 | 8 | 0.1 | 0.5 | 0.2 | 28 | 0.07 | 0.054 | 13 |
| 1218669 | Soil | | 1.0 | 14.6 | 11.2 | 56 | <0.1 | 15.7 | 8.0 | 369 | 2.44 | 10.3 | 1.6 | 1.4 | 13 | 0.1 | 0.7 | 0.2 | 27 | 0.07 | 0.058 | 19 |
| 1218670 | Soil | | 0.9 | 24.4 | 14.3 | 67 | <0.1 | 28.7 | 13.3 | 591 | 2.64 | 8.6 | 0.9 | 7.2 | 15 | 0.2 | 0.8 | 0.2 | 26 | 0.11 | 0.058 | 29 |
| 1218671 | Soil | | 0.7 | 19.5 | 12.2 | 65 | <0.1 | 19.4 | 8.1 | 354 | 2.17 | 11.4 | 5.7 | 5.2 | 12 | 0.2 | 0.8 | 0.2 | 25 | 0.14 | 0.081 | 18 |
| 1218672 | Soil | | 0.8 | 15.6 | 10.3 | 53 | <0.1 | 17.0 | 6.8 | 297 | 1.91 | 7.9 | 2.0 | 4.4 | 10 | 0.2 | 0.6 | 0.1 | 22 | 0.10 | 0.054 | 19 |
| 1218673 | Soil | | 0.8 | 12.5 | 13.9 | 48 | <0.1 | 15.2 | 9.1 | 367 | 1.98 | 7.7 | 0.9 | 1.5 | 8 | 0.2 | 0.5 | 0.2 | 22 | 0.07 | 0.057 | 17 |
| 1218674 | Soil | | 0.5 | 17.9 | 9.6 | 59 | <0.1 | 16.5 | 6.8 | 288 | 2.04 | 11.0 | 4.2 | 4.2 | 16 | 0.1 | 0.7 | 0.2 | 27 | 0.18 | 0.075 | 17 |
| 1218675 | Soil | | 1.0 | 16.1 | 13.7 | 54 | <0.1 | 17.2 | 7.1 | 309 | 2.40 | 13.3 | 6.4 | 5.3 | 7 | 0.1 | 0.9 | 0.2 | 28 | 0.06 | 0.038 | 14 |
| 1218676 | Soil | | 0.7 | 18.6 | 11.7 | 45 | <0.1 | 18.2 | 8.8 | 379 | 2.36 | 12.3 | 1.8 | 3.6 | 13 | <0.1 | 0.8 | 0.2 | 34 | 0.10 | 0.057 | 17 |
| 1218677 | Soil | | 1.1 | 17.6 | 12.1 | 57 | <0.1 | 19.0 | 8.7 | 299 | 2.38 | 12.3 | 5.0 | 5.2 | 9 | <0.1 | 1.0 | 0.2 | 34 | 0.06 | 0.034 | 17 |
| 1218678 | Soil | | 1.4 | 15.6 | 12.8 | 48 | <0.1 | 12.8 | 6.0 | 215 | 2.60 | 12.4 | 2.7 | 5.2 | 9 | 0.1 | 1.0 | 0.2 | 46 | 0.06 | 0.033 | 17 |
| 1218679 | Soil | | 1.1 | 16.8 | 11.4 | 60 | <0.1 | 19.5 | 9.2 | 296 | 2.32 | 15.4 | 6.0 | 5.8 | 8 | 0.3 | 1.1 | 0.2 | 32 | 0.04 | 0.031 | 15 |
| 1218680 | Soil | | 1.2 | 10.9 | 11.4 | 46 | <0.1 | 13.4 | 5.2 | 215 | 2.52 | 16.3 | 1.1 | 5.4 | 9 | 0.2 | 0.8 | 0.2 | 34 | 0.05 | 0.031 | 16 |
| 1218681 | Soil | | 0.9 | 16.8 | 9.9 | 46 | <0.1 | 17.4 | 7.5 | 215 | 2.43 | 12.9 | 4.2 | 5.6 | 7 | <0.1 | 0.7 | 0.2 | 23 | 0.04 | 0.029 | 19 |

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 1300 - 111 West Georgia Street
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Project: Oliver
 Report Date: September 27, 2011

Page: 3 of 9 Part 2

CERTIFICATE OF ANALYSIS

WHI11000758.1

| Method | Analyte | 1DX15 | | | | | | | | | | | | | | | |
|---------|---------|-------|------|-----|-------|-----|------|-------|------|-----|------|-----|------|-------|-----|------|------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1218652 | Soil | 16 | 0.27 | 66 | 0.018 | <1 | 0.84 | 0.003 | 0.03 | 0.6 | 0.03 | 1.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218653 | Soil | 15 | 0.26 | 123 | 0.019 | <1 | 0.90 | 0.003 | 0.03 | 0.3 | 0.03 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218654 | Soil | 16 | 0.29 | 122 | 0.019 | <1 | 0.88 | 0.004 | 0.03 | 0.4 | 0.03 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218655 | Soil | 16 | 0.26 | 78 | 0.016 | <1 | 0.95 | 0.004 | 0.05 | 0.2 | 0.03 | 0.8 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218656 | Soil | 18 | 0.27 | 58 | 0.015 | <1 | 1.02 | 0.003 | 0.04 | 0.3 | 0.03 | 0.9 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218657 | Soil | 19 | 0.31 | 92 | 0.018 | <1 | 1.10 | 0.005 | 0.04 | 0.3 | 0.03 | 1.3 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218658 | Soil | 18 | 0.30 | 106 | 0.016 | 2 | 1.11 | 0.004 | 0.04 | 0.3 | 0.04 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218659 | Soil | 17 | 0.31 | 74 | 0.018 | 1 | 1.02 | 0.003 | 0.05 | 0.3 | 0.02 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218660 | Soil | 18 | 0.30 | 90 | 0.020 | 4 | 1.12 | 0.003 | 0.08 | 0.3 | 0.04 | 1.5 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218661 | Soil | 17 | 0.29 | 79 | 0.017 | 2 | 1.06 | 0.004 | 0.04 | 0.3 | 0.05 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218662 | Soil | 13 | 0.14 | 52 | 0.005 | <1 | 0.83 | 0.003 | 0.04 | 0.2 | 0.05 | 0.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218663 | Soil | 18 | 0.28 | 91 | 0.014 | <1 | 1.06 | 0.003 | 0.05 | 0.2 | 0.03 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218664 | Soil | 18 | 0.28 | 82 | 0.017 | <1 | 0.77 | 0.003 | 0.05 | 0.4 | 0.02 | 1.6 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218665 | Soil | 21 | 0.34 | 110 | 0.016 | <1 | 1.24 | 0.004 | 0.05 | 0.3 | 0.03 | 1.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218666 | Soil | 18 | 0.29 | 73 | 0.013 | 2 | 1.06 | 0.004 | 0.05 | 0.3 | 0.03 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218667 | Soil | 23 | 0.36 | 92 | 0.018 | 2 | 1.19 | 0.004 | 0.04 | 0.2 | 0.03 | 1.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218668 | Soil | 19 | 0.29 | 70 | 0.017 | 2 | 1.13 | 0.003 | 0.04 | 0.3 | 0.03 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218669 | Soil | 19 | 0.32 | 82 | 0.015 | <1 | 1.02 | 0.003 | 0.04 | 0.3 | 0.03 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218670 | Soil | 22 | 0.39 | 284 | 0.026 | 2 | 1.07 | 0.005 | 0.07 | 0.2 | 0.04 | 2.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218671 | Soil | 18 | 0.33 | 89 | 0.021 | <1 | 1.04 | 0.004 | 0.05 | 0.3 | 0.04 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218672 | Soil | 16 | 0.31 | 124 | 0.015 | 1 | 0.90 | 0.005 | 0.05 | 0.3 | 0.04 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218673 | Soil | 15 | 0.31 | 67 | 0.012 | 1 | 0.95 | 0.005 | 0.06 | 0.2 | 0.02 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218674 | Soil | 16 | 0.36 | 112 | 0.025 | <1 | 1.07 | 0.005 | 0.04 | 0.3 | 0.03 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218675 | Soil | 17 | 0.32 | 73 | 0.017 | 3 | 1.03 | 0.004 | 0.04 | 0.3 | 0.02 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218676 | Soil | 28 | 0.40 | 214 | 0.021 | 1 | 1.32 | 0.006 | 0.05 | 0.3 | 0.05 | 4.0 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 1218677 | Soil | 20 | 0.35 | 144 | 0.020 | 1 | 1.29 | 0.005 | 0.05 | 0.2 | 0.03 | 2.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218678 | Soil | 26 | 0.38 | 161 | 0.027 | <1 | 1.71 | 0.006 | 0.04 | 0.3 | 0.05 | 3.4 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1218679 | Soil | 20 | 0.39 | 122 | 0.026 | 2 | 1.36 | 0.008 | 0.06 | 0.2 | 0.03 | 2.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218680 | Soil | 17 | 0.26 | 107 | 0.016 | <1 | 1.13 | 0.003 | 0.05 | 0.2 | 0.02 | 1.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218681 | Soil | 17 | 0.27 | 96 | 0.014 | 1 | 1.15 | 0.004 | 0.04 | 0.2 | 0.03 | 1.4 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |

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Project: Oliver
 Report Date: September 27, 2011

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CERTIFICATE OF ANALYSIS

WHI11000758.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | % | ppm |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1218682 | Soil | 0.8 | 19.9 | 10.4 | 48 | <0.1 | 21.6 | 9.5 | 285 | 2.46 | 14.5 | 2.2 | 5.1 | 9 | <0.1 | 0.6 | 0.2 | 25 | 0.07 | 0.029 | 22 |
| 1218683 | Soil | 1.3 | 19.5 | 12.2 | 54 | <0.1 | 19.4 | 8.2 | 277 | 2.75 | 15.5 | 2.9 | 6.7 | 9 | <0.1 | 0.9 | 0.2 | 41 | 0.06 | 0.027 | 18 |
| 1218684 | Soil | 0.8 | 19.2 | 11.1 | 46 | <0.1 | 17.5 | 6.6 | 189 | 2.29 | 12.9 | 4.1 | 6.4 | 8 | 0.1 | 0.7 | 0.2 | 33 | 0.05 | 0.022 | 15 |
| 1218685 | Soil | 0.9 | 25.0 | 12.0 | 59 | <0.1 | 28.3 | 15.7 | 421 | 2.90 | 12.3 | 2.7 | 13.4 | 8 | 0.1 | 0.5 | 0.3 | 20 | 0.03 | 0.022 | 39 |
| 1218686 | Soil | 0.6 | 6.2 | 9.8 | 26 | <0.1 | 7.2 | 2.6 | 117 | 1.42 | 7.4 | 1.2 | 0.3 | 9 | 0.1 | 0.3 | 0.2 | 26 | 0.07 | 0.069 | 12 |
| 1218687 | Soil | 0.7 | 21.7 | 11.1 | 46 | <0.1 | 17.9 | 6.6 | 213 | 2.32 | 8.1 | 1.7 | 5.9 | 7 | <0.1 | 0.5 | 0.2 | 19 | 0.02 | 0.026 | 33 |
| 1218688 | Soil | 0.6 | 17.9 | 9.6 | 44 | <0.1 | 13.8 | 6.3 | 244 | 1.95 | 11.3 | 1.6 | 5.4 | 6 | <0.1 | 0.7 | 0.1 | 23 | 0.04 | 0.024 | 14 |
| 1218689 | Soil | 0.8 | 26.3 | 13.4 | 57 | <0.1 | 20.4 | 9.1 | 366 | 2.17 | 8.4 | 10.3 | 8.0 | 8 | <0.1 | 0.7 | 0.2 | 25 | 0.05 | 0.023 | 29 |
| 1218690 | Soil | 0.9 | 23.9 | 10.7 | 56 | <0.1 | 18.3 | 8.1 | 307 | 2.10 | 9.2 | 1.8 | 8.0 | 10 | <0.1 | 0.8 | 0.2 | 25 | 0.05 | 0.024 | 25 |
| 1218691 | Soil | 0.9 | 17.6 | 9.5 | 46 | <0.1 | 16.4 | 5.9 | 169 | 2.09 | 12.0 | 1.2 | 6.2 | 7 | 0.1 | 0.8 | 0.2 | 26 | 0.05 | 0.024 | 18 |
| 1218692 | Soil | 0.8 | 18.3 | 17.6 | 62 | <0.1 | 20.4 | 13.5 | 640 | 2.89 | 13.1 | <0.5 | 12.5 | 9 | 0.1 | 0.3 | 0.2 | 14 | 0.03 | 0.039 | 34 |
| 1218693 | Soil | 0.7 | 14.8 | 11.1 | 40 | <0.1 | 15.0 | 5.2 | 154 | 2.11 | 9.8 | 8.8 | 5.6 | 9 | <0.1 | 0.6 | 0.2 | 25 | 0.05 | 0.021 | 17 |
| 1218694 | Soil | 0.8 | 25.3 | 9.8 | 51 | <0.1 | 26.4 | 11.0 | 338 | 2.45 | 7.4 | 2.1 | 11.3 | 10 | <0.1 | 0.4 | 0.2 | 14 | 0.09 | 0.030 | 32 |
| 1218695 | Soil | 0.7 | 19.9 | 10.4 | 45 | <0.1 | 18.7 | 7.6 | 245 | 2.02 | 7.1 | 2.6 | 6.3 | 8 | <0.1 | 0.4 | 0.2 | 17 | 0.07 | 0.029 | 27 |
| 1218696 | Soil | 0.8 | 16.5 | 12.2 | 34 | <0.1 | 12.3 | 3.8 | 107 | 1.87 | 7.4 | 1.8 | 2.6 | 8 | <0.1 | 0.3 | 0.3 | 24 | 0.06 | 0.030 | 22 |
| 1218697 | Soil | 0.7 | 15.0 | 10.4 | 43 | <0.1 | 14.9 | 7.0 | 227 | 1.99 | 6.3 | 1.6 | 5.8 | 6 | <0.1 | 0.3 | 0.2 | 16 | 0.04 | 0.030 | 28 |
| 1217401 | Soil | 0.8 | 20.2 | 9.1 | 43 | <0.1 | 15.2 | 5.6 | 183 | 1.99 | 9.2 | 4.5 | 2.1 | 6 | <0.1 | 0.5 | 0.2 | 25 | 0.06 | 0.044 | 23 |
| 1217402 | Soil | 0.7 | 26.0 | 10.9 | 49 | <0.1 | 20.6 | 9.9 | 418 | 2.14 | 11.1 | 4.8 | 4.4 | 7 | 0.1 | 0.6 | 0.2 | 26 | 0.07 | 0.045 | 24 |
| 1217403 | Soil | 0.8 | 29.4 | 11.8 | 62 | <0.1 | 24.7 | 11.1 | 588 | 2.65 | 11.1 | 1.8 | 9.8 | 7 | <0.1 | 0.6 | 0.2 | 24 | 0.05 | 0.030 | 39 |
| 1217404 | Soil | 1.2 | 38.5 | 35.8 | 79 | <0.1 | 34.4 | 15.3 | 2041 | 3.47 | 15.0 | 2.6 | 9.4 | 8 | 0.5 | 0.7 | 0.5 | 24 | 0.12 | 0.073 | 33 |
| 1217405 | Soil | 0.7 | 23.6 | 12.0 | 47 | <0.1 | 19.5 | 7.2 | 314 | 2.16 | 11.0 | 2.6 | 2.9 | 11 | <0.1 | 0.5 | 0.2 | 26 | 0.21 | 0.034 | 24 |
| 1217406 | Soil | 0.9 | 33.8 | 20.6 | 68 | 0.1 | 28.3 | 11.6 | 976 | 2.88 | 10.6 | 1.2 | 5.0 | 25 | 0.1 | 0.3 | 0.4 | 19 | 0.75 | 0.071 | 46 |
| 1217407 | Soil | 0.7 | 20.9 | 10.9 | 54 | <0.1 | 20.7 | 7.9 | 288 | 2.06 | 9.7 | 1.6 | 3.7 | 21 | <0.1 | 0.4 | 0.2 | 29 | 0.54 | 0.048 | 24 |
| 1217408 | Soil | 0.8 | 23.9 | 12.9 | 49 | <0.1 | 21.7 | 8.6 | 382 | 2.09 | 10.7 | 5.7 | 3.5 | 16 | <0.1 | 0.5 | 0.2 | 29 | 0.32 | 0.057 | 23 |
| 1217409 | Soil | 1.3 | 11.7 | 12.0 | 46 | <0.1 | 13.0 | 7.8 | 528 | 2.18 | 11.3 | 27.5 | 0.7 | 18 | <0.1 | 0.5 | 0.2 | 43 | 0.38 | 0.050 | 14 |
| 1217410 | Soil | 0.9 | 13.8 | 10.2 | 44 | <0.1 | 14.0 | 6.0 | 304 | 1.92 | 9.0 | 0.9 | 0.5 | 21 | 0.1 | 0.5 | 0.2 | 37 | 0.45 | 0.054 | 14 |
| 1217411 | Soil | 1.3 | 14.0 | 12.6 | 52 | <0.1 | 15.1 | 13.0 | 814 | 2.40 | 11.6 | 1.9 | 1.3 | 12 | 0.1 | 0.7 | 0.2 | 42 | 0.18 | 0.055 | 17 |
| 1217412 | Soil | 0.8 | 15.2 | 9.2 | 45 | <0.1 | 15.4 | 5.3 | 215 | 1.86 | 7.2 | 31.3 | 1.6 | 16 | 0.1 | 0.5 | 0.2 | 34 | 0.33 | 0.053 | 18 |
| 1217413 | Soil | 0.8 | 18.2 | 10.1 | 46 | <0.1 | 17.3 | 7.0 | 243 | 2.00 | 7.8 | 2.6 | 3.8 | 12 | <0.1 | 0.5 | 0.2 | 27 | 0.22 | 0.046 | 22 |
| 1217414 | Soil | 0.9 | 11.6 | 8.2 | 40 | <0.1 | 13.2 | 4.2 | 165 | 1.72 | 7.3 | 0.9 | 2.2 | 11 | <0.1 | 0.4 | 0.2 | 28 | 0.20 | 0.038 | 18 |

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Project: Oliver

Report Date: September 27, 2011

Page: 4 of 9 Part 2

CERTIFICATE OF ANALYSIS

WHI11000758.1

| Method Analyte Unit MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|----------------------------------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|--------|-----------|-----------|-----------|-------|
| | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Hg ppm | Sc ppm | Tl ppm | S % | Ga ppm | Se ppm | Te ppm | |
| 1218682 | Soil | 17 | 0.31 | 155 | 0.013 | <1 | 1.03 | 0.004 | 0.04 | 0.2 | 0.04 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218683 | Soil | 27 | 0.43 | 176 | 0.028 | <1 | 1.76 | 0.006 | 0.05 | 0.2 | 0.05 | 3.2 | 0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 1218684 | Soil | 22 | 0.37 | 154 | 0.029 | <1 | 1.41 | 0.006 | 0.04 | 0.3 | 0.04 | 2.1 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1218685 | Soil | 20 | 0.49 | 144 | 0.011 | <1 | 1.57 | 0.007 | 0.04 | <0.1 | 0.05 | 1.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218686 | Soil | 13 | 0.18 | 118 | 0.007 | <1 | 0.74 | 0.005 | 0.04 | 0.2 | 0.02 | 0.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218687 | Soil | 14 | 0.23 | 110 | 0.009 | <1 | 0.94 | 0.003 | 0.04 | 0.1 | 0.05 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218688 | Soil | 15 | 0.29 | 95 | 0.019 | <1 | 0.91 | 0.004 | 0.04 | 0.2 | 0.03 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218689 | Soil | 15 | 0.30 | 184 | 0.020 | <1 | 1.04 | 0.006 | 0.05 | 0.1 | 0.05 | 2.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218690 | Soil | 16 | 0.31 | 159 | 0.025 | <1 | 1.00 | 0.005 | 0.06 | 0.2 | 0.04 | 2.3 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1218691 | Soil | 16 | 0.27 | 137 | 0.018 | <1 | 0.96 | 0.003 | 0.04 | 0.2 | 0.02 | 2.0 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1218692 | Soil | 11 | 0.10 | 80 | 0.004 | <1 | 0.74 | 0.003 | 0.06 | <0.1 | 0.07 | 1.2 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218693 | Soil | 14 | 0.24 | 137 | 0.013 | <1 | 1.01 | 0.003 | 0.04 | 0.2 | 0.02 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218694 | Soil | 18 | 0.38 | 116 | 0.006 | <1 | 0.98 | 0.003 | 0.04 | 0.1 | 0.02 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218695 | Soil | 14 | 0.28 | 112 | 0.006 | <1 | 0.85 | 0.003 | 0.03 | 0.1 | 0.03 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218696 | Soil | 14 | 0.22 | 129 | 0.008 | <1 | 0.96 | 0.004 | 0.04 | 0.2 | 0.04 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218697 | Soil | 13 | 0.26 | 89 | 0.004 | <1 | 0.88 | 0.003 | 0.03 | 0.1 | 0.04 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217401 | Soil | 17 | 0.34 | 79 | 0.012 | <1 | 1.11 | 0.003 | 0.03 | 0.2 | 0.04 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217402 | Soil | 17 | 0.34 | 120 | 0.016 | <1 | 1.03 | 0.004 | 0.04 | 0.2 | 0.05 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217403 | Soil | 18 | 0.41 | 270 | 0.013 | <1 | 1.19 | 0.005 | 0.04 | 0.2 | 0.04 | 2.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217404 | Soil | 18 | 0.31 | 148 | 0.011 | <1 | 1.18 | 0.005 | 0.04 | 0.3 | 0.05 | 3.1 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1217405 | Soil | 16 | 0.28 | 136 | 0.008 | <1 | 1.04 | 0.005 | 0.03 | 0.2 | 0.04 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217406 | Soil | 17 | 0.34 | 136 | 0.005 | <1 | 1.11 | 0.008 | 0.04 | 0.1 | 0.04 | 1.6 | <0.1 | 0.08 | 3 | <0.5 | <0.2 |
| 1217407 | Soil | 18 | 0.35 | 150 | 0.013 | 1 | 1.07 | 0.006 | 0.03 | 0.3 | 0.03 | 1.7 | <0.1 | 0.07 | 3 | <0.5 | <0.2 |
| 1217408 | Soil | 19 | 0.34 | 200 | 0.015 | <1 | 1.05 | 0.006 | 0.03 | 0.3 | 0.04 | 2.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217409 | Soil | 19 | 0.31 | 147 | 0.015 | <1 | 1.04 | 0.006 | 0.03 | 0.4 | 0.03 | 1.0 | <0.1 | 0.05 | 4 | <0.5 | <0.2 |
| 1217410 | Soil | 19 | 0.29 | 171 | 0.013 | <1 | 1.08 | 0.007 | 0.03 | 0.4 | 0.03 | 0.9 | 0.1 | 0.06 | 4 | <0.5 | <0.2 |
| 1217411 | Soil | 20 | 0.27 | 102 | 0.018 | <1 | 1.02 | 0.005 | 0.04 | 0.5 | 0.03 | 1.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217412 | Soil | 19 | 0.30 | 158 | 0.018 | <1 | 0.97 | 0.005 | 0.03 | 0.6 | 0.06 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217413 | Soil | 17 | 0.33 | 126 | 0.013 | <1 | 0.99 | 0.004 | 0.03 | 0.3 | 0.03 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217414 | Soil | 15 | 0.29 | 90 | 0.014 | <1 | 0.90 | 0.003 | 0.03 | 0.3 | 0.03 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |



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Project: Oliver
 Report Date: September 27, 2011

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CERTIFICATE OF ANALYSIS

WHI11000758.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | MDL | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1217415 | Soil | 0.8 | 11.9 | 9.5 | 39 | <0.1 | 12.7 | 4.1 | 116 | 1.74 | 8.2 | 2.4 | 1.9 | 7 | <0.1 | 0.5 | 0.2 | 31 | 0.09 | 0.040 | 16 |
| 1217416 | Soil | 1.0 | 14.3 | 10.0 | 45 | <0.1 | 16.0 | 4.7 | 168 | 1.79 | 8.8 | 7.2 | 4.1 | 8 | <0.1 | 0.5 | 0.2 | 30 | 0.10 | 0.063 | 20 |
| 1217417 | Soil | 0.8 | 16.8 | 10.6 | 51 | <0.1 | 17.6 | 6.9 | 277 | 1.92 | 8.6 | 2.4 | 3.8 | 8 | 0.1 | 0.6 | 0.1 | 25 | 0.09 | 0.052 | 19 |
| 1217418 | Soil | 0.8 | 18.5 | 11.2 | 48 | <0.1 | 18.2 | 6.4 | 226 | 2.39 | 11.0 | 1.5 | 4.0 | 6 | <0.1 | 0.7 | 0.2 | 28 | 0.06 | 0.036 | 19 |
| 1217419 | Soil | 0.7 | 20.2 | 15.1 | 49 | <0.1 | 18.5 | 6.0 | 198 | 2.45 | 9.9 | 20.4 | 1.8 | 10 | 0.1 | 0.7 | 0.2 | 24 | 0.11 | 0.066 | 25 |
| 1217420 | Soil | 0.7 | 18.7 | 10.3 | 53 | <0.1 | 20.4 | 7.0 | 189 | 2.30 | 9.9 | 2.0 | 5.5 | 8 | <0.1 | 0.6 | 0.2 | 20 | 0.09 | 0.045 | 26 |
| 1217421 | Soil | 0.6 | 10.0 | 10.2 | 36 | 0.1 | 12.0 | 4.1 | 109 | 1.56 | 7.1 | 12.0 | 1.1 | 8 | <0.1 | 0.3 | 0.2 | 23 | 0.10 | 0.050 | 18 |
| 1217422 | Soil | 0.7 | 10.5 | 9.7 | 36 | <0.1 | 13.1 | 4.1 | 102 | 1.64 | 7.2 | 1.8 | 1.0 | 8 | <0.1 | 0.3 | 0.2 | 23 | 0.09 | 0.051 | 17 |
| 1217423 | Soil | 0.7 | 30.4 | 16.1 | 69 | <0.1 | 27.1 | 12.6 | 592 | 2.90 | 10.1 | 2.0 | 9.0 | 12 | 0.1 | 0.6 | 0.3 | 19 | 0.13 | 0.053 | 40 |
| 1217424 | Soil | 0.8 | 21.7 | 13.1 | 63 | <0.1 | 23.5 | 9.2 | 289 | 2.66 | 12.3 | 2.0 | 4.3 | 12 | 0.2 | 0.7 | 0.2 | 22 | 0.10 | 0.059 | 31 |
| 1217425 | Soil | 0.7 | 28.8 | 15.7 | 79 | 0.1 | 28.8 | 10.5 | 388 | 3.01 | 30.7 | 4.6 | 8.6 | 18 | 0.2 | 1.9 | 0.3 | 28 | 0.19 | 0.054 | 37 |
| 1217426 | Soil | 0.5 | 22.8 | 12.0 | 61 | <0.1 | 24.7 | 11.1 | 299 | 2.51 | 13.7 | 2.4 | 10.3 | 12 | <0.1 | 0.9 | 0.2 | 16 | 0.12 | 0.046 | 35 |
| 1217427 | Soil | 0.6 | 23.9 | 13.4 | 72 | <0.1 | 23.9 | 9.1 | 338 | 2.63 | 22.1 | 3.5 | 7.9 | 16 | 0.1 | 1.5 | 0.2 | 24 | 0.19 | 0.057 | 33 |
| 1217428 | Soil | 0.7 | 16.4 | 14.7 | 57 | <0.1 | 19.6 | 10.1 | 550 | 2.28 | 17.4 | 1.7 | 8.2 | 15 | 0.2 | 1.0 | 0.2 | 21 | 0.19 | 0.048 | 31 |
| 1217429 | Soil | 0.6 | 18.4 | 13.2 | 55 | <0.1 | 19.2 | 8.3 | 299 | 2.31 | 12.6 | 26.8 | 8.4 | 12 | 0.1 | 1.0 | 0.2 | 21 | 0.13 | 0.050 | 30 |
| 1217430 | Soil | 0.8 | 22.7 | 18.8 | 45 | 0.2 | 17.3 | 6.1 | 156 | 2.49 | 12.9 | 2.9 | 1.1 | 10 | <0.1 | 0.6 | 0.3 | 27 | 0.08 | 0.073 | 23 |
| 1217431 | Soil | 1.0 | 14.9 | 10.5 | 55 | <0.1 | 15.0 | 6.3 | 233 | 2.15 | 10.7 | 1.6 | 0.9 | 7 | 0.1 | 0.6 | 0.2 | 35 | 0.06 | 0.057 | 16 |
| 1217432 | Soil | 1.0 | 15.7 | 11.1 | 68 | <0.1 | 16.7 | 7.7 | 261 | 2.27 | 12.8 | 9.8 | 1.5 | 6 | 0.2 | 0.6 | 0.2 | 35 | 0.06 | 0.054 | 14 |
| 1217433 | Soil | 1.0 | 12.7 | 11.1 | 52 | <0.1 | 13.5 | 5.6 | 212 | 2.11 | 9.7 | 2.5 | 0.5 | 6 | 0.1 | 0.5 | 0.3 | 34 | 0.05 | 0.054 | 10 |
| 1217434 | Soil | 1.2 | 19.3 | 17.0 | 63 | 0.2 | 18.5 | 11.5 | 356 | 2.50 | 11.1 | 5.8 | 0.7 | 7 | <0.1 | 0.6 | 0.2 | 38 | 0.06 | 0.071 | 11 |
| 1217435 | Soil | 1.0 | 14.5 | 11.0 | 56 | <0.1 | 12.5 | 8.4 | 459 | 2.09 | 9.9 | 18.1 | 0.4 | 5 | 0.1 | 0.5 | 0.2 | 33 | 0.03 | 0.067 | 9 |
| 1217436 | Soil | 1.1 | 14.2 | 10.1 | 56 | <0.1 | 14.2 | 6.9 | 321 | 2.13 | 10.3 | 2.8 | 0.5 | 5 | 0.2 | 0.5 | 0.2 | 34 | 0.04 | 0.066 | 11 |
| 1217437 | Soil | 0.8 | 12.6 | 10.0 | 55 | <0.1 | 13.5 | 5.4 | 175 | 2.08 | 10.1 | 2.7 | 0.7 | 5 | 0.1 | 0.5 | 0.2 | 32 | 0.04 | 0.039 | 12 |
| 1217438 | Soil | 0.8 | 11.9 | 9.2 | 51 | <0.1 | 12.2 | 6.4 | 249 | 2.00 | 10.7 | 1.4 | 0.8 | 4 | 0.1 | 0.5 | 0.2 | 25 | 0.03 | 0.036 | 11 |
| 1217439 | Soil | 1.3 | 15.4 | 14.1 | 62 | <0.1 | 14.2 | 11.6 | 549 | 2.66 | 12.4 | 1.0 | 1.6 | 6 | 0.2 | 1.0 | 0.2 | 37 | 0.05 | 0.083 | 14 |
| 1217440 | Soil | 0.8 | 14.7 | 9.9 | 40 | <0.1 | 12.0 | 4.3 | 132 | 1.73 | 9.1 | 2.3 | 0.4 | 5 | <0.1 | 0.9 | 0.1 | 24 | 0.05 | 0.053 | 13 |
| 1218751 | Soil | 0.9 | 15.3 | 10.2 | 46 | <0.1 | 13.5 | 6.2 | 201 | 1.80 | 8.9 | 2.1 | 1.1 | 6 | 0.1 | 0.5 | 0.1 | 28 | 0.06 | 0.053 | 12 |
| 1218752 | Soil | 1.0 | 12.5 | 10.0 | 40 | <0.1 | 12.3 | 5.3 | 170 | 1.90 | 9.3 | 2.8 | 1.6 | 5 | <0.1 | 0.5 | 0.2 | 30 | 0.05 | 0.043 | 11 |
| 1218753 | Soil | 0.9 | 22.8 | 13.6 | 52 | <0.1 | 16.8 | 6.3 | 209 | 2.32 | 7.7 | 1.9 | 2.1 | 5 | <0.1 | 0.5 | 0.2 | 22 | 0.03 | 0.034 | 21 |
| 1218754 | Soil | 0.9 | 11.2 | 10.6 | 36 | <0.1 | 10.7 | 3.8 | 110 | 1.89 | 9.7 | 1.8 | 0.6 | 5 | <0.1 | 0.5 | 0.2 | 31 | 0.04 | 0.036 | 11 |

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



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Project: Oliver
 Report Date: September 27, 2011

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CERTIFICATE OF ANALYSIS

WHI11000758.1

| Method Analyte Unit MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | |
| | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | | |
| 1217415 | Soil | 19 | 0.29 | 96 | 0.020 | <1 | 1.05 | 0.005 | 0.03 | 0.2 | 0.03 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217416 | Soil | 18 | 0.30 | 90 | 0.022 | <1 | 0.95 | 0.003 | 0.03 | 0.3 | 0.03 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217417 | Soil | 16 | 0.32 | 84 | 0.018 | <1 | 0.93 | 0.004 | 0.03 | 0.2 | 0.02 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217418 | Soil | 18 | 0.33 | 67 | 0.017 | <1 | 1.03 | 0.003 | 0.04 | 0.2 | 0.02 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217419 | Soil | 19 | 0.36 | 112 | 0.009 | <1 | 1.17 | 0.005 | 0.05 | 0.2 | 0.04 | 1.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217420 | Soil | 17 | 0.38 | 74 | 0.010 | <1 | 1.02 | 0.004 | 0.05 | 0.2 | 0.03 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217421 | Soil | 15 | 0.27 | 95 | 0.009 | <1 | 0.87 | 0.004 | 0.03 | 0.3 | 0.05 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217422 | Soil | 16 | 0.28 | 89 | 0.008 | <1 | 0.92 | 0.004 | 0.03 | 0.3 | 0.05 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217423 | Soil | 17 | 0.43 | 144 | 0.010 | <1 | 1.14 | 0.005 | 0.05 | 0.2 | 0.02 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217424 | Soil | 21 | 0.41 | 148 | 0.010 | <1 | 1.16 | 0.005 | 0.05 | 0.2 | 0.03 | 1.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217425 | Soil | 24 | 0.52 | 168 | 0.019 | <1 | 1.39 | 0.008 | 0.08 | 0.3 | 0.04 | 2.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217426 | Soil | 15 | 0.31 | 80 | 0.011 | <1 | 0.83 | 0.005 | 0.05 | 0.2 | 0.03 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217427 | Soil | 20 | 0.46 | 139 | 0.019 | <1 | 1.19 | 0.007 | 0.07 | 0.3 | 0.04 | 1.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217428 | Soil | 18 | 0.39 | 130 | 0.011 | <1 | 1.04 | 0.006 | 0.05 | 0.2 | 0.03 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217429 | Soil | 18 | 0.37 | 123 | 0.013 | <1 | 1.03 | 0.005 | 0.05 | 0.2 | 0.04 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217430 | Soil | 18 | 0.30 | 186 | 0.004 | <1 | 1.24 | 0.006 | 0.05 | 0.2 | 0.05 | 1.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217431 | Soil | 21 | 0.30 | 94 | 0.017 | <1 | 1.24 | 0.004 | 0.04 | 0.2 | 0.04 | 1.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217432 | Soil | 24 | 0.33 | 117 | 0.018 | <1 | 1.45 | 0.004 | 0.04 | 0.2 | 0.04 | 1.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217433 | Soil | 20 | 0.29 | 104 | 0.010 | <1 | 1.12 | 0.003 | 0.02 | 0.2 | 0.04 | 0.6 | <0.1 | 0.06 | 4 | <0.5 | <0.2 |
| 1217434 | Soil | 34 | 0.31 | 206 | 0.010 | <1 | 1.53 | 0.005 | 0.03 | 0.2 | 0.05 | 1.2 | 0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 1217435 | Soil | 19 | 0.25 | 113 | 0.008 | <1 | 1.18 | 0.003 | 0.03 | 0.2 | 0.05 | 0.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217436 | Soil | 21 | 0.27 | 108 | 0.012 | <1 | 1.18 | 0.003 | 0.03 | 0.2 | 0.03 | 0.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217437 | Soil | 20 | 0.30 | 126 | 0.012 | <1 | 1.22 | 0.003 | 0.02 | 0.2 | 0.05 | 0.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217438 | Soil | 17 | 0.25 | 60 | 0.011 | <1 | 0.91 | 0.003 | 0.02 | 0.2 | 0.03 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217439 | Soil | 24 | 0.33 | 86 | 0.015 | <1 | 1.44 | 0.004 | 0.03 | 0.2 | 0.05 | 1.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217440 | Soil | 16 | 0.21 | 86 | 0.006 | <1 | 0.93 | 0.003 | 0.02 | 0.2 | 0.06 | 0.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218751 | Soil | 18 | 0.27 | 105 | 0.011 | <1 | 1.03 | 0.003 | 0.02 | 0.2 | 0.04 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218752 | Soil | 18 | 0.23 | 72 | 0.012 | <1 | 0.94 | 0.003 | 0.02 | 0.2 | 0.03 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218753 | Soil | 17 | 0.35 | 71 | 0.009 | <1 | 1.02 | 0.003 | 0.02 | 0.1 | 0.03 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218754 | Soil | 16 | 0.24 | 64 | 0.008 | <1 | 0.95 | 0.003 | 0.02 | 0.2 | 0.04 | 0.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |



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Project: Oliver
Report Date: September 27, 2011

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CERTIFICATE OF ANALYSIS

WHI11000758.1

| Method | Analyte | 1DX15 | | | | | | | | | | | | | | | | | | | |
|---------|---------|-------|------|------|-----|------|------|------|-----|------|------|------|-----|-----|------|-----|-----|-----|------|-------|-----|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | MDL | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1218755 | Soil | 1.0 | 10.2 | 14.3 | 35 | <0.1 | 9.8 | 3.7 | 117 | 2.03 | 9.9 | 4.1 | 1.2 | 5 | <0.1 | 0.4 | 0.1 | 32 | 0.04 | 0.045 | 11 |
| 1218756 | Soil | 0.8 | 13.1 | 8.9 | 42 | <0.1 | 13.0 | 4.7 | 134 | 1.80 | 9.3 | 4.0 | 1.0 | 5 | 0.1 | 0.5 | 0.1 | 26 | 0.06 | 0.045 | 11 |
| 1218757 | Soil | 1.3 | 15.4 | 11.9 | 50 | <0.1 | 14.5 | 7.2 | 225 | 2.46 | 12.3 | 2.6 | 3.4 | 5 | <0.1 | 0.8 | 0.2 | 43 | 0.03 | 0.022 | 11 |
| 1218758 | Soil | 1.0 | 19.8 | 14.6 | 40 | <0.1 | 13.8 | 5.4 | 136 | 2.48 | 10.6 | 1.9 | 4.1 | 5 | <0.1 | 0.6 | 0.1 | 39 | 0.04 | 0.028 | 12 |
| 1218759 | Soil | 0.7 | 15.9 | 13.6 | 41 | <0.1 | 17.1 | 6.2 | 136 | 2.19 | 9.3 | 13.4 | 4.3 | 6 | <0.1 | 0.4 | 0.4 | 33 | 0.06 | 0.024 | 17 |
| 1218760 | Soil | 0.9 | 13.5 | 11.0 | 34 | <0.1 | 10.1 | 5.4 | 180 | 1.86 | 8.3 | 2.4 | 2.2 | 5 | <0.1 | 0.4 | 0.2 | 29 | 0.04 | 0.036 | 13 |
| 1218761 | Soil | 0.9 | 9.3 | 10.1 | 33 | <0.1 | 9.8 | 3.6 | 112 | 1.63 | 8.2 | 22.4 | 0.3 | 4 | <0.1 | 0.4 | 0.1 | 26 | 0.03 | 0.033 | 10 |
| 1218762 | Soil | 0.9 | 12.1 | 12.7 | 45 | <0.1 | 12.6 | 6.5 | 230 | 2.05 | 9.4 | 3.4 | 0.6 | 13 | <0.1 | 0.4 | 0.2 | 32 | 0.20 | 0.040 | 12 |
| 1218763 | Soil | 0.8 | 14.8 | 13.1 | 57 | 0.1 | 17.1 | 8.6 | 429 | 2.03 | 6.8 | 29.7 | 1.6 | 22 | 0.1 | 0.4 | 0.2 | 23 | 0.37 | 0.062 | 16 |
| 1218764 | Soil | 0.7 | 21.1 | 10.4 | 43 | <0.1 | 17.8 | 6.6 | 190 | 1.96 | 11.8 | 2.7 | 4.0 | 6 | <0.1 | 0.6 | 0.1 | 24 | 0.07 | 0.031 | 14 |
| 1218765 | Soil | 1.0 | 21.8 | 13.5 | 55 | <0.1 | 21.7 | 7.8 | 217 | 2.45 | 9.4 | 1.4 | 4.2 | 8 | <0.1 | 0.6 | 0.2 | 28 | 0.07 | 0.033 | 19 |
| 1218766 | Soil | 0.8 | 24.0 | 11.5 | 49 | <0.1 | 21.1 | 8.4 | 227 | 2.20 | 9.1 | 1.9 | 5.9 | 7 | <0.1 | 0.6 | 0.2 | 26 | 0.05 | 0.031 | 19 |
| 1218767 | Soil | 0.8 | 30.0 | 12.7 | 56 | <0.1 | 27.7 | 11.6 | 373 | 2.64 | 8.3 | 2.2 | 9.4 | 8 | <0.1 | 0.5 | 0.2 | 22 | 0.10 | 0.040 | 30 |
| 1218768 | Soil | 0.8 | 12.0 | 9.8 | 33 | <0.1 | 13.3 | 4.9 | 188 | 1.70 | 7.3 | 15.6 | 3.3 | 6 | <0.1 | 0.4 | 0.2 | 27 | 0.06 | 0.030 | 27 |
| 1218769 | Soil | 0.8 | 15.2 | 11.4 | 43 | <0.1 | 17.2 | 6.8 | 197 | 2.28 | 9.9 | 1.1 | 5.5 | 5 | <0.1 | 0.5 | 0.1 | 28 | 0.04 | 0.033 | 14 |
| 1218770 | Soil | 0.8 | 16.7 | 12.6 | 43 | <0.1 | 17.6 | 5.9 | 142 | 2.25 | 7.6 | 0.8 | 5.3 | 6 | <0.1 | 0.4 | 0.2 | 24 | 0.06 | 0.029 | 19 |
| 1218771 | Soil | 1.0 | 15.1 | 10.2 | 40 | <0.1 | 13.0 | 5.6 | 138 | 2.08 | 10.0 | 2.0 | 3.6 | 6 | <0.1 | 0.5 | 0.1 | 39 | 0.04 | 0.021 | 12 |
| 1218772 | Soil | 0.8 | 12.1 | 8.7 | 40 | <0.1 | 14.7 | 5.4 | 122 | 1.91 | 7.5 | 1.1 | 4.0 | 4 | <0.1 | 0.4 | 0.1 | 26 | 0.03 | 0.019 | 15 |
| 1218773 | Soil | 0.9 | 28.3 | 10.8 | 48 | <0.1 | 17.4 | 7.2 | 202 | 2.23 | 10.8 | 3.2 | 6.1 | 6 | <0.1 | 0.7 | 0.2 | 35 | 0.04 | 0.017 | 21 |
| 1218774 | Soil | 1.0 | 11.7 | 10.6 | 40 | 0.1 | 15.9 | 7.2 | 141 | 2.27 | 13.2 | 2.1 | 3.8 | 4 | <0.1 | 0.6 | 0.1 | 34 | 0.03 | 0.027 | 10 |
| 1218775 | Soil | 0.9 | 28.9 | 9.4 | 49 | <0.1 | 23.0 | 8.9 | 183 | 2.47 | 8.7 | 0.9 | 8.1 | 5 | <0.1 | 0.5 | 0.2 | 28 | 0.05 | 0.031 | 15 |
| 1218776 | Soil | 0.9 | 14.3 | 10.5 | 37 | <0.1 | 12.6 | 4.9 | 109 | 1.97 | 10.9 | 2.1 | 4.4 | 5 | <0.1 | 0.6 | 0.1 | 33 | 0.04 | 0.023 | 12 |
| 1218777 | Soil | 0.8 | 13.6 | 9.3 | 40 | <0.1 | 14.9 | 5.3 | 147 | 1.87 | 11.1 | 2.0 | 4.2 | 4 | <0.1 | 0.6 | 0.1 | 28 | 0.03 | 0.032 | 10 |
| 1218778 | Soil | 0.7 | 21.7 | 10.4 | 69 | <0.1 | 25.9 | 10.0 | 240 | 3.18 | 10.6 | 0.9 | 8.6 | 5 | <0.1 | 0.4 | 0.2 | 21 | 0.04 | 0.046 | 32 |
| 1218779 | Soil | 0.9 | 7.5 | 10.0 | 34 | <0.1 | 11.1 | 4.1 | 166 | 2.14 | 8.9 | 4.2 | 2.8 | 5 | <0.1 | 0.4 | 0.2 | 38 | 0.06 | 0.040 | 9 |
| 1218780 | Soil | 0.8 | 10.5 | 9.5 | 32 | <0.1 | 11.2 | 4.4 | 123 | 1.49 | 7.1 | 7.8 | 2.3 | 8 | <0.1 | 0.3 | 0.2 | 25 | 0.09 | 0.031 | 11 |
| 1217441 | Soil | 0.9 | 23.2 | 9.2 | 49 | <0.1 | 16.0 | 7.3 | 221 | 2.02 | 10.0 | 2.1 | 1.4 | 6 | <0.1 | 0.8 | 0.2 | 28 | 0.06 | 0.044 | 13 |
| 1217442 | Soil | 0.9 | 10.2 | 8.7 | 32 | <0.1 | 8.8 | 3.5 | 108 | 1.57 | 7.8 | 2.4 | 0.3 | 5 | <0.1 | 0.4 | 0.2 | 29 | 0.04 | 0.042 | 10 |
| 1217443 | Soil | 0.9 | 14.5 | 12.2 | 45 | <0.1 | 13.3 | 5.5 | 204 | 2.51 | 14.5 | 3.2 | 2.6 | 4 | <0.1 | 0.7 | 0.2 | 29 | 0.03 | 0.032 | 8 |
| 1217444 | Soil | 1.0 | 19.6 | 11.6 | 45 | <0.1 | 14.6 | 6.9 | 200 | 2.26 | 17.9 | 3.3 | 0.6 | 5 | 0.1 | 0.6 | 0.2 | 39 | 0.04 | 0.036 | 12 |



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Project: Oliver
 Report Date: September 27, 2011

Page: 6 of 9 Part 2

CERTIFICATE OF ANALYSIS

WHI11000758.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1218755 | Soil | 18 | 0.25 | 59 | 0.013 | <1 | 0.95 | 0.003 | 0.02 | 0.2 | 0.04 | 0.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218756 | Soil | 17 | 0.26 | 71 | 0.010 | <1 | 0.94 | 0.003 | 0.03 | 0.2 | 0.03 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218757 | Soil | 24 | 0.31 | 130 | 0.023 | <1 | 1.35 | 0.004 | 0.02 | 0.2 | 0.05 | 2.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218758 | Soil | 23 | 0.32 | 110 | 0.019 | <1 | 1.34 | 0.004 | 0.03 | 0.2 | 0.04 | 2.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218759 | Soil | 16 | 0.28 | 138 | 0.014 | <1 | 1.28 | 0.004 | 0.03 | 0.2 | 0.03 | 1.6 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218760 | Soil | 17 | 0.22 | 83 | 0.012 | <1 | 1.02 | 0.004 | 0.02 | 0.2 | 0.03 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218761 | Soil | 14 | 0.21 | 51 | 0.007 | <1 | 0.80 | 0.003 | 0.02 | 0.3 | 0.03 | 0.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218762 | Soil | 17 | 0.27 | 117 | 0.008 | <1 | 1.05 | 0.005 | 0.03 | 0.2 | 0.04 | 0.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218763 | Soil | 16 | 0.26 | 155 | 0.006 | <1 | 0.95 | 0.005 | 0.02 | 0.3 | 0.06 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218764 | Soil | 15 | 0.30 | 86 | 0.013 | <1 | 0.92 | 0.003 | 0.03 | 0.2 | 0.04 | 1.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218765 | Soil | 16 | 0.30 | 85 | 0.011 | <1 | 0.90 | 0.003 | 0.03 | 0.2 | 0.02 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218766 | Soil | 16 | 0.31 | 92 | 0.012 | <1 | 0.91 | 0.003 | 0.02 | 0.2 | 0.04 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218767 | Soil | 17 | 0.35 | 92 | 0.009 | <1 | 1.00 | 0.003 | 0.03 | 0.2 | 0.02 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218768 | Soil | 13 | 0.21 | 98 | 0.011 | <1 | 0.71 | 0.004 | 0.03 | 0.3 | 0.02 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218769 | Soil | 18 | 0.31 | 74 | 0.010 | <1 | 1.02 | 0.003 | 0.03 | 0.2 | 0.02 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218770 | Soil | 17 | 0.30 | 65 | 0.010 | <1 | 0.86 | 0.003 | 0.02 | 0.2 | 0.02 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218771 | Soil | 21 | 0.28 | 135 | 0.014 | <1 | 1.30 | 0.004 | 0.02 | 0.2 | 0.03 | 1.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218772 | Soil | 16 | 0.30 | 101 | 0.009 | <1 | 1.01 | 0.004 | 0.02 | 0.2 | 0.02 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218773 | Soil | 20 | 0.33 | 123 | 0.020 | <1 | 1.21 | 0.004 | 0.02 | 0.2 | 0.05 | 2.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218774 | Soil | 19 | 0.28 | 113 | 0.014 | <1 | 1.35 | 0.003 | 0.03 | 0.2 | 0.04 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218775 | Soil | 21 | 0.38 | 92 | 0.012 | <1 | 1.32 | 0.003 | 0.02 | 0.1 | 0.02 | 1.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218776 | Soil | 19 | 0.29 | 101 | 0.017 | <1 | 1.22 | 0.004 | 0.02 | 0.2 | 0.05 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218777 | Soil | 16 | 0.24 | 112 | 0.013 | <1 | 0.99 | 0.003 | 0.02 | 0.2 | 0.05 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218778 | Soil | 19 | 0.39 | 96 | 0.002 | <1 | 1.28 | 0.003 | 0.02 | <0.1 | 0.02 | 1.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218779 | Soil | 15 | 0.17 | 113 | 0.009 | 1 | 0.90 | 0.003 | 0.02 | 0.2 | <0.01 | 0.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218780 | Soil | 14 | 0.22 | 144 | 0.010 | 2 | 0.78 | 0.003 | 0.03 | 0.3 | 0.02 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217441 | Soil | 19 | 0.30 | 103 | 0.012 | <1 | 1.11 | 0.003 | 0.02 | 0.2 | 0.04 | 1.4 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1217442 | Soil | 17 | 0.22 | 62 | 0.007 | 1 | 0.88 | 0.003 | 0.02 | 0.2 | 0.04 | 0.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217443 | Soil | 18 | 0.28 | 58 | 0.014 | <1 | 0.90 | 0.003 | 0.02 | 0.2 | 0.02 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217444 | Soil | 21 | 0.29 | 87 | 0.014 | <1 | 1.13 | 0.004 | 0.03 | 0.2 | 0.03 | 1.1 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |

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Project: Oliver
Report Date: September 27, 2011

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CERTIFICATE OF ANALYSIS

WHI11000758.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | MDL | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1217445 | Soil | 1.2 | 11.7 | 9.5 | 41 | <0.1 | 12.0 | 4.9 | 162 | 1.94 | 9.5 | 3.6 | 1.2 | 5 | 0.1 | 0.5 | 0.2 | 31 | 0.06 | 0.052 | 10 |
| 1217446 | Soil | 0.9 | 12.7 | 8.6 | 46 | <0.1 | 10.9 | 4.2 | 130 | 2.06 | 10.0 | 3.0 | 1.0 | 6 | <0.1 | 0.5 | 0.1 | 33 | 0.06 | 0.058 | 10 |
| 1217447 | Soil | 0.9 | 15.9 | 8.2 | 47 | <0.1 | 15.5 | 6.1 | 214 | 2.11 | 10.3 | 7.9 | 1.2 | 6 | 0.2 | 0.7 | 0.1 | 29 | 0.05 | 0.042 | 10 |
| 1217448 | Soil | 0.9 | 11.7 | 9.6 | 30 | <0.1 | 10.0 | 3.4 | 91 | 1.73 | 8.9 | 3.2 | 0.2 | 5 | <0.1 | 0.3 | 0.2 | 32 | 0.05 | 0.069 | 12 |
| 1217449 | Soil | 1.0 | 16.6 | 9.2 | 48 | <0.1 | 14.6 | 5.4 | 155 | 1.93 | 8.3 | 2.2 | 1.9 | 4 | 0.1 | 0.5 | 0.1 | 29 | 0.04 | 0.033 | 11 |
| 1217450 | Soil | 1.0 | 10.7 | 7.5 | 49 | <0.1 | 12.8 | 4.8 | 133 | 1.99 | 10.1 | 1.9 | 1.4 | 5 | <0.1 | 0.5 | 0.1 | 30 | 0.05 | 0.039 | 9 |
| 1218781 | Soil | 0.8 | 15.4 | 9.2 | 43 | <0.1 | 14.7 | 6.0 | 145 | 2.01 | 10.2 | 11.2 | 3.7 | 8 | <0.1 | 0.4 | 0.2 | 30 | 0.11 | 0.035 | 13 |
| 1218782 | Soil | 0.8 | 8.9 | 9.4 | 31 | <0.1 | 8.9 | 3.4 | 87 | 1.84 | 10.2 | 0.9 | 1.4 | 7 | <0.1 | 0.3 | 0.2 | 32 | 0.09 | 0.044 | 10 |
| 1218783 | Soil | 0.8 | 14.6 | 10.8 | 31 | <0.1 | 11.7 | 4.5 | 109 | 1.64 | 7.1 | 30.5 | 2.0 | 4 | <0.1 | 0.3 | 0.2 | 26 | 0.04 | 0.025 | 15 |
| 1218784 | Soil | 0.7 | 43.5 | 10.7 | 48 | <0.1 | 18.1 | 8.1 | 275 | 1.89 | 6.5 | 1.8 | 4.7 | 6 | <0.1 | 0.4 | 0.2 | 26 | 0.05 | 0.028 | 21 |
| 1218785 | Soil | 0.7 | 26.6 | 10.8 | 48 | <0.1 | 16.8 | 7.8 | 234 | 2.11 | 4.5 | <0.5 | 6.5 | 6 | <0.1 | 0.3 | 0.2 | 21 | 0.03 | 0.023 | 24 |
| 1218786 | Soil | 0.7 | 17.4 | 12.6 | 48 | <0.1 | 16.1 | 6.6 | 135 | 2.16 | 5.5 | <0.5 | 7.2 | 5 | <0.1 | 0.2 | 0.2 | 19 | 0.03 | 0.020 | 28 |
| 1218787 | Soil | 0.7 | 17.3 | 11.3 | 46 | <0.1 | 14.8 | 5.8 | 168 | 1.98 | 5.9 | 1.4 | 1.2 | 5 | <0.1 | 0.3 | 0.2 | 20 | 0.04 | 0.032 | 21 |
| 1218788 | Soil | 0.8 | 19.9 | 10.3 | 41 | <0.1 | 14.2 | 6.4 | 182 | 2.04 | 8.4 | 2.7 | 5.5 | 4 | <0.1 | 0.5 | 0.2 | 31 | 0.03 | 0.015 | 15 |
| 1218789 | Soil | 0.4 | 39.2 | 25.3 | 74 | <0.1 | 35.9 | 18.5 | 786 | 2.48 | 1.6 | <0.5 | 15.8 | 7 | <0.1 | 0.2 | 0.6 | 20 | 0.05 | 0.029 | 50 |
| 1218790 | Soil | 1.0 | 12.5 | 10.3 | 38 | <0.1 | 11.7 | 4.7 | 126 | 2.08 | 10.0 | 5.2 | 3.4 | 8 | <0.1 | 0.4 | 0.2 | 35 | 0.07 | 0.018 | 13 |
| 1217341 | Soil | 0.4 | 19.0 | 13.1 | 57 | <0.1 | 19.6 | 7.9 | 354 | 2.04 | 18.9 | 0.7 | 6.0 | 41 | <0.1 | 0.4 | 0.2 | 12 | 0.71 | 0.042 | 25 |
| 1217343 | Soil | 0.5 | 17.3 | 9.3 | 48 | <0.1 | 17.2 | 6.0 | 187 | 1.83 | 10.5 | 4.7 | 6.0 | 20 | <0.1 | 0.9 | 0.1 | 14 | 0.26 | 0.049 | 19 |
| 1217344 | Soil | 0.5 | 22.6 | 12.9 | 53 | <0.1 | 21.9 | 9.4 | 344 | 2.33 | 16.9 | 3.4 | 7.0 | 41 | 0.1 | 0.5 | 0.2 | 13 | 0.53 | 0.041 | 28 |
| 1217345 | Soil | 0.7 | 17.2 | 10.0 | 49 | <0.1 | 16.4 | 6.8 | 257 | 1.85 | 17.2 | 4.5 | 4.7 | 28 | 0.2 | 0.6 | 0.1 | 18 | 0.36 | 0.051 | 17 |
| 1217346 | Soil | 0.6 | 19.3 | 13.7 | 53 | 0.1 | 18.9 | 8.5 | 242 | 1.98 | 9.8 | 2.7 | 7.4 | 20 | 0.1 | 0.5 | 0.1 | 15 | 0.28 | 0.043 | 26 |
| 1218791 | Soil | 0.8 | 10.2 | 7.2 | 46 | <0.1 | 14.9 | 6.1 | 204 | 1.80 | 9.1 | 1.7 | 3.3 | 5 | <0.1 | 0.5 | 0.2 | 18 | 0.04 | 0.035 | 12 |
| 1217021 | Soil | 1.4 | 49.7 | 18.0 | 86 | 0.1 | 46.4 | 22.3 | 416 | 4.57 | 20.1 | 1.0 | 16.6 | 34 | 0.1 | 0.5 | 0.4 | 17 | 0.19 | 0.042 | 25 |
| 1217022 | Soil | 0.9 | 34.4 | 14.1 | 78 | <0.1 | 37.0 | 17.8 | 432 | 3.54 | 11.0 | 0.7 | 12.4 | 14 | 0.1 | 0.5 | 0.2 | 12 | 0.10 | 0.025 | 25 |
| 1217023 | Soil | 1.6 | 46.1 | 30.9 | 82 | <0.1 | 49.0 | 23.0 | 688 | 4.01 | 5.8 | 2.7 | 13.1 | 21 | 0.1 | 0.3 | 0.4 | 9 | 0.05 | 0.026 | 25 |
| 1217024 | Soil | 0.9 | 23.7 | 9.0 | 46 | <0.1 | 21.7 | 9.4 | 206 | 2.42 | 14.3 | 4.6 | 8.1 | 10 | <0.1 | 0.7 | 0.2 | 20 | 0.11 | 0.026 | 19 |
| 1217025 | Soil | 1.2 | 37.9 | 11.6 | 76 | <0.1 | 40.4 | 20.3 | 349 | 3.56 | 11.6 | 2.4 | 11.6 | 16 | 0.2 | 0.8 | 0.3 | 19 | 0.20 | 0.049 | 20 |
| 1217026 | Soil | 0.9 | 28.9 | 14.2 | 57 | <0.1 | 24.8 | 9.6 | 334 | 2.58 | 36.6 | 4.1 | 8.9 | 14 | <0.1 | 1.8 | 0.2 | 22 | 0.23 | 0.044 | 20 |
| 1217029 | Soil | 1.6 | 32.9 | 8.8 | 90 | <0.1 | 26.2 | 8.2 | 295 | 2.13 | 10.3 | 0.9 | 3.4 | 21 | 0.3 | 1.1 | 0.1 | 36 | 0.22 | 0.064 | 12 |
| 1217030 | Soil | 0.9 | 14.2 | 7.7 | 35 | <0.1 | 13.7 | 5.3 | 115 | 2.07 | 11.5 | 1.4 | 2.7 | 5 | <0.1 | 0.6 | 0.1 | 31 | 0.04 | 0.015 | 9 |

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 Report Date: September 27, 2011

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CERTIFICATE OF ANALYSIS

WHI11000758.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1217445 | Soil | 18 | 0.26 | 62 | 0.012 | <1 | 0.92 | 0.003 | 0.02 | 0.3 | 0.03 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217446 | Soil | 21 | 0.29 | 97 | 0.012 | <1 | 1.21 | 0.003 | 0.02 | 0.2 | 0.04 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217447 | Soil | 18 | 0.28 | 58 | 0.015 | <1 | 0.88 | 0.003 | 0.03 | 0.3 | 0.03 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217448 | Soil | 19 | 0.23 | 67 | 0.008 | <1 | 1.01 | 0.003 | 0.02 | 0.1 | 0.03 | 0.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217449 | Soil | 19 | 0.29 | 72 | 0.011 | <1 | 1.00 | 0.003 | 0.02 | 0.2 | 0.02 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217450 | Soil | 17 | 0.30 | 74 | 0.013 | <1 | 0.92 | 0.003 | 0.02 | 0.2 | 0.02 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218781 | Soil | 17 | 0.29 | 134 | 0.012 | <1 | 1.00 | 0.003 | 0.03 | 0.2 | 0.02 | 1.5 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218782 | Soil | 17 | 0.24 | 93 | 0.011 | <1 | 0.93 | 0.004 | 0.02 | 0.2 | 0.02 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218783 | Soil | 15 | 0.22 | 91 | 0.008 | <1 | 0.82 | 0.003 | 0.02 | 0.2 | 0.04 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218784 | Soil | 17 | 0.35 | 115 | 0.014 | <1 | 0.93 | 0.003 | 0.02 | 0.2 | 0.05 | 2.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218785 | Soil | 13 | 0.27 | 92 | 0.008 | <1 | 0.80 | 0.003 | 0.03 | 0.1 | 0.14 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218786 | Soil | 16 | 0.30 | 79 | 0.005 | <1 | 0.99 | 0.003 | 0.02 | <0.1 | 0.07 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218787 | Soil | 14 | 0.26 | 92 | 0.006 | <1 | 0.85 | 0.003 | 0.03 | 0.1 | 0.03 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218788 | Soil | 18 | 0.31 | 99 | 0.013 | <1 | 1.05 | 0.003 | 0.02 | 0.2 | 0.03 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218789 | Soil | 18 | 0.65 | 61 | 0.025 | <1 | 0.90 | 0.002 | 0.02 | <0.1 | 0.06 | 2.3 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1218790 | Soil | 18 | 0.26 | 165 | 0.010 | <1 | 1.09 | 0.003 | 0.03 | 0.1 | 0.07 | 1.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217341 | Soil | 10 | 0.22 | 119 | 0.004 | 1 | 0.58 | 0.003 | 0.06 | 0.2 | 0.07 | 1.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217343 | Soil | 10 | 0.20 | 100 | 0.006 | 2 | 0.52 | 0.004 | 0.05 | 0.2 | 0.06 | 1.5 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217344 | Soil | 12 | 0.29 | 123 | 0.004 | 2 | 0.69 | 0.004 | 0.06 | 0.2 | 0.10 | 1.6 | <0.1 | <0.05 | 2 | 0.5 | <0.2 |
| 1217345 | Soil | 13 | 0.26 | 144 | 0.009 | <1 | 0.61 | 0.004 | 0.04 | 0.2 | 0.07 | 1.9 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217346 | Soil | 13 | 0.23 | 111 | 0.005 | 1 | 0.63 | 0.004 | 0.06 | 0.1 | 0.13 | 2.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218791 | Soil | 11 | 0.17 | 64 | 0.007 | <1 | 0.59 | 0.002 | 0.02 | 0.2 | 0.06 | 1.5 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217021 | Soil | 16 | 0.37 | 90 | 0.002 | 1 | 1.11 | 0.007 | 0.07 | <0.1 | 0.07 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217022 | Soil | 11 | 0.13 | 131 | 0.002 | <1 | 0.65 | 0.005 | 0.04 | 0.2 | 0.20 | 1.6 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217023 | Soil | 7 | 0.04 | 84 | <0.001 | <1 | 0.21 | 0.004 | 0.03 | <0.1 | 0.46 | 1.7 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| 1217024 | Soil | 15 | 0.26 | 159 | 0.009 | <1 | 0.84 | 0.004 | 0.03 | 0.2 | 0.04 | 1.5 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217025 | Soil | 16 | 0.29 | 138 | 0.012 | 1 | 0.79 | 0.006 | 0.08 | 0.2 | 0.08 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217026 | Soil | 19 | 0.31 | 120 | 0.014 | <1 | 0.84 | 0.005 | 0.06 | 0.4 | 0.03 | 2.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217029 | Soil | 19 | 0.33 | 293 | 0.019 | 1 | 0.83 | 0.005 | 0.04 | 0.1 | 0.03 | 2.6 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1217030 | Soil | 16 | 0.25 | 137 | 0.014 | <1 | 0.97 | 0.003 | 0.02 | 0.2 | 0.02 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |



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Project: Oliver

Report Date: September 27, 2011

Page: 8 of 9 Part 1

CERTIFICATE OF ANALYSIS

WHI11000758.1

| 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 | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | |
| | | | | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | | | |
| | | | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1217031 | Soil | | | 0.2 | 17.4 | 12.6 | 36 | <0.1 | 12.6 | 7.6 | 299 | 1.89 | 2.4 | 1.3 | 5.1 | 3 | <0.1 | <0.1 | 0.2 | 8 | 0.02 | 0.016 | 15 | |
| 1217032 | Soil | | | 0.4 | 30.4 | 4.7 | 63 | <0.1 | 30.0 | 12.3 | 452 | 3.16 | 5.7 | 0.8 | 17.0 | 8 | <0.1 | 0.1 | 0.3 | 5 | 0.10 | 0.055 | 51 | |
| 1217033 | Soil | | | 0.7 | 22.4 | 13.2 | 58 | <0.1 | 22.3 | 10.8 | 378 | 2.36 | 6.2 | 4.7 | 10.6 | 6 | <0.1 | 0.4 | 0.2 | 11 | 0.04 | 0.023 | 23 | |
| 1217034 | Soil | | | 1.1 | 30.7 | 14.7 | 74 | <0.1 | 35.0 | 15.7 | 498 | 2.86 | 6.4 | 1.8 | 14.2 | 11 | <0.1 | 0.4 | 0.2 | 13 | 0.10 | 0.041 | 41 | |
| 1217035 | Soil | | | 0.6 | 24.4 | 11.9 | 51 | <0.1 | 19.8 | 8.4 | 313 | 2.04 | 8.7 | 1.6 | 7.0 | 6 | <0.1 | 0.6 | 0.2 | 21 | 0.04 | 0.026 | 23 | |
| 1217036 | Soil | | | 0.9 | 26.9 | 20.7 | 57 | <0.1 | 24.1 | 10.7 | 297 | 2.58 | 7.5 | 2.4 | 11.9 | 7 | <0.1 | 0.4 | 0.2 | 15 | 0.03 | 0.016 | 27 | |
| 1217037 | Soil | | | 0.8 | 37.9 | 16.8 | 83 | <0.1 | 38.6 | 18.4 | 643 | 3.63 | 8.2 | 0.7 | 14.1 | 18 | <0.1 | 0.7 | 0.3 | 23 | 0.15 | 0.062 | 43 | |
| 1217038 | Soil | | | 0.7 | 25.6 | 14.6 | 53 | <0.1 | 21.2 | 9.7 | 389 | 2.32 | 8.4 | 2.3 | 4.5 | 7 | <0.1 | 0.6 | 0.2 | 20 | 0.06 | 0.035 | 27 | |
| 1217039 | Soil | | | 0.6 | 29.0 | 15.5 | 58 | <0.1 | 22.0 | 10.9 | 353 | 2.35 | 8.2 | 1.8 | 8.8 | 7 | <0.1 | 0.5 | 0.2 | 20 | 0.04 | 0.025 | 26 | |
| 1217040 | Soil | | | 0.7 | 29.2 | 14.4 | 57 | <0.1 | 20.6 | 9.8 | 234 | 2.45 | 7.0 | 1.4 | 10.6 | 6 | <0.1 | 0.6 | 0.2 | 17 | 0.03 | 0.019 | 34 | |
| 1217041 | Soil | | | 0.5 | 21.5 | 15.7 | 53 | <0.1 | 17.2 | 6.9 | 189 | 2.42 | 14.1 | 1.8 | 11.6 | 5 | <0.1 | 0.4 | 0.2 | 10 | 0.01 | 0.017 | 39 | |
| 1217042 | Soil | | | 0.6 | 27.6 | 16.1 | 54 | <0.1 | 21.2 | 9.1 | 340 | 2.15 | 19.6 | 2.4 | 8.8 | 5 | <0.1 | 0.7 | 0.2 | 13 | 0.03 | 0.022 | 21 | |
| 1217043 | Soil | | | 0.7 | 19.2 | 9.8 | 43 | <0.1 | 16.9 | 6.2 | 142 | 1.94 | 10.6 | 2.9 | 5.4 | 5 | <0.1 | 0.7 | 0.2 | 23 | 0.03 | 0.016 | 16 | |
| 1217044 | Soil | | | 0.5 | 20.9 | 12.2 | 48 | <0.1 | 19.7 | 7.8 | 184 | 2.35 | 16.8 | 3.2 | 8.6 | 5 | <0.1 | 0.7 | 0.1 | 17 | 0.03 | 0.020 | 19 | |
| 1217045 | Soil | | | 0.8 | 22.1 | 9.8 | 46 | <0.1 | 19.8 | 8.1 | 284 | 1.96 | 18.4 | 1.9 | 6.4 | 7 | <0.1 | 0.7 | 0.2 | 16 | 0.06 | 0.036 | 16 | |
| 1217046 | Soil | | | 0.8 | 14.6 | 10.2 | 39 | <0.1 | 16.6 | 7.2 | 173 | 1.94 | 13.4 | 4.1 | 3.4 | 4 | <0.1 | 0.7 | 0.1 | 22 | 0.04 | 0.019 | 8 | |
| 1217047 | Soil | | | 0.2 | 19.2 | 21.0 | 50 | <0.1 | 15.6 | 8.0 | 260 | 1.90 | <0.5 | <0.5 | 15.7 | 9 | <0.1 | 0.1 | 0.2 | 4 | 0.04 | 0.017 | 58 | |
| 1217048 | Soil | | | 0.9 | 8.1 | 7.8 | 46 | <0.1 | 14.0 | 5.4 | 199 | 2.20 | 6.9 | 1.0 | 3.4 | 8 | <0.1 | 0.4 | 0.2 | 34 | 0.06 | 0.032 | 12 | |
| 1217049 | Soil | | | 0.7 | 20.1 | 10.3 | 37 | <0.1 | 20.7 | 7.6 | 136 | 2.08 | 10.7 | 6.3 | 5.3 | 6 | <0.1 | 0.6 | 0.2 | 33 | 0.04 | 0.017 | 8 | |
| 1217050 | Soil | | | 0.5 | 33.2 | 12.5 | 78 | <0.1 | 39.5 | 17.8 | 643 | 3.43 | 10.7 | 1.4 | 13.0 | 8 | <0.1 | 0.4 | 0.2 | 10 | 0.02 | 0.016 | 29 | |
| 1217051 | Soil | | | 0.4 | 35.7 | 5.3 | 55 | <0.1 | 27.4 | 11.8 | 312 | 2.92 | 6.8 | 1.4 | 10.2 | 7 | <0.1 | 0.4 | 0.2 | 14 | 0.06 | 0.035 | 26 | |
| 1217052 | Soil | | | 0.4 | 45.6 | 8.8 | 76 | <0.1 | 38.8 | 18.8 | 547 | 3.46 | 16.5 | 1.3 | 16.5 | 8 | <0.1 | 0.3 | 0.2 | 11 | 0.08 | 0.048 | 52 | |
| 1217053 | Soil | | | 0.6 | 14.7 | 6.8 | 40 | <0.1 | 15.8 | 7.9 | 344 | 1.56 | 12.9 | 1.6 | 3.9 | 9 | 0.1 | 0.8 | 0.1 | 15 | 0.10 | 0.057 | 9 | |
| 1217054 | Soil | | | 1.0 | 18.9 | 9.2 | 47 | <0.1 | 19.8 | 6.8 | 143 | 2.00 | 15.9 | 2.1 | 3.4 | 5 | <0.1 | 0.9 | 0.1 | 23 | 0.04 | 0.031 | 8 | |
| 1217055 | Soil | | | 0.9 | 25.9 | 10.5 | 54 | <0.1 | 21.6 | 8.8 | 253 | 2.26 | 16.1 | 5.5 | 5.1 | 7 | <0.1 | 1.1 | 0.2 | 24 | 0.04 | 0.018 | 15 | |
| 1217056 | Soil | | | 1.1 | 13.2 | 10.8 | 37 | <0.1 | 13.4 | 5.8 | 168 | 2.12 | 14.4 | 1.7 | 3.8 | 4 | <0.1 | 0.7 | 0.2 | 31 | 0.03 | 0.019 | 8 | |
| 1217057 | Soil | | | 0.6 | 20.6 | 6.7 | 38 | <0.1 | 15.8 | 5.7 | 232 | 1.38 | 13.4 | 2.0 | 3.4 | 9 | <0.1 | 0.8 | 0.1 | 15 | 0.10 | 0.046 | 11 | |
| 1217058 | Soil | | | 1.1 | 8.7 | 8.7 | 39 | <0.1 | 11.3 | 4.4 | 150 | 1.88 | 11.9 | 60.1 | 2.9 | 6 | 0.1 | 0.7 | 0.1 | 32 | 0.05 | 0.024 | 10 | |
| 1217059 | Soil | | | 1.9 | 32.8 | 7.5 | 92 | 0.3 | 36.4 | 14.3 | 472 | 3.06 | 6.2 | 2.1 | 1.6 | 96 | 0.9 | 0.8 | 0.1 | 77 | 0.72 | 0.109 | 11 | |
| 1217060 | Soil | | | 1.8 | 27.7 | 6.3 | 96 | 0.2 | 37.7 | 16.5 | 472 | 3.55 | 5.5 | 5.3 | 1.2 | 77 | 0.5 | 0.6 | <0.1 | 85 | 0.92 | 0.100 | 11 | |



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CERTIFICATE OF ANALYSIS

WHI11000758.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1217031 | Soil | 7 | 0.11 | 86 | 0.002 | 2 | 0.44 | 0.002 | 0.03 | <0.1 | 0.06 | 1.5 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 1217032 | Soil | 4 | 0.06 | 62 | <0.001 | 1 | 0.18 | 0.003 | 0.03 | <0.1 | 0.25 | 1.6 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| 1217033 | Soil | 10 | 0.15 | 56 | 0.005 | 2 | 0.55 | 0.002 | 0.05 | 0.1 | 0.12 | 1.1 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 1217034 | Soil | 9 | 0.11 | 180 | 0.004 | 1 | 0.51 | 0.003 | 0.05 | <0.1 | 0.17 | 3.0 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 1217035 | Soil | 15 | 0.25 | 129 | 0.016 | 1 | 0.77 | 0.003 | 0.04 | 0.1 | 0.06 | 2.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217036 | Soil | 10 | 0.09 | 125 | 0.004 | 1 | 0.62 | 0.003 | 0.04 | <0.1 | 0.12 | 1.4 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217037 | Soil | 26 | 0.15 | 273 | 0.005 | 1 | 0.47 | 0.003 | 0.06 | <0.1 | 0.17 | 4.9 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 1217038 | Soil | 15 | 0.29 | 166 | 0.012 | <1 | 0.83 | 0.003 | 0.04 | <0.1 | 0.04 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217039 | Soil | 13 | 0.18 | 224 | 0.008 | <1 | 0.66 | 0.003 | 0.03 | 0.1 | 0.07 | 2.2 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217040 | Soil | 12 | 0.17 | 108 | 0.007 | <1 | 0.69 | 0.002 | 0.04 | 0.1 | 0.13 | 2.0 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 1217041 | Soil | 7 | 0.08 | 86 | 0.002 | <1 | 0.49 | 0.003 | 0.03 | <0.1 | 0.03 | 1.3 | <0.1 | <0.05 | 1 | 0.6 | <0.2 |
| 1217042 | Soil | 10 | 0.17 | 150 | 0.006 | <1 | 0.59 | 0.003 | 0.04 | 0.1 | 0.09 | 1.6 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217043 | Soil | 15 | 0.24 | 140 | 0.011 | <1 | 0.83 | 0.003 | 0.03 | 0.2 | 0.04 | 1.9 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 1217044 | Soil | 13 | 0.19 | 92 | 0.006 | 1 | 0.82 | 0.003 | 0.03 | 0.1 | 0.07 | 1.6 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 1217045 | Soil | 11 | 0.19 | 98 | 0.007 | <1 | 0.63 | 0.003 | 0.03 | 0.2 | 0.04 | 1.5 | <0.1 | <0.05 | 2 | 0.7 | <0.2 |
| 1217046 | Soil | 16 | 0.22 | 128 | 0.010 | <1 | 0.95 | 0.003 | 0.02 | 0.2 | 0.02 | 1.2 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217047 | Soil | 4 | 0.05 | 112 | <0.001 | <1 | 0.20 | 0.003 | 0.06 | <0.1 | 0.08 | 0.9 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| 1217048 | Soil | 14 | 0.17 | 159 | 0.007 | <1 | 0.94 | 0.003 | 0.05 | 0.2 | 0.05 | 1.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217049 | Soil | 23 | 0.30 | 172 | 0.018 | <1 | 1.45 | 0.004 | 0.03 | 0.2 | 0.05 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217050 | Soil | 12 | 0.26 | 122 | 0.001 | <1 | 0.71 | 0.004 | 0.04 | <0.1 | 0.27 | 2.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217051 | Soil | 18 | 0.63 | 138 | 0.005 | <1 | 1.29 | 0.003 | 0.02 | <0.1 | 0.02 | 1.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217052 | Soil | 21 | 0.76 | 129 | 0.003 | <1 | 1.60 | 0.004 | 0.03 | <0.1 | 0.02 | 1.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217053 | Soil | 10 | 0.20 | 75 | 0.007 | <1 | 0.55 | 0.002 | 0.02 | 0.3 | 0.02 | 1.0 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 1217054 | Soil | 15 | 0.23 | 121 | 0.008 | <1 | 0.82 | 0.003 | 0.03 | 0.2 | 0.02 | 1.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217055 | Soil | 14 | 0.23 | 221 | 0.009 | <1 | 0.82 | 0.003 | 0.03 | 0.2 | 0.05 | 1.9 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217056 | Soil | 19 | 0.24 | 142 | 0.015 | <1 | 1.06 | 0.002 | 0.03 | 0.2 | 0.02 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217057 | Soil | 9 | 0.18 | 146 | 0.008 | <1 | 0.47 | 0.003 | 0.02 | 0.3 | 0.02 | 1.5 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 1217058 | Soil | 13 | 0.18 | 108 | 0.007 | <1 | 0.82 | 0.003 | 0.03 | 0.2 | 0.01 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217059 | Soil | 36 | 0.72 | 602 | 0.007 | 1 | 1.48 | 0.007 | 0.03 | 0.1 | 0.12 | 3.6 | <0.1 | 0.07 | 5 | 0.7 | <0.2 |
| 1217060 | Soil | 50 | 1.06 | 716 | 0.008 | 2 | 1.64 | 0.008 | 0.03 | <0.1 | 0.08 | 3.5 | <0.1 | 0.08 | 6 | 0.6 | <0.2 |

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Report Date: September 27, 2011

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CERTIFICATE OF ANALYSIS

WHI11000758.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1218561 | Soil | 0.9 | 12.4 | 9.3 | 42 | <0.1 | 14.7 | 5.9 | 196 | 1.97 | 10.3 | 0.8 | 3.6 | 5 | <0.1 | 0.5 | 0.2 | 24 | 0.04 | 0.035 | 10 |
| 1218562 | Soil | 0.8 | 26.5 | 11.4 | 58 | <0.1 | 21.2 | 9.2 | 308 | 2.36 | 7.8 | 1.3 | 6.1 | 7 | <0.1 | 0.5 | 0.2 | 19 | 0.05 | 0.038 | 23 |
| 1218563 | Soil | 1.1 | 12.9 | 9.4 | 43 | <0.1 | 12.7 | 6.2 | 286 | 1.91 | 8.8 | 3.8 | 1.6 | 5 | <0.1 | 0.5 | 0.2 | 26 | 0.03 | 0.048 | 12 |



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Project: Oliver
 Report Date: September 27, 2011

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CERTIFICATE OF ANALYSIS

WHI11000758.1

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| 1218561 | Soil | 14 | 0.22 | 91 | 0.009 | <1 | 0.83 | 0.002 | 0.02 | 0.3 | 0.03 | 1.2 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218562 | Soil | 15 | 0.28 | 178 | 0.009 | <1 | 0.89 | 0.003 | 0.02 | 0.2 | 0.05 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218563 | Soil | 14 | 0.21 | 93 | 0.011 | <1 | 0.78 | 0.002 | 0.02 | 0.2 | 0.02 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |



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Report Date: September 27, 2011

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QUALITY CONTROL REPORT

WHI11000758.1

| Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | |
| Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 1218625 | Soil | 0.7 | 25.9 | 9.4 | 60 | <0.1 | 22.5 | 9.7 | 412 | 2.25 | 7.9 | 1.9 | 5.4 | 10 | 0.1 | 0.6 | 0.2 | 26 | 0.10 | 0.046 | 31 |
| REP 1218625 | QC | 0.7 | 26.2 | 9.7 | 61 | <0.1 | 24.2 | 10.3 | 410 | 2.25 | 8.0 | 7.0 | 5.5 | 10 | <0.1 | 0.8 | 0.2 | 26 | 0.10 | 0.045 | 32 |
| 1218649 | Soil | 0.7 | 11.8 | 8.9 | 39 | <0.1 | 11.2 | 5.1 | 190 | 1.77 | 9.7 | 1.4 | 0.6 | 7 | 0.1 | 0.6 | 0.2 | 30 | 0.08 | 0.051 | 17 |
| REP 1218649 | QC | 0.7 | 12.0 | 8.8 | 40 | <0.1 | 11.6 | 5.1 | 198 | 1.73 | 9.6 | 1.1 | 0.6 | 7 | 0.1 | 0.6 | 0.1 | 29 | 0.08 | 0.051 | 17 |
| 1218675 | Soil | 1.0 | 16.1 | 13.7 | 54 | <0.1 | 17.2 | 7.1 | 309 | 2.40 | 13.3 | 6.4 | 5.3 | 7 | 0.1 | 0.9 | 0.2 | 28 | 0.06 | 0.038 | 14 |
| REP 1218675 | QC | 1.0 | 15.4 | 12.9 | 52 | <0.1 | 16.9 | 6.7 | 298 | 2.31 | 12.4 | 2.6 | 5.2 | 7 | 0.1 | 0.8 | 0.2 | 27 | 0.06 | 0.038 | 14 |
| 1218677 | Soil | 1.1 | 17.6 | 12.1 | 57 | <0.1 | 19.0 | 8.7 | 299 | 2.38 | 12.3 | 5.0 | 5.2 | 9 | <0.1 | 1.0 | 0.2 | 34 | 0.06 | 0.034 | 17 |
| REP 1218677 | QC | 1.0 | 18.2 | 12.2 | 56 | <0.1 | 19.1 | 8.7 | 300 | 2.39 | 12.3 | 8.9 | 5.3 | 9 | 0.2 | 1.0 | 0.2 | 34 | 0.07 | 0.035 | 18 |
| 1217407 | Soil | 0.7 | 20.9 | 10.9 | 54 | <0.1 | 20.7 | 7.9 | 288 | 2.06 | 9.7 | 1.6 | 3.7 | 21 | <0.1 | 0.4 | 0.2 | 29 | 0.54 | 0.048 | 24 |
| REP 1217407 | QC | 0.6 | 19.0 | 10.6 | 49 | <0.1 | 18.5 | 7.1 | 273 | 1.91 | 8.7 | 5.7 | 3.6 | 20 | <0.1 | 0.4 | 0.2 | 26 | 0.51 | 0.045 | 23 |
| 1217425 | Soil | 0.7 | 28.8 | 15.7 | 79 | 0.1 | 28.8 | 10.5 | 388 | 3.01 | 30.7 | 4.6 | 8.6 | 18 | 0.2 | 1.9 | 0.3 | 28 | 0.19 | 0.054 | 37 |
| REP 1217425 | QC | 0.7 | 26.8 | 14.8 | 74 | 0.1 | 26.3 | 10.0 | 378 | 2.88 | 28.7 | 3.7 | 7.8 | 16 | 0.2 | 1.8 | 0.3 | 27 | 0.19 | 0.050 | 35 |
| 1217433 | Soil | 1.0 | 12.7 | 11.1 | 52 | <0.1 | 13.5 | 5.6 | 212 | 2.11 | 9.7 | 2.5 | 0.5 | 6 | 0.1 | 0.5 | 0.3 | 34 | 0.05 | 0.054 | 10 |
| REP 1217433 | QC | 1.0 | 13.0 | 10.9 | 51 | <0.1 | 13.5 | 5.4 | 205 | 2.09 | 9.5 | 12.7 | 0.5 | 5 | 0.1 | 0.5 | 0.2 | 33 | 0.05 | 0.055 | 11 |
| 1218776 | Soil | 0.9 | 14.3 | 10.5 | 37 | <0.1 | 12.6 | 4.9 | 109 | 1.97 | 10.9 | 2.1 | 4.4 | 5 | <0.1 | 0.6 | 0.1 | 33 | 0.04 | 0.023 | 12 |
| REP 1218776 | QC | 0.9 | 14.8 | 10.6 | 39 | <0.1 | 13.2 | 5.2 | 115 | 2.07 | 11.4 | 11.7 | 4.6 | 5 | <0.1 | 0.6 | 0.2 | 34 | 0.04 | 0.025 | 13 |
| 1218784 | Soil | 0.7 | 43.5 | 10.7 | 48 | <0.1 | 18.1 | 8.1 | 275 | 1.89 | 6.5 | 1.8 | 4.7 | 6 | <0.1 | 0.4 | 0.2 | 26 | 0.05 | 0.028 | 21 |
| REP 1218784 | QC | 0.7 | 45.8 | 11.0 | 52 | <0.1 | 18.2 | 8.5 | 280 | 1.97 | 6.9 | 2.3 | 4.9 | 6 | <0.1 | 0.4 | 0.2 | 28 | 0.06 | 0.028 | 22 |
| 1217021 | Soil | 1.4 | 49.7 | 18.0 | 86 | 0.1 | 46.4 | 22.3 | 416 | 4.57 | 20.1 | 1.0 | 16.6 | 34 | 0.1 | 0.5 | 0.4 | 17 | 0.19 | 0.042 | 25 |
| REP 1217021 | QC | 1.3 | 46.7 | 17.1 | 81 | <0.1 | 43.8 | 20.5 | 396 | 4.30 | 18.9 | 1.5 | 15.6 | 32 | <0.1 | 0.5 | 0.4 | 17 | 0.18 | 0.040 | 25 |
| 1217038 | Soil | 0.7 | 25.6 | 14.6 | 53 | <0.1 | 21.2 | 9.7 | 389 | 2.32 | 8.4 | 2.3 | 4.5 | 7 | <0.1 | 0.6 | 0.2 | 20 | 0.06 | 0.035 | 27 |
| REP 1217038 | QC | 0.8 | 25.5 | 14.0 | 54 | <0.1 | 21.4 | 9.4 | 376 | 2.25 | 8.0 | 2.5 | 4.3 | 6 | <0.1 | 0.5 | 0.2 | 19 | 0.06 | 0.036 | 27 |
| 1217052 | Soil | 0.4 | 45.6 | 8.8 | 76 | <0.1 | 38.8 | 18.8 | 547 | 3.46 | 16.5 | 1.3 | 16.5 | 8 | <0.1 | 0.3 | 0.2 | 11 | 0.08 | 0.048 | 52 |
| REP 1217052 | QC | 0.4 | 45.1 | 8.7 | 77 | <0.1 | 39.6 | 18.6 | 543 | 3.45 | 16.3 | 1.0 | 16.5 | 8 | <0.1 | 0.3 | 0.2 | 12 | 0.07 | 0.047 | 55 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | 12.1 | 100.0 | 128.8 | 304 | 1.7 | 33.7 | 6.6 | 589 | 2.34 | 25.3 | 111.4 | 7.0 | 75 | 2.1 | 6.2 | 7.5 | 38 | 0.66 | 0.078 | 15 |
| STD DS8 | Standard | 10.2 | 105.9 | 118.3 | 309 | 1.8 | 37.6 | 7.1 | 571 | 2.32 | 24.2 | 104.7 | 5.8 | 54 | 2.3 | 5.0 | 6.3 | 38 | 0.58 | 0.078 | 10 |
| STD DS8 | Standard | 13.2 | 107.8 | 125.8 | 309 | 1.7 | 37.2 | 7.5 | 605 | 2.41 | 24.6 | 117.0 | 6.7 | 63 | 2.3 | 5.5 | 6.4 | 43 | 0.67 | 0.080 | 16 |



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Project: Oliver

Report Date: September 27, 2011

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QUALITY CONTROL REPORT

WHI11000758.1

| Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analyte | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | |
| Unit | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | |
| 1218625 | Soil | 19 | 0.42 | 291 | 0.019 | <1 | 1.19 | 0.004 | 0.03 | 0.2 | 0.05 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1218625 | QC | 19 | 0.43 | 295 | 0.020 | <1 | 1.23 | 0.005 | 0.03 | 0.2 | 0.04 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218649 | Soil | 18 | 0.26 | 85 | 0.014 | <1 | 1.03 | 0.004 | 0.03 | 0.3 | 0.04 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1218649 | QC | 18 | 0.26 | 84 | 0.013 | <1 | 1.01 | 0.004 | 0.03 | 0.3 | 0.03 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218675 | Soil | 17 | 0.32 | 73 | 0.017 | 3 | 1.03 | 0.004 | 0.04 | 0.3 | 0.02 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1218675 | QC | 17 | 0.32 | 70 | 0.017 | <1 | 1.04 | 0.004 | 0.04 | 0.3 | 0.02 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218677 | Soil | 20 | 0.35 | 144 | 0.020 | 1 | 1.29 | 0.005 | 0.05 | 0.2 | 0.03 | 2.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1218677 | QC | 21 | 0.36 | 145 | 0.024 | 2 | 1.29 | 0.005 | 0.06 | 0.2 | 0.03 | 2.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217407 | Soil | 18 | 0.35 | 150 | 0.013 | 1 | 1.07 | 0.006 | 0.03 | 0.3 | 0.03 | 1.7 | <0.1 | 0.07 | 3 | <0.5 | <0.2 |
| REP 1217407 | QC | 16 | 0.32 | 141 | 0.010 | <1 | 0.98 | 0.006 | 0.03 | 0.2 | 0.04 | 1.6 | <0.1 | 0.05 | 3 | <0.5 | <0.2 |
| 1217425 | Soil | 24 | 0.52 | 168 | 0.019 | <1 | 1.39 | 0.008 | 0.08 | 0.3 | 0.04 | 2.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1217425 | QC | 23 | 0.51 | 162 | 0.019 | <1 | 1.37 | 0.007 | 0.08 | 0.3 | 0.04 | 2.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217433 | Soil | 20 | 0.29 | 104 | 0.010 | <1 | 1.12 | 0.003 | 0.02 | 0.2 | 0.04 | 0.6 | <0.1 | 0.06 | 4 | <0.5 | <0.2 |
| REP 1217433 | QC | 19 | 0.29 | 103 | 0.011 | <1 | 1.12 | 0.003 | 0.03 | 0.2 | 0.02 | 0.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218776 | Soil | 19 | 0.29 | 101 | 0.017 | <1 | 1.22 | 0.004 | 0.02 | 0.2 | 0.05 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1218776 | QC | 20 | 0.29 | 107 | 0.019 | <1 | 1.22 | 0.004 | 0.02 | 0.2 | 0.04 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218784 | Soil | 17 | 0.35 | 115 | 0.014 | <1 | 0.93 | 0.003 | 0.02 | 0.2 | 0.05 | 2.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1218784 | QC | 19 | 0.37 | 118 | 0.014 | <1 | 0.97 | 0.003 | 0.02 | 0.2 | 0.05 | 2.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217021 | Soil | 16 | 0.37 | 90 | 0.002 | 1 | 1.11 | 0.007 | 0.07 | <0.1 | 0.07 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1217021 | QC | 15 | 0.35 | 87 | 0.002 | <1 | 1.05 | 0.007 | 0.06 | <0.1 | 0.07 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217038 | Soil | 15 | 0.29 | 166 | 0.012 | <1 | 0.83 | 0.003 | 0.04 | <0.1 | 0.04 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1217038 | QC | 15 | 0.28 | 163 | 0.010 | 1 | 0.81 | 0.003 | 0.04 | 0.1 | 0.05 | 1.5 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217052 | Soil | 21 | 0.76 | 129 | 0.003 | <1 | 1.60 | 0.004 | 0.03 | <0.1 | 0.02 | 1.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1217052 | QC | 21 | 0.77 | 127 | 0.003 | <1 | 1.61 | 0.003 | 0.03 | 0.1 | 0.02 | 1.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| Reference Materials | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | 105 | 0.60 | 286 | 0.107 | 2 | 0.90 | 0.108 | 0.43 | 3.0 | 0.20 | 2.5 | 5.2 | 0.12 | 5 | 5.3 | 5.0 |
| STD DS8 | Standard | 111 | 0.57 | 221 | 0.091 | 3 | 0.77 | 0.073 | 0.39 | 2.9 | 0.18 | 1.7 | 5.2 | 0.16 | 4 | 4.9 | 4.7 |
| STD DS8 | Standard | 117 | 0.60 | 269 | 0.116 | 2 | 0.90 | 0.085 | 0.39 | 2.9 | 0.18 | 2.1 | 5.3 | 0.20 | 5 | 5.0 | 5.0 |



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Report Date: September 27, 2011

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QUALITY CONTROL REPORT

WHI11000758.1

| | | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| STD DS8 | Standard | 12.3 | 114.6 | 131.0 | 323 | 1.9 | 40.5 | 8.0 | 615 | 2.50 | 25.2 | 121.9 | 5.8 | 58 | 2.4 | 5.7 | 5.9 | 44 | 0.66 | 0.085 | 12 |
| STD DS8 | Standard | 13.5 | 110.4 | 127.0 | 315 | 1.8 | 38.1 | 7.7 | 602 | 2.44 | 24.8 | 125.6 | 6.4 | 64 | 2.3 | 5.6 | 6.4 | 41 | 0.71 | 0.084 | 16 |
| STD DS8 | Standard | 12.4 | 113.6 | 114.7 | 305 | 1.8 | 37.7 | 7.5 | 586 | 2.40 | 25.3 | 110.4 | 5.4 | 54 | 2.3 | 5.0 | 5.7 | 41 | 0.64 | 0.077 | 12 |
| STD DS8 Expected | | 13.44 | 110 | 123 | 312 | 1.69 | 38.1 | 7.5 | 615 | 2.46 | 26 | 107 | 6.89 | 67.7 | 2.38 | 5.7 | 6.67 | 41.1 | 0.7 | 0.08 | 14.6 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |



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QUALITY CONTROL REPORT

WHI11000758.1

| | | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|------------------|----------|-------|--------|-------|--------|-------|-------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| | | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| STD DS8 | Standard | 118 | 0.62 | 257 | 0.106 | 1 | 0.88 | 0.079 | 0.41 | 2.8 | 0.23 | 1.8 | 5.7 | 0.19 | 4 | 5.3 | 5.1 |
| STD DS8 | Standard | 112 | 0.62 | 274 | 0.114 | 2 | 0.91 | 0.085 | 0.42 | 3.0 | 0.22 | 2.1 | 5.5 | 0.18 | 5 | 5.2 | 5.0 |
| STD DS8 | Standard | 115 | 0.59 | 253 | 0.101 | 2 | 0.84 | 0.078 | 0.40 | 2.9 | 0.19 | 2.0 | 5.4 | 0.15 | 4 | 4.7 | 5.2 |
| STD DS8 Expected | | 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 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |



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Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: July 27, 2011
Report Date: January 03, 2012
Page: 1 of 12

CERTIFICATE OF ANALYSIS

WHI11000757.2

CLIENT JOB INFORMATION

Project: Oliver
Shipment ID:
P.O. Number
Number of Samples: 321

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

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: Goldstrike Resources (Petro One Energy Corp)
1300 - 111 West Georgia Street
Vancouver BC V6E 4M3
Canada

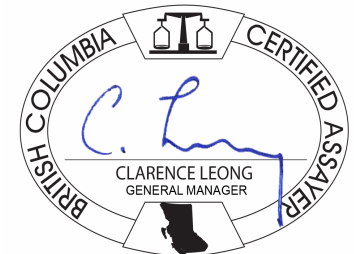
CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|--|--------------|---------------|-----|
| Dry at 60C | 320 | Dry at 60C | | | WHI |
| SS80 | 320 | Dry at 60C sieve 100g to -80 mesh | | | WHI |
| 1DX2 | 320 | 1:1:1 Aqua Regia digestion ICP-MS analysis | 15 | Completed | VAN |
| RJSV | 320 | Saving all or part of Soil Reject | | | WHI |

ADDITIONAL COMMENTS

Version 2 : Revised sample IDs for 1217491-1217500.



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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 1300 - 111 West Georgia Street
 Vancouver BC V6E 4M3 Canada

Project: Oliver
 Report Date: January 03, 2012

Page: 2 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000757.2

| Method Analyte | Unit | MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|----------------|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | |
| | | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | % | % | % | ppm | | |
| | | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | | |
| 1217451 | Soil | | 0.9 | 24.4 | 10.1 | 61 | <0.1 | 22.9 | 9.6 | 306 | 2.22 | 8.5 | 8.7 | 4.7 | 9 | 0.2 | 0.8 | 0.2 | 31 | 0.09 | 0.034 | 20 | |
| 1217452 | Soil | | 1.0 | 18.0 | 14.0 | 43 | <0.1 | 16.6 | 7.3 | 175 | 2.30 | 10.6 | 14.5 | 4.7 | 6 | <0.1 | 0.7 | 0.2 | 34 | 0.05 | 0.029 | 18 | |
| 1217453 | Soil | | 0.7 | 14.3 | 9.7 | 45 | <0.1 | 16.0 | 7.6 | 256 | 2.04 | 12.4 | 0.9 | 4.2 | 7 | <0.1 | 0.8 | 0.2 | 25 | 0.06 | 0.041 | 11 | |
| 1217454 | Soil | | 0.6 | 16.9 | 7.8 | 45 | <0.1 | 16.0 | 8.2 | 300 | 1.81 | 11.2 | 2.5 | 3.0 | 9 | <0.1 | 0.7 | 0.1 | 24 | 0.10 | 0.054 | 13 | |
| 1217455 | Soil | | 1.1 | 14.7 | 10.4 | 49 | <0.1 | 14.4 | 8.1 | 308 | 2.11 | 10.7 | 1.3 | 3.2 | 6 | <0.1 | 0.7 | 0.2 | 30 | 0.05 | 0.038 | 16 | |
| 1217456 | Soil | | 1.0 | 12.5 | 8.8 | 43 | <0.1 | 11.6 | 5.1 | 166 | 2.02 | 10.7 | 1.1 | 2.8 | 5 | <0.1 | 0.7 | 0.2 | 32 | 0.04 | 0.029 | 11 | |
| 1217457 | Soil | | 0.9 | 19.6 | 8.9 | 52 | <0.1 | 15.8 | 8.7 | 347 | 2.07 | 10.7 | 1.9 | 2.8 | 7 | <0.1 | 0.6 | 0.2 | 29 | 0.07 | 0.045 | 14 | |
| 1217458 | Soil | | 1.0 | 15.2 | 10.5 | 56 | <0.1 | 18.5 | 10.8 | 316 | 2.41 | 12.1 | 0.9 | 6.4 | 6 | 0.1 | 0.6 | 0.2 | 31 | 0.04 | 0.032 | 15 | |
| 1217459 | Soil | | 0.9 | 12.5 | 10.0 | 40 | <0.1 | 12.6 | 5.4 | 173 | 1.98 | 9.5 | 1.8 | 1.5 | 6 | <0.1 | 0.5 | 0.2 | 33 | 0.05 | 0.034 | 14 | |
| 1217460 | Soil | | 1.2 | 14.9 | 10.6 | 50 | <0.1 | 13.8 | 6.5 | 196 | 2.37 | 11.5 | 1.3 | 4.2 | 6 | <0.1 | 0.6 | 0.2 | 41 | 0.04 | 0.034 | 13 | |
| 1217461 | Soil | | 1.1 | 37.2 | 10.2 | 54 | <0.1 | 20.5 | 8.9 | 343 | 2.33 | 11.5 | 1.5 | 5.2 | 7 | <0.1 | 0.8 | 0.2 | 37 | 0.05 | 0.029 | 22 | |
| 1217462 | Soil | | 0.9 | 13.2 | 10.3 | 40 | <0.1 | 14.0 | 5.4 | 155 | 2.09 | 10.5 | <0.5 | 0.4 | 9 | <0.1 | 0.5 | 0.2 | 34 | 0.07 | 0.055 | 16 | |
| 1217463 | Soil | | 0.9 | 9.9 | 8.0 | 35 | <0.1 | 9.2 | 3.5 | 106 | 1.72 | 7.5 | <0.5 | 0.6 | 5 | <0.1 | 0.4 | 0.2 | 26 | 0.04 | 0.040 | 13 | |
| 1217464 | Soil | | 0.8 | 16.6 | 9.7 | 51 | <0.1 | 16.1 | 7.0 | 256 | 1.96 | 8.7 | 50.7 | 2.3 | 8 | 0.1 | 0.5 | 0.2 | 25 | 0.07 | 0.042 | 16 | |
| 1217465 | Soil | | 0.6 | 14.4 | 10.0 | 39 | <0.1 | 13.8 | 6.6 | 216 | 1.92 | 8.1 | 2.0 | 2.1 | 6 | <0.1 | 0.4 | 0.2 | 25 | 0.05 | 0.035 | 18 | |
| 1217466 | Soil | | 0.7 | 24.1 | 10.5 | 45 | <0.1 | 16.5 | 7.3 | 225 | 1.98 | 8.9 | 2.7 | 5.2 | 7 | <0.1 | 0.6 | 0.2 | 24 | 0.07 | 0.030 | 22 | |
| 1217467 | Soil | | 0.9 | 9.6 | 10.4 | 42 | <0.1 | 10.9 | 6.1 | 238 | 2.16 | 9.3 | 5.3 | 4.7 | 6 | <0.1 | 0.5 | 0.2 | 32 | 0.05 | 0.033 | 13 | |
| 1217468 | Soil | | 0.7 | 19.9 | 9.9 | 46 | <0.1 | 16.5 | 7.1 | 216 | 2.11 | 9.7 | 15.8 | 5.0 | 7 | <0.1 | 0.8 | 0.2 | 31 | 0.08 | 0.021 | 13 | |
| 1217469 | Soil | | 0.7 | 24.6 | 11.7 | 62 | <0.1 | 20.7 | 8.2 | 151 | 1.90 | 5.6 | 13.1 | 6.5 | 26 | <0.1 | 0.7 | 0.2 | 21 | 0.41 | 0.044 | 26 | |
| 1217470 | Soil | | 0.6 | 20.1 | 11.1 | 54 | <0.1 | 20.9 | 8.4 | 294 | 1.92 | 5.6 | 1.5 | 6.4 | 25 | 0.1 | 0.6 | 0.2 | 21 | 0.39 | 0.049 | 24 | |
| 1217471 | Soil | | 0.7 | 18.1 | 8.5 | 49 | <0.1 | 17.3 | 8.7 | 353 | 1.77 | 5.8 | 4.4 | 5.4 | 20 | <0.1 | 0.5 | 0.2 | 21 | 0.28 | 0.044 | 18 | |
| 1217472 | Soil | | 0.7 | 20.4 | 8.0 | 42 | <0.1 | 16.0 | 5.2 | 148 | 1.74 | 8.3 | 1.9 | 2.9 | 11 | <0.1 | 0.5 | 0.1 | 26 | 0.13 | 0.043 | 18 | |
| 1217473 | Soil | | 0.7 | 15.7 | 6.5 | 40 | <0.1 | 14.1 | 4.6 | 146 | 1.50 | 7.0 | 0.7 | 0.7 | 10 | 0.1 | 0.5 | 0.1 | 24 | 0.10 | 0.049 | 13 | |
| 1217474 | Soil | | 0.7 | 30.6 | 12.0 | 67 | <0.1 | 28.1 | 11.8 | 420 | 2.75 | 10.4 | 1.7 | 11.1 | 10 | <0.1 | 0.5 | 0.2 | 18 | 0.10 | 0.042 | 38 | |
| 1217475 | Soil | | 0.6 | 17.7 | 8.4 | 43 | <0.1 | 15.3 | 7.2 | 218 | 1.93 | 9.9 | 1.2 | 4.4 | 7 | <0.1 | 0.5 | 0.1 | 25 | 0.07 | 0.034 | 17 | |
| 1217476 | Soil | | 0.6 | 21.6 | 10.4 | 51 | <0.1 | 18.5 | 8.5 | 303 | 2.27 | 8.6 | 1.2 | 6.6 | 10 | <0.1 | 0.4 | 0.2 | 25 | 0.11 | 0.030 | 26 | |
| 1217477 | Soil | | 0.7 | 20.0 | 6.4 | 41 | <0.1 | 16.7 | 5.0 | 253 | 1.38 | 6.6 | 1.9 | 4.0 | 12 | <0.1 | 0.6 | 0.1 | 22 | 0.15 | 0.049 | 12 | |
| 1217478 | Soil | | 0.7 | 19.7 | 6.6 | 42 | <0.1 | 18.3 | 6.5 | 152 | 1.45 | 6.7 | 2.0 | 3.6 | 15 | <0.1 | 0.7 | 0.1 | 22 | 0.19 | 0.054 | 10 | |
| 1217479 | Soil | | 0.8 | 26.8 | 10.1 | 61 | 0.1 | 22.5 | 6.5 | 274 | 1.99 | 8.5 | 1.9 | 5.8 | 18 | 0.1 | 0.6 | 0.2 | 24 | 0.28 | 0.058 | 20 | |
| 1217480 | Soil | | 1.0 | 28.0 | 12.9 | 67 | 0.1 | 29.0 | 8.1 | 302 | 2.28 | 9.2 | 1.3 | 7.7 | 17 | 0.2 | 0.7 | 0.2 | 26 | 0.29 | 0.055 | 24 | |

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Project: Oliver
 Report Date: January 03, 2012

Page: 2 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000757.2

| Method Analyte Unit MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|----------------------------------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|--------|-----------|-----------|-----------|------|
| | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Hg ppm | Sc ppm | Tl ppm | S % | Ga ppm | Se ppm | Te ppm | |
| 1217451 | Soil | 19 | 0.41 | 187 | 0.022 | <1 | 1.03 | 0.003 | 0.04 | 0.2 | 0.03 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217452 | Soil | 21 | 0.32 | 125 | 0.021 | <1 | 1.22 | 0.003 | 0.05 | 0.2 | 0.04 | 2.0 | 0.1 | <0.05 | 4 | 0.7 | <0.2 |
| 1217453 | Soil | 15 | 0.22 | 65 | 0.016 | <1 | 0.85 | 0.003 | 0.05 | 0.3 | 0.03 | 1.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217454 | Soil | 14 | 0.25 | 120 | 0.016 | 1 | 0.79 | 0.003 | 0.03 | 0.2 | 0.02 | 1.7 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 1217455 | Soil | 18 | 0.27 | 90 | 0.020 | <1 | 0.92 | 0.003 | 0.03 | 0.3 | 0.03 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217456 | Soil | 18 | 0.24 | 74 | 0.019 | <1 | 0.98 | 0.003 | 0.03 | 0.2 | 0.03 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217457 | Soil | 18 | 0.32 | 100 | 0.019 | <1 | 1.05 | 0.003 | 0.03 | 0.3 | 0.03 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217458 | Soil | 21 | 0.36 | 85 | 0.019 | <1 | 1.24 | 0.003 | 0.03 | 0.2 | 0.04 | 1.6 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1217459 | Soil | 19 | 0.24 | 97 | 0.015 | <1 | 1.09 | 0.003 | 0.03 | 0.2 | 0.04 | 1.3 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1217460 | Soil | 23 | 0.27 | 131 | 0.023 | 1 | 1.29 | 0.004 | 0.03 | 0.2 | 0.05 | 2.3 | <0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 1217461 | Soil | 22 | 0.37 | 222 | 0.030 | <1 | 1.26 | 0.006 | 0.04 | 0.2 | 0.07 | 4.0 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1217462 | Soil | 16 | 0.20 | 227 | 0.009 | 1 | 0.92 | 0.003 | 0.04 | 0.2 | 0.03 | 0.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217463 | Soil | 13 | 0.19 | 57 | 0.010 | 1 | 0.72 | 0.002 | 0.03 | 0.2 | 0.02 | 0.6 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1217464 | Soil | 15 | 0.25 | 100 | 0.013 | <1 | 0.88 | 0.003 | 0.04 | 0.3 | 0.03 | 1.1 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217465 | Soil | 16 | 0.27 | 123 | 0.012 | <1 | 0.95 | 0.002 | 0.03 | 0.2 | 0.03 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217466 | Soil | 17 | 0.29 | 167 | 0.015 | 1 | 0.90 | 0.003 | 0.04 | 0.2 | 0.04 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217467 | Soil | 16 | 0.22 | 108 | 0.016 | <1 | 0.98 | 0.002 | 0.03 | 0.2 | 0.02 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217468 | Soil | 16 | 0.25 | 177 | 0.019 | <1 | 0.92 | 0.003 | 0.03 | 0.2 | 0.03 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217469 | Soil | 15 | 0.30 | 93 | 0.014 | <1 | 0.88 | 0.004 | 0.04 | 0.2 | 0.05 | 1.8 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 1217470 | Soil | 16 | 0.29 | 98 | 0.011 | <1 | 0.93 | 0.004 | 0.04 | 0.2 | 0.04 | 1.8 | <0.1 | <0.05 | 2 | 0.8 | <0.2 |
| 1217471 | Soil | 15 | 0.26 | 110 | 0.011 | <1 | 0.82 | 0.003 | 0.03 | 0.2 | 0.04 | 1.7 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217472 | Soil | 16 | 0.25 | 269 | 0.014 | <1 | 0.88 | 0.003 | 0.03 | 0.2 | 0.04 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217473 | Soil | 14 | 0.21 | 195 | 0.010 | <1 | 0.70 | 0.002 | 0.03 | 0.2 | 0.03 | 0.9 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217474 | Soil | 16 | 0.47 | 191 | 0.009 | <1 | 1.09 | 0.003 | 0.05 | 0.2 | 0.03 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217475 | Soil | 16 | 0.27 | 116 | 0.015 | <1 | 0.96 | 0.003 | 0.03 | 0.2 | 0.03 | 1.7 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1217476 | Soil | 17 | 0.38 | 228 | 0.014 | <1 | 1.10 | 0.005 | 0.04 | 0.2 | 0.03 | 2.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217477 | Soil | 13 | 0.23 | 156 | 0.020 | <1 | 0.67 | 0.003 | 0.04 | 0.1 | 0.03 | 2.0 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217478 | Soil | 13 | 0.24 | 218 | 0.018 | <1 | 0.63 | 0.004 | 0.04 | 0.1 | 0.04 | 1.9 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217479 | Soil | 18 | 0.33 | 272 | 0.014 | <1 | 0.89 | 0.005 | 0.05 | 0.2 | 0.03 | 2.1 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217480 | Soil | 31 | 0.39 | 256 | 0.015 | <1 | 1.01 | 0.005 | 0.06 | 0.2 | 0.03 | 2.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

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 1300 - 111 West Georgia Street
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Project: Oliver
Report Date: January 03, 2012

Page: 3 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000757.2

| | Method Analyte Unit MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1217481 | Soil | 1.0 | 32.2 | 13.5 | 70 | <0.1 | 25.8 | 10.2 | 474 | 2.47 | 10.2 | 3.4 | 9.5 | 17 | 0.2 | 0.6 | 0.3 | 27 | 0.30 | 0.055 | 27 |
| 1217482 | Soil | 1.3 | 10.2 | 7.9 | 43 | <0.1 | 14.4 | 6.4 | 434 | 1.69 | 7.2 | 1.6 | 4.4 | 9 | 0.1 | 0.4 | 0.2 | 26 | 0.12 | 0.038 | 17 |
| 1217483 | Soil | 1.0 | 13.9 | 9.1 | 51 | 0.1 | 16.3 | 7.5 | 417 | 2.02 | 6.2 | 1.4 | 5.8 | 9 | 0.1 | 0.3 | 0.2 | 23 | 0.10 | 0.037 | 23 |
| 1217484 | Soil | 1.0 | 29.1 | 13.1 | 73 | <0.1 | 25.5 | 9.8 | 250 | 2.70 | 13.2 | 2.1 | 11.2 | 10 | <0.1 | 0.8 | 0.2 | 28 | 0.08 | 0.025 | 25 |
| 1217485 | Soil | 1.2 | 32.6 | 11.6 | 66 | <0.1 | 20.3 | 9.5 | 152 | 2.40 | 13.0 | 2.5 | 7.6 | 8 | <0.1 | 0.9 | 0.2 | 31 | 0.07 | 0.021 | 25 |
| 1217486 | Soil | 0.7 | 9.6 | 8.3 | 41 | <0.1 | 13.8 | 5.5 | 143 | 1.70 | 8.1 | 2.5 | 3.8 | 8 | <0.1 | 0.6 | 0.1 | 28 | 0.12 | 0.025 | 12 |
| 1217487 | Soil | 0.8 | 16.2 | 10.5 | 42 | <0.1 | 19.5 | 6.2 | 161 | 1.84 | 10.5 | 4.0 | 5.4 | 10 | <0.1 | 0.8 | 0.2 | 23 | 0.12 | 0.020 | 15 |
| 1217488 | Soil | 0.8 | 21.1 | 9.2 | 43 | <0.1 | 19.1 | 6.4 | 151 | 1.96 | 12.7 | 7.4 | 4.9 | 8 | <0.1 | 0.9 | 0.2 | 26 | 0.09 | 0.027 | 11 |
| 1217489 | Soil | 1.7 | 52.0 | 16.3 | 60 | <0.1 | 32.0 | 11.4 | 454 | 2.72 | 17.2 | 6.4 | 10.8 | 15 | 0.1 | 0.9 | 0.3 | 25 | 0.27 | 0.031 | 28 |
| 1217490 | Soil | 0.7 | 12.4 | 7.0 | 41 | <0.1 | 15.9 | 6.0 | 205 | 1.88 | 6.6 | 0.9 | 5.4 | 7 | <0.1 | 0.4 | 0.1 | 23 | 0.07 | 0.037 | 18 |
| 1217491 | Soil | 0.9 | 18.2 | 7.9 | 43 | <0.1 | 19.7 | 5.9 | 132 | 1.87 | 9.2 | 1.3 | 4.8 | 7 | <0.1 | 0.7 | 0.2 | 22 | 0.06 | 0.025 | 13 |
| 1217492 | Soil | 1.1 | 16.9 | 8.5 | 45 | <0.1 | 16.4 | 6.7 | 157 | 2.09 | 13.0 | 1.7 | 5.2 | 6 | <0.1 | 0.7 | 0.2 | 23 | 0.05 | 0.030 | 16 |
| 1217493 | Soil | 0.8 | 15.5 | 6.8 | 41 | <0.1 | 16.4 | 5.8 | 142 | 1.78 | 8.3 | 1.3 | 4.5 | 6 | <0.1 | 0.6 | 0.1 | 24 | 0.04 | 0.022 | 12 |
| 1217494 | Soil | 0.9 | 24.8 | 9.1 | 54 | <0.1 | 23.4 | 9.2 | 187 | 2.43 | 8.4 | 1.8 | 7.7 | 8 | <0.1 | 0.6 | 0.2 | 27 | 0.05 | 0.020 | 26 |
| 1217495 | Soil | 1.1 | 21.7 | 11.7 | 46 | <0.1 | 16.8 | 8.1 | 254 | 2.65 | 6.1 | 0.6 | 6.0 | 6 | <0.1 | 0.4 | 0.3 | 31 | 0.04 | 0.051 | 22 |
| 1217496 | Soil | 1.1 | 17.0 | 9.2 | 51 | 0.1 | 20.1 | 8.3 | 139 | 2.47 | 12.8 | 0.9 | 4.7 | 6 | 0.1 | 0.8 | 0.2 | 33 | 0.03 | 0.028 | 14 |
| 1217497 | Soil | 0.8 | 33.7 | 10.7 | 60 | <0.1 | 24.5 | 9.9 | 192 | 2.77 | 12.2 | 3.4 | 11.4 | 7 | <0.1 | 0.5 | 0.2 | 17 | 0.03 | 0.023 | 33 |
| 1217498 | Soil | 0.8 | 36.6 | 14.6 | 68 | <0.1 | 32.5 | 12.3 | 198 | 3.09 | 6.7 | 2.7 | 12.1 | 7 | <0.1 | 0.4 | 0.3 | 17 | 0.02 | 0.020 | 38 |
| 1217499 | Soil | 0.7 | 21.1 | 7.6 | 42 | <0.1 | 18.5 | 6.5 | 155 | 1.73 | 11.2 | 19.7 | 5.0 | 6 | <0.1 | 0.7 | 0.1 | 23 | 0.05 | 0.040 | 11 |
| 1217500 | Soil | 0.6 | 40.8 | 15.0 | 74 | 0.1 | 35.9 | 12.9 | 190 | 3.37 | 6.3 | 1.5 | 15.2 | 7 | <0.1 | 0.3 | 0.3 | 14 | 0.04 | 0.023 | 47 |
| 1218501 | Soil | 0.9 | 25.6 | 11.0 | 54 | <0.1 | 23.8 | 9.9 | 234 | 2.34 | 9.2 | 1.3 | 9.4 | 5 | <0.1 | 0.6 | 0.2 | 23 | 0.02 | 0.015 | 26 |
| 1218502 | Soil | 0.6 | 21.1 | 7.9 | 41 | <0.1 | 16.8 | 6.6 | 189 | 1.81 | 6.9 | 13.4 | 5.9 | 5 | <0.1 | 0.4 | 0.1 | 21 | 0.04 | 0.022 | 22 |
| 1218503 | Soil | 0.6 | 24.8 | 9.0 | 51 | <0.1 | 22.3 | 8.5 | 183 | 2.38 | 6.6 | <0.5 | 8.7 | 6 | <0.1 | 0.6 | 0.2 | 16 | 0.03 | 0.021 | 30 |
| 1218504 | Soil | 0.7 | 19.3 | 9.2 | 44 | <0.1 | 19.2 | 6.9 | 162 | 1.99 | 10.9 | 1.1 | 5.3 | 7 | <0.1 | 0.7 | 0.1 | 30 | 0.06 | 0.021 | 16 |
| 1218505 | Soil | 0.6 | 11.4 | 9.1 | 36 | <0.1 | 14.4 | 5.3 | 116 | 1.65 | 6.6 | 1.6 | 5.1 | 6 | <0.1 | 0.4 | 0.1 | 25 | 0.04 | 0.014 | 16 |
| 1218506 | Soil | 0.8 | 23.3 | 8.7 | 50 | <0.1 | 20.7 | 7.4 | 148 | 2.04 | 8.2 | 18.3 | 7.3 | 6 | 0.1 | 0.7 | 0.2 | 22 | 0.03 | 0.015 | 20 |
| 1218507 | Soil | 0.7 | 20.8 | 9.1 | 48 | <0.1 | 19.9 | 6.8 | 161 | 2.12 | 14.6 | 6.6 | 5.7 | 7 | <0.1 | 0.9 | 0.1 | 26 | 0.06 | 0.033 | 18 |
| 1218508 | Soil | 1.0 | 16.0 | 9.1 | 46 | <0.1 | 14.0 | 6.3 | 195 | 1.93 | 10.4 | 9.4 | 4.3 | 7 | <0.1 | 0.7 | 0.1 | 30 | 0.05 | 0.028 | 12 |
| 1218509 | Soil | 1.0 | 34.1 | 13.2 | 65 | <0.1 | 25.8 | 10.4 | 243 | 2.61 | 9.3 | 3.0 | 12.3 | 6 | <0.1 | 1.0 | 0.2 | 22 | 0.03 | 0.018 | 37 |
| 1218510 | Soil | 0.8 | 16.2 | 8.8 | 42 | <0.1 | 14.8 | 6.8 | 228 | 1.88 | 9.7 | 5.3 | 4.3 | 10 | <0.1 | 0.6 | 0.1 | 28 | 0.09 | 0.037 | 15 |

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Project: Oliver
 Report Date: January 03, 2012

Page: 3 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000757.2

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1217481 | Soil | 18 | 0.48 | 277 | 0.013 | 1 | 1.12 | 0.006 | 0.06 | 0.2 | 0.04 | 2.4 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1217482 | Soil | 15 | 0.26 | 191 | 0.013 | <1 | 0.84 | 0.003 | 0.06 | 0.2 | 0.02 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217483 | Soil | 15 | 0.36 | 249 | 0.008 | <1 | 1.05 | 0.003 | 0.07 | <0.1 | 0.02 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217484 | Soil | 20 | 0.42 | 215 | 0.018 | <1 | 1.33 | 0.004 | 0.07 | <0.1 | 0.03 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217485 | Soil | 18 | 0.29 | 312 | 0.018 | <1 | 1.07 | 0.004 | 0.04 | 0.2 | 0.04 | 3.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217486 | Soil | 14 | 0.22 | 187 | 0.015 | <1 | 0.83 | 0.002 | 0.05 | 0.2 | 0.03 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217487 | Soil | 15 | 0.28 | 147 | 0.015 | <1 | 0.75 | 0.003 | 0.06 | 0.3 | 0.01 | 1.2 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217488 | Soil | 16 | 0.29 | 136 | 0.020 | 1 | 0.80 | 0.003 | 0.05 | 0.3 | 0.02 | 1.4 | <0.1 | <0.05 | 2 | 0.7 | <0.2 |
| 1217489 | Soil | 17 | 0.41 | 115 | 0.014 | <1 | 0.96 | 0.006 | 0.06 | 0.1 | 0.04 | 3.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217490 | Soil | 12 | 0.20 | 115 | 0.013 | <1 | 0.71 | 0.003 | 0.04 | 0.2 | <0.01 | 1.0 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217491 | Soil | 14 | 0.24 | 104 | 0.015 | <1 | 0.73 | 0.002 | 0.04 | 0.2 | 0.02 | 1.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217492 | Soil | 14 | 0.23 | 103 | 0.015 | <1 | 0.74 | 0.002 | 0.04 | 0.2 | 0.02 | 1.1 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217493 | Soil | 15 | 0.26 | 101 | 0.017 | <1 | 0.88 | 0.002 | 0.04 | 0.2 | <0.01 | 1.1 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 1217494 | Soil | 17 | 0.31 | 169 | 0.020 | <1 | 1.01 | 0.003 | 0.04 | 0.2 | 0.04 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217495 | Soil | 16 | 0.27 | 127 | 0.015 | <1 | 1.02 | 0.003 | 0.04 | 0.1 | <0.01 | 0.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217496 | Soil | 20 | 0.32 | 153 | 0.015 | <1 | 1.35 | 0.003 | 0.04 | 0.3 | <0.01 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217497 | Soil | 13 | 0.26 | 107 | 0.012 | 1 | 0.82 | 0.003 | 0.03 | <0.1 | 0.07 | 1.4 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217498 | Soil | 15 | 0.26 | 111 | 0.009 | <1 | 1.08 | 0.003 | 0.03 | <0.1 | 0.05 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217499 | Soil | 14 | 0.25 | 71 | 0.022 | <1 | 0.72 | 0.002 | 0.03 | 0.4 | 0.03 | 1.4 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217500 | Soil | 16 | 0.44 | 77 | 0.003 | <1 | 1.35 | 0.003 | 0.04 | <0.1 | <0.01 | 0.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218501 | Soil | 15 | 0.30 | 100 | 0.018 | <1 | 0.99 | 0.003 | 0.04 | 0.2 | 0.02 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218502 | Soil | 14 | 0.27 | 95 | 0.016 | <1 | 0.83 | 0.002 | 0.03 | 0.2 | 0.02 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218503 | Soil | 14 | 0.29 | 86 | 0.008 | <1 | 0.91 | 0.002 | 0.03 | 0.1 | <0.01 | 1.0 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218504 | Soil | 19 | 0.33 | 165 | 0.028 | <1 | 1.06 | 0.005 | 0.03 | 0.2 | 0.02 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218505 | Soil | 14 | 0.24 | 139 | 0.017 | <1 | 0.96 | 0.002 | 0.03 | 0.1 | <0.01 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218506 | Soil | 14 | 0.28 | 126 | 0.015 | <1 | 0.94 | 0.003 | 0.04 | 0.2 | 0.03 | 1.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218507 | Soil | 16 | 0.28 | 96 | 0.025 | <1 | 0.88 | 0.003 | 0.04 | 0.3 | 0.01 | 2.4 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218508 | Soil | 17 | 0.28 | 123 | 0.022 | 1 | 1.03 | 0.003 | 0.03 | 0.2 | 0.01 | 1.6 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1218509 | Soil | 15 | 0.27 | 175 | 0.015 | <1 | 0.98 | 0.004 | 0.04 | 0.1 | 0.03 | 2.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218510 | Soil | 17 | 0.29 | 188 | 0.023 | <1 | 0.89 | 0.004 | 0.03 | 0.3 | 0.01 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

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Project: Oliver
 Report Date: January 03, 2012

Page: 4 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000757.2

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1218511 | Soil | 0.9 | 28.0 | 10.1 | 59 | <0.1 | 21.8 | 9.1 | 264 | 2.12 | 9.0 | 22.8 | 6.7 | 7 | 0.1 | 0.8 | 0.1 | 27 | 0.04 | 0.021 | 23 |
| 1218512 | Soil | 1.1 | 26.6 | 9.6 | 59 | <0.1 | 22.3 | 8.4 | 254 | 2.21 | 9.0 | 3.7 | 6.3 | 10 | <0.1 | 0.8 | 0.1 | 32 | 0.07 | 0.017 | 21 |
| 1218513 | Soil | 0.9 | 13.1 | 8.5 | 45 | <0.1 | 13.9 | 8.3 | 263 | 1.85 | 8.4 | 2.4 | 3.6 | 7 | <0.1 | 0.5 | 0.1 | 31 | 0.06 | 0.037 | 15 |
| 1218514 | Soil | 0.8 | 12.6 | 8.2 | 42 | <0.1 | 12.6 | 7.0 | 212 | 1.97 | 10.3 | 2.2 | 3.2 | 7 | <0.1 | 0.6 | 0.1 | 29 | 0.05 | 0.032 | 12 |
| 1218515 | Soil | 0.7 | 21.6 | 8.9 | 57 | <0.1 | 23.9 | 10.2 | 318 | 2.12 | 10.4 | 1.6 | 5.8 | 10 | 0.2 | 0.7 | 0.1 | 24 | 0.10 | 0.049 | 22 |
| 1218516 | Soil | 0.7 | 23.0 | 9.3 | 53 | <0.1 | 23.6 | 8.8 | 265 | 2.40 | 15.0 | 4.0 | 7.0 | 9 | <0.1 | 0.5 | 0.2 | 24 | 0.07 | 0.034 | 32 |
| 1218517 | Soil | 1.2 | 17.3 | 10.2 | 66 | <0.1 | 19.6 | 8.1 | 295 | 2.33 | 11.8 | 1.5 | 1.3 | 10 | 0.2 | 0.8 | 0.2 | 36 | 0.11 | 0.054 | 15 |
| 1218518 | Soil | 1.3 | 12.3 | 12.0 | 59 | <0.1 | 14.3 | 6.8 | 336 | 2.52 | 12.5 | 1.2 | 0.3 | 8 | 0.1 | 0.8 | 0.2 | 47 | 0.06 | 0.054 | 11 |
| 1218519 | Soil | 0.9 | 13.0 | 10.5 | 44 | <0.1 | 15.0 | 6.2 | 259 | 2.04 | 12.7 | 2.9 | 1.4 | 7 | <0.1 | 0.7 | 0.2 | 30 | 0.06 | 0.043 | 12 |
| 1218520 | Soil | 1.1 | 15.3 | 11.7 | 67 | <0.1 | 17.0 | 8.3 | 410 | 2.33 | 14.5 | 1.8 | 0.5 | 9 | 0.2 | 0.6 | 0.2 | 41 | 0.08 | 0.065 | 13 |
| 1218521 | Soil | 0.9 | 24.5 | 11.0 | 65 | <0.1 | 19.9 | 7.9 | 277 | 2.36 | 12.9 | 6.7 | 1.9 | 8 | 0.2 | 0.8 | 0.2 | 34 | 0.08 | 0.052 | 19 |
| 1218522 | Soil | 0.5 | 31.9 | 14.5 | 70 | <0.1 | 31.2 | 14.3 | 523 | 2.63 | 8.6 | 6.0 | 9.3 | 7 | 0.1 | 0.4 | 0.2 | 17 | 0.07 | 0.036 | 36 |
| 1218523 | Soil | 1.1 | 16.7 | 10.9 | 52 | <0.1 | 16.2 | 7.9 | 288 | 2.33 | 11.3 | 5.3 | 1.2 | 6 | 0.3 | 0.7 | 0.3 | 31 | 0.05 | 0.063 | 13 |
| 1218524 | Soil | 0.7 | 20.2 | 8.7 | 58 | <0.1 | 19.5 | 8.0 | 277 | 2.07 | 10.1 | 43.9 | 4.4 | 6 | 0.1 | 0.7 | 0.2 | 20 | 0.07 | 0.047 | 18 |
| 1218525 | Soil | 0.7 | 20.7 | 8.3 | 54 | <0.1 | 22.5 | 10.3 | 396 | 1.99 | 8.7 | 1.3 | 3.9 | 7 | 0.2 | 0.5 | 0.2 | 19 | 0.07 | 0.052 | 21 |
| 1218526 | Soil | 0.8 | 13.3 | 9.8 | 39 | <0.1 | 13.6 | 4.7 | 187 | 1.90 | 8.7 | 4.6 | 1.2 | 4 | <0.1 | 0.5 | 0.2 | 24 | 0.03 | 0.041 | 18 |
| 1218527 | Soil | 0.5 | 48.8 | 25.5 | 80 | <0.1 | 46.7 | 24.4 | 1227 | 3.68 | 6.6 | 0.7 | 15.0 | 10 | 0.1 | 0.1 | 0.4 | 11 | 0.06 | 0.043 | 69 |
| 1218528 | Soil | 0.9 | 21.8 | 8.9 | 47 | <0.1 | 15.7 | 7.6 | 281 | 2.20 | 9.5 | 44.1 | 0.9 | 5 | <0.1 | 0.4 | 0.2 | 22 | 0.03 | 0.051 | 27 |
| 1218529 | Soil | 1.1 | 11.3 | 9.6 | 27 | 0.1 | 9.5 | 3.8 | 117 | 1.96 | 9.6 | 0.9 | 0.4 | 5 | <0.1 | 0.4 | 0.2 | 33 | 0.04 | 0.041 | 11 |
| 1218530 | Soil | 0.7 | 25.4 | 9.4 | 59 | <0.1 | 23.3 | 11.5 | 395 | 2.59 | 9.2 | 1.8 | 5.9 | 5 | 0.2 | 0.4 | 0.2 | 21 | 0.04 | 0.046 | 31 |
| 1218531 | Soil | 1.0 | 15.2 | 10.2 | 41 | <0.1 | 12.6 | 6.0 | 189 | 2.15 | 10.2 | 1.8 | 1.4 | 6 | <0.1 | 0.5 | 0.2 | 31 | 0.05 | 0.057 | 16 |
| 1218532 | Soil | 0.8 | 20.4 | 10.9 | 42 | <0.1 | 16.8 | 7.9 | 228 | 2.30 | 9.3 | 3.8 | 6.9 | 7 | 0.1 | 0.5 | 0.2 | 27 | 0.05 | 0.034 | 26 |
| 1218533 | Soil | 0.5 | 34.9 | 15.0 | 94 | <0.1 | 37.1 | 20.0 | 879 | 4.15 | 11.0 | 2.3 | 11.9 | 10 | <0.1 | 0.4 | 0.3 | 16 | 0.06 | 0.050 | 44 |
| 1218534 | Soil | 0.9 | 22.4 | 10.9 | 49 | <0.1 | 21.0 | 8.3 | 215 | 2.56 | 13.2 | 19.5 | 7.7 | 4 | 0.2 | 0.6 | 0.2 | 27 | 0.03 | 0.026 | 25 |
| 1218535 | Soil | 0.7 | 16.5 | 11.1 | 46 | <0.1 | 17.1 | 8.8 | 306 | 1.98 | 13.0 | 3.0 | 4.9 | 6 | <0.1 | 0.7 | 0.2 | 26 | 0.06 | 0.032 | 15 |
| 1218536 | Soil | 0.8 | 41.0 | 12.2 | 79 | 0.1 | 36.2 | 15.8 | 408 | 3.23 | 8.8 | 0.9 | 13.9 | 7 | <0.1 | 0.5 | 0.3 | 13 | 0.05 | 0.040 | 53 |
| 1218537 | Soil | 1.2 | 34.5 | 15.8 | 82 | <0.1 | 36.8 | 19.0 | 694 | 3.72 | 8.8 | 1.8 | 10.4 | 6 | 0.2 | 0.5 | 0.3 | 24 | 0.04 | 0.044 | 34 |
| 1218538 | Soil | 1.0 | 15.6 | 9.8 | 32 | <0.1 | 14.3 | 4.8 | 108 | 1.69 | 9.9 | 1.8 | 0.6 | 5 | <0.1 | 0.8 | 0.2 | 27 | 0.02 | 0.047 | 15 |
| 1218539 | Soil | 0.7 | 17.7 | 8.4 | 41 | <0.1 | 14.6 | 7.6 | 211 | 1.96 | 11.7 | 3.7 | 3.9 | 6 | <0.1 | 0.6 | 0.2 | 29 | 0.04 | 0.024 | 14 |
| 1218540 | Soil | 0.7 | 12.2 | 10.5 | 39 | <0.1 | 16.6 | 7.0 | 164 | 1.82 | 12.8 | 3.1 | 4.3 | 4 | 0.2 | 0.7 | 0.1 | 24 | 0.04 | 0.019 | 10 |

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Project: Oliver
 Report Date: January 03, 2012

Page: 4 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000757.2

| Method | Analyte | Unit | MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | | |
|---------|---------|------|-----|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| | | | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| | | | | ppm | % | ppm | % | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | | |
| | | | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1218511 | Soil | | | 17 | 0.31 | 120 | 0.023 | <1 | 0.97 | 0.004 | 0.04 | 0.2 | 0.03 | 3.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218512 | Soil | | | 19 | 0.33 | 281 | 0.029 | <1 | 1.04 | 0.005 | 0.04 | 0.2 | 0.02 | 2.5 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1218513 | Soil | | | 17 | 0.31 | 188 | 0.024 | <1 | 1.03 | 0.004 | 0.03 | 0.2 | 0.01 | 2.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218514 | Soil | | | 18 | 0.32 | 108 | 0.022 | <1 | 1.01 | 0.003 | 0.03 | 0.3 | 0.02 | 1.6 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1218515 | Soil | | | 16 | 0.34 | 109 | 0.023 | <1 | 0.97 | 0.003 | 0.03 | 0.2 | 0.02 | 1.7 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218516 | Soil | | | 16 | 0.30 | 142 | 0.017 | <1 | 0.95 | 0.003 | 0.04 | 0.1 | 0.03 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218517 | Soil | | | 20 | 0.35 | 81 | 0.027 | <1 | 1.22 | 0.004 | 0.04 | 0.3 | 0.01 | 1.2 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1218518 | Soil | | | 24 | 0.34 | 87 | 0.023 | <1 | 1.54 | 0.005 | 0.04 | 0.2 | 0.03 | 1.0 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| 1218519 | Soil | | | 17 | 0.27 | 71 | 0.018 | <1 | 0.82 | 0.004 | 0.03 | 0.3 | <0.01 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218520 | Soil | | | 22 | 0.36 | 91 | 0.023 | <1 | 1.35 | 0.006 | 0.04 | 0.3 | 0.02 | 1.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218521 | Soil | | | 21 | 0.34 | 120 | 0.021 | <1 | 1.18 | 0.004 | 0.04 | 0.3 | 0.02 | 1.7 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1218522 | Soil | | | 18 | 0.44 | 182 | 0.011 | <1 | 1.18 | 0.004 | 0.03 | <0.1 | <0.01 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218523 | Soil | | | 19 | 0.30 | 90 | 0.012 | 3 | 1.14 | 0.003 | 0.03 | 0.2 | 0.06 | 1.2 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1218524 | Soil | | | 15 | 0.26 | 86 | 0.014 | 2 | 0.80 | 0.003 | 0.03 | 0.2 | 0.02 | 1.7 | <0.1 | <0.05 | 2 | 0.8 | <0.2 |
| 1218525 | Soil | | | 17 | 0.33 | 92 | 0.013 | 2 | 0.92 | 0.004 | 0.03 | 0.2 | <0.01 | 1.6 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1218526 | Soil | | | 16 | 0.24 | 49 | 0.011 | 2 | 0.93 | 0.003 | 0.02 | 0.2 | 0.02 | 0.9 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 1218527 | Soil | | | 21 | 0.64 | 33 | 0.003 | <1 | 1.57 | 0.002 | 0.03 | <0.1 | <0.01 | 1.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218528 | Soil | | | 15 | 0.23 | 49 | 0.007 | 2 | 0.86 | 0.003 | 0.03 | 0.2 | 0.03 | 0.6 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1218529 | Soil | | | 15 | 0.17 | 59 | 0.011 | 2 | 0.92 | 0.003 | 0.02 | 0.3 | 0.02 | 0.8 | <0.1 | <0.05 | 4 | 1.2 | <0.2 |
| 1218530 | Soil | | | 15 | 0.28 | 74 | 0.009 | 2 | 1.01 | 0.005 | 0.02 | 0.1 | 0.04 | 1.5 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1218531 | Soil | | | 19 | 0.27 | 96 | 0.015 | 2 | 1.18 | 0.005 | 0.03 | 0.2 | 0.06 | 1.3 | <0.1 | <0.05 | 4 | 0.9 | <0.2 |
| 1218532 | Soil | | | 18 | 0.29 | 179 | 0.015 | <1 | 1.11 | 0.004 | 0.03 | 0.2 | 0.04 | 2.3 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1218533 | Soil | | | 9 | 0.11 | 78 | <0.001 | <1 | 0.56 | 0.004 | 0.04 | <0.1 | 0.11 | 2.7 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218534 | Soil | | | 19 | 0.31 | 58 | 0.013 | 2 | 1.17 | 0.003 | 0.03 | 0.2 | 0.04 | 1.4 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 1218535 | Soil | | | 15 | 0.27 | 83 | 0.018 | 1 | 0.92 | 0.003 | 0.03 | 0.2 | 0.03 | 1.8 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 1218536 | Soil | | | 11 | 0.20 | 130 | 0.005 | <1 | 0.65 | 0.004 | 0.03 | <0.1 | 0.06 | 1.9 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 1218537 | Soil | | | 17 | 0.20 | 116 | 0.008 | <1 | 1.12 | 0.004 | 0.03 | <0.1 | 0.09 | 2.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218538 | Soil | | | 16 | 0.14 | 63 | 0.009 | <1 | 0.83 | 0.004 | 0.03 | 0.1 | 0.03 | 1.1 | 0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1218539 | Soil | | | 18 | 0.27 | 108 | 0.021 | 1 | 1.15 | 0.003 | 0.03 | 0.2 | 0.02 | 1.8 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 1218540 | Soil | | | 15 | 0.23 | 74 | 0.015 | 1 | 0.97 | 0.003 | 0.03 | 0.3 | 0.03 | 1.4 | <0.1 | <0.05 | 2 | 0.8 | <0.2 |

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Project: Oliver
 Report Date: January 03, 2012

Page: 5 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000757.2

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | MDL | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1218541 | Soil | 1.1 | 12.5 | 12.6 | 43 | <0.1 | 14.4 | 6.6 | 238 | 2.28 | 11.4 | <0.5 | 3.8 | 6 | 0.1 | 0.6 | 0.2 | 44 | 0.05 | 0.034 | 15 |
| 1218542 | Soil | 0.7 | 15.3 | 8.2 | 40 | <0.1 | 15.0 | 6.6 | 254 | 1.69 | 14.5 | 2.0 | 3.9 | 7 | <0.1 | 0.8 | 0.1 | 19 | 0.09 | 0.055 | 13 |
| 1218543 | Soil | 0.6 | 11.8 | 10.4 | 35 | <0.1 | 15.5 | 8.9 | 390 | 1.66 | 10.4 | <0.5 | 2.5 | 7 | 0.1 | 0.6 | 0.1 | 21 | 0.07 | 0.043 | 10 |
| 1218544 | Soil | 0.7 | 14.7 | 9.9 | 37 | <0.1 | 15.4 | 5.3 | 208 | 1.75 | 12.0 | 3.0 | 1.9 | 4 | <0.1 | 0.6 | 0.2 | 22 | 0.05 | 0.030 | 11 |
| 1218545 | Soil | 0.9 | 10.8 | 8.3 | 33 | <0.1 | 12.1 | 4.4 | 142 | 1.50 | 9.1 | 2.0 | 2.0 | 6 | <0.1 | 0.5 | 0.1 | 21 | 0.07 | 0.043 | 9 |
| 1218546 | Soil | 0.8 | 11.3 | 8.5 | 39 | <0.1 | 13.3 | 7.1 | 183 | 1.87 | 11.9 | 1.4 | 3.6 | 5 | <0.1 | 0.7 | 0.1 | 26 | 0.05 | 0.032 | 11 |
| 1218547 | Soil | 0.9 | 14.1 | 5.6 | 37 | <0.1 | 13.4 | 4.5 | 148 | 1.58 | 9.5 | 0.9 | 1.7 | 4 | <0.1 | 0.5 | 0.2 | 21 | 0.03 | 0.024 | 15 |
| 1218548 | Soil | 1.0 | 21.6 | 9.5 | 53 | <0.1 | 19.6 | 8.1 | 205 | 2.39 | 9.7 | 5.6 | 4.6 | 6 | 0.2 | 0.6 | 0.2 | 30 | 0.07 | 0.056 | 23 |
| 1218549 | Soil | 0.8 | 20.4 | 7.9 | 43 | <0.1 | 13.0 | 5.4 | 153 | 1.93 | 9.5 | 1.8 | 2.4 | 8 | <0.1 | 0.6 | 0.1 | 27 | 0.08 | 0.056 | 13 |
| 1218550 | Soil | 0.7 | 13.5 | 8.4 | 35 | <0.1 | 13.8 | 5.4 | 175 | 2.13 | 10.0 | 1.4 | 1.4 | 5 | <0.1 | 0.5 | 0.1 | 23 | 0.05 | 0.044 | 14 |
| 1218551 | Soil | 0.8 | 15.4 | 8.5 | 36 | <0.1 | 13.2 | 6.1 | 201 | 1.76 | 10.0 | 11.1 | 2.3 | 6 | <0.1 | 0.6 | 0.1 | 27 | 0.06 | 0.060 | 14 |
| 1218552 | Soil | 1.0 | 13.9 | 9.4 | 48 | <0.1 | 16.1 | 6.9 | 221 | 2.17 | 11.7 | 1.7 | 3.2 | 7 | <0.1 | 0.6 | 0.1 | 36 | 0.06 | 0.029 | 12 |
| 1218553 | Soil | 0.8 | 13.9 | 9.6 | 46 | <0.1 | 16.4 | 7.1 | 223 | 2.21 | 11.0 | 3.6 | 4.8 | 6 | <0.1 | 0.8 | 0.2 | 30 | 0.04 | 0.042 | 14 |
| 1218554 | Soil | 0.8 | 19.4 | 10.4 | 45 | <0.1 | 18.5 | 6.8 | 166 | 2.19 | 11.7 | <0.5 | 6.2 | 6 | <0.1 | 0.4 | 0.2 | 29 | 0.05 | 0.035 | 20 |
| 1218555 | Soil | 0.8 | 17.9 | 8.7 | 44 | <0.1 | 16.0 | 7.4 | 227 | 2.09 | 11.3 | 3.3 | 3.6 | 7 | <0.1 | 0.6 | 0.1 | 27 | 0.08 | 0.051 | 15 |
| 1218556 | Soil | 0.6 | 16.3 | 9.4 | 52 | <0.1 | 16.7 | 7.9 | 323 | 1.94 | 11.9 | 1.9 | 4.2 | 6 | 0.1 | 0.7 | 0.1 | 24 | 0.05 | 0.040 | 10 |
| 1218557 | Soil | 0.8 | 32.6 | 9.8 | 55 | <0.1 | 20.3 | 10.7 | 427 | 2.37 | 12.2 | 1.2 | 4.9 | 8 | 0.1 | 0.8 | 0.1 | 36 | 0.06 | 0.037 | 18 |
| 1218558 | Soil | 0.8 | 14.3 | 9.4 | 43 | <0.1 | 13.9 | 6.9 | 172 | 2.03 | 11.1 | 2.8 | 4.3 | 6 | <0.1 | 0.5 | 0.2 | 31 | 0.05 | 0.036 | 10 |
| 1218559 | Soil | 0.9 | 24.4 | 9.7 | 51 | <0.1 | 19.2 | 7.5 | 165 | 2.16 | 11.1 | 3.1 | 4.7 | 6 | 0.1 | 0.7 | 0.2 | 34 | 0.04 | 0.024 | 15 |
| 1218560 | Soil | 0.9 | 17.9 | 9.9 | 46 | 0.1 | 16.8 | 7.6 | 170 | 2.15 | 11.2 | 3.3 | 5.0 | 7 | <0.1 | 0.6 | 0.2 | 38 | 0.05 | 0.020 | 11 |
| 1217151 | Soil | 0.5 | 30.6 | 16.4 | 77 | <0.1 | 26.7 | 12.2 | 458 | 3.27 | 59.2 | 41.2 | 17.2 | 17 | 0.1 | 0.8 | 0.4 | 16 | 0.27 | 0.049 | 46 |
| 1217152 | Soil | 0.6 | 23.8 | 14.7 | 62 | <0.1 | 23.7 | 8.6 | 308 | 2.60 | 50.7 | 40.7 | 11.5 | 30 | <0.1 | 0.9 | 0.3 | 17 | 0.42 | 0.039 | 34 |
| 1217153 | Soil | 0.5 | 18.1 | 12.1 | 57 | <0.1 | 17.3 | 7.8 | 339 | 1.93 | 9.0 | 3.1 | 7.3 | 35 | 0.1 | 0.9 | 0.3 | 15 | 0.62 | 0.056 | 26 |
| 1217154 | Soil | 0.5 | 34.1 | 15.7 | 92 | <0.1 | 30.9 | 12.4 | 443 | 3.49 | 9.5 | 1.9 | 17.5 | 17 | <0.1 | 0.9 | 0.5 | 17 | 0.28 | 0.056 | 50 |
| 1217155 | Soil | 0.6 | 19.5 | 11.7 | 55 | <0.1 | 17.5 | 7.4 | 309 | 2.03 | 14.2 | 4.4 | 9.1 | 21 | <0.1 | 1.5 | 0.2 | 20 | 0.33 | 0.049 | 27 |
| 1217156 | Soil | 0.6 | 18.0 | 14.9 | 50 | <0.1 | 16.9 | 9.8 | 442 | 2.25 | 8.4 | 3.1 | 7.4 | 36 | 0.1 | 0.7 | 0.3 | 19 | 0.49 | 0.043 | 32 |
| 1217157 | Soil | 0.6 | 25.5 | 17.4 | 57 | <0.1 | 20.6 | 8.8 | 375 | 2.80 | 7.9 | <0.5 | 10.3 | 8 | <0.1 | 0.4 | 0.4 | 17 | 0.08 | 0.033 | 33 |
| 1217158 | Soil | 0.7 | 16.0 | 13.2 | 45 | <0.1 | 16.2 | 8.0 | 503 | 2.07 | 10.7 | 1.0 | 7.1 | 12 | 0.1 | 0.4 | 0.2 | 19 | 0.13 | 0.027 | 24 |
| 1217159 | Soil | 0.7 | 18.9 | 12.8 | 45 | <0.1 | 18.6 | 7.0 | 162 | 2.05 | 9.5 | 1.8 | 7.2 | 13 | <0.1 | 0.5 | 0.2 | 25 | 0.13 | 0.017 | 18 |
| 1217160 | Soil | 0.4 | 25.2 | 14.0 | 59 | 0.1 | 23.3 | 9.5 | 460 | 2.43 | 12.0 | 0.7 | 10.2 | 13 | 0.2 | 0.5 | 0.2 | 18 | 0.21 | 0.035 | 35 |

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Project: Oliver
 Report Date: January 03, 2012

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CERTIFICATE OF ANALYSIS

WHI11000757.2

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1218541 | Soil | 22 | 0.27 | 92 | 0.024 | 2 | 1.39 | 0.004 | 0.02 | 0.3 | 0.05 | 2.4 | 0.1 | <0.05 | 5 | 1.0 | <0.2 |
| 1218542 | Soil | 12 | 0.23 | 60 | 0.014 | 1 | 0.68 | 0.004 | 0.03 | 0.2 | <0.01 | 1.4 | <0.1 | <0.05 | 2 | 0.9 | <0.2 |
| 1218543 | Soil | 13 | 0.21 | 78 | 0.014 | <1 | 0.79 | 0.002 | 0.02 | 0.2 | <0.01 | 1.1 | <0.1 | <0.05 | 2 | 0.8 | <0.2 |
| 1218544 | Soil | 13 | 0.25 | 70 | 0.012 | <1 | 0.78 | 0.003 | 0.02 | 0.2 | 0.03 | 1.1 | 0.2 | <0.05 | 2 | 1.1 | <0.2 |
| 1218545 | Soil | 11 | 0.20 | 58 | 0.010 | 4 | 0.60 | 0.003 | 0.02 | 0.1 | <0.01 | 1.1 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218546 | Soil | 17 | 0.26 | 76 | 0.018 | 2 | 0.99 | 0.004 | 0.02 | 0.2 | 0.02 | 1.7 | <0.1 | <0.05 | 2 | 0.7 | <0.2 |
| 1218547 | Soil | 13 | 0.24 | 36 | 0.012 | <1 | 0.67 | 0.004 | 0.02 | 0.2 | 0.03 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218548 | Soil | 22 | 0.36 | 81 | 0.017 | <1 | 1.25 | 0.003 | 0.03 | 0.2 | 0.03 | 1.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218549 | Soil | 16 | 0.26 | 96 | 0.016 | <1 | 0.98 | 0.003 | 0.02 | 0.2 | 0.04 | 1.7 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 1218550 | Soil | 16 | 0.25 | 53 | 0.012 | <1 | 0.80 | 0.003 | 0.02 | 0.3 | 0.01 | 0.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218551 | Soil | 17 | 0.27 | 105 | 0.016 | <1 | 0.95 | 0.003 | 0.03 | 0.2 | 0.03 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218552 | Soil | 21 | 0.32 | 167 | 0.023 | <1 | 1.29 | 0.004 | 0.03 | 0.2 | 0.01 | 2.1 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1218553 | Soil | 18 | 0.26 | 116 | 0.020 | <1 | 1.05 | 0.004 | 0.03 | 0.3 | 0.04 | 1.8 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1218554 | Soil | 20 | 0.36 | 116 | 0.015 | <1 | 1.14 | 0.003 | 0.04 | 0.1 | 0.03 | 2.0 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 1218555 | Soil | 18 | 0.30 | 128 | 0.017 | <1 | 1.00 | 0.004 | 0.03 | 0.2 | 0.04 | 2.2 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 1218556 | Soil | 16 | 0.26 | 79 | 0.015 | 1 | 1.00 | 0.003 | 0.03 | 0.2 | 0.03 | 1.3 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 1218557 | Soil | 21 | 0.38 | 191 | 0.028 | <1 | 1.39 | 0.005 | 0.04 | 0.2 | 0.08 | 3.8 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 1218558 | Soil | 19 | 0.28 | 116 | 0.020 | <1 | 1.14 | 0.004 | 0.03 | 0.2 | 0.03 | 1.7 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 1218559 | Soil | 21 | 0.29 | 162 | 0.020 | <1 | 1.22 | 0.004 | 0.04 | 0.3 | 0.04 | 3.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218560 | Soil | 23 | 0.29 | 162 | 0.027 | <1 | 1.33 | 0.004 | 0.04 | 0.2 | 0.02 | 2.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217151 | Soil | 19 | 0.52 | 120 | 0.005 | <1 | 1.37 | 0.004 | 0.06 | 0.2 | 0.03 | 2.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217152 | Soil | 18 | 0.34 | 145 | 0.005 | <1 | 1.08 | 0.004 | 0.06 | 0.2 | 0.07 | 2.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217153 | Soil | 14 | 0.26 | 147 | 0.009 | 1 | 0.83 | 0.004 | 0.04 | 0.6 | 0.05 | 1.6 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 1217154 | Soil | 17 | 0.45 | 92 | 0.009 | <1 | 1.12 | 0.004 | 0.05 | 0.2 | 0.04 | 2.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217155 | Soil | 17 | 0.33 | 128 | 0.019 | <1 | 0.91 | 0.006 | 0.06 | 0.5 | 0.04 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217156 | Soil | 14 | 0.27 | 169 | 0.007 | <1 | 0.94 | 0.005 | 0.07 | 0.2 | 0.06 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217157 | Soil | 13 | 0.27 | 87 | 0.005 | <1 | 0.99 | 0.003 | 0.06 | 0.1 | 0.02 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217158 | Soil | 11 | 0.17 | 194 | 0.007 | <1 | 0.76 | 0.003 | 0.08 | 0.2 | 0.02 | 1.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217159 | Soil | 15 | 0.22 | 143 | 0.008 | <1 | 0.89 | 0.005 | 0.05 | 0.1 | 0.02 | 1.5 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217160 | Soil | 14 | 0.30 | 172 | 0.008 | 1 | 1.00 | 0.003 | 0.07 | <0.1 | 0.02 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |



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Project: Oliver
 Report Date: January 03, 2012

Page: 6 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000757.2

| Method Analyte | Unit | MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|----------------|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| | | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1217161 | Soil | | 0.6 | 6.9 | 10.8 | 33 | <0.1 | 12.3 | 5.2 | 82 | 1.64 | 6.4 | 3.8 | 4.4 | 6 | <0.1 | 0.4 | 0.1 | 32 | 0.07 | 0.011 | 14 |
| 1217162 | Soil | | 0.6 | 19.6 | 12.1 | 43 | <0.1 | 22.9 | 7.5 | 413 | 1.96 | 9.8 | 1.7 | 5.3 | 25 | 0.1 | 0.4 | 0.2 | 22 | 0.48 | 0.029 | 26 |
| 1217163 | Soil | | 0.5 | 13.0 | 10.2 | 39 | <0.1 | 13.6 | 6.5 | 355 | 1.46 | 6.9 | 1.2 | 3.5 | 42 | 0.1 | 0.6 | 0.1 | 17 | 0.75 | 0.042 | 15 |
| 1217164 | Soil | | 0.7 | 13.7 | 13.4 | 41 | <0.1 | 16.2 | 6.3 | 174 | 1.88 | 7.2 | 1.4 | 6.7 | 26 | <0.1 | 1.2 | 0.2 | 14 | 0.40 | 0.022 | 23 |
| 1217165 | Soil | | 0.8 | 17.5 | 12.7 | 56 | 0.1 | 23.5 | 9.1 | 300 | 2.33 | 7.5 | 1.5 | 7.1 | 33 | 0.1 | 1.0 | 0.2 | 30 | 0.59 | 0.052 | 23 |
| 1217166 | Soil | | 0.4 | 14.9 | 11.1 | 38 | <0.1 | 16.3 | 6.8 | 309 | 1.65 | 5.3 | 2.4 | 4.7 | 56 | <0.1 | 0.4 | 0.1 | 13 | 0.91 | 0.031 | 22 |
| 1217167 | Soil | | 0.3 | 16.0 | 11.6 | 56 | <0.1 | 16.8 | 7.6 | 285 | 1.72 | 6.3 | 0.5 | 5.7 | 70 | <0.1 | 0.4 | 0.2 | 14 | 0.99 | 0.041 | 22 |
| 1217168 | Soil | | 0.4 | 17.0 | 11.7 | 49 | <0.1 | 18.0 | 7.4 | 338 | 1.73 | 13.1 | 0.5 | 5.5 | 51 | <0.1 | 0.4 | 0.2 | 12 | 0.83 | 0.038 | 23 |
| 1217169 | Soil | | 0.4 | 19.4 | 11.8 | 48 | <0.1 | 19.6 | 7.5 | 275 | 1.85 | 11.3 | 1.9 | 6.1 | 34 | 0.1 | 0.5 | 0.2 | 15 | 0.51 | 0.036 | 22 |
| 1217170 | Soil | | 0.5 | 20.1 | 12.3 | 51 | <0.1 | 21.6 | 8.4 | 339 | 2.07 | 9.5 | 2.0 | 7.2 | 34 | <0.1 | 0.6 | 0.2 | 13 | 0.49 | 0.040 | 26 |
| 1217171 | Soil | | 0.7 | 21.7 | 12.8 | 47 | <0.1 | 21.5 | 8.3 | 358 | 2.15 | 14.6 | 4.9 | 5.2 | 47 | <0.1 | 0.6 | 0.2 | 15 | 0.69 | 0.031 | 24 |
| 1217172 | Soil | | 0.4 | 14.7 | 10.6 | 50 | <0.1 | 15.1 | 6.6 | 285 | 1.65 | 15.8 | 5.0 | 4.6 | 53 | <0.1 | 0.4 | 0.2 | 15 | 0.68 | 0.039 | 19 |
| 1217173 | Soil | | 0.6 | 20.7 | 13.4 | 50 | <0.1 | 19.2 | 6.8 | 163 | 1.87 | 10.3 | 1.9 | 6.7 | 33 | 0.1 | 0.5 | 0.2 | 15 | 0.54 | 0.042 | 24 |
| 1217174 | Soil | | 0.4 | 19.8 | 11.9 | 52 | <0.1 | 19.6 | 8.3 | 339 | 1.95 | 19.3 | 3.2 | 6.3 | 43 | <0.1 | 0.5 | 0.2 | 15 | 0.69 | 0.044 | 24 |
| 1217175 | Soil | | 0.5 | 18.6 | 9.3 | 43 | <0.1 | 16.9 | 6.1 | 133 | 2.00 | 16.9 | 1.7 | 7.3 | 6 | <0.1 | 0.7 | 0.2 | 13 | 0.07 | 0.023 | 18 |
| 1217176 | Soil | | 1.1 | 20.4 | 22.6 | 37 | 0.3 | 25.3 | 8.1 | 273 | 2.81 | 29.8 | 16.5 | 7.0 | 7 | <0.1 | 0.8 | 0.3 | 23 | 0.06 | 0.044 | 15 |
| 1217177 | Soil | | 0.9 | 20.8 | 11.7 | 51 | <0.1 | 21.0 | 8.1 | 359 | 2.23 | 24.2 | 1.2 | 8.0 | 15 | <0.1 | 0.6 | 0.2 | 15 | 0.24 | 0.026 | 25 |
| 1217178 | Soil | | 0.6 | 21.7 | 14.8 | 62 | <0.1 | 24.8 | 10.1 | 283 | 2.49 | 17.9 | 1.3 | 9.9 | 32 | 0.1 | 0.8 | 0.2 | 15 | 0.60 | 0.042 | 30 |
| 1217179 | Soil | | 0.7 | 28.9 | 13.5 | 65 | <0.1 | 32.5 | 12.7 | 364 | 2.56 | 34.8 | 11.0 | 13.0 | 40 | <0.1 | 1.4 | 0.3 | 9 | 0.36 | 0.046 | 44 |
| 1217180 | Soil | | 0.8 | 27.5 | 13.1 | 59 | <0.1 | 29.1 | 11.0 | 249 | 2.57 | 26.3 | 5.4 | 12.3 | 26 | <0.1 | 1.3 | 0.3 | 12 | 0.36 | 0.043 | 36 |
| 1217181 | Soil | | 0.9 | 19.1 | 12.5 | 46 | <0.1 | 20.0 | 7.4 | 171 | 2.34 | 9.6 | 0.8 | 6.7 | 8 | <0.1 | 0.5 | 0.2 | 28 | 0.06 | 0.019 | 16 |
| 1217182 | Soil | | 0.7 | 12.7 | 10.3 | 33 | <0.1 | 14.7 | 5.0 | 102 | 1.88 | 8.2 | <0.5 | 4.8 | 8 | <0.1 | 0.5 | 0.2 | 26 | 0.07 | 0.014 | 14 |
| 1217183 | Soil | | 1.2 | 9.2 | 10.3 | 35 | <0.1 | 11.3 | 4.5 | 104 | 2.11 | 11.3 | 0.6 | 3.5 | 9 | <0.1 | 0.5 | 0.2 | 41 | 0.12 | 0.019 | 11 |
| 1217184 | Soil | | 0.9 | 13.9 | 10.2 | 40 | <0.1 | 15.1 | 6.4 | 171 | 2.11 | 9.5 | <0.5 | 4.1 | 8 | <0.1 | 0.5 | 0.2 | 40 | 0.09 | 0.018 | 11 |
| 1217185 | Soil | | 0.4 | 5.7 | 9.0 | 22 | <0.1 | 5.9 | 2.5 | 78 | 1.21 | 3.6 | 23.6 | 4.0 | 7 | <0.1 | 0.3 | 0.2 | 21 | 0.04 | 0.019 | 22 |
| 1217186 | Soil | | 0.8 | 42.0 | 12.2 | 47 | <0.1 | 19.9 | 7.2 | 182 | 2.19 | 7.1 | 0.9 | 11.2 | 11 | <0.1 | 0.5 | 0.3 | 19 | 0.10 | 0.027 | 26 |
| 1217187 | Soil | | 0.7 | 20.8 | 10.4 | 44 | <0.1 | 18.0 | 7.5 | 200 | 2.04 | 6.6 | 3.4 | 5.5 | 8 | <0.1 | 0.4 | 0.2 | 22 | 0.07 | 0.035 | 27 |
| 1217188 | Soil | | 0.7 | 19.6 | 11.3 | 45 | <0.1 | 16.6 | 8.1 | 267 | 2.30 | 13.7 | 3.8 | 4.6 | 7 | <0.1 | 0.9 | 0.2 | 31 | 0.05 | 0.025 | 17 |
| 1217189 | Soil | | 0.8 | 15.9 | 12.5 | 40 | <0.1 | 20.4 | 9.3 | 181 | 2.04 | 11.0 | 6.7 | 4.6 | 9 | 0.1 | 0.7 | 0.1 | 24 | 0.09 | 0.045 | 14 |
| 1217190 | Soil | | 0.7 | 39.6 | 11.8 | 57 | <0.1 | 23.5 | 11.6 | 242 | 2.30 | 10.8 | 13.9 | 7.4 | 8 | <0.1 | 0.7 | 0.2 | 32 | 0.05 | 0.016 | 36 |

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Project: Oliver
 Report Date: January 03, 2012

Page: 6 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000757.2

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1217161 | Soil | 13 | 0.16 | 101 | 0.015 | <1 | 0.94 | 0.002 | 0.07 | 0.1 | <0.01 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217162 | Soil | 17 | 0.21 | 245 | 0.007 | <1 | 0.98 | 0.005 | 0.06 | 0.1 | 0.04 | 2.2 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1217163 | Soil | 12 | 0.19 | 183 | 0.007 | 1 | 0.61 | 0.004 | 0.05 | 0.2 | 0.08 | 1.6 | <0.1 | <0.05 | 2 | 0.5 | <0.2 |
| 1217164 | Soil | 9 | 0.09 | 150 | 0.003 | 2 | 0.49 | 0.004 | 0.07 | 0.1 | 0.04 | 1.2 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 1217165 | Soil | 37 | 0.29 | 255 | 0.027 | 2 | 0.78 | 0.005 | 0.10 | 0.2 | 0.09 | 3.6 | 0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217166 | Soil | 11 | 0.20 | 174 | 0.006 | 2 | 0.61 | 0.004 | 0.06 | 0.1 | 0.08 | 1.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217167 | Soil | 12 | 0.30 | 157 | 0.008 | 3 | 0.65 | 0.007 | 0.08 | 0.1 | 0.07 | 1.4 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 1217168 | Soil | 12 | 0.21 | 160 | 0.005 | 2 | 0.67 | 0.004 | 0.07 | 0.2 | 0.07 | 1.3 | <0.1 | <0.05 | 2 | 0.5 | <0.2 |
| 1217169 | Soil | 12 | 0.21 | 166 | 0.006 | <1 | 0.66 | 0.004 | 0.06 | 0.2 | 0.09 | 1.8 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217170 | Soil | 12 | 0.19 | 138 | 0.005 | <1 | 0.63 | 0.004 | 0.06 | 0.2 | 0.11 | 1.8 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217171 | Soil | 14 | 0.24 | 161 | 0.004 | 1 | 0.64 | 0.004 | 0.06 | 0.1 | 0.11 | 1.7 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217172 | Soil | 11 | 0.27 | 143 | 0.006 | 2 | 0.58 | 0.004 | 0.06 | 0.3 | 0.09 | 1.5 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 1217173 | Soil | 14 | 0.22 | 133 | 0.007 | 1 | 0.65 | 0.004 | 0.07 | 0.2 | 0.08 | 2.1 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217174 | Soil | 13 | 0.33 | 151 | 0.007 | 1 | 0.78 | 0.004 | 0.08 | <0.1 | 0.07 | 1.6 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217175 | Soil | 12 | 0.21 | 41 | 0.008 | <1 | 0.66 | 0.002 | 0.05 | 0.1 | 0.01 | 1.0 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217176 | Soil | 21 | 0.16 | 104 | 0.006 | <1 | 1.36 | 0.002 | 0.04 | 0.1 | 0.03 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217177 | Soil | 16 | 0.23 | 155 | 0.004 | <1 | 0.82 | 0.003 | 0.07 | 0.1 | 0.03 | 1.2 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217178 | Soil | 17 | 0.29 | 94 | 0.006 | 2 | 0.85 | 0.004 | 0.11 | 0.1 | 0.06 | 1.8 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217179 | Soil | 13 | 0.21 | 69 | 0.001 | <1 | 0.45 | 0.003 | 0.08 | <0.1 | 0.13 | 1.6 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 1217180 | Soil | 16 | 0.30 | 80 | 0.004 | <1 | 0.75 | 0.004 | 0.09 | <0.1 | 0.07 | 1.7 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217181 | Soil | 18 | 0.24 | 132 | 0.013 | <1 | 1.09 | 0.004 | 0.03 | 0.2 | 0.02 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217182 | Soil | 15 | 0.19 | 109 | 0.010 | <1 | 0.89 | 0.004 | 0.04 | 0.1 | 0.01 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217183 | Soil | 19 | 0.24 | 158 | 0.018 | <1 | 1.09 | 0.004 | 0.04 | 0.2 | 0.01 | 1.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217184 | Soil | 22 | 0.25 | 147 | 0.019 | <1 | 1.34 | 0.004 | 0.05 | 0.2 | 0.01 | 1.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217185 | Soil | 8 | 0.10 | 118 | 0.011 | <1 | 0.57 | 0.003 | 0.05 | 0.3 | <0.01 | 0.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217186 | Soil | 18 | 0.29 | 147 | 0.016 | <1 | 0.85 | 0.004 | 0.06 | 0.2 | 0.04 | 1.6 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217187 | Soil | 17 | 0.30 | 85 | 0.012 | <1 | 1.01 | 0.002 | 0.03 | 0.2 | 0.02 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217188 | Soil | 22 | 0.28 | 107 | 0.022 | <1 | 1.10 | 0.003 | 0.03 | 0.2 | 0.04 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217189 | Soil | 19 | 0.24 | 99 | 0.016 | <1 | 0.94 | 0.003 | 0.04 | 0.3 | 0.01 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217190 | Soil | 23 | 0.35 | 171 | 0.025 | <1 | 1.35 | 0.003 | 0.03 | 0.2 | 0.06 | 4.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

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Project: Oliver
 Report Date: January 03, 2012

Page: 7 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000757.2

| Method | Analyte | Unit | MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | | | | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | | |
| | | | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1217191 | Soil | | | 1.0 | 17.8 | 16.8 | 55 | <0.1 | 21.0 | 9.3 | 182 | 2.53 | 8.3 | 1.7 | 9.2 | 7 | <0.1 | 0.5 | 0.3 | 37 | 0.04 | 0.016 | 20 |
| 1217192 | Soil | | | 0.6 | 26.4 | 12.4 | 49 | <0.1 | 21.9 | 8.6 | 153 | 2.31 | 3.4 | 3.0 | 10.5 | 8 | <0.1 | 2.6 | 0.3 | 12 | 0.03 | 0.026 | 51 |
| 1217193 | Soil | | | 0.7 | 13.5 | 11.0 | 49 | <0.1 | 21.3 | 7.6 | 186 | 2.59 | 9.4 | 2.8 | 7.8 | 7 | <0.1 | 0.4 | 0.2 | 30 | 0.04 | 0.023 | 22 |
| 1217194 | Soil | | | 0.7 | 21.9 | 11.5 | 46 | <0.1 | 22.0 | 6.9 | 124 | 2.55 | 8.3 | 20.7 | 8.8 | 7 | <0.1 | 0.6 | 0.2 | 25 | 0.04 | 0.017 | 18 |
| 1217195 | Soil | | | 0.8 | 18.7 | 9.2 | 44 | <0.1 | 18.0 | 7.3 | 162 | 2.27 | 12.6 | <0.5 | 5.8 | 7 | <0.1 | 0.8 | 0.1 | 33 | 0.06 | 0.020 | 17 |
| 1217196 | Soil | | | 0.8 | 11.5 | 11.5 | 54 | 0.1 | 17.6 | 7.6 | 177 | 2.54 | 9.7 | 0.6 | 5.7 | 10 | <0.1 | 0.5 | 0.2 | 40 | 0.09 | 0.028 | 14 |
| 1217197 | Soil | | | 0.7 | 20.8 | 10.3 | 44 | <0.1 | 17.9 | 7.3 | 172 | 2.08 | 11.8 | 1.0 | 6.6 | 6 | <0.1 | 0.6 | 0.2 | 30 | 0.05 | 0.017 | 19 |
| 1217198 | Soil | | | 0.9 | 26.9 | 12.2 | 55 | <0.1 | 21.0 | 7.4 | 208 | 2.51 | 10.9 | 2.3 | 9.4 | 8 | <0.1 | 0.7 | 0.2 | 36 | 0.06 | 0.020 | 26 |
| 1217199 | Soil | | | 0.9 | 12.8 | 10.0 | 40 | <0.1 | 16.2 | 5.8 | 145 | 2.08 | 11.2 | 6.7 | 5.5 | 11 | <0.1 | 0.7 | 0.1 | 28 | 0.11 | 0.028 | 14 |
| 1217200 | Soil | | | 0.7 | 17.0 | 11.1 | 43 | <0.1 | 14.8 | 5.6 | 137 | 2.00 | 9.9 | 0.7 | 5.5 | 8 | <0.1 | 0.5 | 0.2 | 28 | 0.06 | 0.018 | 17 |
| 1217201 | Soil | | | 0.5 | 12.0 | 8.8 | 39 | <0.1 | 13.5 | 5.1 | 129 | 2.07 | 9.7 | 1.1 | 6.1 | 6 | <0.1 | 0.4 | 0.2 | 29 | 0.04 | 0.015 | 16 |
| 1217202 | Soil | | | 0.7 | 9.3 | 10.7 | 29 | <0.1 | 9.8 | 3.4 | 82 | 1.92 | 7.6 | <0.5 | 5.0 | 7 | <0.1 | 0.3 | 0.2 | 29 | 0.04 | 0.021 | 22 |
| 1217203 | Soil | | | 0.6 | 26.8 | 17.0 | 64 | <0.1 | 22.6 | 10.2 | 255 | 2.90 | 5.4 | 1.7 | 15.7 | 8 | <0.1 | 0.3 | 0.3 | 15 | 0.03 | 0.019 | 52 |
| 1217204 | Soil | | | 0.8 | 19.8 | 10.4 | 44 | <0.1 | 15.0 | 6.0 | 142 | 2.21 | 10.5 | 2.1 | 5.0 | 8 | <0.1 | 0.7 | 0.2 | 36 | 0.05 | 0.017 | 16 |
| 1217205 | Soil | | | 0.6 | 14.8 | 14.7 | 37 | <0.1 | 13.2 | 6.0 | 138 | 1.73 | 6.6 | 8.0 | 8.3 | 8 | <0.1 | 0.4 | 0.2 | 20 | 0.06 | 0.023 | 25 |
| 1217206 | Soil | | | 0.9 | 11.0 | 10.4 | 36 | <0.1 | 12.3 | 4.9 | 150 | 1.93 | 10.3 | 7.4 | 4.6 | 11 | <0.1 | 0.5 | 0.2 | 36 | 0.10 | 0.021 | 13 |
| 1217207 | Soil | | | 0.6 | 15.0 | 10.5 | 39 | <0.1 | 14.4 | 6.0 | 152 | 2.08 | 9.8 | 0.7 | 5.9 | 8 | <0.1 | 0.5 | 0.2 | 29 | 0.06 | 0.028 | 19 |
| 1217208 | Soil | | | 0.6 | 15.8 | 9.0 | 43 | <0.1 | 16.4 | 6.2 | 224 | 1.59 | 5.2 | <0.5 | 7.4 | 19 | <0.1 | 0.4 | 0.1 | 18 | 0.24 | 0.049 | 25 |
| 1217209 | Soil | | | 0.7 | 20.0 | 15.7 | 61 | 0.1 | 26.2 | 13.4 | 2017 | 2.81 | 7.1 | 1.0 | 6.4 | 38 | 0.3 | 0.3 | 0.2 | 18 | 0.53 | 0.069 | 30 |
| 1217210 | Soil | | | 0.5 | 23.3 | 16.5 | 53 | <0.1 | 15.9 | 7.9 | 219 | 2.29 | 6.7 | 1.4 | 10.0 | 21 | 0.1 | 0.4 | 0.2 | 20 | 0.26 | 0.057 | 30 |
| 1217211 | Soil | | | 0.9 | 20.0 | 14.2 | 59 | 0.1 | 20.7 | 8.7 | 297 | 2.49 | 9.9 | 6.4 | 9.4 | 22 | <0.1 | 0.8 | 0.2 | 22 | 0.29 | 0.053 | 28 |
| 1217212 | Soil | | | 1.0 | 32.5 | 22.8 | 84 | 0.1 | 35.6 | 13.1 | 426 | 3.22 | 27.9 | 13.2 | 15.3 | 43 | 0.1 | 2.2 | 0.4 | 13 | 0.33 | 0.045 | 48 |
| 1217213 | Soil | | | 0.6 | 20.3 | 18.4 | 46 | 0.3 | 16.0 | 7.8 | 374 | 1.89 | 7.8 | 1.2 | 3.3 | 64 | 0.2 | 0.8 | 0.1 | 31 | 0.82 | 0.052 | 21 |
| 1217214 | Soil | | | 0.8 | 18.2 | 20.9 | 57 | 0.3 | 17.4 | 8.6 | 207 | 2.41 | 8.1 | 1.5 | 7.4 | 50 | 0.2 | 0.8 | 0.1 | 36 | 0.73 | 0.052 | 26 |
| 1217215 | Soil | | | 0.7 | 16.8 | 16.8 | 48 | 0.1 | 18.3 | 9.3 | 275 | 2.20 | 9.2 | 1.0 | 6.9 | 67 | 0.1 | 0.5 | 0.2 | 23 | 0.70 | 0.053 | 26 |
| 1217216 | Soil | | | 0.7 | 18.2 | 14.1 | 52 | 0.2 | 15.3 | 7.4 | 191 | 2.09 | 17.1 | 24.8 | 5.0 | 82 | 0.2 | 0.7 | 0.1 | 28 | 0.73 | 0.059 | 21 |
| 1217217 | Soil | | | 0.6 | 14.8 | 19.9 | 46 | 0.2 | 14.2 | 6.8 | 781 | 1.82 | 12.9 | 1.4 | 3.9 | 82 | 0.3 | 0.6 | 0.2 | 27 | 0.97 | 0.063 | 17 |
| 1217218 | Soil | | | 0.6 | 27.5 | 18.7 | 75 | <0.1 | 31.0 | 13.0 | 451 | 3.03 | 44.5 | 1.6 | 16.1 | 24 | <0.1 | 0.5 | 0.3 | 15 | 0.40 | 0.056 | 44 |
| 1217219 | Soil | | | 0.7 | 30.3 | 20.8 | 72 | <0.1 | 34.9 | 12.6 | 534 | 3.06 | 21.1 | 1.0 | 17.5 | 20 | <0.1 | 0.6 | 0.3 | 13 | 0.20 | 0.047 | 45 |
| 1217220 | Soil | | | 0.6 | 28.0 | 16.9 | 75 | <0.1 | 31.8 | 13.3 | 572 | 2.95 | 17.3 | 0.9 | 15.3 | 30 | <0.1 | 0.6 | 0.2 | 15 | 0.52 | 0.054 | 41 |

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Project: Oliver
 Report Date: January 03, 2012

Page: 7 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000757.2

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1217191 | Soil | 26 | 0.44 | 132 | 0.020 | <1 | 1.46 | 0.003 | 0.03 | 0.2 | 0.01 | 2.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217192 | Soil | 13 | 0.12 | 116 | 0.002 | <1 | 0.61 | 0.002 | 0.03 | <0.1 | 0.05 | 2.0 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 1217193 | Soil | 23 | 0.39 | 132 | 0.009 | <1 | 1.35 | 0.003 | 0.02 | 0.1 | 0.01 | 1.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217194 | Soil | 18 | 0.23 | 129 | 0.010 | <1 | 1.09 | 0.003 | 0.03 | 0.2 | 0.01 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217195 | Soil | 21 | 0.29 | 129 | 0.020 | <1 | 1.23 | 0.003 | 0.04 | 0.2 | 0.02 | 2.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217196 | Soil | 23 | 0.31 | 189 | 0.021 | <1 | 1.35 | 0.004 | 0.05 | 0.2 | 0.02 | 1.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217197 | Soil | 20 | 0.28 | 132 | 0.022 | <1 | 1.11 | 0.003 | 0.03 | 0.2 | 0.03 | 2.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217198 | Soil | 26 | 0.31 | 180 | 0.021 | 1 | 1.35 | 0.004 | 0.05 | 0.2 | 0.06 | 3.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217199 | Soil | 18 | 0.24 | 131 | 0.013 | 1 | 1.01 | 0.003 | 0.04 | 0.2 | 0.02 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217200 | Soil | 18 | 0.25 | 158 | 0.016 | <1 | 0.97 | 0.004 | 0.04 | 0.2 | 0.02 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217201 | Soil | 17 | 0.25 | 106 | 0.016 | <1 | 1.02 | 0.003 | 0.03 | 0.2 | 0.01 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217202 | Soil | 16 | 0.18 | 77 | 0.008 | <1 | 1.02 | 0.002 | 0.03 | 0.2 | 0.01 | 1.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217203 | Soil | 15 | 0.26 | 103 | 0.005 | <1 | 1.04 | 0.003 | 0.06 | <0.1 | 0.04 | 2.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217204 | Soil | 20 | 0.26 | 146 | 0.022 | 2 | 1.21 | 0.003 | 0.04 | 0.2 | 0.02 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217205 | Soil | 13 | 0.20 | 87 | 0.011 | <1 | 0.81 | 0.002 | 0.05 | 0.1 | 0.02 | 1.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217206 | Soil | 19 | 0.23 | 179 | 0.020 | <1 | 1.09 | 0.003 | 0.05 | 0.3 | 0.02 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217207 | Soil | 17 | 0.23 | 127 | 0.016 | <1 | 0.99 | 0.003 | 0.04 | 0.2 | 0.02 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217208 | Soil | 13 | 0.21 | 148 | 0.013 | 1 | 0.65 | 0.004 | 0.05 | 0.3 | 0.04 | 1.6 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217209 | Soil | 15 | 0.22 | 302 | 0.005 | 1 | 0.81 | 0.005 | 0.07 | 0.2 | 0.10 | 1.7 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217210 | Soil | 14 | 0.17 | 214 | 0.005 | 1 | 0.79 | 0.004 | 0.06 | 0.2 | 0.12 | 2.0 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 1217211 | Soil | 17 | 0.24 | 224 | 0.006 | <1 | 0.90 | 0.004 | 0.06 | 0.2 | 0.12 | 2.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217212 | Soil | 14 | 0.10 | 121 | 0.003 | 2 | 0.51 | 0.004 | 0.10 | <0.1 | 0.16 | 2.9 | <0.1 | <0.05 | 1 | <0.5 | <0.2 |
| 1217213 | Soil | 23 | 0.27 | 340 | 0.007 | 3 | 0.97 | 0.006 | 0.05 | 0.2 | 0.28 | 4.5 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1217214 | Soil | 27 | 0.23 | 272 | 0.005 | 3 | 1.04 | 0.004 | 0.06 | 0.1 | 0.46 | 6.4 | 0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1217215 | Soil | 19 | 0.28 | 245 | 0.009 | 3 | 0.93 | 0.004 | 0.08 | 0.1 | 0.13 | 2.9 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217216 | Soil | 19 | 0.33 | 256 | 0.006 | 3 | 0.82 | 0.005 | 0.06 | 0.2 | 0.23 | 4.2 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 1217217 | Soil | 20 | 0.35 | 325 | 0.005 | 4 | 0.86 | 0.006 | 0.05 | 0.1 | 0.18 | 3.8 | <0.1 | 0.07 | 2 | 0.7 | <0.2 |
| 1217218 | Soil | 18 | 0.26 | 129 | 0.008 | 2 | 0.95 | 0.005 | 0.14 | <0.1 | 0.08 | 2.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217219 | Soil | 18 | 0.29 | 149 | 0.012 | 3 | 1.11 | 0.005 | 0.18 | 0.1 | 0.08 | 2.2 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217220 | Soil | 18 | 0.33 | 139 | 0.008 | 1 | 1.05 | 0.005 | 0.13 | 0.1 | 0.07 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |



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Project: Oliver
 Report Date: January 03, 2012

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CERTIFICATE OF ANALYSIS

WHI11000757.2

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1217221 | Soil | 0.5 | 31.1 | 15.9 | 82 | <0.1 | 35.0 | 14.5 | 436 | 3.10 | 20.5 | 0.7 | 13.6 | 26 | <0.1 | 0.4 | 0.2 | 11 | 0.52 | 0.050 | 40 |
| 1217222 | Soil | 1.0 | 23.3 | 21.0 | 70 | 0.1 | 22.7 | 9.5 | 401 | 2.75 | 21.7 | 1.0 | 7.7 | 69 | 0.2 | 1.0 | 0.2 | 19 | 0.64 | 0.036 | 26 |
| 1217223 | Soil | 0.5 | 21.8 | 12.6 | 39 | 0.2 | 20.4 | 10.6 | 932 | 1.90 | 12.4 | 1.2 | 2.6 | 134 | 0.4 | 0.6 | 0.1 | 14 | 2.16 | 0.072 | 17 |
| 1217224 | Soil | 0.7 | 17.9 | 10.9 | 44 | <0.1 | 20.9 | 8.3 | 299 | 2.02 | 11.5 | 0.5 | 5.9 | 18 | <0.1 | 0.5 | 0.1 | 18 | 0.28 | 0.046 | 22 |
| 1217225 | Soil | 0.9 | 24.3 | 18.1 | 60 | <0.1 | 27.6 | 12.2 | 327 | 2.49 | 18.7 | 6.9 | 10.9 | 27 | <0.1 | 0.7 | 0.2 | 15 | 0.36 | 0.042 | 35 |
| 1217226 | Soil | 0.5 | 17.8 | 11.0 | 43 | <0.1 | 18.2 | 7.4 | 150 | 2.25 | 12.1 | 1.0 | 7.6 | 7 | <0.1 | 0.5 | 0.2 | 24 | 0.06 | 0.013 | 20 |
| 1217227 | Soil | 0.8 | 12.3 | 11.4 | 45 | <0.1 | 16.6 | 6.8 | 173 | 2.33 | 11.2 | 1.2 | 6.2 | 6 | <0.1 | 0.3 | 0.2 | 29 | 0.04 | 0.020 | 18 |
| 1217228 | Soil | 0.6 | 17.5 | 11.0 | 46 | <0.1 | 20.1 | 7.5 | 245 | 2.13 | 12.4 | 1.1 | 7.5 | 27 | <0.1 | 0.4 | 0.2 | 16 | 0.33 | 0.044 | 27 |
| 1217229 | Soil | 0.6 | 16.9 | 10.9 | 44 | <0.1 | 19.5 | 7.6 | 371 | 1.92 | 33.6 | 2.6 | 6.1 | 26 | <0.1 | 0.5 | 0.2 | 15 | 0.33 | 0.041 | 26 |
| 1217230 | Soil | 0.8 | 15.1 | 8.3 | 39 | <0.1 | 14.7 | 6.3 | 133 | 2.07 | 35.2 | 3.2 | 3.6 | 8 | <0.1 | 0.6 | 0.1 | 34 | 0.08 | 0.022 | 12 |
| 1217231 | Soil | 0.6 | 14.3 | 7.4 | 34 | <0.1 | 14.3 | 5.8 | 134 | 1.86 | 23.2 | 2.5 | 3.7 | 6 | <0.1 | 0.5 | 0.1 | 21 | 0.05 | 0.026 | 21 |
| 1217232 | Soil | 0.8 | 12.7 | 8.6 | 35 | <0.1 | 13.2 | 5.6 | 139 | 2.08 | 12.9 | 48.9 | 4.1 | 6 | <0.1 | 0.5 | 0.1 | 38 | 0.05 | 0.020 | 14 |
| 1217233 | Soil | 1.2 | 18.1 | 12.0 | 59 | <0.1 | 17.7 | 9.8 | 282 | 2.71 | 13.0 | 2.8 | 4.0 | 8 | <0.1 | 0.7 | 0.2 | 42 | 0.07 | 0.052 | 13 |
| 1217234 | Soil | 0.5 | 8.8 | 8.1 | 26 | <0.1 | 8.4 | 3.7 | 105 | 1.35 | 6.9 | 10.2 | 1.1 | 6 | <0.1 | 0.3 | 0.1 | 28 | 0.05 | 0.065 | 13 |
| 1217235 | Soil | 0.7 | 15.9 | 8.0 | 44 | <0.1 | 15.5 | 6.8 | 208 | 1.90 | 8.5 | 1.7 | 0.9 | 6 | <0.1 | 0.5 | 0.1 | 27 | 0.06 | 0.039 | 12 |
| 1217236 | Soil | 1.0 | 15.8 | 12.1 | 56 | <0.1 | 19.9 | 8.8 | 227 | 2.32 | 11.3 | 1.5 | 4.7 | 6 | 0.1 | 0.6 | 0.1 | 29 | 0.05 | 0.037 | 13 |
| 1217237 | Soil | 0.8 | 19.6 | 10.9 | 58 | <0.1 | 17.0 | 7.8 | 265 | 2.44 | 8.5 | 1.7 | 5.4 | 5 | <0.1 | 0.5 | 0.2 | 30 | 0.04 | 0.038 | 19 |
| 1217238 | Soil | 0.9 | 13.1 | 9.1 | 41 | <0.1 | 13.2 | 5.8 | 168 | 1.90 | 9.4 | 6.1 | 1.9 | 6 | <0.1 | 0.4 | 0.1 | 29 | 0.06 | 0.041 | 15 |
| 1217239 | Soil | 0.6 | 14.0 | 8.5 | 35 | <0.1 | 11.5 | 5.1 | 151 | 1.57 | 8.3 | 0.8 | 2.0 | 6 | <0.1 | 0.4 | 0.1 | 27 | 0.05 | 0.048 | 14 |
| 1217240 | Soil | 0.9 | 12.5 | 9.3 | 34 | <0.1 | 11.2 | 3.8 | 110 | 1.73 | 7.9 | 1.6 | 2.5 | 5 | <0.1 | 0.4 | 0.1 | 28 | 0.05 | 0.056 | 12 |
| 1217241 | Soil | 0.8 | 11.4 | 9.8 | 95 | 0.1 | 13.9 | 7.7 | 376 | 2.07 | 6.2 | 2.6 | 1.1 | 8 | 0.3 | 0.3 | 0.1 | 31 | 0.06 | 0.063 | 17 |
| 1217242 | Soil | 0.8 | 18.8 | 8.7 | 50 | 0.1 | 18.1 | 6.9 | 166 | 2.06 | 9.0 | 1.2 | 1.5 | 8 | 0.1 | 0.4 | 0.1 | 33 | 0.07 | 0.035 | 15 |
| 1217243 | Soil | 0.6 | 9.9 | 6.8 | 39 | <0.1 | 11.6 | 4.8 | 128 | 1.59 | 7.1 | <0.5 | 0.6 | 7 | <0.1 | 0.3 | 0.1 | 31 | 0.07 | 0.029 | 13 |
| 1217244 | Soil | 0.7 | 15.9 | 9.3 | 41 | <0.1 | 14.1 | 5.8 | 173 | 2.27 | 5.9 | 0.9 | 2.5 | 6 | <0.1 | 0.2 | 0.2 | 23 | 0.04 | 0.050 | 26 |
| 1217245 | Soil | 0.9 | 8.3 | 9.3 | 25 | 0.1 | 7.7 | 2.7 | 79 | 1.28 | 5.2 | <0.5 | 0.5 | 7 | <0.1 | 0.2 | 0.2 | 29 | 0.05 | 0.048 | 12 |
| 1217246 | Soil | 0.9 | 14.1 | 8.7 | 46 | <0.1 | 17.7 | 6.3 | 131 | 2.36 | 11.0 | 0.7 | 4.2 | 8 | <0.1 | 0.5 | 0.1 | 33 | 0.07 | 0.032 | 13 |
| 1217247 | Soil | 1.0 | 12.3 | 8.8 | 48 | <0.1 | 14.7 | 6.1 | 324 | 1.74 | 6.7 | 8.1 | 1.6 | 12 | 0.2 | 0.4 | 0.1 | 35 | 0.10 | 0.058 | 14 |
| 1217248 | Soil | 0.6 | 15.7 | 10.9 | 43 | <0.1 | 15.3 | 6.0 | 140 | 1.86 | 4.4 | <0.5 | 6.3 | 6 | <0.1 | 0.2 | 0.2 | 19 | 0.05 | 0.021 | 22 |
| 1217249 | Soil | 0.7 | 16.6 | 8.3 | 42 | <0.1 | 16.5 | 5.2 | 121 | 2.07 | 13.6 | 0.9 | 3.1 | 10 | <0.1 | 0.6 | 0.1 | 33 | 0.11 | 0.083 | 11 |
| 1217250 | Soil | 1.1 | 18.7 | 9.0 | 39 | <0.1 | 16.4 | 6.2 | 131 | 2.57 | 11.6 | 0.7 | 3.5 | 7 | <0.1 | 0.6 | 0.1 | 39 | 0.06 | 0.037 | 11 |

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Project: Oliver
 Report Date: January 03, 2012

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CERTIFICATE OF ANALYSIS

WHI11000757.2

| Method Analyte Unit MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|----------------------------------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|--------|-----------|-----------|-----------|-------|
| | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Hg ppm | Sc ppm | Tl ppm | S % | Ga ppm | Se ppm | Te ppm | |
| | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | | |
| 1217221 | Soil | 14 | 0.30 | 112 | 0.005 | 3 | 0.89 | 0.005 | 0.14 | 0.1 | 0.10 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217222 | Soil | 19 | 0.29 | 213 | 0.003 | 5 | 0.68 | 0.005 | 0.09 | 0.1 | 0.19 | 3.6 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217223 | Soil | 12 | 0.28 | 369 | 0.003 | 6 | 0.61 | 0.008 | 0.06 | 0.1 | 0.17 | 1.9 | <0.1 | 0.15 | 1 | 0.5 | <0.2 |
| 1217224 | Soil | 16 | 0.28 | 210 | 0.009 | 2 | 0.83 | 0.005 | 0.07 | 0.1 | 0.07 | 1.7 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217225 | Soil | 18 | 0.33 | 150 | 0.007 | 3 | 0.97 | 0.005 | 0.11 | 0.1 | 0.10 | 2.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217226 | Soil | 18 | 0.30 | 115 | 0.013 | 1 | 1.34 | 0.005 | 0.07 | 0.1 | 0.04 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217227 | Soil | 18 | 0.30 | 105 | 0.013 | 2 | 1.27 | 0.003 | 0.07 | 0.1 | 0.01 | 1.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217228 | Soil | 16 | 0.34 | 202 | 0.009 | 1 | 1.03 | 0.006 | 0.09 | 0.1 | 0.05 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217229 | Soil | 12 | 0.27 | 162 | 0.005 | 3 | 0.75 | 0.005 | 0.08 | 0.2 | 0.10 | 1.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217230 | Soil | 19 | 0.29 | 155 | 0.022 | 2 | 1.20 | 0.006 | 0.04 | 0.2 | 0.03 | 1.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217231 | Soil | 12 | 0.18 | 111 | 0.008 | 2 | 0.85 | 0.003 | 0.06 | 0.1 | 0.07 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217232 | Soil | 20 | 0.26 | 128 | 0.029 | 2 | 1.26 | 0.004 | 0.05 | 0.2 | 0.02 | 2.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217233 | Soil | 25 | 0.37 | 122 | 0.029 | 2 | 1.51 | 0.006 | 0.05 | 0.2 | 0.03 | 1.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217234 | Soil | 15 | 0.16 | 64 | 0.021 | 2 | 0.91 | 0.004 | 0.03 | 0.1 | 0.02 | 1.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217235 | Soil | 17 | 0.28 | 84 | 0.015 | 1 | 0.93 | 0.005 | 0.03 | 0.2 | 0.02 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217236 | Soil | 19 | 0.30 | 103 | 0.018 | 1 | 1.26 | 0.004 | 0.06 | 0.2 | 0.03 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217237 | Soil | 23 | 0.38 | 98 | 0.021 | 1 | 1.35 | 0.007 | 0.05 | 0.2 | 0.03 | 2.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217238 | Soil | 17 | 0.27 | 112 | 0.018 | 1 | 1.03 | 0.005 | 0.04 | 0.2 | 0.03 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217239 | Soil | 16 | 0.24 | 115 | 0.016 | 1 | 0.98 | 0.009 | 0.04 | 0.2 | 0.03 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217240 | Soil | 15 | 0.25 | 75 | 0.015 | <1 | 0.95 | 0.004 | 0.03 | 0.2 | 0.02 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217241 | Soil | 17 | 0.25 | 131 | 0.012 | <1 | 1.09 | 0.007 | 0.05 | 0.2 | 0.01 | 0.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217242 | Soil | 20 | 0.30 | 191 | 0.015 | <1 | 1.20 | 0.009 | 0.05 | 0.2 | 0.02 | 1.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217243 | Soil | 15 | 0.25 | 150 | 0.014 | 1 | 0.92 | 0.005 | 0.04 | 0.2 | <0.01 | 0.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217244 | Soil | 17 | 0.29 | 128 | 0.007 | 1 | 1.08 | 0.004 | 0.04 | 0.1 | 0.02 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217245 | Soil | 14 | 0.18 | 125 | 0.014 | 1 | 0.74 | 0.004 | 0.04 | 0.2 | <0.01 | 0.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217246 | Soil | 21 | 0.31 | 142 | 0.020 | <1 | 1.22 | 0.006 | 0.04 | 0.2 | 0.02 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217247 | Soil | 16 | 0.24 | 236 | 0.016 | <1 | 0.91 | 0.005 | 0.05 | 0.3 | 0.02 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217248 | Soil | 14 | 0.34 | 95 | 0.011 | <1 | 1.01 | 0.004 | 0.04 | <0.1 | 0.01 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217249 | Soil | 16 | 0.28 | 109 | 0.019 | 1 | 0.88 | 0.004 | 0.05 | 0.2 | <0.01 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217250 | Soil | 22 | 0.31 | 160 | 0.025 | 1 | 1.32 | 0.005 | 0.04 | 0.2 | 0.01 | 1.6 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |

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Project: Oliver
 Report Date: January 03, 2012

Page: 9 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000757.2

| Method Analyte | Unit | MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|----------------|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| | | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1217251 | Soil | | 0.6 | 23.4 | 9.2 | 50 | <0.1 | 19.5 | 7.1 | 163 | 2.15 | 7.9 | 1.1 | 7.2 | 6 | <0.1 | 0.5 | 0.2 | 30 | 0.05 | 0.019 | 22 |
| 1217252 | Soil | | 0.8 | 35.2 | 8.7 | 54 | <0.1 | 22.9 | 8.9 | 175 | 2.47 | 6.3 | 4.4 | 11.1 | 7 | <0.1 | 0.3 | 0.2 | 25 | 0.06 | 0.020 | 35 |
| 1217253 | Soil | | 0.8 | 24.7 | 8.4 | 56 | <0.1 | 21.3 | 8.1 | 172 | 2.23 | 6.7 | 5.8 | 6.6 | 6 | <0.1 | 0.4 | 0.2 | 26 | 0.05 | 0.033 | 23 |
| 1217254 | Soil | | 0.9 | 12.2 | 8.9 | 45 | 0.2 | 14.8 | 5.8 | 137 | 2.12 | 10.2 | 11.2 | 3.8 | 8 | <0.1 | 0.5 | 0.1 | 36 | 0.10 | 0.043 | 12 |
| 1217255 | Soil | | 0.7 | 13.7 | 6.6 | 41 | <0.1 | 16.1 | 5.5 | 145 | 1.71 | 7.5 | 6.5 | 4.3 | 8 | <0.1 | 0.4 | 0.1 | 27 | 0.10 | 0.035 | 14 |
| 1217256 | Soil | | 0.9 | 10.0 | 8.3 | 42 | 0.2 | 14.0 | 5.5 | 230 | 1.97 | 8.7 | 2.0 | 2.8 | 11 | <0.1 | 0.4 | 0.1 | 39 | 0.11 | 0.056 | 10 |
| 1217257 | Soil | | 0.8 | 9.7 | 8.3 | 35 | <0.1 | 11.5 | 4.1 | 126 | 1.61 | 10.6 | 1.2 | 2.9 | 12 | <0.1 | 0.7 | 0.1 | 26 | 0.11 | 0.066 | 9 |
| 1217258 | Soil | | 0.6 | 6.7 | 7.6 | 35 | <0.1 | 11.4 | 4.8 | 188 | 1.46 | 4.7 | 0.6 | 3.0 | 11 | 0.1 | 0.4 | <0.1 | 26 | 0.12 | 0.049 | 10 |
| 1217259 | Soil | | 0.7 | 11.0 | 8.5 | 39 | <0.1 | 15.6 | 5.5 | 140 | 1.67 | 9.1 | 10.8 | 3.4 | 11 | <0.1 | 0.6 | <0.1 | 24 | 0.12 | 0.050 | 10 |
| 1217260 | Soil | | 0.5 | 7.9 | 7.5 | 31 | <0.1 | 12.2 | 5.3 | 224 | 1.47 | 6.6 | 13.8 | 3.0 | 9 | <0.1 | 0.5 | <0.1 | 22 | 0.09 | 0.047 | 10 |
| 1217261 | Soil | | 1.0 | 15.6 | 12.1 | 65 | <0.1 | 15.8 | 6.6 | 300 | 2.31 | 10.9 | 3.9 | 0.6 | 7 | 0.2 | 0.5 | 0.1 | 34 | 0.05 | 0.063 | 11 |
| 1217262 | Soil | | 0.7 | 8.1 | 9.3 | 44 | <0.1 | 10.2 | 4.0 | 177 | 1.98 | 10.5 | 6.6 | 0.2 | 7 | <0.1 | 0.4 | 0.1 | 33 | 0.05 | 0.046 | 10 |
| 1217263 | Soil | | 0.7 | 15.1 | 9.9 | 51 | <0.1 | 15.2 | 6.7 | 258 | 1.96 | 9.1 | 1.3 | 1.0 | 8 | 0.2 | 0.5 | <0.1 | 29 | 0.07 | 0.047 | 15 |
| 1217264 | Soil | | 0.7 | 11.6 | 9.7 | 45 | <0.1 | 12.0 | 4.7 | 154 | 1.90 | 10.7 | 1.3 | 0.7 | 8 | <0.1 | 0.5 | <0.1 | 28 | 0.08 | 0.043 | 13 |
| 1217265 | Soil | | 0.6 | 16.0 | 9.6 | 49 | <0.1 | 15.0 | 6.2 | 206 | 1.90 | 8.4 | 25.2 | 1.2 | 8 | 0.1 | 0.5 | <0.1 | 26 | 0.07 | 0.037 | 17 |
| 1217266 | Soil | | 0.8 | 12.8 | 10.2 | 50 | <0.1 | 13.2 | 6.7 | 281 | 2.07 | 10.3 | 8.1 | 0.9 | 8 | 0.1 | 0.5 | <0.1 | 30 | 0.08 | 0.050 | 13 |
| 1217267 | Soil | | 0.7 | 10.2 | 10.5 | 44 | <0.1 | 11.4 | 4.5 | 156 | 1.86 | 8.7 | 4.0 | 0.3 | 7 | <0.1 | 0.4 | <0.1 | 31 | 0.06 | 0.055 | 14 |
| 1217268 | Soil | | 0.6 | 14.3 | 9.1 | 45 | <0.1 | 14.1 | 4.5 | 153 | 1.69 | 8.5 | 3.4 | 0.9 | 8 | 0.1 | 0.5 | <0.1 | 27 | 0.08 | 0.047 | 12 |
| 1217269 | Soil | | 0.8 | 10.2 | 10.8 | 44 | <0.1 | 11.3 | 4.7 | 165 | 1.75 | 8.9 | 3.0 | 0.5 | 8 | <0.1 | 0.5 | <0.1 | 31 | 0.07 | 0.049 | 12 |
| 1217270 | Soil | | 0.7 | 10.8 | 8.6 | 43 | <0.1 | 12.4 | 4.7 | 172 | 1.71 | 8.6 | 22.5 | 1.0 | 8 | 0.1 | 0.5 | <0.1 | 28 | 0.07 | 0.039 | 12 |
| 1217271 | Soil | | 0.7 | 14.0 | 11.5 | 54 | <0.1 | 16.0 | 6.3 | 232 | 2.18 | 11.0 | 10.2 | 1.1 | 6 | 0.2 | 1.8 | <0.1 | 25 | 0.05 | 0.038 | 15 |
| 1217272 | Soil | | 0.4 | 8.9 | 10.8 | 41 | 0.1 | 13.0 | 3.7 | 91 | 1.49 | 5.7 | 0.9 | 0.7 | 8 | 0.1 | 0.6 | <0.1 | 20 | 0.06 | 0.044 | 14 |
| 1217273 | Soil | | 0.7 | 10.5 | 13.0 | 35 | <0.1 | 9.8 | 3.4 | 95 | 1.60 | 7.9 | 2.4 | 0.4 | 8 | <0.1 | 0.8 | 0.1 | 30 | 0.06 | 0.047 | 15 |
| 1217274 | Soil | | 0.7 | 11.9 | 10.6 | 38 | <0.1 | 11.9 | 4.0 | 108 | 1.75 | 8.7 | 4.7 | 0.4 | 8 | <0.1 | 0.8 | <0.1 | 29 | 0.06 | 0.054 | 13 |
| 1217275 | Soil | | 0.9 | 12.1 | 11.8 | 38 | <0.1 | 11.7 | 3.8 | 124 | 1.79 | 8.7 | 2.9 | 0.6 | 6 | <0.1 | 1.4 | 0.1 | 30 | 0.04 | 0.042 | 17 |
| 1217276 | Soil | | 0.6 | 6.3 | 11.7 | 30 | <0.1 | 8.3 | 3.2 | 126 | 1.75 | 8.6 | 1.7 | 0.2 | 7 | 0.1 | 0.6 | 0.2 | 35 | 0.05 | 0.041 | 10 |
| 1217277 | Soil | | 0.9 | 10.5 | 10.4 | 42 | <0.1 | 11.3 | 4.8 | 157 | 2.00 | 11.6 | 2.1 | 0.9 | 7 | 0.1 | 0.7 | 0.1 | 28 | 0.06 | 0.053 | 10 |
| 1217278 | Soil | | 0.6 | 23.0 | 11.6 | 56 | <0.1 | 20.4 | 8.7 | 304 | 2.11 | 13.5 | 1.6 | 4.8 | 10 | 0.1 | 1.5 | 0.1 | 27 | 0.08 | 0.042 | 25 |
| 1217279 | Soil | | 0.8 | 13.3 | 12.6 | 46 | <0.1 | 14.8 | 6.4 | 254 | 2.22 | 10.7 | 2.6 | 1.3 | 7 | 0.1 | 0.8 | 0.1 | 30 | 0.06 | 0.037 | 16 |
| 1217280 | Soil | | 1.0 | 11.3 | 13.6 | 45 | <0.1 | 11.9 | 5.1 | 196 | 1.68 | 9.4 | 0.8 | 1.0 | 8 | 0.2 | 0.6 | <0.1 | 32 | 0.07 | 0.064 | 13 |

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Project: Oliver
 Report Date: January 03, 2012

Page: 9 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11000757.2

| Method Analyte | Unit | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|-------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| MDL | | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1217251 | Soil | 21 | 0.36 | 118 | 0.019 | <1 | 1.27 | 0.010 | 0.05 | 0.1 | 0.03 | 2.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217252 | Soil | 22 | 0.44 | 139 | 0.013 | <1 | 1.40 | 0.005 | 0.04 | <0.1 | 0.02 | 1.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217253 | Soil | 19 | 0.37 | 119 | 0.012 | <1 | 1.17 | 0.005 | 0.05 | 0.2 | <0.01 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217254 | Soil | 18 | 0.26 | 135 | 0.031 | 1 | 1.04 | 0.004 | 0.05 | 0.2 | 0.03 | 1.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217255 | Soil | 15 | 0.29 | 141 | 0.015 | <1 | 0.91 | 0.003 | 0.05 | <0.1 | <0.01 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217256 | Soil | 18 | 0.26 | 203 | 0.023 | <1 | 1.01 | 0.004 | 0.07 | 0.2 | 0.01 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217257 | Soil | 12 | 0.19 | 119 | 0.017 | <1 | 0.50 | 0.003 | 0.04 | 0.4 | <0.01 | 0.8 | <0.1 | <0.05 | 2 | 0.5 | <0.2 |
| 1217258 | Soil | 14 | 0.22 | 220 | 0.013 | <1 | 0.73 | 0.005 | 0.04 | 0.2 | 0.02 | 1.0 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 1217259 | Soil | 15 | 0.24 | 161 | 0.018 | 1 | 0.76 | 0.004 | 0.06 | 0.2 | 0.02 | 1.0 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 1217260 | Soil | 13 | 0.19 | 173 | 0.013 | <1 | 0.61 | 0.003 | 0.05 | 0.2 | 0.01 | 0.9 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 1217261 | Soil | 22 | 0.29 | 123 | 0.011 | <1 | 1.40 | 0.004 | 0.04 | 0.2 | 0.04 | 0.8 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1217262 | Soil | 19 | 0.26 | 87 | 0.010 | <1 | 0.97 | 0.004 | 0.03 | 0.2 | 0.03 | 0.4 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 1217263 | Soil | 19 | 0.28 | 104 | 0.014 | <1 | 1.11 | 0.003 | 0.03 | 0.2 | 0.03 | 1.0 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1217264 | Soil | 19 | 0.27 | 99 | 0.014 | <1 | 1.04 | 0.004 | 0.03 | 0.3 | 0.03 | 1.0 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 1217265 | Soil | 18 | 0.31 | 139 | 0.013 | <1 | 1.04 | 0.003 | 0.03 | 0.2 | 0.04 | 1.0 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 1217266 | Soil | 19 | 0.29 | 107 | 0.013 | <1 | 1.13 | 0.004 | 0.03 | 0.2 | 0.03 | 0.9 | <0.1 | <0.05 | 3 | 0.9 | <0.2 |
| 1217267 | Soil | 20 | 0.26 | 103 | 0.011 | <1 | 1.12 | 0.003 | 0.03 | 0.2 | 0.02 | 0.6 | <0.1 | <0.05 | 4 | 0.8 | <0.2 |
| 1217268 | Soil | 17 | 0.26 | 97 | 0.013 | <1 | 0.92 | 0.004 | 0.03 | 0.2 | 0.02 | 0.7 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1217269 | Soil | 20 | 0.25 | 100 | 0.011 | <1 | 1.07 | 0.004 | 0.03 | 0.1 | 0.04 | 0.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217270 | Soil | 18 | 0.26 | 105 | 0.015 | <1 | 0.92 | 0.003 | 0.03 | 0.2 | 0.01 | 0.9 | <0.1 | <0.05 | 3 | 1.0 | <0.2 |
| 1217271 | Soil | 17 | 0.29 | 67 | 0.010 | <1 | 0.88 | 0.003 | 0.03 | 0.2 | 0.02 | 0.7 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 1217272 | Soil | 17 | 0.25 | 133 | 0.009 | <1 | 0.96 | 0.004 | 0.03 | 0.2 | 0.03 | 0.7 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1217273 | Soil | 20 | 0.26 | 84 | 0.008 | <1 | 1.14 | 0.004 | 0.03 | <0.1 | 0.05 | 0.4 | <0.1 | <0.05 | 5 | 0.7 | <0.2 |
| 1217274 | Soil | 18 | 0.27 | 78 | 0.012 | <1 | 1.16 | 0.003 | 0.03 | 0.2 | 0.02 | 0.6 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1217275 | Soil | 16 | 0.21 | 61 | 0.010 | <1 | 0.93 | 0.003 | 0.03 | 0.1 | 0.02 | 0.6 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |
| 1217276 | Soil | 19 | 0.20 | 59 | 0.009 | <1 | 0.92 | 0.003 | 0.02 | 0.1 | 0.04 | 0.3 | <0.1 | <0.05 | 5 | 0.5 | <0.2 |
| 1217277 | Soil | 18 | 0.27 | 75 | 0.013 | <1 | 1.05 | 0.003 | 0.03 | 0.2 | 0.03 | 1.0 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1217278 | Soil | 18 | 0.35 | 141 | 0.022 | <1 | 1.06 | 0.004 | 0.03 | 0.2 | 0.02 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217279 | Soil | 20 | 0.29 | 68 | 0.019 | <1 | 1.08 | 0.003 | 0.03 | 0.1 | 0.02 | 1.8 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1217280 | Soil | 19 | 0.25 | 96 | 0.020 | <1 | 1.09 | 0.004 | 0.03 | 0.2 | 0.02 | 1.1 | <0.1 | <0.05 | 4 | 0.6 | <0.2 |

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Project: Oliver
 Report Date: January 03, 2012

Page: 10 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11000757.2

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| Unit | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1217281 | Soil | 0.4 | 7.2 | 8.5 | 23 | <0.1 | 7.2 | 2.0 | 55 | 1.20 | 6.4 | 2.5 | 0.3 | 5 | <0.1 | 0.4 | <0.1 | 28 | 0.04 | 0.035 | 11 |
| 1217282 | Soil | 0.8 | 9.2 | 9.4 | 42 | <0.1 | 11.6 | 6.2 | 222 | 2.04 | 11.6 | 1.6 | 2.2 | 7 | 0.1 | 0.6 | <0.1 | 27 | 0.05 | 0.039 | 10 |
| 1217283 | Soil | 0.8 | 14.3 | 10.5 | 49 | <0.1 | 13.7 | 8.4 | 388 | 1.98 | 9.7 | 3.0 | 1.2 | 9 | 0.2 | 0.7 | <0.1 | 27 | 0.08 | 0.055 | 12 |
| 1217284 | Soil | 0.5 | 6.9 | 8.7 | 27 | <0.1 | 6.5 | 2.3 | 74 | 1.34 | 7.3 | 4.3 | 0.2 | 6 | <0.1 | 0.4 | <0.1 | 26 | 0.05 | 0.043 | 11 |
| 1217285 | Soil | 0.7 | 11.1 | 12.1 | 42 | <0.1 | 13.6 | 5.7 | 212 | 2.31 | 8.4 | 0.7 | 2.1 | 5 | <0.1 | 0.5 | 0.1 | 19 | 0.05 | 0.040 | 16 |
| 1217286 | Soil | 0.8 | 11.5 | 9.1 | 41 | <0.1 | 11.2 | 3.9 | 128 | 1.88 | 10.3 | 1.8 | 0.8 | 7 | 0.1 | 0.5 | <0.1 | 31 | 0.07 | 0.063 | 12 |
| 1217287 | Soil | 0.9 | 11.0 | 11.8 | 48 | <0.1 | 12.6 | 8.5 | 363 | 2.10 | 11.0 | 1.4 | 1.5 | 9 | 0.1 | 0.6 | <0.1 | 29 | 0.09 | 0.060 | 12 |
| 1217288 | Soil | 0.5 | 7.2 | 11.4 | 28 | <0.1 | 7.1 | 2.5 | 75 | 1.74 | 8.1 | 3.2 | 0.4 | 7 | <0.1 | 0.4 | <0.1 | 34 | 0.05 | 0.044 | 15 |
| 1217289 | Soil | 0.6 | 13.6 | 11.2 | 48 | <0.1 | 15.6 | 7.0 | 288 | 1.93 | 13.2 | 3.2 | 2.0 | 7 | 0.2 | 0.7 | <0.1 | 23 | 0.06 | 0.035 | 12 |
| 1217290 | Soil | 1.2 | 10.9 | 13.9 | 47 | <0.1 | 12.6 | 6.0 | 282 | 2.91 | 13.4 | 1.4 | 1.7 | 8 | 0.1 | 0.7 | 0.1 | 37 | 0.07 | 0.045 | 11 |
| 1217291 | Soil | 0.5 | 5.1 | 12.1 | 25 | <0.1 | 5.7 | 2.4 | 73 | 1.36 | 7.0 | 1.0 | 0.3 | 6 | <0.1 | 0.3 | 0.1 | 29 | 0.04 | 0.034 | 13 |
| 1217292 | Soil | 0.7 | 10.7 | 8.2 | 35 | <0.1 | 8.9 | 3.3 | 115 | 1.68 | 7.1 | 1.0 | 0.4 | 6 | <0.1 | 0.4 | 0.1 | 26 | 0.04 | 0.040 | 16 |
| 1217293 | Soil | 0.9 | 16.6 | 8.5 | 45 | <0.1 | 13.1 | 4.5 | 130 | 2.16 | 9.2 | 2.5 | 1.1 | 7 | <0.1 | 0.4 | 0.2 | 35 | 0.08 | 0.045 | 21 |
| 1217294 | Soil | 0.8 | 15.6 | 7.6 | 40 | <0.1 | 12.0 | 3.9 | 126 | 1.96 | 9.0 | 1.8 | 1.0 | 6 | <0.1 | 0.4 | 0.2 | 29 | 0.05 | 0.039 | 25 |
| 1217295 | Soil | 1.4 | 56.0 | 15.1 | 84 | <0.1 | 31.2 | 15.1 | 453 | 3.57 | 23.1 | 2.5 | 3.4 | 10 | 0.1 | 0.9 | 0.5 | 47 | 0.06 | 0.060 | 30 |
| 1217296 | Soil | 0.8 | 26.9 | 9.4 | 64 | <0.1 | 21.1 | 9.9 | 288 | 2.78 | 11.4 | 2.3 | 2.0 | 8 | 0.1 | 0.6 | 0.2 | 35 | 0.06 | 0.037 | 32 |
| 1217297 | Soil | 0.8 | 35.1 | 9.1 | 69 | <0.1 | 24.1 | 10.2 | 331 | 2.90 | 10.5 | 3.0 | 5.6 | 8 | 0.2 | 0.6 | 0.2 | 26 | 0.05 | 0.039 | 43 |
| 1217298 | Soil | 0.8 | 23.1 | 8.9 | 52 | <0.1 | 17.1 | 7.5 | 240 | 2.18 | 10.5 | 2.1 | 1.5 | 7 | 0.1 | 0.5 | 0.2 | 32 | 0.06 | 0.046 | 22 |
| 1217299 | Soil | 0.9 | 15.1 | 9.1 | 49 | <0.1 | 13.1 | 5.8 | 265 | 2.29 | 10.6 | 4.8 | 0.3 | 7 | 0.1 | 0.5 | 0.2 | 40 | 0.06 | 0.052 | 17 |
| 1217300 | Soil | 0.7 | 14.3 | 8.4 | 46 | <0.1 | 13.5 | 5.1 | 173 | 1.94 | 8.8 | 2.1 | 0.7 | 8 | 0.1 | 0.4 | 0.2 | 30 | 0.07 | 0.047 | 22 |
| 1217301 | Soil | 0.7 | 8.4 | 9.2 | 33 | <0.1 | 10.2 | 3.4 | 85 | 1.53 | 8.4 | 1.4 | 2.0 | 8 | 0.1 | 0.4 | 0.2 | 34 | 0.08 | 0.032 | 16 |
| 1217302 | Soil | 0.8 | 17.1 | 9.1 | 46 | <0.1 | 16.2 | 6.5 | 145 | 1.99 | 11.1 | 9.8 | 5.1 | 9 | 0.1 | 0.6 | 0.2 | 32 | 0.09 | 0.034 | 15 |
| 1217303 | Soil | 0.9 | 17.6 | 10.8 | 46 | <0.1 | 16.2 | 6.4 | 149 | 2.13 | 11.1 | 3.2 | 6.5 | 8 | <0.1 | 0.6 | 0.2 | 34 | 0.07 | 0.016 | 17 |
| 1217304 | Soil | 0.5 | 16.7 | 10.6 | 57 | <0.1 | 21.1 | 8.1 | 208 | 2.67 | 6.7 | <0.5 | 10.8 | 8 | <0.1 | 0.3 | 0.2 | 23 | 0.07 | 0.027 | 30 |
| 1217305 | Soil | 0.5 | 16.1 | 9.6 | 52 | <0.1 | 18.1 | 6.8 | 184 | 2.38 | 8.0 | 16.0 | 6.8 | 8 | <0.1 | 0.4 | 0.2 | 30 | 0.07 | 0.014 | 20 |
| 1217306 | Soil | 0.6 | 11.4 | 9.1 | 33 | 0.1 | 11.4 | 4.3 | 91 | 1.64 | 8.0 | 4.6 | 3.7 | 9 | <0.1 | 0.4 | 0.2 | 32 | 0.09 | 0.020 | 14 |
| 1217307 | Soil | 0.7 | 43.9 | 15.9 | 69 | <0.1 | 31.6 | 11.6 | 244 | 3.04 | 8.3 | 0.6 | 15.7 | 17 | <0.1 | 0.3 | 0.6 | 16 | 0.15 | 0.047 | 22 |
| 1217308 | Soil | 0.7 | 9.2 | 10.9 | 31 | <0.1 | 7.5 | 4.8 | 245 | 1.71 | 2.5 | <0.5 | 6.7 | 19 | <0.1 | 0.2 | 0.2 | 21 | 0.09 | 0.017 | 19 |
| 1217309 | Soil | 0.5 | 13.5 | 17.8 | 22 | <0.1 | 7.4 | 2.4 | 64 | 1.33 | 8.0 | 2.9 | 0.4 | 6 | <0.1 | 0.3 | 0.2 | 28 | 0.05 | 0.030 | 15 |
| 1217310 | Soil | 0.6 | 32.5 | 11.0 | 44 | <0.1 | 16.8 | 6.5 | 166 | 2.15 | 11.5 | 1.7 | 6.2 | 9 | <0.1 | 0.7 | 0.2 | 27 | 0.06 | 0.025 | 25 |

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Project: Oliver
 Report Date: January 03, 2012

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CERTIFICATE OF ANALYSIS

WHI11000757.2

| Method Analyte Unit MDL | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|----------------------------------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|--------|-----------|-----------|-----------|------|
| | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Hg ppm | Sc ppm | Tl ppm | S % | Ga ppm | Se ppm | Te ppm | |
| | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | | |
| 1217281 | Soil | 14 | 0.14 | 56 | 0.013 | <1 | 0.79 | 0.002 | 0.03 | 0.1 | 0.03 | 0.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217282 | Soil | 17 | 0.28 | 62 | 0.016 | <1 | 0.98 | 0.003 | 0.03 | 0.2 | 0.02 | 1.1 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 1217283 | Soil | 16 | 0.25 | 71 | 0.015 | <1 | 0.80 | 0.003 | 0.03 | 0.2 | 0.04 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217284 | Soil | 16 | 0.17 | 55 | 0.009 | <1 | 0.76 | 0.003 | 0.02 | 0.2 | 0.03 | 0.4 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1217285 | Soil | 18 | 0.28 | 51 | 0.009 | <1 | 0.91 | 0.003 | 0.03 | 0.2 | 0.02 | 0.7 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1217286 | Soil | 17 | 0.24 | 78 | 0.014 | <1 | 0.97 | 0.003 | 0.03 | 0.2 | 0.03 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217287 | Soil | 17 | 0.27 | 75 | 0.018 | <1 | 0.98 | 0.003 | 0.03 | 0.2 | 0.02 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217288 | Soil | 20 | 0.21 | 102 | 0.010 | <1 | 1.02 | 0.003 | 0.03 | <0.1 | 0.05 | 0.6 | <0.1 | <0.05 | 5 | 0.7 | <0.2 |
| 1217289 | Soil | 16 | 0.26 | 85 | 0.015 | <1 | 0.89 | 0.003 | 0.03 | 0.3 | 0.02 | 1.2 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 1217290 | Soil | 22 | 0.31 | 67 | 0.025 | <1 | 1.09 | 0.004 | 0.03 | 0.2 | 0.03 | 1.2 | <0.1 | <0.05 | 5 | 0.6 | <0.2 |
| 1217291 | Soil | 16 | 0.18 | 62 | 0.012 | <1 | 0.93 | 0.003 | 0.03 | 0.1 | 0.02 | 0.6 | <0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 1217292 | Soil | 17 | 0.24 | 54 | 0.010 | <1 | 0.93 | 0.003 | 0.03 | 0.1 | 0.03 | 0.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217293 | Soil | 23 | 0.31 | 90 | 0.012 | <1 | 1.39 | 0.003 | 0.04 | 0.2 | 0.03 | 1.1 | 0.1 | <0.05 | 5 | 0.5 | <0.2 |
| 1217294 | Soil | 18 | 0.28 | 62 | 0.008 | <1 | 1.13 | 0.003 | 0.03 | 0.2 | 0.03 | 0.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217295 | Soil | 32 | 0.50 | 133 | 0.017 | 1 | 1.93 | 0.005 | 0.05 | 0.2 | 0.04 | 2.2 | 0.1 | <0.05 | 6 | 0.7 | <0.2 |
| 1217296 | Soil | 24 | 0.43 | 86 | 0.016 | 1 | 1.38 | 0.004 | 0.04 | 0.2 | 0.03 | 1.2 | <0.1 | <0.05 | 4 | 0.7 | <0.2 |
| 1217297 | Soil | 21 | 0.52 | 97 | 0.014 | <1 | 1.34 | 0.003 | 0.03 | 0.1 | 0.02 | 1.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217298 | Soil | 20 | 0.29 | 93 | 0.013 | 1 | 1.19 | 0.003 | 0.04 | 0.2 | 0.03 | 1.2 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217299 | Soil | 22 | 0.28 | 84 | 0.013 | 2 | 1.28 | 0.003 | 0.05 | 0.2 | 0.04 | 0.8 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217300 | Soil | 18 | 0.23 | 72 | 0.011 | <1 | 1.00 | 0.003 | 0.04 | 0.2 | 0.03 | 0.8 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217301 | Soil | 15 | 0.19 | 132 | 0.021 | <1 | 0.89 | 0.003 | 0.04 | 0.2 | 0.02 | 1.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217302 | Soil | 18 | 0.26 | 156 | 0.020 | <1 | 1.03 | 0.003 | 0.03 | 0.2 | 0.03 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217303 | Soil | 20 | 0.27 | 149 | 0.025 | 1 | 1.24 | 0.004 | 0.04 | 0.2 | 0.03 | 1.9 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| 1217304 | Soil | 20 | 0.48 | 105 | 0.010 | <1 | 1.39 | 0.003 | 0.04 | 0.1 | <0.01 | 1.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217305 | Soil | 20 | 0.44 | 115 | 0.018 | <1 | 1.35 | 0.003 | 0.05 | 0.1 | 0.01 | 1.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217306 | Soil | 15 | 0.20 | 167 | 0.013 | <1 | 0.98 | 0.004 | 0.04 | 0.3 | 0.02 | 1.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217307 | Soil | 23 | 0.61 | 113 | 0.011 | <1 | 1.37 | 0.004 | 0.06 | <0.1 | 0.01 | 1.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217308 | Soil | 10 | 0.17 | 237 | 0.007 | <1 | 0.89 | 0.005 | 0.14 | <0.1 | <0.01 | 0.8 | 0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217309 | Soil | 13 | 0.14 | 70 | 0.010 | 1 | 0.72 | 0.004 | 0.03 | 0.2 | 0.01 | 0.5 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1217310 | Soil | 18 | 0.25 | 134 | 0.013 | <1 | 1.06 | 0.003 | 0.05 | 0.2 | 0.03 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |



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Project: Oliver
 Report Date: January 03, 2012

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CERTIFICATE OF ANALYSIS

WHI11000757.2

| Method Analyte | Unit | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|----------------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| MDL | MDL | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | % | % | % | ppm |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1217311 | Soil | 0.5 | 16.4 | 8.3 | 36 | <0.1 | 13.9 | 5.3 | 133 | 1.91 | 9.0 | 1.2 | 6.8 | 6 | <0.1 | 0.4 | 0.2 | 26 | 0.05 | 0.023 | 22 |
| 1217312 | Soil | 0.7 | 20.3 | 11.4 | 45 | <0.1 | 16.4 | 6.7 | 161 | 2.07 | 10.7 | 3.6 | 6.0 | 7 | <0.1 | 0.6 | 0.2 | 30 | 0.06 | 0.024 | 17 |
| 1217313 | Soil | 0.6 | 23.2 | 8.3 | 47 | <0.1 | 19.7 | 7.0 | 153 | 2.36 | 8.4 | 2.2 | 8.4 | 7 | <0.1 | 0.5 | 0.2 | 26 | 0.05 | 0.021 | 24 |
| 1217314 | Soil | 0.9 | 23.9 | 12.9 | 46 | <0.1 | 24.4 | 7.5 | 154 | 2.76 | 6.3 | 1.2 | 11.3 | 5 | <0.1 | 0.4 | 0.3 | 24 | 0.02 | 0.019 | 24 |
| 1217315 | Soil | 0.7 | 9.8 | 10.4 | 38 | <0.1 | 13.1 | 4.9 | 133 | 1.98 | 6.2 | 0.6 | 5.4 | 8 | <0.1 | 0.6 | 0.2 | 32 | 0.06 | 0.025 | 21 |
| 1217316 | Soil | 0.8 | 13.2 | 15.6 | 54 | <0.1 | 15.2 | 6.9 | 154 | 2.35 | 9.1 | 1.0 | 5.7 | 7 | <0.1 | 0.6 | 0.2 | 40 | 0.06 | 0.018 | 15 |
| 1217317 | Soil | 0.6 | 37.7 | 14.4 | 84 | <0.1 | 27.8 | 10.0 | 215 | 2.62 | 3.3 | 0.6 | 15.8 | 11 | <0.1 | 0.3 | 0.2 | 12 | 0.09 | 0.024 | 47 |
| 1217318 | Soil | 0.7 | 13.0 | 15.8 | 44 | <0.1 | 15.6 | 6.2 | 137 | 2.18 | 9.0 | 4.0 | 5.9 | 10 | <0.1 | 0.3 | 0.2 | 31 | 0.09 | 0.033 | 17 |
| 1217319 | Soil | 0.7 | 14.2 | 16.5 | 46 | <0.1 | 15.9 | 6.1 | 144 | 2.24 | 9.1 | 4.8 | 6.0 | 10 | <0.1 | 0.4 | 0.2 | 32 | 0.09 | 0.034 | 18 |
| 1217320 | Soil | 0.7 | 14.8 | 10.0 | 51 | <0.1 | 19.9 | 8.4 | 273 | 2.39 | 6.6 | 11.8 | 5.4 | 11 | <0.1 | 0.4 | 0.1 | 25 | 0.09 | 0.038 | 18 |
| 1217321 | Soil | 0.9 | 19.9 | 12.4 | 52 | <0.1 | 23.2 | 8.6 | 150 | 2.53 | 8.1 | <0.5 | 7.5 | 6 | <0.1 | 0.5 | 0.2 | 28 | 0.04 | 0.027 | 20 |
| 1217322 | Soil | 0.7 | 10.0 | 8.6 | 36 | <0.1 | 12.1 | 4.4 | 108 | 1.64 | 6.7 | 1.7 | 4.3 | 15 | <0.1 | 0.3 | 0.2 | 29 | 0.16 | 0.015 | 12 |
| 1217323 | Soil | 0.9 | 14.1 | 9.1 | 38 | <0.1 | 16.7 | 5.6 | 123 | 2.34 | 12.6 | 4.2 | 5.0 | 8 | <0.1 | 0.7 | 0.2 | 28 | 0.06 | 0.022 | 13 |
| 1217324 | Soil | 0.9 | 15.3 | 11.1 | 47 | <0.1 | 18.4 | 6.8 | 159 | 2.63 | 11.1 | 7.4 | 6.2 | 6 | <0.1 | 0.5 | 0.2 | 26 | 0.02 | 0.029 | 16 |
| 1217325 | 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. |
| 1217326 | Soil | 0.6 | 20.1 | 15.2 | 49 | <0.1 | 19.9 | 9.4 | 229 | 2.34 | 13.0 | 2.7 | 9.9 | 11 | <0.1 | 0.4 | 0.2 | 16 | 0.12 | 0.034 | 29 |
| 1217327 | Soil | 0.7 | 20.7 | 14.3 | 53 | <0.1 | 23.4 | 8.6 | 216 | 2.76 | 15.1 | 3.1 | 7.5 | 10 | <0.1 | 0.6 | 0.2 | 41 | 0.12 | 0.026 | 19 |
| 1217328 | Soil | 0.8 | 15.7 | 12.7 | 45 | <0.1 | 15.6 | 5.7 | 158 | 2.40 | 16.6 | 2.6 | 5.9 | 12 | <0.1 | 0.6 | 0.2 | 42 | 0.13 | 0.020 | 20 |
| 1217329 | Soil | 0.7 | 23.2 | 21.5 | 57 | <0.1 | 22.4 | 8.5 | 273 | 2.53 | 18.2 | 1.1 | 7.7 | 9 | 0.1 | 0.8 | 0.2 | 26 | 0.09 | 0.028 | 20 |
| 1217330 | Soil | 0.5 | 22.6 | 20.2 | 58 | <0.1 | 24.6 | 9.8 | 275 | 2.67 | 9.3 | 0.9 | 12.2 | 14 | <0.1 | 0.6 | 0.2 | 16 | 0.11 | 0.032 | 29 |
| 1217331 | Soil | 0.5 | 21.2 | 16.1 | 59 | <0.1 | 26.7 | 11.4 | 463 | 2.39 | 5.7 | 0.8 | 11.7 | 19 | 0.1 | 0.5 | 0.2 | 14 | 0.32 | 0.039 | 37 |
| 1217332 | Soil | 0.6 | 16.3 | 9.7 | 46 | <0.1 | 16.4 | 8.4 | 335 | 1.75 | 8.7 | 5.7 | 4.1 | 26 | 0.2 | 0.5 | 0.2 | 21 | 0.37 | 0.043 | 17 |
| 1217333 | Soil | 0.6 | 13.0 | 9.1 | 45 | <0.1 | 14.1 | 8.0 | 479 | 1.59 | 8.2 | 4.1 | 3.9 | 41 | 0.2 | 0.6 | 0.1 | 17 | 0.56 | 0.046 | 13 |
| 1217334 | Soil | 0.5 | 14.1 | 10.2 | 44 | <0.1 | 14.3 | 7.6 | 434 | 1.66 | 9.0 | 1.5 | 3.8 | 62 | 0.1 | 0.6 | 0.1 | 17 | 0.88 | 0.052 | 15 |
| 1217335 | Soil | 0.5 | 18.6 | 12.6 | 48 | <0.1 | 16.0 | 8.3 | 331 | 1.86 | 11.4 | 3.3 | 5.0 | 55 | 0.2 | 1.0 | 0.2 | 19 | 0.78 | 0.046 | 20 |
| 1217336 | Soil | 0.6 | 18.6 | 11.4 | 41 | <0.1 | 16.9 | 7.2 | 195 | 2.04 | 11.0 | 1.6 | 5.4 | 26 | <0.1 | 0.8 | 0.2 | 27 | 0.43 | 0.032 | 17 |
| 1217337 | Soil | 0.5 | 16.5 | 13.6 | 42 | <0.1 | 16.4 | 8.0 | 309 | 1.90 | 7.5 | 1.0 | 8.4 | 27 | <0.1 | 0.6 | 0.2 | 16 | 0.37 | 0.038 | 25 |
| 1217338 | Soil | 0.5 | 24.5 | 16.3 | 68 | <0.1 | 24.7 | 9.8 | 367 | 2.34 | 7.8 | 1.4 | 11.5 | 36 | 0.1 | 0.6 | 0.2 | 15 | 0.44 | 0.052 | 33 |
| 1217339 | Soil | 0.5 | 21.4 | 14.3 | 64 | 0.1 | 19.8 | 9.0 | 374 | 2.17 | 10.0 | 2.1 | 6.0 | 96 | 0.1 | 0.6 | 0.2 | 18 | 1.17 | 0.048 | 25 |
| 1217340 | Soil | 0.4 | 18.1 | 13.3 | 66 | <0.1 | 18.2 | 8.3 | 456 | 2.02 | 16.9 | 0.5 | 6.4 | 88 | 0.2 | 0.5 | 0.2 | 15 | 0.95 | 0.051 | 26 |

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Project: Oliver
 Report Date: January 03, 2012

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CERTIFICATE OF ANALYSIS

WHI11000757.2

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1217311 | Soil | 16 | 0.25 | 122 | 0.016 | <1 | 0.96 | 0.003 | 0.03 | 0.3 | 0.01 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217312 | Soil | 18 | 0.26 | 106 | 0.020 | <1 | 1.07 | 0.003 | 0.03 | 0.3 | 0.03 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217313 | Soil | 19 | 0.34 | 97 | 0.013 | <1 | 1.11 | 0.003 | 0.04 | 0.2 | 0.03 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217314 | Soil | 23 | 0.25 | 81 | 0.004 | <1 | 1.22 | 0.003 | 0.04 | <0.1 | 0.01 | 1.9 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217315 | Soil | 16 | 0.22 | 121 | 0.012 | <1 | 1.08 | 0.003 | 0.04 | 0.1 | <0.01 | 1.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217316 | Soil | 22 | 0.29 | 146 | 0.020 | <1 | 1.39 | 0.004 | 0.04 | 0.2 | 0.02 | 1.6 | <0.1 | <0.05 | 4 | 0.5 | <0.2 |
| 1217317 | Soil | 13 | 0.24 | 128 | 0.002 | <1 | 0.79 | 0.003 | 0.05 | <0.1 | 0.02 | 1.7 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217318 | Soil | 16 | 0.27 | 114 | 0.013 | <1 | 0.98 | 0.003 | 0.07 | 0.2 | <0.01 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217319 | Soil | 17 | 0.27 | 120 | 0.014 | <1 | 0.99 | 0.004 | 0.07 | 0.3 | <0.01 | 1.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217320 | Soil | 19 | 0.42 | 151 | 0.010 | <1 | 1.20 | 0.004 | 0.07 | 0.1 | 0.02 | 1.4 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217321 | Soil | 20 | 0.31 | 101 | 0.010 | <1 | 1.36 | 0.003 | 0.05 | 0.2 | 0.03 | 1.5 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1217322 | Soil | 15 | 0.26 | 208 | 0.013 | <1 | 1.01 | 0.004 | 0.03 | 0.2 | 0.02 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217323 | Soil | 15 | 0.25 | 153 | 0.012 | <1 | 1.01 | 0.003 | 0.05 | 0.3 | 0.01 | 1.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217324 | Soil | 19 | 0.32 | 109 | 0.009 | <1 | 1.16 | 0.003 | 0.04 | 0.3 | <0.01 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217325 | 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. |
| 1217326 | Soil | 12 | 0.24 | 120 | 0.007 | <1 | 0.89 | 0.003 | 0.05 | 0.1 | 0.03 | 1.3 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217327 | Soil | 25 | 0.34 | 182 | 0.028 | 1 | 1.58 | 0.004 | 0.07 | 0.2 | 0.03 | 2.1 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217328 | Soil | 21 | 0.27 | 181 | 0.024 | 1 | 1.31 | 0.004 | 0.06 | 0.2 | 0.03 | 2.2 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217329 | Soil | 17 | 0.28 | 110 | 0.015 | 1 | 1.10 | 0.004 | 0.08 | 0.1 | 0.04 | 1.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217330 | Soil | 13 | 0.22 | 116 | 0.007 | 2 | 0.80 | 0.003 | 0.09 | 0.1 | 0.06 | 1.8 | <0.1 | 0.07 | 2 | <0.5 | <0.2 |
| 1217331 | Soil | 11 | 0.20 | 176 | 0.006 | 2 | 0.61 | 0.003 | 0.08 | <0.1 | 0.05 | 1.9 | 0.1 | 0.05 | 2 | <0.5 | <0.2 |
| 1217332 | Soil | 13 | 0.25 | 181 | 0.009 | 1 | 0.73 | 0.004 | 0.03 | 0.3 | 0.04 | 1.6 | <0.1 | 0.06 | 2 | 0.5 | <0.2 |
| 1217333 | Soil | 11 | 0.23 | 192 | 0.005 | 2 | 0.53 | 0.004 | 0.03 | 0.2 | 0.07 | 1.3 | <0.1 | 0.08 | 2 | <0.5 | <0.2 |
| 1217334 | Soil | 12 | 0.24 | 205 | 0.008 | 1 | 0.61 | 0.004 | 0.04 | 0.2 | 0.06 | 1.5 | <0.1 | 0.12 | 2 | 0.6 | <0.2 |
| 1217335 | Soil | 13 | 0.27 | 182 | 0.008 | 3 | 0.66 | 0.006 | 0.05 | 0.3 | 0.11 | 2.1 | <0.1 | 0.10 | 2 | <0.5 | <0.2 |
| 1217336 | Soil | 16 | 0.26 | 265 | 0.007 | 2 | 1.01 | 0.006 | 0.05 | 0.2 | 0.08 | 2.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217337 | Soil | 11 | 0.24 | 174 | 0.007 | 1 | 0.67 | 0.003 | 0.07 | 0.2 | 0.09 | 1.9 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217338 | Soil | 13 | 0.31 | 147 | 0.010 | 2 | 0.72 | 0.004 | 0.11 | 0.1 | 0.11 | 2.0 | 0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217339 | Soil | 16 | 0.38 | 213 | 0.008 | 4 | 0.75 | 0.006 | 0.09 | <0.1 | 0.12 | 2.5 | <0.1 | 0.12 | 2 | <0.5 | <0.2 |
| 1217340 | Soil | 13 | 0.43 | 210 | 0.008 | 4 | 0.76 | 0.006 | 0.09 | 0.1 | 0.09 | 1.8 | <0.1 | 0.13 | 2 | <0.5 | <0.2 |

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CERTIFICATE OF ANALYSIS

WHI11000757.2

| Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | |
| Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| 1218601 | Soil | 0.7 | 24.2 | 10.5 | 51 | <0.1 | 21.3 | 10.6 | 333 | 2.23 | 14.0 | 2.9 | 4.7 | 10 | <0.1 | 0.8 | 0.2 | 30 | 0.12 | 0.064 | 17 |
| 1218602 | Soil | 0.9 | 16.0 | 10.9 | 42 | <0.1 | 15.3 | 7.3 | 220 | 2.30 | 11.6 | 1.6 | 4.2 | 7 | 0.2 | 0.8 | 0.2 | 35 | 0.06 | 0.032 | 11 |
| 1218603 | Soil | 1.2 | 14.5 | 11.1 | 46 | <0.1 | 16.3 | 7.0 | 220 | 2.19 | 11.0 | <0.5 | 3.2 | 8 | <0.1 | 0.8 | 0.1 | 28 | 0.07 | 0.047 | 13 |
| 1218604 | Soil | 0.8 | 11.9 | 10.5 | 34 | <0.1 | 10.0 | 4.3 | 115 | 1.84 | 10.6 | 15.0 | 0.4 | 7 | 0.1 | 0.6 | 0.2 | 32 | 0.06 | 0.048 | 11 |
| 1218605 | Soil | 1.1 | 31.2 | 17.5 | 61 | <0.1 | 26.4 | 15.2 | 819 | 2.76 | 16.5 | 0.7 | 6.6 | 7 | 0.3 | 1.0 | 0.2 | 26 | 0.07 | 0.053 | 18 |
| 1218606 | Soil | 1.4 | 25.7 | 11.4 | 49 | 0.2 | 20.8 | 9.3 | 475 | 2.08 | 11.5 | 1.5 | 3.2 | 17 | 0.1 | 0.8 | 0.2 | 28 | 0.26 | 0.056 | 15 |
| 1218607 | Soil | 0.8 | 21.3 | 11.6 | 43 | <0.1 | 18.4 | 7.7 | 224 | 2.15 | 10.1 | 2.9 | 3.8 | 8 | <0.1 | 0.6 | 0.2 | 29 | 0.09 | 0.046 | 19 |
| 1218608 | Soil | 0.9 | 23.2 | 10.1 | 52 | <0.1 | 19.6 | 8.4 | 272 | 2.19 | 11.4 | 2.8 | 3.8 | 9 | 0.1 | 0.8 | 0.1 | 27 | 0.09 | 0.047 | 15 |
| 1218609 | Soil | 1.0 | 18.4 | 11.0 | 41 | <0.1 | 14.8 | 5.5 | 161 | 2.07 | 9.2 | 2.3 | 1.2 | 9 | <0.1 | 0.6 | 0.2 | 32 | 0.08 | 0.051 | 16 |
| 1218610 | Soil | 2.0 | 35.7 | 12.2 | 52 | <0.1 | 27.2 | 10.0 | 515 | 2.10 | 11.8 | 6.4 | 7.0 | 11 | 0.4 | 0.8 | 0.2 | 24 | 0.12 | 0.054 | 27 |
| 1218611 | Soil | 0.8 | 41.8 | 17.4 | 55 | 0.1 | 30.2 | 12.3 | 896 | 2.22 | 17.8 | 15.2 | 8.0 | 40 | 0.3 | 0.9 | 0.2 | 23 | 0.91 | 0.060 | 26 |
| 1218612 | Soil | 1.2 | 33.3 | 13.5 | 68 | <0.1 | 29.6 | 13.8 | 496 | 2.64 | 12.7 | 2.6 | 9.3 | 10 | 0.2 | 0.8 | 0.2 | 31 | 0.09 | 0.050 | 26 |
| 1218613 | Soil | 0.9 | 27.9 | 12.4 | 59 | <0.1 | 24.8 | 10.4 | 392 | 2.49 | 13.8 | 12.6 | 5.3 | 8 | 0.2 | 0.7 | 0.2 | 32 | 0.08 | 0.050 | 26 |
| 1218614 | Soil | 1.2 | 11.2 | 13.3 | 44 | <0.1 | 13.6 | 8.0 | 279 | 2.83 | 15.6 | 2.1 | 2.9 | 8 | <0.1 | 0.6 | 0.2 | 46 | 0.06 | 0.047 | 14 |
| 1218615 | Soil | 1.3 | 11.6 | 10.9 | 46 | <0.1 | 14.5 | 6.0 | 197 | 2.70 | 17.4 | 1.4 | 3.4 | 7 | 0.1 | 0.8 | 0.2 | 47 | 0.07 | 0.048 | 13 |
| 1218616 | Soil | 1.0 | 32.9 | 18.3 | 64 | <0.1 | 29.1 | 12.2 | 693 | 2.66 | 12.8 | 2.3 | 5.9 | 8 | 0.1 | 0.7 | 0.3 | 35 | 0.07 | 0.049 | 33 |
| 1218617 | Soil | 1.0 | 20.7 | 10.3 | 49 | <0.1 | 15.3 | 6.5 | 162 | 2.19 | 12.9 | 2.3 | 2.6 | 9 | 0.1 | 0.6 | 0.2 | 36 | 0.09 | 0.052 | 15 |
| 1218618 | Soil | 0.9 | 30.6 | 11.5 | 70 | <0.1 | 26.2 | 12.5 | 443 | 2.53 | 14.3 | 5.0 | 6.9 | 10 | 0.3 | 0.8 | 0.2 | 35 | 0.10 | 0.051 | 21 |
| 1218619 | Soil | 1.1 | 21.9 | 10.1 | 66 | <0.1 | 19.0 | 10.4 | 369 | 2.41 | 14.2 | 9.1 | 3.9 | 11 | 0.2 | 0.6 | 0.2 | 34 | 0.12 | 0.073 | 17 |
| 1218620 | Soil | 1.0 | 23.0 | 14.7 | 49 | <0.1 | 17.4 | 7.6 | 228 | 2.39 | 11.2 | 1.7 | 5.7 | 8 | <0.1 | 0.5 | 0.2 | 35 | 0.07 | 0.045 | 24 |
| 1218621 | Soil | 1.4 | 29.6 | 28.6 | 82 | <0.1 | 24.9 | 12.9 | 477 | 2.72 | 13.1 | 8.1 | 7.1 | 9 | 0.2 | 0.8 | 0.3 | 42 | 0.07 | 0.046 | 17 |



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Project: Oliver
 Report Date: January 03, 2012

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CERTIFICATE OF ANALYSIS

WHI11000757.2

| Method | Analyte | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm |
| MDL | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 1218601 | Soil | 19 | 0.36 | 174 | 0.023 | <1 | 1.07 | 0.005 | 0.03 | 0.2 | 0.04 | 2.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218602 | Soil | 21 | 0.35 | 132 | 0.025 | <1 | 1.38 | 0.005 | 0.03 | 0.3 | 0.03 | 1.8 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1218603 | Soil | 17 | 0.30 | 73 | 0.018 | <1 | 0.94 | 0.004 | 0.04 | 0.3 | 0.02 | 1.4 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218604 | Soil | 18 | 0.28 | 78 | 0.013 | <1 | 1.04 | 0.004 | 0.03 | 0.2 | 0.04 | 0.9 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218605 | Soil | 18 | 0.35 | 90 | 0.014 | 1 | 0.98 | 0.004 | 0.05 | 0.2 | 0.04 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218606 | Soil | 17 | 0.31 | 272 | 0.014 | 2 | 0.84 | 0.007 | 0.03 | 0.3 | 0.05 | 2.1 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218607 | Soil | 20 | 0.34 | 128 | 0.017 | <1 | 1.10 | 0.004 | 0.03 | 0.2 | 0.03 | 1.6 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1218608 | Soil | 18 | 0.32 | 94 | 0.019 | <1 | 1.04 | 0.004 | 0.03 | 0.3 | 0.04 | 1.7 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1218609 | Soil | 19 | 0.35 | 102 | 0.015 | <1 | 1.16 | 0.004 | 0.03 | 0.2 | 0.04 | 1.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218610 | Soil | 15 | 0.36 | 225 | 0.020 | 1 | 0.86 | 0.005 | 0.04 | 0.2 | 0.03 | 2.7 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218611 | Soil | 16 | 0.50 | 173 | 0.016 | 1 | 0.86 | 0.006 | 0.05 | 0.3 | 0.05 | 3.4 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218612 | Soil | 20 | 0.46 | 136 | 0.017 | 2 | 1.19 | 0.004 | 0.04 | 0.2 | 0.03 | 2.5 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218613 | Soil | 21 | 0.42 | 125 | 0.020 | 1 | 1.24 | 0.004 | 0.03 | 0.2 | 0.04 | 1.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218614 | Soil | 26 | 0.39 | 84 | 0.031 | <1 | 1.22 | 0.004 | 0.03 | 0.2 | 0.03 | 2.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218615 | Soil | 21 | 0.32 | 68 | 0.026 | <1 | 1.11 | 0.005 | 0.03 | 0.3 | 0.02 | 1.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218616 | Soil | 24 | 0.74 | 208 | 0.019 | 1 | 1.51 | 0.004 | 0.03 | 0.2 | 0.03 | 2.2 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218617 | Soil | 21 | 0.38 | 95 | 0.024 | <1 | 1.29 | 0.004 | 0.03 | 0.2 | 0.04 | 1.9 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| 1218618 | Soil | 22 | 0.43 | 193 | 0.026 | <1 | 1.31 | 0.005 | 0.04 | 0.3 | 0.04 | 2.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218619 | Soil | 21 | 0.40 | 90 | 0.025 | <1 | 1.23 | 0.004 | 0.03 | 0.2 | 0.03 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218620 | Soil | 21 | 0.39 | 152 | 0.021 | <1 | 1.27 | 0.004 | 0.03 | 0.2 | 0.04 | 2.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218621 | Soil | 25 | 0.38 | 149 | 0.029 | <1 | 1.46 | 0.005 | 0.04 | 0.3 | 0.03 | 2.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |



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Project: Oliver

Report Date: January 03, 2012

Page: 1 of 3 Part 1

QUALITY CONTROL REPORT

WHI11000757.2

| Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| Analyte | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | |
| Unit | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | |
| MDL | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 1217463 | Soil | 0.9 | 9.9 | 8.0 | 35 | <0.1 | 9.2 | 3.5 | 106 | 1.72 | 7.5 | <0.5 | 0.6 | 5 | <0.1 | 0.4 | 0.2 | 26 | 0.04 | 0.040 | 13 |
| REP 1217463 | QC | 0.9 | 9.9 | 8.0 | 34 | <0.1 | 9.5 | 3.5 | 107 | 1.74 | 7.6 | 0.8 | 0.5 | 5 | <0.1 | 0.4 | 0.2 | 26 | 0.04 | 0.040 | 13 |
| 1217477 | Soil | 0.7 | 20.0 | 6.4 | 41 | <0.1 | 16.7 | 5.0 | 253 | 1.38 | 6.6 | 1.9 | 4.0 | 12 | <0.1 | 0.6 | 0.1 | 22 | 0.15 | 0.049 | 12 |
| REP 1217477 | QC | 0.6 | 19.8 | 6.5 | 42 | <0.1 | 16.8 | 5.1 | 249 | 1.38 | 6.8 | 1.1 | 3.9 | 12 | <0.1 | 0.6 | 0.1 | 21 | 0.15 | 0.048 | 12 |
| 1218501 | Soil | 0.9 | 25.6 | 11.0 | 54 | <0.1 | 23.8 | 9.9 | 234 | 2.34 | 9.2 | 1.3 | 9.4 | 5 | <0.1 | 0.6 | 0.2 | 23 | 0.02 | 0.015 | 26 |
| REP 1218501 | QC | 0.9 | 25.3 | 10.8 | 54 | <0.1 | 23.0 | 9.8 | 229 | 2.28 | 9.0 | 1.7 | 8.9 | 6 | <0.1 | 0.7 | 0.2 | 22 | 0.03 | 0.015 | 26 |
| 1218519 | Soil | 0.9 | 13.0 | 10.5 | 44 | <0.1 | 15.0 | 6.2 | 259 | 2.04 | 12.7 | 2.9 | 1.4 | 7 | <0.1 | 0.7 | 0.2 | 30 | 0.06 | 0.043 | 12 |
| REP 1218519 | QC | 0.8 | 12.8 | 10.4 | 44 | <0.1 | 13.9 | 6.2 | 263 | 2.05 | 12.7 | 2.5 | 1.3 | 7 | 0.1 | 0.7 | 0.1 | 30 | 0.06 | 0.045 | 13 |
| 1218525 | Soil | 0.7 | 20.7 | 8.3 | 54 | <0.1 | 22.5 | 10.3 | 396 | 1.99 | 8.7 | 1.3 | 3.9 | 7 | 0.2 | 0.5 | 0.2 | 19 | 0.07 | 0.052 | 21 |
| REP 1218525 | QC | 0.6 | 21.7 | 8.3 | 56 | <0.1 | 23.0 | 10.7 | 422 | 2.10 | 8.1 | 1.6 | 4.0 | 7 | 0.3 | 0.5 | 0.2 | 20 | 0.07 | 0.052 | 21 |
| 1218545 | Soil | 0.9 | 10.8 | 8.3 | 33 | <0.1 | 12.1 | 4.4 | 142 | 1.50 | 9.1 | 2.0 | 2.0 | 6 | <0.1 | 0.5 | 0.1 | 21 | 0.07 | 0.043 | 9 |
| REP 1218545 | QC | 0.8 | 11.0 | 8.4 | 33 | <0.1 | 11.8 | 4.5 | 147 | 1.58 | 9.9 | 1.5 | 2.1 | 6 | 0.2 | 0.5 | 0.1 | 21 | 0.07 | 0.044 | 9 |
| 1217162 | Soil | 0.6 | 19.6 | 12.1 | 43 | <0.1 | 22.9 | 7.5 | 413 | 1.96 | 9.8 | 1.7 | 5.3 | 25 | 0.1 | 0.4 | 0.2 | 22 | 0.48 | 0.029 | 26 |
| REP 1217162 | QC | 0.6 | 19.4 | 12.1 | 44 | <0.1 | 20.9 | 7.5 | 414 | 1.99 | 10.1 | 0.7 | 5.2 | 24 | 0.1 | 0.5 | 0.2 | 23 | 0.48 | 0.029 | 26 |
| 1217168 | Soil | 0.4 | 17.0 | 11.7 | 49 | <0.1 | 18.0 | 7.4 | 338 | 1.73 | 13.1 | 0.5 | 5.5 | 51 | <0.1 | 0.4 | 0.2 | 12 | 0.83 | 0.038 | 23 |
| REP 1217168 | QC | 0.5 | 16.7 | 11.4 | 47 | <0.1 | 18.2 | 7.2 | 341 | 1.76 | 13.2 | <0.5 | 5.3 | 51 | 0.1 | 0.4 | 0.2 | 13 | 0.83 | 0.038 | 23 |
| 1217198 | Soil | 0.9 | 26.9 | 12.2 | 55 | <0.1 | 21.0 | 7.4 | 208 | 2.51 | 10.9 | 2.3 | 9.4 | 8 | <0.1 | 0.7 | 0.2 | 36 | 0.06 | 0.020 | 26 |
| REP 1217198 | QC | 0.9 | 27.2 | 12.8 | 54 | <0.1 | 21.2 | 7.4 | 197 | 2.56 | 10.8 | 3.3 | 9.2 | 8 | <0.1 | 0.7 | 0.2 | 36 | 0.06 | 0.021 | 26 |
| 1217207 | Soil | 0.6 | 15.0 | 10.5 | 39 | <0.1 | 14.4 | 6.0 | 152 | 2.08 | 9.8 | 0.7 | 5.9 | 8 | <0.1 | 0.5 | 0.2 | 29 | 0.06 | 0.028 | 19 |
| REP 1217207 | QC | 0.9 | 15.0 | 10.0 | 39 | <0.1 | 14.1 | 6.0 | 151 | 2.10 | 10.1 | 2.3 | 5.8 | 8 | <0.1 | 0.6 | 0.2 | 28 | 0.06 | 0.028 | 18 |
| 1217225 | Soil | 0.9 | 24.3 | 18.1 | 60 | <0.1 | 27.6 | 12.2 | 327 | 2.49 | 18.7 | 6.9 | 10.9 | 27 | <0.1 | 0.7 | 0.2 | 15 | 0.36 | 0.042 | 35 |
| REP 1217225 | QC | 0.8 | 24.1 | 18.4 | 62 | <0.1 | 28.3 | 12.5 | 335 | 2.55 | 18.7 | 4.6 | 10.8 | 28 | <0.1 | 0.6 | 0.2 | 14 | 0.36 | 0.045 | 34 |
| 1217241 | Soil | 0.8 | 11.4 | 9.8 | 95 | 0.1 | 13.9 | 7.7 | 376 | 2.07 | 6.2 | 2.6 | 1.1 | 8 | 0.3 | 0.3 | 0.1 | 31 | 0.06 | 0.063 | 17 |
| REP 1217241 | QC | 1.0 | 11.9 | 10.6 | 96 | 0.2 | 14.2 | 7.8 | 379 | 2.08 | 6.3 | <0.5 | 1.4 | 8 | 0.3 | 0.4 | 0.2 | 32 | 0.07 | 0.064 | 18 |
| 1217269 | Soil | 0.8 | 10.2 | 10.8 | 44 | <0.1 | 11.3 | 4.7 | 165 | 1.75 | 8.9 | 3.0 | 0.5 | 8 | <0.1 | 0.5 | <0.1 | 31 | 0.07 | 0.049 | 12 |
| REP 1217269 | QC | 0.8 | 10.3 | 11.1 | 45 | <0.1 | 11.6 | 4.7 | 163 | 1.80 | 8.9 | 5.0 | 0.3 | 8 | 0.1 | 0.5 | <0.1 | 31 | 0.07 | 0.052 | 12 |
| 1217284 | Soil | 0.5 | 6.9 | 8.7 | 27 | <0.1 | 6.5 | 2.3 | 74 | 1.34 | 7.3 | 4.3 | 0.2 | 6 | <0.1 | 0.4 | <0.1 | 26 | 0.05 | 0.043 | 11 |
| REP 1217284 | QC | 0.5 | 7.1 | 9.4 | 28 | <0.1 | 6.8 | 2.4 | 75 | 1.31 | 7.7 | 1.2 | 0.1 | 6 | <0.1 | 0.5 | <0.1 | 27 | 0.05 | 0.043 | 11 |



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Project: Oliver
 Report Date: January 03, 2012

Page: 1 of 3 Part 2

QUALITY CONTROL REPORT

WHI11000757.2

| Method | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Analyte | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | |
| Unit | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | |
| 1217463 | Soil | 13 | 0.19 | 57 | 0.010 | 1 | 0.72 | 0.002 | 0.03 | 0.2 | 0.02 | 0.6 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| REP 1217463 | QC | 13 | 0.18 | 57 | 0.010 | <1 | 0.73 | 0.002 | 0.03 | 0.2 | 0.03 | 0.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217477 | Soil | 13 | 0.23 | 156 | 0.020 | <1 | 0.67 | 0.003 | 0.04 | 0.1 | 0.03 | 2.0 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| REP 1217477 | QC | 13 | 0.23 | 155 | 0.019 | <1 | 0.67 | 0.003 | 0.04 | 0.1 | 0.03 | 2.2 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1218501 | Soil | 15 | 0.30 | 100 | 0.018 | <1 | 0.99 | 0.003 | 0.04 | 0.2 | 0.02 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1218501 | QC | 16 | 0.30 | 102 | 0.017 | <1 | 1.00 | 0.003 | 0.04 | 0.2 | <0.01 | 1.7 | <0.1 | <0.05 | 3 | 0.8 | <0.2 |
| 1218519 | Soil | 17 | 0.27 | 71 | 0.018 | <1 | 0.82 | 0.004 | 0.03 | 0.3 | <0.01 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1218519 | QC | 17 | 0.28 | 72 | 0.020 | <1 | 0.84 | 0.004 | 0.03 | 0.4 | 0.03 | 1.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1218525 | Soil | 17 | 0.33 | 92 | 0.013 | 2 | 0.92 | 0.004 | 0.03 | 0.2 | <0.01 | 1.6 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| REP 1218525 | QC | 18 | 0.34 | 92 | 0.014 | 2 | 0.96 | 0.003 | 0.03 | 0.1 | 0.03 | 1.6 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| 1218545 | Soil | 11 | 0.20 | 58 | 0.010 | 4 | 0.60 | 0.003 | 0.02 | 0.1 | <0.01 | 1.1 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| REP 1218545 | QC | 12 | 0.21 | 58 | 0.010 | <1 | 0.62 | 0.003 | 0.03 | 0.1 | 0.01 | 1.0 | <0.1 | <0.05 | 2 | 0.8 | <0.2 |
| 1217162 | Soil | 17 | 0.21 | 245 | 0.007 | <1 | 0.98 | 0.005 | 0.06 | 0.1 | 0.04 | 2.2 | <0.1 | <0.05 | 3 | 0.5 | <0.2 |
| REP 1217162 | QC | 17 | 0.21 | 240 | 0.008 | 1 | 1.00 | 0.005 | 0.06 | 0.1 | 0.05 | 2.2 | <0.1 | <0.05 | 2 | 0.6 | <0.2 |
| 1217168 | Soil | 12 | 0.21 | 160 | 0.005 | 2 | 0.67 | 0.004 | 0.07 | 0.2 | 0.07 | 1.3 | <0.1 | <0.05 | 2 | 0.5 | <0.2 |
| REP 1217168 | QC | 12 | 0.21 | 160 | 0.005 | 2 | 0.69 | 0.004 | 0.07 | 0.1 | 0.06 | 1.4 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| 1217198 | Soil | 26 | 0.31 | 180 | 0.021 | 1 | 1.35 | 0.004 | 0.05 | 0.2 | 0.06 | 3.1 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1217198 | QC | 25 | 0.30 | 181 | 0.022 | <1 | 1.38 | 0.004 | 0.05 | 0.2 | 0.05 | 3.0 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217207 | Soil | 17 | 0.23 | 127 | 0.016 | <1 | 0.99 | 0.003 | 0.04 | 0.2 | 0.02 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1217207 | QC | 17 | 0.23 | 125 | 0.014 | <1 | 0.96 | 0.003 | 0.04 | 0.2 | 0.02 | 1.7 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217225 | Soil | 18 | 0.33 | 150 | 0.007 | 3 | 0.97 | 0.005 | 0.11 | 0.1 | 0.10 | 2.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| REP 1217225 | QC | 19 | 0.32 | 147 | 0.008 | 4 | 0.97 | 0.005 | 0.12 | 0.1 | 0.09 | 2.2 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| 1217241 | Soil | 17 | 0.25 | 131 | 0.012 | <1 | 1.09 | 0.007 | 0.05 | 0.2 | 0.01 | 0.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1217241 | QC | 17 | 0.26 | 136 | 0.012 | 1 | 1.14 | 0.007 | 0.06 | 0.3 | 0.02 | 0.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1217269 | Soil | 20 | 0.25 | 100 | 0.011 | <1 | 1.07 | 0.004 | 0.03 | 0.1 | 0.04 | 0.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1217269 | QC | 20 | 0.26 | 97 | 0.012 | <1 | 1.06 | 0.004 | 0.03 | 0.2 | 0.02 | 0.5 | <0.1 | <0.05 | 4 | 0.9 | <0.2 |
| 1217284 | Soil | 16 | 0.17 | 55 | 0.009 | <1 | 0.76 | 0.003 | 0.02 | 0.2 | 0.03 | 0.4 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| REP 1217284 | QC | 16 | 0.18 | 55 | 0.011 | <1 | 0.77 | 0.003 | 0.03 | 0.2 | 0.03 | 0.3 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |

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Project: Oliver

Report Date: January 03, 2012

Page: 2 of 3 **Part** 1

QUALITY CONTROL REPORT

WHI11000757.2

| | | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | |
|---------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|------|
| | | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La |
| | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm |
| | | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | 1 |
| 1217305 | Soil | 0.5 | 16.1 | 9.6 | 52 | <0.1 | 18.1 | 6.8 | 184 | 2.38 | 8.0 | 16.0 | 6.8 | 8 | <0.1 | 0.4 | 0.2 | 30 | 0.07 | 0.014 | 20 |
| REP 1217305 | QC | 0.6 | 15.3 | 9.6 | 51 | <0.1 | 17.9 | 6.9 | 181 | 2.35 | 7.9 | 2.0 | 6.8 | 7 | <0.1 | 0.4 | 0.2 | 29 | 0.08 | 0.014 | 19 |
| 1218607 | Soil | 0.8 | 21.3 | 11.6 | 43 | <0.1 | 18.4 | 7.7 | 224 | 2.15 | 10.1 | 2.9 | 3.8 | 8 | <0.1 | 0.6 | 0.2 | 29 | 0.09 | 0.046 | 19 |
| REP 1218607 | QC | 0.8 | 21.2 | 11.8 | 45 | <0.1 | 18.3 | 7.2 | 216 | 2.13 | 10.9 | 1.5 | 3.8 | 8 | <0.1 | 0.6 | 0.2 | 29 | 0.09 | 0.047 | 19 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | 14.3 | 119.3 | 129.2 | 316 | 1.8 | 41.2 | 8.1 | 615 | 2.43 | 28.5 | 106.8 | 7.3 | 67 | 2.3 | 5.7 | 6.9 | 46 | 0.70 | 0.075 | 16 |
| STD DS8 | Standard | 13.4 | 113.4 | 126.8 | 313 | 1.8 | 39.7 | 7.7 | 617 | 2.49 | 27.7 | 105.6 | 6.7 | 71 | 2.4 | 6.0 | 6.9 | 45 | 0.68 | 0.086 | 14 |
| STD DS8 | Standard | 12.5 | 105.2 | 120.8 | 302 | 1.8 | 35.6 | 7.2 | 575 | 2.33 | 24.1 | 114.4 | 6.4 | 59 | 2.3 | 5.2 | 6.4 | 41 | 0.67 | 0.077 | 14 |
| STD DS8 | Standard | 12.1 | 100.4 | 111.1 | 281 | 1.6 | 34.6 | 7.0 | 557 | 2.19 | 22.7 | 118.0 | 6.2 | 57 | 2.2 | 4.3 | 5.7 | 38 | 0.67 | 0.076 | 14 |
| STD DS8 | Standard | 12.7 | 105.7 | 113.2 | 294 | 1.8 | 36.6 | 7.3 | 567 | 2.29 | 22.6 | 107.7 | 6.4 | 60 | 2.4 | 4.9 | 6.3 | 40 | 0.64 | 0.070 | 14 |
| STD DS8 | Standard | 12.9 | 110.9 | 120.9 | 309 | 1.8 | 38.0 | 7.5 | 605 | 2.43 | 24.4 | 107.1 | 6.3 | 63 | 2.2 | 5.6 | 6.5 | 41 | 0.67 | 0.080 | 14 |
| STD DS8 | Standard | 11.1 | 93.5 | 111.3 | 283 | 1.6 | 32.0 | 6.6 | 536 | 2.13 | 23.2 | 100.8 | 6.2 | 59 | 2.2 | 5.2 | 5.3 | 36 | 0.60 | 0.072 | 13 |
| STD DS8 | Standard | 11.4 | 99.6 | 115.4 | 295 | 1.5 | 34.1 | 6.8 | 576 | 2.38 | 23.4 | 99.6 | 5.7 | 58 | 2.2 | 4.9 | 5.5 | 38 | 0.61 | 0.076 | 12 |
| STD DS8 | Standard | 13.3 | 111.6 | 123.2 | 318 | 1.9 | 37.7 | 7.6 | 637 | 2.51 | 24.9 | 121.4 | 6.7 | 64 | 2.3 | 5.3 | 6.7 | 42 | 0.72 | 0.080 | 16 |
| STD DS8 | Standard | 13.5 | 107.5 | 123.5 | 312 | 1.8 | 36.9 | 7.8 | 632 | 2.47 | 25.5 | 115.6 | 7.1 | 68 | 2.2 | 5.7 | 6.6 | 44 | 0.73 | 0.078 | 18 |
| STD DS8 | Standard | 14.3 | 118.8 | 132.8 | 325 | 1.9 | 41.0 | 7.6 | 602 | 2.48 | 26.4 | 119.0 | 6.7 | 64 | 2.6 | 5.0 | 5.9 | 41 | 0.69 | 0.078 | 14 |
| STD DS8 | Standard | 12.9 | 106.5 | 122.8 | 305 | 1.7 | 38.0 | 7.3 | 598 | 2.45 | 24.6 | 99.2 | 6.6 | 60 | 2.1 | 5.4 | 5.9 | 41 | 0.67 | 0.077 | 14 |
| STD DS8 Expected | | 13.44 | 110 | 123 | 312 | 1.69 | 38.1 | 7.5 | 615 | 2.46 | 26 | 107 | 6.89 | 67.7 | 2.38 | 5.7 | 6.67 | 41.1 | 0.7 | 0.08 | 14.6 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | 0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 | <1 |

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 1300 - 111 West Georgia Street
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Project: Oliver
 Report Date: January 03, 2012

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

WHI11000757.2

| | | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|---------------------|----------|-------|--------|-------|--------|-------|-------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| | | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| | | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 |
| 1217305 | Soil | 20 | 0.44 | 115 | 0.018 | <1 | 1.35 | 0.003 | 0.05 | 0.1 | 0.01 | 1.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP 1217305 | QC | 20 | 0.42 | 111 | 0.016 | 2 | 1.29 | 0.004 | 0.04 | 0.1 | <0.01 | 1.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| 1218607 | Soil | 20 | 0.34 | 128 | 0.017 | <1 | 1.10 | 0.004 | 0.03 | 0.2 | 0.03 | 1.6 | <0.1 | <0.05 | 3 | 0.7 | <0.2 |
| REP 1218607 | QC | 19 | 0.34 | 125 | 0.017 | <1 | 1.19 | 0.005 | 0.03 | 0.2 | 0.03 | 1.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| Reference Materials | | | | | | | | | | | | | | | | | |
| STD DS8 | Standard | 126 | 0.62 | 268 | 0.140 | 3 | 0.92 | 0.081 | 0.39 | 2.8 | 0.21 | 2.0 | 5.4 | 0.15 | 5 | 4.9 | 4.6 |
| STD DS8 | Standard | 121 | 0.59 | 271 | 0.128 | 3 | 0.89 | 0.085 | 0.43 | 3.2 | 0.20 | 2.4 | 5.4 | 0.19 | 5 | 5.3 | 5.1 |
| STD DS8 | Standard | 111 | 0.59 | 278 | 0.103 | 3 | 0.85 | 0.081 | 0.41 | 3.1 | 0.22 | 2.0 | 5.3 | 0.16 | 4 | 5.0 | 4.8 |
| STD DS8 | Standard | 102 | 0.57 | 257 | 0.103 | 2 | 0.87 | 0.093 | 0.40 | 2.7 | 0.19 | 1.9 | 4.8 | 0.15 | 4 | 4.3 | 4.4 |
| STD DS8 | Standard | 113 | 0.57 | 262 | 0.103 | 2 | 0.86 | 0.087 | 0.39 | 2.9 | 0.19 | 2.2 | 5.0 | 0.13 | 4 | 4.8 | 4.2 |
| STD DS8 | Standard | 116 | 0.60 | 282 | 0.119 | 2 | 0.87 | 0.083 | 0.40 | 3.2 | 0.19 | 1.9 | 5.3 | 0.14 | 4 | 5.4 | 5.0 |
| STD DS8 | Standard | 100 | 0.57 | 250 | 0.098 | <1 | 0.80 | 0.079 | 0.37 | 2.8 | 0.17 | 1.7 | 4.7 | 0.12 | 4 | 5.8 | 5.0 |
| STD DS8 | Standard | 108 | 0.56 | 260 | 0.095 | 2 | 0.83 | 0.086 | 0.38 | 2.8 | 0.19 | 2.3 | 5.0 | 0.15 | 4 | 5.3 | 4.6 |
| STD DS8 | Standard | 120 | 0.61 | 280 | 0.108 | 3 | 0.91 | 0.093 | 0.42 | 2.8 | 0.19 | 2.2 | 5.5 | 0.14 | 5 | 5.0 | 4.9 |
| STD DS8 | Standard | 120 | 0.62 | 292 | 0.115 | 3 | 0.94 | 0.090 | 0.43 | 3.0 | 0.20 | 2.4 | 5.6 | 0.16 | 5 | 5.0 | 5.0 |
| STD DS8 | Standard | 120 | 0.57 | 284 | 0.114 | 2 | 0.88 | 0.086 | 0.43 | 3.0 | 0.21 | 2.0 | 5.6 | 0.12 | 4 | 4.4 | 4.6 |
| STD DS8 | Standard | 117 | 0.61 | 264 | 0.115 | 2 | 0.86 | 0.082 | 0.40 | 2.9 | 0.22 | 2.4 | 5.3 | 0.10 | 5 | 5.4 | 5.4 |
| STD DS8 Expected | | 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 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| BLK | Blank | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |

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Project: Oliver

Report Date: January 03, 2012

Page: 3 of 3 **Part** 1

QUALITY CONTROL REPORT

WHI11000757.2

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



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Vancouver BC V6E 4M3 Canada

Project: Oliver

Report Date: January 03, 2012

Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

WHI11000757.2

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

APPENDIX D
PRINCIPAL COMPONENT ANALYSIS TABLES

PCA_WCuFeBi

Data file produced by Principal Components

Input raster(s):

C:\arcgis\Project\Oliver\Oliver_2011_Soil_Z_PointToRa_W.tif\Band_1
C:\arcgis\Project\Oliver\Oliver_2011_Soil_Z_PointToRa_Cu.tif\Band_1
C:\arcgis\Project\Oliver\Oliver_2011_Soil_Z_PointToRa_Fe.tif\Band_1
C:\arcgis\Project\Oliver\Oliver_2011_Soil_Z_PointToRa_Bi.tif\Band_1

The number of components = 4

Output raster(s):

C:\arcgis\Project\Oliver\PCA_W2

COVARIANCE MATRIX

| # Layer | 1 | 2 | 3 | 4 |
|---------|---------|---------|---------|---------|
| # ----- | | | | |
| 1 | 0.01367 | 0.00706 | 0.00857 | 0.01359 |
| 2 | 0.00706 | 0.01365 | 0.00842 | 0.00787 |
| 3 | 0.00857 | 0.00842 | 0.01355 | 0.00884 |
| 4 | 0.01359 | 0.00787 | 0.00884 | 0.01367 |

=====

CORRELATION MATRIX

| # Layer | 1 | 2 | 3 | 4 |
|---------|---------|---------|---------|---------|
| # ----- | | | | |
| 1 | 1.00000 | 0.51682 | 0.62917 | 0.99395 |
| 2 | 0.51682 | 1.00000 | 0.61892 | 0.57641 |
| 3 | 0.62917 | 0.61892 | 1.00000 | 0.64955 |
| 4 | 0.99395 | 0.57641 | 0.64955 | 1.00000 |

=====

EIGENVALUES AND EIGENVECTORS

Number of Input Layers Number of Principal Component Layers
4 4

| # PC Layer | 1 | 2 | 3 | 4 |
|------------|---|---|---|---|
|------------|---|---|---|---|

Eigenvalues

| | | | |
|---------|---------|---------|---------|
| 0.04105 | 0.00850 | 0.00495 | 0.00005 |
|---------|---------|---------|---------|

Eigenvectors

Input Layer

| | | | | |
|---|---------|----------|----------|----------|
| 1 | 0.53260 | -0.47941 | 0.10340 | 0.68979 |
| 2 | 0.43987 | 0.69866 | 0.56085 | 0.06187 |
| 3 | 0.47571 | 0.34898 | -0.80740 | -0.00373 |
| 4 | 0.54457 | -0.40032 | 0.15115 | -0.72135 |

=====

PCA_CuPbZnAs

Data file produced by Principal Components

Input raster(s):

C:\arcgis\Project\Oliver\Oliver_2011_Soil_Z_PointToRa_Cu.tif\Band_1

C:\arcgis\Project\Oliver\Oliver_2011_Soil_Z_PointToRa_Pb.tif\Band_1

C:\arcgis\Project\Oliver\Oliver_2011_Soil_Z_PointToRa_Zn.tif\Band_1

C:\arcgis\Project\Oliver\Oliver_2011_Soil_Z_PointToRa_As.tif\Band_1

The number of components = 4

Output raster(s):

C:\arcgis\Project\Oliver\PCA_Cu

COVARIANCE MATRIX

| # Layer | 1 | 2 | 3 | 4 |
|---------|---------|---------|---------|---------|
| # ----- | | | | |
| 1 | 0.01365 | 0.00686 | 0.00987 | 0.00943 |
| 2 | 0.00686 | 0.01364 | 0.00898 | 0.00702 |
| 3 | 0.00987 | 0.00898 | 0.01367 | 0.00855 |
| 4 | 0.00943 | 0.00702 | 0.00855 | 0.01366 |

=====

CORRELATION MATRIX

| # Layer | 1 | 2 | 3 | 4 |
|---------|---------|---------|---------|---------|
| # ----- | | | | |
| 1 | 1.00000 | 0.50277 | 0.72249 | 0.69068 |
| 2 | 0.50277 | 1.00000 | 0.65750 | 0.51403 |
| 3 | 0.72249 | 0.65750 | 1.00000 | 0.62556 |
| 4 | 0.69068 | 0.51403 | 0.62556 | 1.00000 |

=====

EIGENVALUES AND EIGENVECTORS

Number of Input Layers Number of Principal Component Layers

4

4

| # PC Layer | 1 | 2 | 3 | 4 |
|------------|---|---|---|---|
|------------|---|---|---|---|

Eigenvalues

| | | | |
|---------|---------|---------|---------|
| 0.03909 | 0.00756 | 0.00485 | 0.00312 |
|---------|---------|---------|---------|

Eigenvectors

Input Layer

| | | | | |
|---|---------|----------|----------|----------|
| 1 | 0.51285 | 0.41931 | -0.40778 | -0.62839 |
| 2 | 0.46122 | -0.78821 | 0.25688 | -0.31624 |
| 3 | 0.52842 | -0.12450 | -0.50151 | 0.67362 |
| 4 | 0.49501 | 0.43289 | 0.71848 | 0.22661 |

=====

PCA_CuCoFeBiW

Data file produced by Principal Components

Input raster(s):

- # C:\arcgis\Project\Oliver\Oliver_2011_Soil_Z_PointToRa_Cu.tif\Band_1
- # C:\arcgis\Project\Oliver\Oliver_2011_Soil_Z_PointToRa_Co.tif\Band_1
- # C:\arcgis\Project\Oliver\Oliver_2011_Soil_Z_PointToRa_Fe.tif\Band_1
- # C:\arcgis\Project\Oliver\Oliver_2011_Soil_Z_PointToRa_Bi.tif\Band_1
- # C:\arcgis\Project\Oliver\Oliver_2011_Soil_Z_PointToRa_W.tif\Band_1

The number of components = 5

Output raster(s):

- # C:\arcgis\Project\Oliver\PCA_W

COVARIANCE MATRIX

| # Layer | 1 | 2 | 3 | 4 | 5 |
|---------|---------|----------|---------|---------|----------|
| 1 | 0.01365 | 0.00694 | 0.00842 | 0.00787 | 0.00706 |
| 2 | 0.00694 | 0.01352 | 0.00684 | 0.00036 | -0.00037 |
| 3 | 0.00842 | 0.00684 | 0.01355 | 0.00884 | 0.00857 |
| 4 | 0.00787 | 0.00036 | 0.00884 | 0.01367 | 0.01359 |
| 5 | 0.00706 | -0.00037 | 0.00857 | 0.01359 | 0.01367 |

CORRELATION MATRIX

| # Layer | 1 | 2 | 3 | 4 | 5 |
|---------|---------|----------|---------|---------|----------|
| 1 | 1.00000 | 0.51124 | 0.61892 | 0.57641 | 0.51682 |
| 2 | 0.51124 | 1.00000 | 0.50562 | 0.02625 | -0.02690 |
| 3 | 0.61892 | 0.50562 | 1.00000 | 0.64955 | 0.62917 |
| 4 | 0.57641 | 0.02625 | 0.64955 | 1.00000 | 0.99395 |
| 5 | 0.51682 | -0.02690 | 0.62917 | 0.99395 | 1.00000 |

EIGENVALUES AND EIGENVECTORS

Number of Input Layers Number of Principal Component Layers

5 5

PC Layer 1 2 3 4 5

Eigenvalues

0.04251 0.01774 0.00524 0.00254 0.00005

Eigenvectors

Input Layer

| | | | | | |
|---|---------|----------|----------|----------|----------|
| 1 | 0.45619 | 0.27509 | 0.78131 | -0.32090 | 0.05290 |
| 2 | 0.22443 | 0.76502 | -0.16305 | 0.58090 | 0.01848 |
| 3 | 0.48753 | 0.18967 | -0.59922 | -0.60584 | -0.01554 |
| 4 | 0.50974 | -0.36510 | 0.00599 | 0.30832 | -0.71538 |
| 5 | 0.49397 | -0.41207 | -0.06225 | 0.31221 | 0.69631 |

PCA_AuAsSb

Data file produced by Principal Components

Input raster(s):

C:\arcgis\Project\Oliver\Oliver_2011_Soil_Z_PointToRa_Au.tif\Band_1

C:\arcgis\Project\Oliver\Oliver_2011_Soil_Z_PointToRa_As.tif\Band_1

C:\arcgis\Project\Oliver\Oliver_2011_Soil_Z_PointToRa_Sb.tif\Band_1

The number of components = 3

Output raster(s):

C:\arcgis\Project\Oliver\PCA_Au

COVARIANCE MATRIX

Layer 1 2 3

1 0.01291 0.00167 0.00166

2 0.00167 0.01366 0.00226

3 0.00166 0.00226 0.01362

=====

CORRELATION MATRIX

Layer 1 2 3

1 1.00000 0.12563 0.12500

2 0.12563 1.00000 0.16602

3 0.12500 0.16602 1.00000

=====

EIGENVALUES AND EIGENVECTORS

Number of Input Layers Number of Principal Component Layers

3 3

PC Layer 1 2 3

Eigenvalues

0.01719 0.01162 0.01137

Eigenvectors

Input Layer

1 0.48100 -0.87666 0.01020

2 0.62263 0.34976 0.70000

3 0.61723 0.33035 -0.71407

=====